

# Radio Shack®

1984 CATALOG

SIXTY-THREE YEARS  
OF BRINGING  
HIGH TECHNOLOGY

FROM THE LABORATORY  
TO THE LIVING ROOM  
AFFORDABLY



## Better Living Begins at America's High-Tech Electronics Store

This year we've got more exciting products for you than ever, and the picture shows a sampling. Our new TRS-80 Model 100 Portable Computer has five built-in "instant" programs for a real breakthrough in user friendliness. Our popular ET-320 Cordless Phone now has twice the range and costs you \$20 less than last year. For music lovers, there's our new Realistic STA-2270 Receiver

with amazing Stereo Expander, LAB-2100 Turntable with microprocessor-controlled linear-tracking arm, SCT-42 Deck with auto-reverse and programmable memory, and space-saving T-120 Tower Speakers. All told, you'll find hundreds of new items and over 350 reduced prices for 1984. No wonder millions of Americans regularly shop Radio Shack for the latest in affordable electronics.

# NOW 8800 LOCATIONS



# IN 80 COUNTRIES

Audio • Video • Computers • Telephones • Autosound • CB • Radios • Phonos • Tape • Security • Clocks



Leading the way in consumer electronics for 63 years. At Radio Shack, electronics is our only business. In our stores, you'll find electronic equipment and accessories of special interest—everything from telephones and computers to antennas and recording tape. Our line of over 2700 products is unsurpassed in quality and selection. Plus, you get straight answers to all your questions from our friendly, informed salespeople. That's why so many people shop with us. Should you ever have a problem with a Radio Shack product, we can send it to the nearest of hundreds of localized repair centers. And there's always a Radio Shack near you wherever you live, work or go in the USA. If you are in a smaller community or rural area, a locally owned store may be a Radio Shack Franchisee or Authorized Dealer for our brands—look for our sign.

Shop Radio Shack  
For Everything  
In Electronics



TRS-80 Computers



Realistic Stereo



Electronic Parts



Telephone Equipment

## For a Comprehensive Look at TRS-80® Computers for Home and Office



Now Over 400 Radio Shack Computer Centers display our entire line of TRS-80 computers and business products. At each location, you'll find an in-depth inventory of state-of-the-art computer models, printers, accessories, a huge library of software, forms, furniture and informative books. Computer Center salespeople offer prompt, personal assistance. Each Center offers classroom training from experienced instructors who make sure you get the most from your investment. Our professional "hands-on" seminars let you use the TRS-80 as you learn. Buy your system outright, or choose a commercial lease for systems over \$1500. If you lease, there's a 30-day evaluation period, and you have the option to purchase your system at a reduced price when the lease expires. On-Site and Carry-In service agreements are available. Customer Service Representatives help you with after-the-sale questions or problems. You receive *complete* technical assistance and support, whether you purchase one system or one hundred. Let's get acquainted! Visit your nearest Computer Center today.



Radio Shack Expanded Computer Departments are located in over 500 specially chosen Radio Shack stores. You'll find the same complete selection of TRS-80 computer products and accessories as in our Computer Centers. Experts can demonstrate the equipment and give you all the details on sales, leasing, training and service.

### The Biggest Name in Little Computers™



In-Store Demonstrations



Knowledgeable Salespeople



Service After the Sale



Comprehensive Training

# OVER 40 MILLION SATISFIED CUSTOMERS

• Parts • Calculators • Kits • TV • PA • Intercoms • Electronic Games • Toys

## Radio Shack's Exclusive Brands Are Name Brands

These are just some of Radio Shack's exclusive brands, all world-famous for innovation, quality and value. We've been bringing you the latest in high-tech electronics since 1921. We build and buy for reliability. Millions trust our brands and you can too. And, our products



are backed by meaningful warranties. Service and original factory parts are available through our stores world-wide. We have 292 company-operated repair and computer service centers in the USA alone. Who else gives you product support like that?

## Radio Shack Operates 31 Plants in 6 Countries

The company manufactures about 50% of its products in plants in California, Iowa, New Jersey, Texas, Canada, France, Japan, South Korea and Taiwan. All told, 7,341 men and women work in 2,372,947 square feet of manufacturing, assembling and packaging space. By operating its own



factories, Radio Shack can move a product from the drawing board to the store in optimum time. Radio Shack invests

heavily in product development, constantly updating with new technology. By staying a step ahead in technology, we keep quality high, costs down and customers happy. Self-manufacturing is one reason this catalog lists over 350 items at lower prices than in last year's!

## Radio Shack's Continuing Commitment to Education

As the impact of computers on education becomes more apparent, Radio Shack has continued to offer better and more powerful software for school and home. Today, Radio Shack boasts one of the most comprehensive libraries of educational software available anywhere. Through "America's Educational Challenge"



we're helping introduce teachers to the benefits of computers in schools—at our expense. The Radio Shack Education Division is committed to education, constantly updating to meet the needs of educators across the country. Direct inquiries to: **Education Division, 1400 One Tandy Center, Fort Worth, TX 76102.**

## Special Marketing and Contract Marketing Divisions

National Account Division. Radio Shack provides for the special needs of corporations and quantity buyers. We'll help solve your company's computer application and communication needs, including employee training. Direct inquiries to: **National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102.**



Tandy Contract Marketing. OEM's/SYSTEM HOUSES become a part of our success story by designing and selling vertical market application packages configured with our computers. Tandy is your single-source supplier. Direct inquiries to: **Tandy Contract Marketing, 1400 One Tandy Center, Fort Worth, TX 76102.**

Apply for Your Radio Shack/CitiLine Credit Card. No fee required. Simply fill out the CitiLine application card that's available at any participating Radio Shack store. Upon approval by CitiBank, often within the hour, you can take your purchases home. Radio Shack/CitiLine may be used to finance any initial purchase of \$225 or more, and subsequent purchases of \$100 or more. Payments can be spread over 30 months, or paid in full anytime. Come in for details today!



These Cards  
Also Honored  
At Most  
Locations



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Prices apply at participating Radio Shack stores and dealers in the continental USA. Prices are subject to change without notice.

# OUR BEST! DIGITAL-SYNTHESIZED RECEIVER



100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

## 599<sup>95</sup>

Only \$35 Per Month On CitiLine Credit

- Precision Quartz Crystal Locks Each Station On-Channel
- Memory Stores 12 Stations—6 FM and 6 AM—for Instant Recall
- 5-Segment LED Signal Strength Meter • 24-Segment LED Power Meter
- Human-Engineered Controls for Easy, Reliable Operation

**Realistic STA-2290.** One of the finest receivers ever offered! You get the latest in microprocessor and audio technology for versatility and sonic purity. You can tune up and down the FM band in 200 kHz steps and the AM band in 10 kHz steps. Or, use the Search mode to automatically scan to the next station. Digital fluorescent display shows exact station frequency. Features separate 21-step bass, treble and midrange controls, large 41-step volume control and LED FM stereo, memory and function indicators. You also get inputs for two moving-magnet cartridges and two tape decks, with full tape monitoring and dubbing capabilities. MPX blend cuts noise on weak FM stereo stations, and tone defeat overrides tone controls for a ruler-flat response. Meter low button expands power meter scale when listen-

ing at low volumes. Also has A/B/A + B speaker switching, pushbuttons for loudness, stereo/mono, hi-filter, FM muting. Fully protected against overheating and overload. U.L. listed.

31-3009 ..... 599.95

### Specifications

**AMPLIFIER.** Response: 15-25,000 Hz  $\pm$  1 dB. S/N: 85 dB phono, 90 dB aux. Phono Overload: 230 mV. **FM TUNER:** Sensitivity (IHF): 1.8  $\mu$ V (14.1 dBf). Capture Ratio: 1.5 dB. S/N: 74 dB. Selectivity: 70 dB. Image Rejection: 75 dB. Stereo Harmonic Distortion: 0.2%. Separation (at 1 kHz): 50 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A/B speakers, headphone, tape 1 and 2 in/out, phono 1 and 2, two AC outlets. **SIZE:** 5<sup>5</sup>/<sub>8</sub> x 19<sup>1</sup>/<sub>2</sub> x 16<sup>1</sup>/<sub>8</sub>".



Only \$56 Per Month On CitiLine Credit

**Save \$110<sup>80</sup>**

**SYSTEM 979<sup>00</sup>**

Reg. Separate Items 1089.80

- Realistic STA-2290 Digital Receiver
- Two Optimus T-120 Tower Speakers
- LAB-395 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge



Only \$64 Per Month On CitiLine Credit

**Save \$130<sup>80</sup>**

**SYSTEM 1129<sup>00</sup>**

Reg. Separate Items 1259.80

- Realistic STA-2290 Digital Receiver
- Two Mach One<sup>®</sup> Liquid-Cooled Speakers
- LAB-440 Direct-Drive Turntable With \$39.95 Moving-Magnet Cartridge



Only \$90 Per Month On CitiLine Credit

**Save \$180<sup>70</sup>**

**SYSTEM 1599<sup>00</sup>**

Reg. Separate Items 1779.70

- Realistic STA-2290 Digital Receiver
- Two Optimus-300 Tower Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-42 Cassette Deck • Stand

Get It "On Credit"—Radio Shack/CitiLine, American Express, MasterCard and Visa Welcomed at Most Stores

# DIGITAL SYNTHESIZED—WITH NEW STEREO EXPANDER



65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

**NEW  
FOR '84**

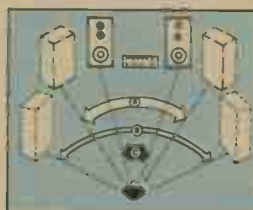
**399.95**

Only \$28 Per Month On CitiLine Credit

- Variable Stereo Expander Dramatically Enlarges Stereo Sound Image
- Computerized Memory Stores 6 FM and 6 AM Stations for Instant Recall
- Digital Fluorescent Frequency Display • Precise Quartz-Locked Tuning
- 14-Segment LED Power Level Meter • 5-Segment LED Signal Strength Meter

Realistic STA-2270. A milestone in high-tech hi-fi! Stereo Expander creates an incredibly realistic, "live" sound field normally achieved only by adding more speakers or external signal processors. Scan up or down the bands automatically or manually—the system stops at each station and tunes it in with pin-point accuracy. 30 Hz "cut" burton helps eliminate power-robbing subsonic distortion. FM muting circuit eliminates tuning noise between stations. Pushbutton controls for hi-MPX filter, loudness, station search and A/B speaker pairs. Also has 11-step bass, treble and midrange controls. LED Stereo Expander, FM stereo and memory indicators, monitoring and dubbing controls for two tape decks and a lighted power indicator U.L. listed.

31-3005 ..... 399.95



Stereo Expander Adds Ambiance  
A Expander at minimum level  
B Expander at maximum level  
C Normal stereo image

## Specifications

**AMPLIFIER** Response: 15-25,000 Hz  $\pm 1$  dB  
S/N: 85 dB phono, 100 dB aux. Phono Overload: 165 mV. **FM TUNER** Sensitivity (IHF): 1.7  $\mu$ V (9.8 dB $\mu$ ). Capture Ratio: 1.05 dB S/N: 75 dB Selectivity: 75 dB Image Rejection: 78 dB Stereo Harmonic Distortion: 0.08% Separation (at 1 kHz): 53 dB **EXTERNAL CONNECTIONS**: AM and 75 or 300-ohm FM antennas, A and B speakers, headphones, aux. tape 1 and 2 in/out, AC convenience outlet **SIZE**: 4 1/2" x 18 1/2" x 11 1/4"



Only \$44 Per Month On CitiLine Credit

**Save** ~~\$90.80~~ **759.00**  
SYSTEM Reg. Separate Items 849.80

- Realistic STA-2270 Digital Receiver
- Two Optimus-50 3-Way Speakers
- LAB-395 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge



Only \$49 Per Month On CitiLine Credit

**Save** ~~\$100.80~~ **839.00**  
SYSTEM Reg. Separate Items 939.80

- Realistic STA-2270 Digital Receiver
- Two Optimus T-120 Tower Speakers
- LAB-440 Direct-Drive Turntable, \$39.95 Moving-Magnet Cartridge



Only \$78 Per Month On CitiLine Credit

**Save** ~~\$140.70~~ **1379.00**  
SYSTEM Reg. Separate Items 1519.70

- Realistic STA-2270 Digital Receiver
- Two Mach One Liquid-Cooled Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-28 Dual Cassette Deck • Stand

All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy

# LOW-PROFILE, DIGITAL-SYNTHESIZED RECEIVER

## Features 12-Station Programmable Memory With One-Touch Recall



35 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

**NEW FOR '84**

**339<sup>95</sup>**

Only \$28 Per Month On CitiLine Credit

- Digital Fluorescent Display Shows Precise AM or FM Frequency
- Feather-Touch Controls Tune Up and Down the Bands Automatically
- 30 Hz "Cut" Pushbutton Reduces Power-Robbing Subsonic Distortion
- 5-Segment LED Signal Strength Meter • 10-Segment LED Power Meter

**Realistic STA-112.** Today's most advanced features in a space-efficient size—only 3" high! Tuning couldn't be easier! Just hold the touch-search tuning control in forward or reverse mode and the digital circuit tunes up or down the band, locking in the next station with quartz accuracy. When you find a station you like, enter it into the microprocessor memory—up to six AM and six FM stations can be stored and recalled with the feather-touch memory controls. For user convenience, we've separated the most frequently used controls from the others. The tuning and memory controls, 41-detent volume control, LED function selector and tape monitor are located on the front panel for easy access. A protective smoked-gray window swings down to reveal a complete set of amplifier controls. Hi-MPX filter cleans up weak stereo signals, and FM muting blanks interstation tuning noise. Loudness boosts low frequencies for full-range sound at low volume.

You also get A/B speaker pair and stereo/mono pushbuttons, separate 11-detent bass and treble controls, and an LED FM stereo indicator. Front-panel edge-lit power button. Built-in protection against memory loss, overheating and speaker overload. U.L. listed.

31-2004 ..... **339.95**

### Specifications

**AMPLIFIER:** Response: 15-25,000 Hz  $\pm$  1 dB. S/N: 85 dB phono 97 dB aux. Phono Overload: 175 mV. **FM TUNER:** Sensitivity (IHF): 1.7  $\mu$ V (9.8 dBf). Capture Ratio: 1.0 dB S/N: 75 dB. Selectivity: 75 dB. Image Rejection: 75 dB. Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 55 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, magnetic phono aux. tape in/out, A and B speakers, headphone, AC convenience outlet. **SIZE:** 3 x 17 <sup>1</sup>/<sub>4</sub> x 11 <sup>3</sup>/<sub>4</sub>"



Only \$32 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate  
**\$6080 539<sup>00</sup>** Items  
 599.80

- Realistic STA-112 Digital Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$38 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate  
**\$8080 649<sup>00</sup>** Items  
 729.80

- Realistic STA-112 Digital Receiver
- Two Optimus-40 2-Way Speakers
- LAB-395 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge



Only \$52 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate  
**\$10075 899<sup>00</sup>** Items  
 999.75

- Realistic STA-112 Digital Receiver
- Two Optimus-50 3-Way Speakers
- LAB-1500 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-40 Stereo Cassette Deck

All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy

# DIGITAL FREQUENCY DISPLAY STEREO RECEIVER

## Auto-Magic® Fine-Tuning Locks in FM Stations for Cleanest Reception



27 WATTS PER CHANNEL. MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.06% TOTAL HARMONIC DISTORTION

# 279<sup>95</sup>

Only \$26 Per Month On CitiLine Credit

- 5-Segment LED AM/FM Signal Strength Indicator
- 30 Hz "Cut" Pushbutton Limits Distortion. Conserves Power
- LED FM Stereo and Perfect-Tuning Indicators
- Slim-Line Styling With "Champagne-Silver" Cabinet

**Realistic STA-730.** Specially engineered for clean sound and ease of operation. No more mechanical tuning dial or pointer—we've replaced them with an all-electronic system that gives you an easy-to-read fluorescent readout that shows the exact station frequency. The readout also has fluorescent MHz, kHz, FM and AM displays. The 30 Hz "cut" pushbutton eliminates turntable rumble, helps protect speakers and reduces over-boosted bass. Other luxury touches include six "thin-line" pushbuttons—stereo/mono gives you improved reception of weak FM stations, and loudness boosts high and low frequencies for full-range sound at low listening levels. Ten-step bass and treble controls, separate volume and balance controls. Function selector buttons for tape monitor, phono, aux, AM and FM. Phase-locked loop FM multiplex provides excellent stereo separation and high stability. Phono preamp IC reduces noise and distortion to the

vanishing point, and assures precise RIAA equalization. Auxiliary input lets you add a tape deck or audio from a VCR or video disc player. Two built-in protection circuits safeguard your amplifier and speakers from overheating and overloading. It all adds up to great sound and performance for surprisingly little cost—come in and hear it in action! U.L. listed. 31-2003 ..... 279.95

### Specifications

**AMPLIFIER** Response: 15-25,000 Hz ±1 dB S/N: 81 dB Phono: 72 dB aux. Phono Overload: 140 mV FM TUNER Sensitivity (IHF): 1.7 μV (8.5 dB) Capture Ratio: 1.0 dB S/N: 73 dB Selectivity: 55 dB Image Rejection: 55 dB Stereo Harmonic Distortion: 0.3% Separation (at 1 kHz): 45 dB **EXTERNAL CONNECTIONS:** AM antenna: 75 or 300-ohm FM antenna; magnetic phono; aux; tape input jacks; A and B speakers; headphones jack; AC outlet **SIZE:** 3 1/4" x 18 1/4" x 12 1/4"



Only \$29 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate Items 479.80  
**\$50<sup>80</sup> 429<sup>00</sup>**

- Realistic STA-730 Stereo Receiver
- Two Minimus-7 Die-Cast Speakers
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$30 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate Items 559.80  
**\$60<sup>80</sup> 499<sup>00</sup>**

- Realistic STA-730 Stereo Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge



Only \$39 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate Items 769.75  
**\$80<sup>75</sup> 689<sup>00</sup>**

- Realistic STA-730 Stereo Receiver
- Two Optimus-30 2-Way Speakers
- LAB-395 Direct-Drive Turntable With \$29.95 Moving-Magnet Cartridge
- SCT-41 Stereo Cassette Deck

# CASSETTE/RECEIVER WITH DIGITAL AM/FM DISPLAY



20 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.1% TOTAL HARMONIC DISTORTION

## 379<sup>95</sup>

Only \$28 Per Month On CitiLine Credit

- Digital Fluorescent Display Shows Exact AM or FM Frequency
- Dual 5-Segment LED Audio Meters Monitor Record and Playback Level
- Dolby<sup>®</sup> B Noise Reduction Cuts Tape Hiss and Improves High Frequencies
- Exclusive Auto-Magic<sup>®</sup> FM Fine-Tuning System Locks In Stations

**Realistic SCR-3000.** Now you can have a high-fidelity AM/FM stereo receiver and cassette record/play deck in a single space-efficient enclosure—without sacrificing the features you'd expect with separate components. Receiver has boost-and-cut bass and treble controls, volume knob with concentric balance control, loudness, automatic stereo/mono FM switching, pushbutton AM, FM, tape, phono and aux function selectors. Cassette deck features soft-touch tape transport controls, pushbutton selectors for metal, CrO<sub>2</sub> and normal tape formulations, separate record-level controls, tape counter, two microphone jacks and Auto-Stop. You can record off-the-air, from external sources, or "live" with optional microphones. LED indicators for FM stereo, Dolby NR, record, tape, phono and aux. The perfect choice for your main listening area, bedroom, rec room or den.

The SCR-3000 puts it all together—at a lower price than you'd expect to pay for separates with the same features! U.L. listed. 31-1996 ..... 379.95

### Specifications

**AMPLIFIER.** Response: 15-25,000 Hz ± 1 dB S/N: 83 dB phono 85 dB aux Phono Overload: 105 mV **FM TUNER:** Sensitivity (IHF): 1.9 µV ± 0.8 dBf Capture Ratio: 1.5 dB S/N: 72 dB Selectivity: 60 dB Image Rejection: 65 dB Stereo Harmonic Distortion: 0.5% Separation (at 1 kHz): 45 dB **CASSETTE:** Response ± 3 dB: 30-19,000 Hz (metal) 30-16,000 Hz (CrO<sub>2</sub>) 30-14,000 Hz (normal) Wow and Flutter: Less than 0.07% WRMS S/N: 60 dB (Dolby on) CCIR weighted) **SIZE:** 4 1/2" x 17 1/2" x 11 1/2" TM Dolby Laboratories Licensing Corp.



**Save \$60<sup>85</sup>**

Reg. Separate Items 539.85

**SYSTEM 479<sup>00</sup>**

Only \$30 Per Month On CitiLine Credit

- Realistic SCR-3000 AM/FM Stereo Cassette Receiver
- Two Minimus<sup>™</sup>-12 Die-Cast Metal Speaker Systems With 5" Polypropylene Woofer and 2" Cone Tweeter

**Save \$70<sup>80</sup>**

Reg. Separate Items 699.80

**SYSTEM 629<sup>00</sup>**

Only \$36 Per Month On CitiLine Credit

- Realistic SCR-3000 AM/FM Stereo Cassette/Receiver
- Two Minimus-12 Die-Cast Metal Speaker Systems
- LAB-1500 Linear Tracking Logic-Controlled Belt-Drive Automatic Turntable With Dual-Magnet Cartridge

Get It "On Credit"—Radio Shack/CitiLine, American Express, MasterCard and Visa Welcomed At Most Stores



# LOW-COST, COMPACT STEREO CASSETTE/RECEIVER



7 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

Available Oct. 30, 1983

**NEW  
FOR '84**

**199<sup>95</sup>**

- Dolby B NR Reduces Tape Hiss and Increases Dynamic Range
- 5-Segment LED Audio Level Meters for Right and Left Channels
- Tape Selector for Recording With Metal, CrO<sub>2</sub> or Normal Cassettes

**Realistic SCR-2500.** What a combination—two of the most-wanted stereo components at a price that's less than you might pay for a receiver or cassette deck alone. Perfect for a small apartment, dorm or den—anywhere you want true *hi-fi* stereo in a limited space. Receiver has separate bass, treble and balance controls, LED FM stereo and perfect-tuning indicators, pushbutton selectors for AM, FM, FM stereo, tape, phono and aux. Loudness boosts high and low frequencies for deep, full-range sound at low volume. Record high-quality cassettes from the tuner, phono, another tape deck or "live" using the mike jacks. You get soft-touch function controls, LED record and Dolby indicators, separate record level controls, digital tape counter and Auto-Stop. Twin protection circuits automatically safeguard

against overheating and speaker overload. Come in today and get the best of both worlds at one down-to-earth price! U.L. listed.

31-1995 ..... 199.95

## Specifications

**AMPLIFIER.** Response: 15-25,000 Hz  $\pm$  1 dB S/N: 80 dB phono, 85 dB aux Phono Overload: 110 mV **FM TUNER:** Sensitivity (IHF): 2.0  $\mu$ V (11.2 dB) Capture Ratio: 1.5 dB S/N: 70 dB. Selectivity: 55 dB Image Rejection: 38 dB Stereo Harmonic Distortion: 0.9% Separation (at 1 kHz): 35 dB **CASSETTE:** Response  $\pm$  3 dB: 60-12,000 Hz (metal), 60-10,000 Hz (CrO<sub>2</sub>), 60-10,000 Hz (normal) Wow and Flutter: Less than 0.09% WRMS S/N: 52 dB (Dolby "B"), CCIR weighted) **SIZE:** 4<sup>1</sup>/<sub>8</sub> x 17 x 8<sup>7</sup>/<sub>8</sub>"



**Save  
\$30<sup>85</sup>**

Reg. Separate  
Items 299.85

**SYSTEM  
269<sup>00</sup>**

Only \$26  
Per Month On  
CitiLine Credit

- Realistic SCR-2500 AM/FM Stereo Cassette/Receiver With Dolby B-Type NR and Soft-Touch Controls
- Two Minimus-7 Silver Die-Cast Speaker Systems

**Save  
\$40<sup>80</sup>**

Reg. Separate  
Items 359.80

**SYSTEM  
359<sup>00</sup>**

Only \$28  
Per Month On  
CitiLine Credit

- Realistic SCR-2500 AM/FM Stereo Cassette/Receiver
- Two Minimus-7 Silver Die-Cast Speaker Systems
- LAB-75 Belt-Drive Automatic Changer With \$12.95 Magnetic Cartridge and Dust Cover

Radio Shack—63 Years of Value, Service and Reliability

World Radio History

# HIGH-POWER RECEIVER WITH NEW STEREO EXPANDER



65 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

**NEW FOR '84**

**359.95**

Only \$28 Per Month On CitiLine Credit

- Expander Circuit Enhances Stereo Image for a "Live" Sound Quality
- 30 Hz "Cut" Pushbutton Limits Subsonic Distortion and Conserves Power
- Exclusive Auto-Magic® Locks-In FM Stations for Cleanest Reception
- 11-Segment LED Power Output Meter • 5-Segment LED Signal Strength Meter

Realistic STA-860. Plenty of power, advanced features and high performance make this the perfect "heart" of your home music system. Stereo Expander creates an incredibly realistic, "ambient" sound field normally achieved only by adding a signal processor or more speakers. It's an exciting new way of listening to music! Variable Expander control lets you adjust the stereo image to your personal taste. Tuner features FET-FM circuitry for superb sensitivity with exceptionally low noise and distortion. Special noise-cancelling circuitry assures silent switching between functions, and FM muting eliminates interstation hiss when tuning. Loudness button boosts low frequencies when listening at low volume. Pushbuttons for tape monitor, stereo/mono, high-filter, A and B speaker pairs. Lighted slide-rule dial,

large flywheel control and LED FM stereo indicator combine for easy tuning. Separate bass, treble, balance and volume controls. Twin protection circuits guard against overheating and overloading. U.L. listed. 31-2097 ..... 359.95

### Specifications

**AMPLIFIER.** Response: 15-25,000 Hz  $\pm$  1 dB S/N: 83 dB phono, 86 dB aux Phono Overload: 175 mV. **FM TUNER:** Sensitivity (IHF): 1.7  $\mu$ V (9.8 dBf) Capture Ratio: 1.0 dB S/N: 78 dB. Selectivity: 65 dB. Image Rejection: 60 dB Stereo Harmonic Distortion: 0.15%. Separation (at 1 kHz): 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, phono, aux, tape in/out, A/B speaker pairs, headphone. **SIZE:** 4 $\frac{3}{8}$ " x 18 $\frac{1}{2}$ " x 10 $\frac{3}{4}$ "



Only \$36 Per Month On CitiLine Credit

**Save \$70.80** SYSTEM **619.00** Reg. Separate Items 689.80

- Realistic STA-860 Stereo Receiver
- Two Optimus-30 2-Way Speakers
- LAB-395 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge



Only \$41 Per Month On CitiLine Credit

**Save \$80.80** SYSTEM **719.00** Reg. Separate Items 799.80

- Realistic STA-860 Stereo Receiver
- Two Optimus-40 Speaker Systems
- LAB-440 Direct-Drive Turntable, \$39.95 Moving-Magnet Cartridge



Only \$47 Per Month On CitiLine Credit

**Save \$90.80** SYSTEM **809.00** Reg. Separate Items 899.80

- Realistic STA-860 Stereo Receiver
- Two Optimus-50 3-Way Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge

Finance Purchases of \$225 or More With Radio Shack/CitiLine Credit—Come in Today for Details

# RECEIVER WITH 7-BAND FREQUENCY EQUALIZER



45 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

## 359<sup>95</sup>

Only \$28 Per Month On CitiLine Credit

- 21-Segment LED Power Level Meter Displays Output to Speakers
- EQ Bypass Button for Instant Comparison to Flat Response
- 30 Hz "Cut" Pushbutton Reduces Rumble and Low-Frequency Hum
- 5-Segment LED AM/FM Signal Strength Indicator Aids in Tuning

**Realistic STA-790.** An exceptional receiver with the power and operational flexibility to control a very sophisticated system. With its built-in stereo graphic frequency equalizer, you can customize the sound to match the acoustics of your listening room—ordinary tone controls just can't compare! Seven slide-action controls boost or cut frequency response up to 12 dB at 50 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz and 15 kHz. Exclusive Auto-Magic fine-tunes and locks-in FM stations automatically. High-filter reduces hiss and record scratch. Loudness provides full bass response even at low volume levels, and FM muting cuts tuning noise between stations. You also get a 40-step volume knob with concentric center-detent balance control, pushbuttons for mono/stereo, tape monitor and A/B speaker pairs. Green LED indi-

cates when FM stations are properly tuned, and a red LED lights when you're tuned to FM stereo. Twin protection circuits automatically protect the amplifier from speaker overload and overheating. U.L. listed. 31-2067 ..... 359.95

### Specifications

**AMPLIFIER.** Response: 15-20,000 Hz  $\pm$  1 dB S/N: 86 dB phono 97 dB aux. Phono Overload: 140 mV **FM TUNER:** Sensitivity (IHF): 1.9  $\mu$ V (12.8 dB $\mu$ ). Capture Ratio: 1.5 dB S/N: 72 dB Selectivity: 53 dB Image Rejection: 60 dB Stereo Harmonic Distortion: 0.2% Separation (at 1 kHz): 48 dB **EXTERNAL CONNECTIONS:** AM and FM antennas, A/B speaker pairs, headphone, photo, aux, phono and DIN-type tape in/out. **SIZE:** 47 $\frac{1}{2}$ " x 18 $\frac{1}{2}$ " x 16 $\frac{1}{2}$ "



Only \$33 Per Month On CitiLine Credit

**Save** SYSTEM Reg. Separate Items  
\$6080 **559<sup>00</sup>** 619.80

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Nova-4 2-Way Speaker Systems
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$35 Per Month On CitiLine Credit

**Save** SYSTEM Reg. Separate Items  
\$7080 **609<sup>00</sup>** 679.80

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Optimus-30 2-Way Speakers
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge



Only \$41 Per Month On CitiLine Credit

**Save** SYSTEM Reg. Separate Items  
\$8080 **699<sup>00</sup>** 779.80

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Optimus-40 Speaker Systems
- LAB-1500 Linear Tracking Turntable With Dual-Magnet Cartridge

Realistic—The Famous Brand Sold in 80 Countries Worldwide  
World Radio History

# REALISTIC STEREO RECEIVERS ARE YOUR BEST BUY



40 WATTS PER CHANNEL. MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz. WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

**Realistic STA-740.** The power you need at a sensible price! Loudness gives you deep bass at low volume, and the hi-filter reduces hiss and record scratch. FM mute eliminates noise between stations. Separate 39-step bass and treble controls. Pushbuttons for mono/stereo, tape monitor, A/B speaker-pair switching. U.L. listed 31-2039 **299.95**

## Value-Priced Receiver With Dual Power Meters

Only \$27  
Per Month  
On Citiline Credit

# 299<sup>95</sup>

- Fast-Attack 21-Segment LED Audio Power Level Meter
- LED Signal Strength, FM Stereo and Tuning Indicators
- Auto-Magic™ FM Fine-Tuning

### Specifications

AMPLIFIER: Response: 15-25,000 Hz ±1 dB S/N: 65 dB phono, 80 dB aux. Phono Overload: 140 mV. FM TUNER: Sensitivity (IHF): 1.9 μV (10.9 dB) Capture Ratio: 1.5 dB S/N: 72 dB Selectivity: 50 dB Image Rejection: 60 dB Stereo Harmonic Distortion: 0.2% Separation (at 1 kHz): 48 dB. SIZE: 5 1/4" x 17 1/2" x 12"



24 WATTS PER CHANNEL. MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz. WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

**Realistic STA-115.** An outstanding buy, offering sound you can appreciate today and the features you need to expand your system in the future. You get ample power to drive almost any speaker system—even two sets of speakers. Exclusive Auto-Magic locks-in FM stations automatically for best reception. Also has LED tuning and FM stereo indicators, 11-step bass, treble and volume controls, wide lighted tuning dial. Pushbuttons for bass-enhancing loudness, high-filter, stereo/mono, tape monitor and A/B speaker pairs. Aux input lets you add a second tape deck, or VCR or video disc sound. U.L. listed 31-2098 **219.95**

## Full-Feature Receiver With Room to Grow

**NEW FOR '84** **219<sup>95</sup>**

Available Sept. 30, 1983

- 30 Hz "Cut" Pushbutton Cuts Distortion, Conserves Power
- 5-Level LED Signal Strength Meter For Easy Tuning
- Exclusive Auto-Magic on FM

### Specifications

AMPLIFIER: Response: 15-25,000 Hz ±1 dB S/N: 85 dB phono, 85 dB aux. Phono Overload: 120 mV. FM TUNER: Sensitivity (IHF): 1.9 μV (11.8 dB) Capture Ratio: 1.2 dB S/N: 74 dB Selectivity: 60 dB Image Rejection: 60 dB Stereo Harmonic Distortion: 0.2% Separation (at 1 kHz): 45 dB. SIZE: 4 1/2" x 17 1/2" x 12"



16 WATTS PER CHANNEL. MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz. WITH NO MORE THAN 0.03% TOTAL HARMONIC DISTORTION

**Realistic STA-204.** An inexpensive way to move up to component hi-fi! Tuner features extra-high sensitivity combined with exceptionally low noise. Separate 11-step bass and treble controls. LED FM stereo indicator. Pushbuttons for loudness, high-filter, tape monitor, stereo/mono, A/B speaker pairs. U.L. listed 31-2099 **199.95**

## Versatile Receiver At a Popular Price

# 199<sup>95</sup>

- Exclusive Auto-Magic Tuning
- 10-Segment LED AM/FM Signal Strength Meter Aids Tuning
- FM Muting Circuit Eliminates Interstation Tuning Noise

### Specifications

AMPLIFIER: Response: 15-25,000 Hz ±1 dB S/N: 89 dB phono, 72 dB aux. Phono Overload: 80 mV. FM TUNER: Sensitivity (IHF): 2.1 μV (14.1 dB) Capture Ratio: 3.0 dB S/N: 65 dB Selectivity: 45 dB Image Rejection: 50 dB Stereo Harmonic Distortion: 0.6% Separation (at 1 kHz): 34 dB. SIZE: 5 1/4" x 17 1/2" x 12"

# REALISTIC SYSTEMS OFFER YEARS OF ENJOYMENT



Only \$30 Per Month On CitiLine Credit

SYSTEM

Save \$50<sup>80</sup> Reg. Separate Items 519.80 **469<sup>00</sup>**

- Realistic STA-740 Stereo Receiver
- Two MC-1201 2-Way Speaker Systems
- LAB-75 Belt-Drive Automatic Changer With \$12.95 Magnetic Cartridge



Only \$31 Per Month On CitiLine Credit

SYSTEM

Save \$60<sup>80</sup> Reg. Separate Items 579.80 **519<sup>00</sup>**

- Realistic STA-740 Stereo Receiver
- Two Nova-4 2-Way Speaker Systems
- LAB-77 Belt-Drive Automatic Changer With \$19.95 Moving-Magnet Cartridge



Only \$35 Per Month On CitiLine Credit

SYSTEM

Save \$70<sup>80</sup> Reg. Separate Items 659.80 **589<sup>00</sup>**

- Realistic STA-740 Stereo Receiver
- Two Optimus-30 Bass Reflex Speakers
- LAB-1500 Linear Tracking Automatic Turntable With Dual-Magnet Cartridge



Only \$28 Per Month On CitiLine Credit

SYSTEM

Save \$40<sup>80</sup> Reg. Separate Items 379.80 **339<sup>00</sup>**

- Realistic STA-115 Stereo Receiver
- Two Minimus-7 Die-Cast Speakers
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover



Only \$28 Per Month On CitiLine Credit

SYSTEM

Save \$44<sup>80</sup> Reg. Separate Items 439.80 **395<sup>00</sup>**

- Realistic STA-115 Stereo Receiver
- Two MC-1201 2-Way Speaker Systems
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge



Only \$30 Per Month On CitiLine Credit

SYSTEM

Save \$50<sup>80</sup> Reg. Separate Items 499.80 **449<sup>00</sup>**

- Realistic STA-115 Stereo Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-77 Belt-Drive Automatic Changer With \$19.95 Moving-Magnet Cartridge



Only \$28 Per Month On CitiLine Credit

SYSTEM

Save \$40<sup>80</sup> Reg. Separate Items 379.80 **339<sup>00</sup>**

- Realistic STA-204 Stereo Receiver
- Two MC-600 Walnut Veneer Speakers
- LAB-75 Belt-Drive Automatic Changer With \$12.95 Magnetic Cartridge



Only \$31 Per Month On CitiLine Credit

SYSTEM

Save \$60<sup>75</sup> Reg. Separate Items 579.75 **519<sup>00</sup>**

- Realistic STA-204 Stereo Receiver
- Two Minimus-12 Die-Cast Speakers
- LAB-290 Belt-Drive Turntable With \$19.95 Moving-Magnet Cartridge
- Realistic SCT-24A Cassette Deck



Only \$35 Per Month On CitiLine Credit

SYSTEM

Save \$110<sup>70</sup> Reg. Separate Items 709.70 **599<sup>00</sup>**

- Realistic STA-204 Stereo Receiver
- Two Nova-500 3-Way Speaker Systems
- LAB-77 Belt-Drive Automatic Changer With \$19.95 Moving-Magnet Cartridge
- SCT-24A Cassette Deck • Audio Rack

World Radio History

Charge and Time-Pay Plans Available at Most Radio Shack Stores

# BUDGET STEREO RECEIVERS FOR STARTER SYSTEMS



12 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.5% TOTAL HARMONIC DISTORTION

**Realistic STA-700.** Only 3" high, yet packed with deluxe features usually found only in bigger, more expensive receivers. Exclusive Auto-Magic locks-in FM stations automatically for clearest reception. Separate 11-step bass and treble controls, center-detent balance control. System EQ and FM stereo LED indicators. Pushbuttons for loudness, tape monitor, mono/stereo and A/B speaker pairs. Special EQ switch matches the impedance and frequency characteristics of our Minimus-series speakers for full dynamic range and sound reproduction. Jet-black metal enclosure. U.L. listed. 31-1969 ..... 179.95

Low-Profile, High-Tech Receiver for Small Spaces

**179<sup>95</sup>**

- EQ Switch for Enhanced Bass From Mini Speaker Systems
- Auto-Magic FM Fine-Tuning
- 5-LED Signal Strength Meter

#### Specifications

AMPLIFIER: Response: 15-25,000 Hz  $\pm$  1 dB  
S/N: 82 dB phono 90 dB aux. Phono Overload: 140 mV  
FM TUNER: Sensitivity (IHF): 2.8  $\mu$ V (14.17 dBf) Capture Ratio: 2.0 dB S/N: 65 dB  
Selectivity: 45 dB Image Rejection: 55 dB  
Stereo Harmonic Distortion: 0.6% Separation (at 1 kHz): 40 dB SIZE: 3 x 16<sup>1/2</sup> x 8<sup>1/2</sup>"



14 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% TOTAL HARMONIC DISTORTION

**Realistic STA-450.** The craftsmanship, performance and looks you expect from Realistic at a remarkable price! It's a great start if you're putting together your first system. Exclusive Auto-Magic locks-in FM stations, and the phase-locked loop IC assures wide stereo channel separation. Features A/B/Both speaker switching, separate bass, treble and balance controls, a loudness pushbutton for deep bass even at low volume, LED FM stereo indicator, stereo/mono switch. Walnut-grained vinyl veneer finish. U.L. listed. 31-2094 ..... 159.95

Affordable Receiver With Auto-Magic Fine-Tuning

**NEW FOR '84**

**159<sup>95</sup>**

Available Oct. 31, 1983

- Clean, Attractive Styling
- Brushed Aluminum Front Panel
- 5-LED Signal Strength Meter
- Tape Monitor Circuitry
- Edge-Lit Power-On Button

#### Specifications

AMPLIFIER: Response: 15-25,000 Hz  $\pm$  1 dB  
S/N: 81 dB phono 85 dB aux. Phono Overload: 120 mV  
FM TUNER: Sensitivity (IHF): 2.7  $\mu$ V (13.7 dBf) Capture Ratio: 2.0 dB S/N: 78 dB  
Selectivity: 60 dB Image Rejection: 50 dB  
Stereo Harmonic Distortion: 0.3% Separation (at 1 kHz): 34 dB SIZE: 5<sup>1/16</sup> x 16<sup>7/16</sup> x 7<sup>1/2</sup>"



5 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.9% TOTAL HARMONIC DISTORTION

**Realistic STA-12.** Don't be fooled by its small size—it's a solid performer that delivers superb stereo sound! Use the STA-12 to power a small system in dorm or office, or a second system in your den or shop—it's even at home on a desktop. Easy-to-read tuning dial with LED frequency pointer, pushbuttons for EQ and power, separate balance and volume controls, stereo headphone jack, function switch for FM mono, FM stereo, AM, phono and tape. Unique "BTL" switch boosts output power to 10 watts in mono mode for use as a space-efficient background system. U.L. listed. 31-1965 ..... 119.95

Personal-Size Receiver Fits Almost Anywhere

**119<sup>95</sup>**

- Auto-Magic Fine-Tunes FM Stations Automatically
- FM-Stereo and Tuning LEDs
- Loudness Button for Deep Bass Response at Low Volume

#### Specifications

AMPLIFIER: Response: 40-20,000 Hz  $\pm$  1 dB  
S/N: 70 dB phono 72 dB aux. FM TUNER: Sensitivity (IHF): 7.0  $\mu$ V (22.3 dBf) Capture Ratio: 3.0 dB S/N: 60 dB Selectivity: 55 dB Image Rejection: 38 dB Stereo Harmonic Distortion: 1.0% Separation (at 1 kHz): 35 dB SIZE: 2<sup>3/16</sup> x 10<sup>1/8</sup> x 6<sup>1/16</sup>"

# SAVE BIG ON SPACE-SAVING REALISTIC SYSTEMS



Only \$26 Per Month on CitiLine Credit

**Save \$30<sup>85</sup>**

Reg. Separate  
Items 279.85

SYSTEM  
**249<sup>00</sup>**

- Realistic STA-700 Low-Profile High-Tech AM/FM Stereo Receiver
- Two Minimus-7 Speaker Systems With Die-Cast Metal Enclosures



Only \$28 Per Month on CitiLine Credit

**Save \$40<sup>80</sup>**

Reg. Separate  
Items 399.80

SYSTEM  
**359<sup>00</sup>**

- Realistic STA-700 AM/FM Stereo Receiver
- Two Minimus-7 Die-Cast Metal Speakers
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge



Only \$30 Per Month on CitiLine Credit

**Save \$50<sup>75</sup>**

Reg. Separate  
Items 499.75

SYSTEM

**449<sup>00</sup>**

- Realistic STA-700 AM/FM Stereo Receiver
- Two Minimus-7W Walnut Veneer Speakers
- LAB-290 Belt-Drive Turntable With \$29.95 Moving-Magnet Cartridge
- SCP-5 Auto-Reverse Cassette Player



Only \$25 Per Month on CitiLine Credit

**Save \$24<sup>80</sup>**

Reg. Separate  
Items 263.80

SYSTEM  
**239<sup>00</sup>**

- Realistic STA-450 AM/FM Stereo Receiver
- Two Minimus-17 "Cube" Speaker Systems
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover



Only \$27 Per Month on CitiLine Credit

**Save \$40<sup>80</sup>**

Reg. Separate  
Items 339.80

SYSTEM  
**299<sup>00</sup>**

- Realistic STA-450 AM/FM Stereo Receiver
- Two MC-600 Speaker Systems
- LAB-75 Belt-Drive Changer With \$12.95 Magnetic Cartridge



Only \$29 Per Month on CitiLine Credit

**Save \$50<sup>75</sup>**

Reg. Separate  
Items 479.75

SYSTEM

**429<sup>00</sup>**

- Realistic STA-450 AM/FM Stereo Receiver
- Two MC-1201 Speaker Systems
- LAB-77 Belt-Drive Changer With \$19.95 Moving-Magnet Cartridge
- SCT-25 Record/Play Cassette Deck



**Save \$14<sup>90</sup>**

Reg. Separate  
Items 139.90

SYSTEM  
**125<sup>00</sup>**

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Minimus-3.5 Shelf Speaker System With Full-Range 3" Driver



**Save \$20<sup>80</sup>**

Reg. Separate  
Items 229.80

SYSTEM  
**209<sup>00</sup>**

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Two Minimus-3.5 Speaker Systems
- LAB-59 Record Changer With Ceramic Cartridge and Diamond Stylus



Only \$27 Per Month on CitiLine Credit

**Save \$34<sup>75</sup>**

Reg. Separate  
Items 329.75

SYSTEM  
**295<sup>00</sup>**

- Realistic STA-12 AM/FM Stereo Receiver
- Two Minimus-7 Speaker Systems With Die-Cast Metal Enclosures
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover
- SCP-3 Stereo Cassette Tape Player

# DYNAMIC DUO! MATCHING TUNER AND AMPLIFIER



**Exciting Slim-Line Styling and Unique Studio-Type Features**

**BOTH FOR ONLY**

**299<sup>95</sup>**

Only \$27 Per Month On CitiLine Credit

- Voice-Over/Accompaniment Feature Lets You Join in the Music
- Exciting Microphone Echo Function With Variable Intensity Control
- Auto Fade In/Out Eliminates "Pops" When Switching Amp Functions
- Dual 6-Segment LED Power Meters
- 5-Segment LED Signal Strength Meter for Easy FM and AM Tuning

30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

**Realistic ST-500/SA-500.** What a pair! This stereo amplifier and tuner share great styling and a wealth of exclusive features not found in ordinary receivers. Plug in a pair of mikes to add your voice to music, or amplify a guitar—you can even use it as a public-address system. Slide-action controls for bass, treble, mike-level and echo, special "fading green lamp" indicator for Auto-Fade, large volume knob, center-detent balance control, two 1/4" mike inputs and a 1/4" headphone jack. Pushbuttons for phono, tuner, tape, aux and power. Tuner features edge-lit slide-rule dial, LED FM stereo indicator and mono/stereo button. Pushbutton FM muting circuit eliminates interstation tuning noise. Fully protected from overheating and current overload. Come in soon and give this pair a listen! U.L. listed. **31-3011** ..... **299.95**

**Realistic SCT-500A Stereo Cassette Deck.** Logic-controlled solenoid operation with built-in Dolby\* B-C NR. Matches components above. Full details on page 34. U.L. listed. **14-621** ..... **219.95**

## Specifications

**AMPLIFIER.** Response: 15-25,000 Hz  $\pm$  1 dB. S/N: 78 dB phono, 92 dB aux. Phono Overload: 140 mV. **FM TUNER:** Sensitivity (IHF): 2.5  $\mu$ V (13.2 dBf). Capture Ratio: 2.0 dB. S/N: 70 dB. Selectivity: 50 dB. Image Rejection: 44 dB. Stereo Harmonic Distortion: 0.6%. Separation (at 1 kHz): 36 dB. **EXTERNAL CONNECTIONS:** AM and 300-ohm FM antennas, mag. phono, aux, tape in/out, mixed output, speaker pair, one switched and one unswitched AC outlet, phono ground, antenna ground. **SIZE:** 5' 1/16" x 5 3/4" x 12". \*TM Dolby Laboratories Licensing Corp.



Only \$30 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate Items  
**\$60<sup>80</sup> 459<sup>00</sup>** 519.80

- ST-500/SA-500 Tuner/Amplifier
- Two Minimus<sup>®</sup>-7W Speaker Systems
- LAB-290 Turntable With \$19.95 Moving-Magnet Cartridge

Only \$44 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate Items  
**\$100<sup>75</sup> 759<sup>00</sup>** 859.75

- ST-500/SA-500 Tuner/Amplifier
- Two Minimus-50 High-Efficiency Acoustically-Aligned Speakers
- LAB-1500 Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-500A Stereo Cassette Deck

Only \$49 Per Month On CitiLine Credit  
**Save** SYSTEM Reg. Separate Items  
**\$130<sup>70</sup> 859<sup>00</sup>** 989.70

- ST-500/SA-500 Tuner/Amplifier
- Two Nova<sup>®</sup>-500 Speaker Systems
- LAB-395 Direct-Drive Turntable, \$29.95 Moving-Magnet Cartridge
- SCT-500A Stereo Cassette Deck
- Stand With Glass Top and Doors



# BUDGET-PRICED MINI-COMPONENTS SAVE SPACE

## AM/FM Stereo Tuner and Matching Amplifier



**5995**  
Each

- Perfect First System for Music Lovers
- Use Them Together or With Other Components
- Attractive Brushed Aluminum Front Panels

**Realistic TM-102 AM/FM Tuner.** Even at this low price, you get phase-locked loop circuitry for superb stereo, a ceramic filter to sharpen FM reception and a lighted dial. AM antenna, terminals for external FM antenna. 3 1/2 x 9 1/4 x 7". U.L. listed. 31-1964 . . . . . 59.95

**Realistic SA-102 Stereo Amplifier.** Use with a tuner, tape deck, or phono. Mono/stereo button, headphone and tape-out jacks. 3 1/4 x 9 1/4 x 7". U.L. listed. 31-1963 . . 59.95

## Audio Component Stands



**A** **6995**

**B** **13995**

Heavy-duty casters, walnut vinyl veneer.

**A Budget.** Custom-fit for STA-204 receiver system. Adjustable extra shelf for tapes or another component. 39 3/4 x 16 7/8 x 14 1/2". 42-3027 . . . . . 69.95

**B Deluxe.** Tempered glass top and doors. Three shelves and LP storage area. 42 x 22 3/4 x 19". 42-3024 . . . . . 139.95

### 2-YEAR LIMITED WARRANTY

Realistic STA-Series Receivers are warranted against defects for two years from date of purchase. Within this period, we will repair it without charge for parts or labor. Simply bring your sales slip as proof of purchase rate to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



## Stereo Micro Amplifier

**2995**

Inputs for Ceramic Phono, Tuner or Tape Deck

**Realistic SA-10.** Good sound at a bargain price. Stereo/mono button, separate right and left channel volume controls, tone control. 3 1/4 x 7 7/8 x 5 1/2". U.L. listed. 31-1982 . . . . . 29.95



**Save \$1475** SYSTEM **14900**

Reg. Separate Items 163.75

- Realistic TM-102 Mini-Tuner
- Realistic SA-10 Micro-Amplifier
- Two Minimus-0.3 Cube Speakers In Genuine Oiled Walnut Veneer
- Realistic SCP-3 Compact Stereo Cassette Player With Auto-Stop



**Save \$2075** SYSTEM **19900**

Reg. Separate Items 223.75

- Realistic SA-102 Mini-Amplifier
- Realistic TM-102 Mini-Tuner
- Two Minimus-17 Full-Range 5" Genuine Walnut Veneer Speakers
- LAB-90 Turntable With Solid-State Cartridge and Dust Cover

Radio Shack Carries a Complete Line of Patch Cords for Your Convenience

World Radio History

# OPTIMUS® SPEAKERS FOR OPTIMUM ENJOYMENT

## High-Efficiency 3-Way Tower Speaker System in Genuine Walnut Veneer

**NEW FOR '84**



**179<sup>95</sup>**  
Each

Available  
Sept. 30, 1983

- 10" Long-Throw Woofer
- 5" Midrange Driver
- 1" Liquid-Cooled Tweeter

**Realistic Optimus T-120.** A remarkable combination of great looks and great sound! Vertical design saves floor space, too. Sealed, acoustic-suspension enclosure helps produce deep, accurate bass. Dome tweeter is ferrofluid cooled to increase power handling capability, and pours out clean, crisp highs. Removable cloth grille allows access to variable level controls for midrange and tweeter—use them to adjust sound to suit your tastes or listening room acoustics. Hand-oiled walnut veneer and rounded corners make it a real eye-catcher. 40-2047 . . . . . 179.95

**SPECIFICATIONS.** Response: 50-20,000 Hz. Power Handling Capacity: 80 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 35 1/2 x 12 1/2 x 11 1/2"

**How Power Ratings Are Determined.** The figures stated with Realistic speakers indicate the speaker may be used with equipment delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal music source material.

## 3-Way System With Open-Back Midrange and Tuned Port

**NEW FOR '84**



**159<sup>95</sup>**  
Each

- 12" High-Compliance Woofer • 4" Midrange
- 2 1/2" Liquid-Cooled Tweeter • Walnut Veneer

**Realistic Optimus-50.** This exciting high-performance system features a front and rear projecting midrange speaker. Reflected sound radiates back into the listening area for a broad, spacious quality that dramatically enhances the stereo effect. A tuned port extends bass response, tweeter adds crystal-clear highs. Midrange and treble controls. 40-2041 . . . . . 159.95

**SPECIFICATIONS.** Response: 50-20,000 Hz. Power Handling Capacity: 75 watts. System Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 25 x 14 x 10"

### 5-Year Limited Warranty

Realistic MC Series, Nova, Minimus, Optimus and Mach One speaker systems are warranted against defects for five years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply bring your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

# RADIO SHACK—A WORLD LEADER IN SPEAKER SALES

**Mach One® Liquid-Cooled 3-Way Speaker System Delivers Bass You Can Feel!**

**Top of the Line! 3-Way Speaker System With Passive Radiator**



**239<sup>95</sup>** Only \$25 Per Month  
Each On CitiLine Credit

**Realistic Mach One "Liquid Cooled":** One of our most popular speakers ever! Powerful 15" woofer with massive 2-pound magnet pumps out huge volumes of air—you can feel the bass down to 25 Hz. Sectoral midrange and heavy-duty tweeter horns are ferrofluid cooled for increased power handling and improved linear response. Up-front treble and midrange controls. Genuine walnut veneer. 40-4029 . . . . . 239.95

**SPECIFICATIONS.** Response: 25-20,000 Hz Power Handling Capacity: 160 watts Sensitivity: 90 dB (SPL at 1 watt/1 meter) Impedance: 8 ohms Size: 28<sup>3</sup>/<sub>4</sub> x 17<sup>3</sup>/<sub>8</sub> x 12"

## Acoustically Aligned 2-Way System

**129<sup>95</sup>**  
Each

- 8" Long-Throw Woofer
- 10" Passive Radiator
- 2" Liquid-Cooled Tweeter

**Realistic Optimus-40.** You'll hear a truer stereo image with this stylish system! The tweeter is recessed to assure proper phasing of high and low frequencies for exceptional depth and transparency. Variable high frequency control. Genuine walnut veneer. 40-2040 . . . . . 129.95



**SPECIFICATIONS.** Response: 40-20,000 Hz Power Capacity: 75 watts Sensitivity: 87 dB (SPL at 1 watt/1 meter) Impedance: 8 ohms Size: 26 x 14<sup>1</sup>/<sub>2</sub> x 10"



**259<sup>95</sup>**  
Each

Only \$26 Per Month  
On CitiLine Credit

- 10" Long-Throw Woofer • 10" Passive Radiator
- 5" Midrange • 1" Liquid-Cooled Soft-Dome Tweeter
- Furniture-Quality, Hand-Oiled Walnut Veneer

**Realistic Optimus T-300.** For the critical listener. We've employed sophisticated computer-aided design, ferrofluid damping techniques and hand-assembled components to produce an expertly crafted system! A powerful 4.25-pound magnet drives the woofer for deep, tight bass, and the passive radiator extends response down to a solid 44 Hz. Midrange uses a 1.5-pound magnet for increased power handling and excellent transient response. Separate level controls for midrange and tweeter output. Our finest ever—compare its sound with others at twice the price! 40-2042 . . . . . 259.95

**SPECIFICATIONS.** Response: 44-20,000 Hz Power Handling Capacity: 150 watts System Sensitivity: 91 dB (SPL at 1 watt/1 meter) Impedance: 8 ohms Size: 34 x 12<sup>3</sup>/<sub>8</sub> x 14"

# SUPERB-SOUNDING, VALUE-PRICED SPEAKERS



**2-Way System With Tuned Port for Improved Bass**

**9995**  
Each

- High-Compliance 10" Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer Finish

**Realistic Optimus-30.** Efficient bass-reflex design for an excellent low-end response. Screen mesh protected tweeter pours out crystal-clear high frequencies. Response: 55-20,000 Hz. Power handling capacity: 70 watts. Recessed color-coded spring terminals. 22 7/8 x 12 1/4 x 8 5/8". 40-2043 . . . . . 99.95



**2-Way Bass-Reflex System With Decorator Grille**

**NEW FOR '84**

**7995**  
Each

- 8" Woofer • Tuned-Port Design
- 2 1/2" Extended-Range Tweeter
- Genuine Oiled Walnut Veneer

**Realistic Nova\*-4.** Attractive styling and efficient design put this speaker a cut above comparably priced systems. 8" foam-surround woofer pumps out solid bass. Dynamic cone tweeter delivers crisp, clean highs. Response: 60-20,000 Hz. Power handling capacity: 50 watts. Spring terminals. 19 x 10 3/4 x 7 1/2". 40-4031 . . . . . 79.95



**Bass-Reflex System With Polypropylene Woofer**

**NEW FOR '84**

**6995**  
Each

- 8" Woofer • Tuned Port
- 2 1/2" Dynamic Tweeter
- Genuine Walnut Veneer

**Realistic MC-1600.** A hard-to-beat value! Rigid, polypropylene woofer produces incredibly smooth, well-defined bass response. Response: 60-20,000 Hz. Power handling capacity: 55 watts. Removable cloth grille. Spring terminals. 18 x 11 1/2 x 6 3/4". 40-1989 . . . . . 69.95

Available Oct. 30, 1983



**2-Way Acoustic Suspension System**

**5995**  
Each

- 8" Long-Throw Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Oiled Walnut Veneer

**Realistic MC-1201.** Great sound, low price! Long-throw woofer has a 25-square-inch radiating area for clean, well-defined bass. Response: 85-17,000 Hz. Power handling capacity: 50 watts. Removable decorator grille. Recessed phono jack and screw terminals. 17 3/4 x 10 5/8 x 7 1/2". 40-1990 . . . . . 59.95

**2-Way Bookshelf-Sized Speaker System**

**3995**  
Each

- Efficient Long-Throw 6 1/2" Woofer
- 2 1/2" Wide-Dispersion Tweeter
- Genuine Walnut Veneer Finish

**Realistic MC-600.** Small enough to fit easily on most shelves, yet maintains a remarkably smooth and wide frequency response. Cloth grille is removable. Response: 100-18,000 Hz. Power handling capacity: 40 watts. Recessed phono jack and screw terminals. 13 1/2 x 8 7/8 x 5 1/4". 40-1979 . . . . . 39.95



**3-Way Acoustic Suspension System**

**9995**  
Each

**[A] Realistic Nova-500.** 12" woofer, 5" midrange and 3" tweeter for full-range sound. Response: 55-20,000 Hz. Power capacity: 50 watts. Spring terminals. 24 x 15 x 10 1/4". Walnut vinyl. 40-916 . . . . . 99.95

**2-Way Extension**

**2995**  
Each

**[B] Realistic Minimus-19.** 8" woofer, ported enclosure, 3" tweeter, 10 watts. 22 x 12 x 6 1/2". Walnut vinyl. 40-915 . . . . . 29.95

Nominal Impedance of All Realistic Speaker Systems is 8 Ohms

# OUR AMAZING, SPACE-SAVING MINIMUS<sup>®</sup> SPEAKERS

Acoustically Aligned Design  
Improves Stereo Image



**89<sup>95</sup>**  
Each

High-Efficiency  
Tuned-Port Enclosure  
For Deep Bass

Realistic Minimus-50. 6<sup>1</sup>/<sub>2</sub>" woofer and 2" liquid-cooled tweeter are positioned for truer stereo image. Response: 50-20,000 Hz. Power handling capacity: 55 watts. Molded enclosure, metal grille. 15<sup>3</sup>/<sub>4</sub>" x 8<sup>7</sup>/<sub>8</sub>" x 9". 40-2044 . . . . . 89.95

Die-Cast Speaker System  
With Polypropylene Woofer



**NEW**  
FOR '84

**79<sup>95</sup>**  
Each

Realistic Minimus-12. Acoustically aligned for detailed sound with exceptionally smooth bass. Response: 60-20,000 Hz. Power handling capacity: 50 watts. Spring terminals. 10<sup>9</sup>/<sub>16</sub>" x 6<sup>15</sup>/<sub>16</sub>" x 6<sup>5</sup>/<sub>16</sub>". 40-2046 . . . . . 79.95

- 5" Woofer
- 2" Horn-Loaded Cone Tweeter

Elegant Walnut Veneer  
Mini-Speaker



**59<sup>95</sup>**  
Each

- 4" Woofer
- 1" Soft-Dome Tweeter
- Removable Cloth Grille

Realistic Minimus-7W. Same design as our famous Minimus-7, but with genuine oiled walnut finish. This incredible little speaker delivers full-range sound up to 20,000 Hz. Power handling capacity: 40 watts. Spring terminals. 8 x 5 x 4". 40-2039 . . . . . 59.95

## The Famous Minimus-7 Speaker—Praised by Stereo Review

*"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good . . . power handling above average . . . a good buy."*

**49<sup>95</sup>**  
Each

- Long-Excursion 4" Woofer
- 1" Soft-Dome Tweeter
- Die-Cast Metal Enclosure

Realistic Minimus-7. Less than 8" high, yet you get outstanding bass and crystal-clear highs in apartment, dorm, car—anywhere! Deluxe crossover for smooth response without artificial "peaks". Hanger slots and recessed spring terminal connectors for easy wall mounting. Power handling capacity: 40 watts. 7<sup>1</sup>/<sub>16</sub>" x 4<sup>7</sup>/<sub>16</sub>" x 4<sup>5</sup>/<sub>16</sub>".

Black 40-2030/Silver, 40-2034 . . . . . 49.95  
Mounting Brackets. 40-2031 . . . Pair 14.95



\*Quoted excerpted with permission from STEREO REVIEW Aug. 1979 article "Nine Realistic Minispeakers" © 1979 Ziff-Davis Publishing Co. All rights reserved.

## Great Sound for Home or Car

**19<sup>95</sup>**  
Each

- Just 5<sup>5</sup>/<sub>8</sub>" High
- Extraordinary 3" Speaker
- Removable Steel Grille



Realistic Minimus-3.5. This remarkable little performer puts big sound in the smallest places! High-density molded enclosure. Spring terminals. 5<sup>5</sup>/<sub>8</sub>" x 3<sup>5</sup>/<sub>8</sub>" x 3<sup>5</sup>/<sub>8</sub>".

40-1996 . . . . . 19.95  
Mounting Brackets. 40-1997 . . . Pair 9.95

## Mini-Extension Speakers



**A 12<sup>95</sup>** Each      **B 19<sup>95</sup>** Each      **C 14<sup>95</sup>** Each

- A** Minimus-3. 5" driver, walnut vinyl veneer. 7 watts. 10 x 8<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>2</sub>". 40-913 . . . . . 12.95
- B** Minimus-8. 4" driver, walnut vinyl veneer. 10 watts. 9<sup>3</sup>/<sub>4</sub> x 5<sup>7</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>8</sub>". 40-216 . . . . . 19.95
- C** Minimus-0.5. Metal frame, walnut vinyl veneer. 10 watts. 6<sup>3</sup>/<sub>8</sub> x 4<sup>7</sup>/<sub>8</sub> x 4<sup>1</sup>/<sub>8</sub>". 40-1995 . . . . . 14.95

## Walnut Veneer Cube Speakers



**D 11<sup>95</sup>** Each      **E 21<sup>95</sup>** Each

- D** Minimus-0.3. Great as extensions for personal stereos. 3" driver. 7 watts. 4 x 4 x 3<sup>3</sup>/<sub>8</sub>". 40-1250 . . . . . 11.95
- E** Minimus-17. Sealed walnut veneer enclosure with an amazing 5" full-range driver. Wire mesh grille. 15 watts. 6<sup>1</sup>/<sub>2</sub> x 6<sup>1</sup>/<sub>2</sub> x 6". 40-225 . . . . . 21.95

Was \$24.95 in 1983 Catalog

## Super-Tweeters Add Brilliance To Any Speaker System



**F 350** 17<sup>95</sup> Each      **G 350** 12<sup>95</sup> Each

- Was \$19.95 in 1983 Catalog
- F** Dynamic. Extends response to 40,000 Hz. Mounts in or outside of enclosure. Power capacity, 50 watts. 40-1310 . . . . . 17.95
- G** Piezo. Response to 27,000 Hz. Burnout-proof. Sensitivity 96 dB (SPL at 1 meter/1 watt). 75 watts. Easy parallel hookup. 40-1380 . . . . . 12.95

# UPGRADE WITH TWEETERS & MIDRANGE SPEAKERS

Leaf Tweeter for Superb Highs | Wide-Dispersion Dome Tweeters for Smooth, Accurate Sound



**NEW FOR 84**

**14.95**

- Ultra-Wide 5-50 kHz Frequency Range
- 30 Watts Power Handling Capacity

Advanced design for exceptionally detailed high frequencies to an incredible 50,000 Hz! Wide dispersion characteristics provide brilliant sound throughout the listening area. SPL: 91 dB (1W/1M) 9 5-oz magnet 8 ohms. 40-1375 . . . . . 14.95



**NEW FOR 84**

**7.95**

Polycarbonate Hard Dome



Available Sept. 30 1983  
Polypropylene Dome **9.95**



**350 NEW LOW PRICES!**

**9.95**

Mylar Dome Was \$10.95 in 1983 Catalog

These lightweight tweeters react quickly to input for excellent transient response. Their smooth, "natural" sound character is further enhanced by exceptional dispersion qualities. This in turn gives you detailed stereo imaging without narrow "beaming" effect 8 ohms.

Fig.	Size	Power Nom./Max. (watts)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magn. Wt. (oz.)	Cat. No.	Each
A	1"	20/40	3-30	91	0.6	40-1376	7.95
B	1"	20/40	3-20	91	4.3	40-1374	9.95
C	1"	20/40	6-20	87	5.4	40-1276	9.95

## Midrange Speakers



**350 NEW LOW PRICES!**

**9.95** Was \$11.95 in 1983 Catalog



**350 NEW LOW PRICES!**

**14.95** Was \$17.95 in 1983 Catalog

**D** 3" Dynamic Midrange/Tweeter. Add to any woofer for a 2-way system with great mids and highs 30 watts. Response: 700-20,000 Hz. SPL: 89 dB (1W/1M). 3-oz magnet 8 ohms. 40-1289 . . . . . 9.95

**E** Wide-Dispersion Soft-Dome Midrange. 70 watts. Response: 1500-10,000 Hz. SPL: 86 dB (1W/1M). 10 8-oz magnet 8 ohms. 40-1281 . . . . . 14.95

## Solid-State Piezo Tweeters for High-Output Applications



**E**

**G**



**H**



**J**

- Easy Parallel Hookup—No Crossover Required
- Virtually Burnout-Proof

Improve the sound of your present speaker system with crisp, clean highs and superior sound fidelity. These high-performance tweeters employ a ceramic driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing" 8 ohms

Fig.	Description	Power Nom./Max. (watts)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Cat. No.	Each
F	2 x 6" Horn	30/75	2-25	94	40-1379	14.95
G	3 5" Super Horn	30/75	5-25	95	40-1381	12.95
H	3 75" w/Dome	40/75	4-20	91	40-1382	8.95
J	2" for Home Car	40/75	5-25	93	40-1383	4.95

## Dynamic Tweeter Horns



**350 NEW LOW PRICES!**

**7.95** Was \$8.49 in 1983 Catalog



**350 NEW LOW PRICES!**

**11.95** Was \$12.95 in 1983 Catalog

These quality horns deliver wide, controlled sound dispersion patterns. Ideal for use where high penetration levels are desired. Dynamic elements provide life-like reproduction of percussive and brass instruments 8 ohms

Fig.	Description	Power Nom./Max. (watts)	F <sub>0</sub> (Hz)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magnet Wt. (oz.)	Cat. No.	Each
K	2" x 6"	20/50	2500	6-16	98	2.75	40-1278	7.95
L	3" x 6"	12/30	1500	5-17	96	2.75	40-1228	11.95

## Dynamic Cone Drivers



1 3/4" Tweeter

**5.95**



Ferrofluid-Cooled 4" Midrange

**9.95**

Enjoy extended high and mid-frequency response with these affordably priced cone drivers. 8 ohms

Fig.	Power Nom./Max. (watts)	F <sub>0</sub> (Hz)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magnet Wt. (oz.)	Cat. No.	Each
M	20/50	1700	5-20	91	2	40-1270	5.95
N	20/50	550	1.5-11	92	2.8	40-1282	9.95

## Dynamic Protectors



For Tweeters **4.99** Pair

Protects tweeter from overload. Increases power rating. Virtually inaudible operation. For two or three-way systems. Easy hookup. 40-301 . . . . . Pair 4.99

## Speaker Enclosure Construction Manual



Everything You Need to Know **4.95**

Chapters on how speakers work, closed-box and tuned-port designs, PA, testing, more. 62-2309 . . . . . 4.95

# SPEAKERS FOR CUSTOM SYSTEMS & REPLACEMENT

## Long-Throw 4" and 6½" Woofers for Car or Home



**A** **NEW FOR 84** **995** **B** **NEW LOW PRICES** **350** Was \$17.95 in 1983 Catalog **1595**

Long-throw design allows maximum cone movement to produce solid bass from a compact speaker. Color-coded terminals. 8 ohms

Fig	Size	Power Cap (watts)	Effect. Freq. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>T</sub>	M <sub>as</sub> (oz.)	SPL 1W/1ft (dB)	Magnet Wt. (oz.)	Cat. No.	Each
A	4"	10	55-5000	55	35	23	84	8	40-1022	9.95
B	6½"	50	50-5000	45	40	12	90	9.8	40-1009	15.95

## 8" and 10" Foam-Surround Woofers for Extended Bass



**C** **1995** **D** **2495**

These speakers deliver clean, "gutsy" bass. High-temperature voice coils for reliability. Mounting gaskets included. 8 ohms

Fig	Size	Power Cap (watts)	Effect. Freq. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>T</sub>	M <sub>as</sub> (oz.)	SPL 1W/1ft (dB)	Magnet Wt. (oz.)	Cat. No.	Each
C	8"	50	3-3000	30	46	2.15	82	16	40-1086	19.95
D	10"	50	10-4000	40	93	4.3	91	12	40-1331	24.95

## 8" & 12" Polypropylene Woofers



**E** **NEW FOR 84** **1995** **F** **2995**

Light, rigid cone is designed to deliver exceptional low-frequency smoothness. 8 ohms.

Fig	Size	Power Cap (watts)	Effect. Freq. Range (Hz)	F <sub>0</sub> (Hz)	Q <sub>T</sub>	M <sub>as</sub> (oz.)	SPL 1W/1ft (dB)	Magnet Wt. (oz.)	Cat. No.	Each
E	8"	50	30-3000	30	41	2.55	89	10	40-1021	19.95
F	12"	50	20-2000	20	76	12	89	16	40-1022	29.95

## 8" Full-Range Speakers



**G** **NEW LOW PRICES** **350** **595** Was \$6.95 in 1983 Catalog **H** **NEW LOW PRICES** **350** **1595** Was \$17.95 in 1983 Catalog

Perfect for sound reinforcement or background music systems. Use for clubs, schools, offices, rec room, and other applications. 8 ohms

Fig	Size	Power Nom. Max (watts)	F <sub>0</sub> (Hz)	Eff. Freq. Range (Hz)	SPL 1W/1ft (dB)	Magnet Wt. (oz.)	Cat. No.	Each
G	8"	5/10	75	75-20K	88	2.8	40-1271	5.95
H	8"	4/10	90	90-20K	87	5.3	40-1272	7.95
I	8" w/Whizzer	30	57	57-16K	93	9.4	40-1286	15.95

## Multi-Use Wide-Range Speakers



**J** **NEW LOW PRICES** **350** **Low As 189** **K** **NEW LOW PRICES** **350** **Low As 595**

Great-sounding speakers for everything from replacements in portables to custom-built systems, ceiling installations, more! 8 ohms

Fig	Size	Power Nom. Max (watts)	Eff. Freq. Range (Hz)	Magnet Wt. (oz.)	Cat. No.	Low Price	New Low Price
J	3"	2.0	—	0.4	40-248	2.99	2.19
J	2½"	0.5	—	0.4	40-246	2.49	1.89
J	2"	0.5	—	0.4	40-245	2.49	1.89
K	6" w/Whizzer	7/20	55-12K	5.8	40-1265	12.95	11.95
—	6"	2/5	90-12K	2.8	40-1242	6.49	5.95

## 15" Musical Instrument Speaker —100-Watt Power Capacity—

**3995**

Heat-Proofed to Resist Fracture and Burnout



Favorite of musicians everywhere! Designed for heavy-duty use. 8 ohms impedance

Power (watts)	F <sub>0</sub> (Hz)	Response (Hz)	Magnet (oz.)	SPL (dB)	Cat. No.	Each
100	62	62-3000	34.25	91.5	40-1315	39.95

## Solid Steel Ceiling Speaker Grille



**499** White Enamel Finish

For mounting 8" speakers in ceiling. With hardware. (Use with 40-1271/1272/1286 above.)  
40-1223 . . . . . 4.99

## Universal Three-Way Crossover



**NEW LOW PRICES** **350** **1795**

Was \$18.95 in 1983 Catalog

Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz Cut-off rate: 6 dB per octave. 100 watts. 40-1299 . . . . . 17.95

## L-Pad Speaker Level Control

**695**

Handles Up to 75 Watts

Use to control tweeter or midrange output to match woofer output. Or control volume of any 8-ohm speaker. 40-977 . . . . . 6.95



## Custom Speaker Terminal Plates



**199**

- Spring Jacks
- Phono or ¼" Phone Jack

Recessed design lets you put enclosure near wall. Centered RCA-type phono jack with plug to maintain acoustic "seal". 274-625 . . . . . 1.99  
As above, but with ¼" phone jack instead of phono jack. With seal plug. 274-624 . . . . . 1.99

## Universal Two-Way Crossover



**NEW LOW PRICES** **350** **995**

Was \$10.95 in 1983 Catalog

Choice of three crossover points: 2000 Hz, 2500 Hz or 4000 Hz. Cut-off rate: 6 dB per octave. 100 watts. 40-1296 . . . . . 9.95

## Acoustic Insulation

For Custom Builders **219**

Fiberglass. For damping speaker enclosures. One square yard. 42-1082 . . . . . 2.19



# REALISTIC® HI-TECH LINEAR TRACKING TURNTABLES

Top-of-the-Line! Direct-Drive  
With Built-in Microprocessor



**NEW  
FOR '84**

**219<sup>95</sup>**

- Plays Discs the Same Way They Were Originally Cut
- Logic-Controlled Tonearm for Absolute Zero Tracking Error
- 2-Speed Bidirectional "Search" Pushbuttons Control Tonearm
- Countersunk Neon Stroboscope With Accurate Pitch Control
- Convenient Front-Access Controls
- LED Indicators for Disc Size, Speed, Repeat and Power-On
- Clean, Low-Profile Styling

**Realistic LAB-2100.** Our finest turntable ever! Built-in computer circuitry monitors and adjusts the straight-line, low-mass tonearm, keeping the stylus at the correct angle to the groove at all times. You get perfect tracking at every point on the disc, from beginning to end—which means superior sound and preservation of your valuable records. Soft-touch pushbuttons provide complete fingertip control. Press the play/cut button for fully automatic operation, or use the cue and forward/backward buttons to maneuver the arm to any point on the record. With the LAB-2100, you never have to touch the tonearm. Repeat button with LED lets you continuously replay one side of a record. Rumble: -75 dB. Wow and flutter: less than 0.025%. 4<sup>1</sup>/<sub>2</sub> x 13<sup>3</sup>/<sub>4</sub> x 15". U.L. listed. 42-2911 ..... 219.95

Includes Realistic/  
Audio Technica  
Dual-Magnet  
Cartridge



## Belt-Drive Automatic With Cover-Mounted Tonearm and Programmable Repeat

**NEW  
FOR '84**

**159<sup>95</sup>**

- Non-Contact, Photo-Sensing Size Finder Automatically Detects Size of Disc
- Repeat One Side of a Record—Or Your Favorite Cuts—Up to 16 Times



Includes Realistic/  
Audio Technica  
Dual-Magnet  
Cartridge



**Realistic LAB-1500.** The latest in audio technology! Logic-controlled linear tracking duplicates the path of the cutting lathe which "mastered" the record. Distortion is reduced to the vanishing point, giving you the excellent sound reproduction audiophiles demand. "Search" pushbuttons let you move the tonearm forward or backward to any point on the record. Sleek, space-efficient styling. LED repeat indicator. Rumble: -70 dB. Wow and flutter: 0.045%. 3<sup>5</sup>/<sub>8</sub> x 12<sup>5</sup>/<sub>8</sub> x 12<sup>5</sup>/<sub>8</sub>". U.L. listed. 42-2909 ..... 159.95



You Never Have to Touch the Tonearm!

All Realistic Turntables Include Base, Dust Cover and Cartridge—No Extras to Buy



# NEW LOW PRICES ON OUR PRECISION TURNTABLES

## Fully Automatic Direct-Drive With Selectable Repeating Play

ONE OF OVER 350 NEW LOW PRICES

**179<sup>95</sup>**

Was \$219.95  
in 1983 Catalog

- Convenient Front-Access Controls
- Built-In Strobe with Neon Lamp • Pitch Control
- Straight-Line Tonearm for Excellent Tracking
- Adjustable Tracking and Anti-Skate Controls

Realistic LAB-440. Features include repeat button for continuous replay of one record, damped cue/pause lever, auto-start, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.035%.  $5\frac{1}{8} \times 16\frac{17}{32} \times 14\frac{9}{16}$ ". U.L. listed. 42-2976 ..... 179.95



Includes \$39.95  
Realistic/Shure  
Moving-Magnet  
Cartridge



## High-Performance Direct-Drive With Easy-to-Use Front-Access Controls

ONE OF OVER 350 NEW LOW PRICES

**129<sup>95</sup>**

Was \$159.95  
in 1983 Catalog

- Straight-Line Tonearm With Counterbalance
- Built-In Stroboscope, Neon Lamp and Variable Pitch Control Make Accurate Speed Adjustments
- Anti-Skate Control Helps Prevent Record Wear

Realistic LAB-395. Great features, low price! Controls are located out front—no need to raise dust cover. Damped cueing, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.05%.  $5\frac{1}{4} \times 16\frac{5}{8} \times 14\frac{7}{8}$ ". U.L. listed. 42-2977 ..... 129.95



Includes \$29.95  
Realistic/Shure  
Moving-Magnet  
Cartridge



## Value-Priced Belt-Drive Automatic Offers Quiet, Dependable Operation

ONE OF OVER 350 NEW LOW PRICES

**99<sup>95</sup>**

Was \$139.95  
in 1983 Catalog

- Straight-Line Tonearm Design for Low Distortion and Exceptional Tracking
- Powerful, Constant-Speed DC Servomotor
- Damped Cue/Pause Lever
- Anti-Skate Control

Realistic LAB-290. Belt drive absorbs vibrations, so you hear only the music. Adjustable tracking minimizes record wear. Auto arm-return and shut-off. Rumble: -70 dB. Wow and flutter: less than 0.05%.  $5\frac{1}{8} \times 16\frac{17}{32} \times 14\frac{9}{16}$ ". U.L. listed. 42-2978 ..... 99.95



Includes \$19.95  
Realistic/Shure  
Moving-Magnet  
Cartridge



Turntables on These Two Pages Have  $33\frac{1}{3}$  and 45 RPM Speeds—45 RPM Adapter Included

# RECORD CARE AND CLEANING ACCESSORIES

## Revolutionary Silicone Roller Record Cleaner



**NEW  
FOR '84**

**695**

Provides Years  
Of Effective  
Cleaning Action

The silicone rolling cleaner's positive lifting-action removes dust and dirt from record grooves and leaves absolutely no residue. Roller cleans easily with water. Molded handle. 42-201 ..... 6.95

## Anti-Static Carbon Fiber Record Brush With Velvet Handle



**495** Was \$7.95 in  
1983 Catalog

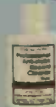
**ONE  
OF  
OVER  
350  
NEW LOW PRICES**

Removes surface dust the professional way—over one million static-cutting fibers thoroughly deep-clean your discs for prolonged record and stylus life. 42-112 ..... 4.95

## Deluxe Hydro-Stor Record Care System



**995**



**With  
Fluid**

An exclusive fluid storage and distribution medium allows the perfect amount of vapor to penetrate the velvet-surfaced cleaner. Creates a field of humidity that reduces static charges and cleans records. 42-102 ..... 9.95

## Budget Hydro-Stor Cleaning System



**495**

Velvet-covered cleaner helps protect your records. With fluid. Wood handle. 42-101 ..... 4.95

## Wet-or-Dry Cleaner



**299**

Velvet-covered ionizer/cleaner removes dust and dirt, fights static. 42-130 ..... 2.99

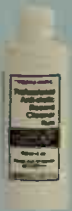
## Easy-to-Use Cleaner



**199**

The lowest cost way to protect and prolong record and stylus life. 42-135 ..... 1.99

## Anti-Static Fluid



**199**

**Controlled  
Flow Tip**

Cleans records and styli. Usable with all fine cleaners 4 oz. 42-105 ..... 1.99

## Low-Cost LP Spray Cleaner



**139**

**With  
Cloth**

Sprays away record noise and wear. 42-2500 ..... 1.39

## Stylus Cleaner



**159**

**Includes  
Lint-Lift  
Brush**

Removes harmful particles from stylus. 42-1074 ..... 1.59

## Turntable Mat



**395**

- Anti-Static
- Anti-Resonant

Carbon/impregnated foam cuts 'crackle and pop' 42-362 ..... 3.95

## Glass Fiber Head Shell



**599**

Lightweight housing fits most straight-line tonearms. Mtg hardware. 42-2699 ..... 5.99

## Replacement Head



**499**

**Low Mass**

Fits most S-shaped tonearms. With mtg hardware 42-2752 ..... 4.99

## Record Sleeves



**239**

**Pack of 10**

Vinyl lined. Fit all LPs. Protect your records. 42-132 ..... 2.39

## 40-LP Record Rack



**Get  
Organized 359**

A neat way to store and protect your record collection. 42-136 ..... 3.59

## Foam Phono Cushions



**Low  
As**

**99¢**

**10" and 12" Sizes**

Anti-resonant support. 10" 42-360 ..... 99¢  
12" 42-361 ..... 1.39

## Clip-On Disc Brush



**79¢**

Fits onto tonearm, cleans records as they play. 42-1073 ..... 79¢

## 45-RPM Adapters



**A** Manual. Fits over standard spindle. 42-120 ..... 49¢  
**B** Inserts. Snap into 45-RPM discs. 42-103 ..... 40/1.09

## 45-RPM Auto Spindle



**179**

Fits most standard Realistic and BSR changers. 42-3000 ..... 1.79

# REALISTIC/SHURE MOVING-MAGNET CARTRIDGES

Discover the Accuracy of Our Realistic/Shure RXT4

Dynamic Stabilizer With Viscous Damping Assures Outstanding Sound—Even on Warped Records

**49.95**

Our best in every way! Use with any turntable capable of tracking at 1 1/2 grams or less. Telescoping stylus for unmatched trackability at an ultra-light 3/4-1 1/2 grams—even on the new super discs. Lowest distortion elliptical stylus (5 x 18 microns) Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side-Guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush. Upgrade the sound of your system with this high-quality cartridge! 42-2773 ..... 49.95



**NEW FOR 84**



**19.95**

**Hi-Value Hi-Fi**

Elliptical diamond stylus for lower distortion (10 x 18 microns) 20-20,000 Hz response. Tracks at 2.5-3.5 grams. 42-2777 ..... 19.95

Realistic/Shure R25XT

**NEW FOR 84**



**29.95**

**Wide Dynamic Range**

Features of R25XT, plus high trackability from 1.75-2.25 grams. 20 dB channel separation. Elliptical diamond. 42-2778 ..... 29.95

Realistic/Shure R47XT

**NEW FOR 84**



**39.95**

**Ultra-Light Tracking**

Smooth 20-20,000 Hz response for high-definition Tracks at 1-1.5 grams. Elliptical diamond stylus. 42-2779 ..... 39.95

Realistic/Shure R1000XT

## Elliptical Diamond Styli for Realistic/Shure Cartridges

**NEW FOR 84**



**14.95**

Replaces R25, Shure M71, M 7 5 E C S series. 42-2780 ..... 14.95

R3X

**NEW FOR 84**



**19.95**

Replaces R47, Shure M70, M75 series. 42-2781 ..... 19.95

R5X

**NEW FOR 84**



**24.95**

Replaces R27, Shure M73/75E series. 42-2782 ..... 24.95

R6X

**NEW FOR 84**



**27.95**

Replaces R1000, Shure M90, M75 T-2 series. 42-2783 ..... 27.95

R8X

## Realistic/Shure Elliptical Stylus

**NEW FOR 84**



**37.95**

Replaces RXT4 and Shure M97ED cartridges. With damped dynamic stabilizer. 42-2784 ..... 37.95

R9X

## Budget Cartridge



**12.95**

QLM30 MK III

Diamond conical stylus. 20-20,000 Hz response. Tracks 3-5 grams. Easy-mount adapter. 42-2772 ..... 12.95

## Plug-In Cartridge

**NEW FOR 84**



**29.95**

RX1500

Tracks at 1-1.5 grams for linear tracking turntables. Elliptical stylus. 15-25,000 Hz response. 42-2775 ..... 29.95

## Protect Your Records With Diamond Replacement Styli

**3.99 Each**

A	B	C	D	E
F	G	H	I	J
K	L	M	N	O
P	Q	R		

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>ASTATIC</b>			
A	42-2813	R-3	314, 420, 422, 424, 426
B	42-2817	RS-25	70, 74, 76, 80, 86 Stereo
C	42-2804	RS-67	140, 142 Stereo

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>BSR</b>			
D	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1
E	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H
F	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
G	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>TETRAD</b>			
K	42-2802	RS-98	51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T5OHD
L	42-2889	RS 91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD
M	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T2OMD
N	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-0/1/2/3, T3/30MD
O	42-2901	RS-204	T5OHD

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>ELECTRO-VOICE</b>			
H	42-2890	RS-109	168, 198, 199, 275, 277

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>GENERAL ELECTRIC</b>			
J	42-2899	RS-161	C-660

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>VARCO</b>			
P	42-2805	RS-100	CN60, 65, 68, 70, 72, 75
Q	42-2839	RS-141	TN4A, TN4B

**Sapphire Kiddie Needles**

**2.29** Pkg. of 2

42-2750

Fig.	Cat.No.	Model	Cartridge or Stylus No.
<b>ASTATIC</b>			
R	42-2900	RS-120	N-50/51/56/58/62/63/68 70/72/76

**ATN-771E Stylus**

**9.95**

For Audio-Technica AT-70, AT-71, AT-71E. Tracks 1 1/2-2 1/2 grams. 42-2774 ..... 9.95

**RT1500 Stylus**

**NEW FOR 84**

**19.95**

For RX1500, AT102P, AT102/112/122EP. Tracks 1-1.5 grams. 42-2776 ..... 19.95

**RSK8C Diamond**

**9.95**

For QLM30 and ADC K series. Conical. 42-2771 ..... 9.95

**RS50E Elliptical**

**19.95**

For ADC QLM34 MK III, P32, K5E. 42-2759 ..... 19.95

**DAT-2 Stylus**

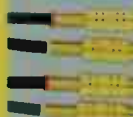
Conical. For Pickering V15/AT-2, V15/AT-1, V15ATM, KLH, similar systems. 42-2484 ..... 10.95

**DATE-4 Stylus**

Elliptical. For Pickering V15/AC, V15/AT, ATE, AM, ATE-4, P/AC, P/AT, P/ATE, most Fisher and Garrard. 42-2485 ..... 18.95

# QUALITY AUDIO CABLES, CONNECTORS, ADAPTERS

## Gold-Plated Patch Cords



**350**  
NEW LOW PRICES  
**995**

Was \$12.95 in 1983 Catalog

MF-200. Maximum fidelity, minimum loss—our best '39" stereo cable with two low-capacitance plated plugs at each end. Approved for video!  
42-2601 9.95

## Stereo Patch Cords



**299**

Length	Cat. No.	Each
36"	42-2351	2.99
72"	42-2352	3.99

## Patch Cables



Low As  
**599**

For adding tape decks, equalizers to your system. 4 phono plugs at each end. 39" long. Was \$6.59 in '83 Catalog. 42-2354 Now 5.99  
NEW! 79": 42-2355 7.99

## Audio Cable Set



**399**

- 36" Long
- Set of Four

Shielded to prevent "hum" pickup and signal loss. RCA-type phono plugs at each end. 42-2309 Set, 3.99

## DIN Patch Cord



**350**  
NEW LOW PRICES  
**499**

Was \$5.49 in 1983 Catalog

Six-foot shielded cable with 5-pin DIN male connectors on each end. Designed for use with European-type hi-fi equipment. 42-2151 4.99

## FM Dipole Antenna



**299**

Get Better Reception!

Superior to built-in and line-cord antennas. Lugs for easy hookup to receiver's 300-ohm antenna terminals. 42-2385 2.99

## Stereo Y-Adapter



**589**

Six-foot cable. 1/4" stereo plug at one end, two phono plugs at the other. Lets you record from headphone jack. 42-2474 5.89

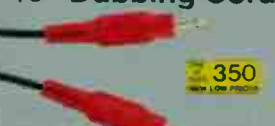
## Stereo Y-Adapter



Low As  
**399**

Connect portables to record from or play through a home hi-fi. 1/4" stereo plug to two phono plugs. 39" long. Was \$4.69 in '83 Catalog. 42-2475 Now 3.99  
NEW! 79": 42-2481 4.49

## 1/8" Dubbing Cord



Was \$3.29 in 1983 Catalog **299**

Six-foot resistor cable with 1/8" phono plugs at each end. Dub from a recorder's earphone jack to mike-input jack of a second recorder. 42-2152 2.99

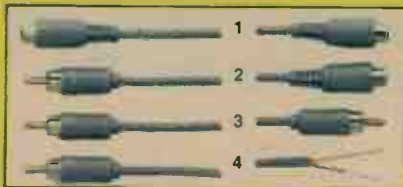
## 1/8" to Phono Plug Dub Cord



Six-Foot Cable **299**

1/8" plug at one end, phono plug at other. Dub from tape-out jack to a recorder's mike input. 42-2461 2.99

## Cables With Phono Connectors

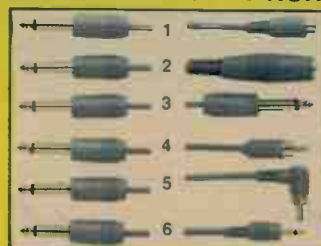


Low As  
**169**

Shielded to Prevent "Hum" Pickup

Fig	Description	In	Cat. No.	Each
1	Phono Jack to Phono Jack	72	42-2358	2.49
1	Phono Plug to Phono Jack	36	42-2357	2.29
2	Phono Plug to Phono Jack	72	42-2357	2.99
2	Phono Plug to Phono Plug	144	42-2357	3.19
3	Phono Plug to Shielded Plug	18	42-2359	1.79
3	Shielded Plug to Phono Plug	36	42-2356	1.89
3	Phono Plug to Phono Plug	72	42-2357	2.19
3	Phono Plug to Phono Plug	144	42-2358	3.09
4	Phono Plug to Shielded, Tinned Wire	36	42-2370	1.69
4	Phono Plug to Shielded, Tinned Wire	72	42-2371	1.89
4	Phono Plug to Stripped, Tinned Wire	144	42-2372	2.19

## Cables With 1/4" Phone Plugs



Low As  
**289**

Shielded

Fig	Description	In	Cat. No.	Each
1	Phone Plug to Phono Jack	72	42-2377	2.89
2	Phone Plug to Inline Jack	144	42-2378	4.19
3	Phone Plug to Phone Plug	72	42-2381	3.29
4	Phono Plug to Phone Plug	72	42-2373	3.19
5	90° Phono Plug to Phone Plug	72	42-2440	2.89
6	Mini Plug to Phone Plug	72	42-2433	2.89

## Cables With 1/8" Mini Plugs



Low As  
**199**

72" Shielded Cables

Fig	Description	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	42-2420	2.29
2	Mini Phone Plug to Mini Phone Jack	42-2472	3.19
3	Mini Phone Plug to Phono Plug	42-2444	1.99
4	Mini Phone Plug to Alligator Clips	42-2421	2.29
5	Mini Phone Plug to Stripped Ends	42-2434	2.29
6	Mini Phone Plug to Stereo Phone Plug	42-2157	2.89

## Mike Cable and Y-Adapter



**499**

**299**

- 25-Ft. Shielded Mike Extension Cord. 1/4" jack at one end, 1/4" phone plug at other. 42-2379 4.99
- Y-Adapter. New Low Price! Plugs one mike into both channels of a stereo recorder. 1/4" jack to two 1/4" phone plugs. Was \$3.99 in '83 Cat. 42-2156 . . . . Now 2.99

## Coiled Guitar Cords

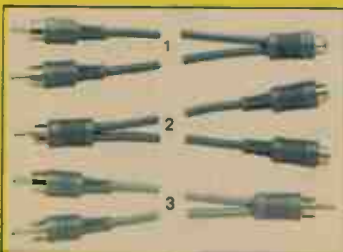


**699**

**499**

- Three feet long, retracted. Extends to 15 feet. Straight 1/4" phone plug to 90° phone plug at other end. 42-2473 6.99
- Three feet long, retracted. Extends to 12 feet. Right-angle (90°) 1/4" phone plugs at each end. 42-978 4.99

## Phono-Plug Y-Adapters

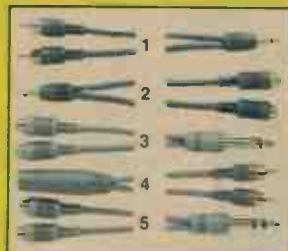


Low As

**199**

- Two RCA-type phono plugs connected to one phono jack with 4" shielded cables. 42-2435 2.59
- One phono plug connected to two phono jacks with 3" shielded cables. 42-2436 2.59
- Two phono plugs connected to one phono plug with 4" shielded cables. 42-2438 1.99

## Assorted Y-Adapters



Low As

**189**

- Flexible Y-Adapter. Two RCA-type phono plugs connected to one 1/8" mini phone plug with 9" shielded cables. 42-2153 1.89
- Flexible Y-Adapter. Two RCA-type phono jacks connected to one 1/8" mini phone plug with 9" shielded cables. 42-2154 1.99
- Flexible Y-Adapter. Two RCA-type phono jacks connected to one 1/2" phone plug with 5 3/4" shielded cables. 42-2150 2.29
- New Low Price! Three-conductor (stereo) 1/4" phone jack connected to two RCA-type phono plugs. Was \$3.59 in '83 Catalog. 42-2471 2.99
- Three-conductor (stereo) 1/4" phone plug to two RCA-type phono jacks. 42-2477 2.59

More Audio Adapters on Page 130

# CUSTOM SPEAKER INSTALLATION ACCESSORIES

## Convenient Stereo Speaker Switch Box



**12<sup>95</sup>**

Handles  
Up to Six  
Speakers

Control living room, bedroom and outdoor speakers from a central location. Select simultaneous or individual use of three pairs of stereo speakers. Rated 10 watts rms. Sturdy molded case. 2 1/8 x 6 x 3 1/4". 40-125 ..... 12.95

## Adjustable Wood Speaker Stands

**24<sup>95</sup>**  
Pair

Lifts speakers seven inches off the floor and properly angles them for a dramatic improvement in sound. Decoupling your speakers from the floor reduces "boominess". Pitched-back angle provides a better phase relationship between speaker elements for more detailed and open midrange. 40-1253 ..... Pair, 24.95



Beautiful Stained Walnut

## Speaker Selector Switch



ONE OF OVER **350** NEW LOW PRICES

**5<sup>95</sup>**

Was \$6.95 in 1983 Catalog

Handles Four Speakers

Controls two pairs of stereo speakers. Select pair one, pair two or both. Non-shorting switch is enclosed in metal case with pre-drilled tabs. Mounting hardware included. 40-130 ..... 5.95

## Stereo Volume Controls



ONE OF OVER **350** NEW LOW PRICES

**9<sup>95</sup>**

75  
Watt



**6<sup>95</sup>**

25  
Watt

Control volume of two 8-ohm speakers. Easy to install—fit standard electrical wall-box or cut-out. With instructions.

75-Watt. Was \$10.95 in '83 Catalog.

40-978 ..... 9.95

25-Watt. 40-979 ..... 6.95

## Mono Volume Controls



**6<sup>95</sup>** 75-Watt



**4<sup>49</sup>** 25-Watt

Control volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure. With complete instructions.

75-Watt. 40-977 ..... 6.95

25-Watt. 40-980 ..... 4.49

## Foam Speaker Grille



**7<sup>95</sup>**  
Each

Acoustically transparent molded material. Includes hook-and-loop fasteners for easy mounting. 17 x 23 1/2 x 3/4".  
Brown. 40-1946 ..... 7.95  
Black. 40-1951 ..... 7.95

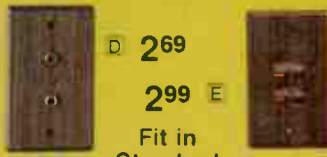
## Speaker Grille Cloth



Color-fast fabrics resist sagging, shrinking, fading. Acoustically transparent.

Fit	Description	Size	Cat. No.	Each
A	Diffuse Brown	36 x 34"	40-1935	6.95
B	Diffuse Black	36 x 34"	40-1935	6.95
C	Basket Weave	30 x 32"	40-1949	5.95

## Speaker Wall Jacks



**2<sup>69</sup>**

**2<sup>99</sup>** E

Fit in  
Standard  
Wall-Box

D Hook up stereo speakers anywhere. Includes two phono plugs. 40-981 ..... 2.69

E Spring-loaded, color-coded terminals. Includes mounting hardware. 40-975 ..... 2.99

## Metal Wall Brackets

ONE OF OVER **350** NEW LOW PRICES

**2<sup>95</sup>**  
Pair

Was \$3.95 in 1983 Catalog



Each Supports Up to 50 Lbs.

Now you can easily wall-mount speakers, yet keep the brackets hidden from view. With screws for hardwood mounting of two speakers. 40-150 ..... Pair 2.95

## Lug-to-Lug Cables For Speakers



Low As **1<sup>59</sup>**

Color-Coded  
For Easy Hookup

Solderless! Perfect for use with extension or main speakers.

Feet	Gauge	Cat. No.	Each
24	18	42-2451	3.99
24	24	42-2446	2.09
12	24	42-2447	1.59

## Plug-to-Lug Cables

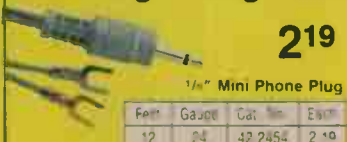


Low As **2<sup>19</sup>**

RCA-Type Phono Plug

Feet	Gauge	Cat. No.	Each
24	18	42-2452	4.29
24	24	42-2450	2.29
12	24	42-2449	2.19

## Mini Plug-to-Lug Cable



**2<sup>19</sup>**

1/4" Mini Phone Plug

Feet	Gauge	Cat. No.	Each
12	24	42-2454	2.19

## Phono Plug Cables



Low As **2<sup>69</sup>**

RCA-Type Plugs  
At Each End

Put Speakers Anywhere!

Length	Color	Gauge	Cat. No.	Each
50 ft.	Brown	18	42-2480	8.49
24 ft.	Brown	18	42-2478	4.69
12 ft.	Brown	18	42-2479	3.69
24 ft.	Gray	24	42-2392	3.19
24 ft.	White	24	42-2430	3.19
12 ft.	Gray	24	42-2445	2.69
12 ft.	White	24	42-2431	2.69

## Speaker Cable With Pin Connectors

NEW FOR '84

**4<sup>69</sup>**



Top-quality 18-gauge copper cable with tinned pins at each end for easy hookup to spring terminal connectors. Pins have color-coded molded finger grips. 24 feet long. 42-2455 ..... 4.69

# STEREO HEADPHONES SURROUND YOU WITH MUSIC

- 20-20,000 Hz
- Volume/Balance Controls
- 30-18,000 Hz
- Large Elements For Solid Bass
- 50-15,000 Hz
- Glide-Path® Controls
- High Efficiency
- Budget Priced

**31<sup>95</sup>**

**24<sup>95</sup>**

**19<sup>95</sup>**

**14<sup>95</sup>**



**A Realistic Nova-PRO.** Great stereo sound at your fingertips! Dual controls let you adjust the volume and balance without leaving your chair. Rugged vinyl drivers, comfortable foam-filled earcushions and padded adjustable headband. 10-ft. coiled cord. 33-1014 ..... **31.95**

**B Realistic Nova-40.** 3 1/2" drivers deliver full-range sound from deep, rich bass to soaring highs. Oversize cushioned earcups, padded, adjustable headband for real comfort. 10-ft. coiled cord. 33-993 ..... **24.95**

**C Realistic Nova-16.** Lightweight for hours of listening pleasure. Adjustable left and right volume levels, balance. Foam-padded, adjustable headband and air-cushion earpads. 6 1/2-foot cord. 33-1019 ..... **19.95**

**D Realistic Nova-10.** Enjoy private stereo with one of our lowest-priced headphones! The 2" drivers provide full bass and the adjustable headband and cushioned earpads give a natural, airtight fit for listening in comfort. 6 1/2-foot cord. 33-1012 ..... **14.95**

Headphones Include 1/4" Plug  
Designed for Low-Impedance Use

## Add Listening Convenience With Earphones and Headphone Accessories

### Earphone With 10-Foot Cord



**NEW FOR 84**

**2<sup>99</sup>**

Fits most portable TVs and recorders. Includes ear hanger clip, 1/8" plug. 33-177 ..... **2.99**



**Stereo/Mono Headset**  
**9<sup>95</sup>**

**Dynamic Elements**  
Lightweight under-chin design. Ideal for dictation or music. 1/4" plug. 8 ohms. 33-196 ..... **9.95**



**Pillow Speaker**  
**2<sup>99</sup>**

**Perfect for Clock Radios**

Listen while resting without bothering others. 1/8" mini plug. 33-206 ..... **2.99**

### Earphones & Extension



**1<sup>49</sup>**

**E** Fits most portable radios and recorders. 3/32" Plug. 33-174 ..... **1.49**

**1<sup>49</sup>**

**F** 1/8" Plug. 33-175 ..... **1.49**

**1<sup>99</sup>**

**E** 20-foot Extension. 1/8" jack and plug. 33-176 ..... **1.99**

### Nova-Fone™ Earphone



**6<sup>99</sup>**

- Comfortable
- Wide Response

A speaker that completely covers your ear—you hear full-range sound. 1/8" plug fits many portables. 8 ohms. 33-1036 ..... **6.99**



### Pillow Speaker With Volume Control

**4<sup>99</sup>**

Slips under pillow for private listening. 1/8" mini plug fits earphone jack of most clock radios and cassette portables. 33-207 ..... **4.99**

### Coiled 24-Foot Cable Extension



**7<sup>99</sup>**

Lets you move about freely. Heavy-duty cable with 1/4" stereo plug and 1/8" jack. 42-2443 ..... **7.99**

### 20-Foot Extension, 1/4" Plug and Jack



**5<sup>69</sup>**

You can easily listen anywhere in the room. Non-coiled flexible cable with 1/4" stereo plug and 1/8" jack. 42-2442 ..... **5.69**

### 20-Foot Extension 1/8" to 1/4" Adapter



**ONE OF OVER 350 NEW LOW PRICES**

**4<sup>99</sup>**

Connects 1/8" stereo mini jack to 1/4" stereo plug. Use your lightweight headphones at home. 42-2460 ..... **4.99**

### 3-Foot Headphone Y-Adapter



**Share the Music** **4<sup>99</sup>**

Private stereo for two. Connects two headphones to a single 1/4" stereo phone jack. 42-2448 ..... **4.99**

### Phone Coupler



**2<sup>99</sup>**

**Enjoy Private Headphone Stereo**

For equipment having no earphone jack—attaches quickly to speaker terminals. 33-1009 ..... **2.99**

# LIGHTWEIGHT HEADPHONES FOR HOME & ON-THE-GO

## Add Comfort and Privacy to Your Home Hi-Fi Listening

**A** Realistic PRO-60. Our finest! Variable-density earcushions fit comfortably around your ear. Feature an "acoustic resistance" for solid bass response with open, transparent midrange and treble. Low distortion—less than 0.5% THD. 10-foot coiled cord. 1/4" plug. 33-999 ... 49.95

**B** Realistic LV-10. Unique electro-acoustical design and 2" dynamic elements deliver all the punch of a "live" rock concert with low distortion. Soft-foam earcushions for hours of comfortable listening. 10-foot lightweight coiled cord. 1/4" plug. 33-1004 ... 39.95

**C** Realistic PRO-30. Low-profile phones are light on the ears and the budget. Low-mass drivers deliver excellent transient response—you hear your favorite music with no coloration. 10-foot lightweight coiled cord. 1/4" plug. 33-995 ... 29.95

- 15-30,000 Hz
- Less Than Eight Ounces

ONE OF OVER **350**  
NEW LOW PRICES

**49<sup>95</sup>**

Was \$54.95 in 1983 Catalog

**A**

- 20-20,000 Hz
- Foam Earcushions
- Under 10 Ounces

ONE OF OVER **350**  
NEW LOW PRICES

**39<sup>95</sup>**

Was \$41.95 in 1983 Catalog

**B**

- 20-20,000 Hz Response
- Planar Drivers

ONE OF OVER **350**  
NEW LOW PRICES

**29<sup>95</sup>**

Was \$34.95 in 1983 Catalog

**C**



## Micro-in-Ear Stereo Earphones



**12<sup>95</sup>**



Slips into outer ear

- 50-20,000 Hz Response
- Weighs Just 0.6 Ounce

Our lightest! Great-sounding phones fit inside ear—no headband. Foam cushions, 4-foot cord, 1/8" plug. With carry pouch. 33-977 ... 12.95

## Low-Cost Stereo Headphones

NEW FOR '84

**9<sup>95</sup>**

Ideal For Personal Portables



Realistic Nova<sup>®</sup>-33. Our lowest priced! Super lightweight design—just 1 1/4 oz. Wide 50-20,000 Hz response. Foam earcushions. 1/8" plug. 4-ft. cord. 33-976 ... 9.95

## Lightweight Micro-Headphones

ONE OF OVER **350**  
NEW LOW PRICES

**13<sup>95</sup>**

Was \$14.95 in 1983 Catalog

- 50-20,000 Hz
- Weigh Less Than 3 Oz.
- Foam Earpads
- Adjustable Headband

Realistic Nova-35. 5-foot cord. 1/8" plug. 33-1035 ... 13.95  
Realistic Nova-50. 1/4" plug. 6 1/2-foot cord. Was \$19.95 in 1983 Catalog. 33-998 ... 17.95



## Handy "Fold-Up" Micro-Headphones

ONE OF OVER **350**  
NEW LOW PRICES

**19<sup>95</sup>**

Was \$21.95 in 1983 Catalog

- 50-20,000 Hz
- 6 1/2-Foot Cord

Realistic Nova-52. Ideal for portable stereos. 1/8" plug. 2.5 oz. 33-979 ... 19.95  
Nova-51. As above, but with 1/4" plug, 3 oz. 33-978 ... 19.95



## Mini Adapter



**2<sup>59</sup>**

1/4" Stereo Jack to 1/8" Stereo Plug

Headphone adapter lets you use your regular stereo phones with your personal portable. 274-366 ... 2.59

## 1/8" to 1/4" Adapters



NEW FOR '84

Low As **2<sup>39</sup>**

**C** Right-Angle 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-371 ... 2.59  
**D** As above, but straight-line. 274-367 ... 2.39

## Mini Right-Angle Adapter



**1<sup>99</sup>**

1/8" stereo phone jack to 1/8" stereo phone plug. 90° bend. For stereo or mono. 274-372 ... 1.99

## Mini Plug Y-Adapter



**2<sup>69</sup>**

Was \$2.99 in 1983 Catalog  
3-conductor plug adapts two 1/8" stereo plugs to one 1/8" stereo plug. 274-313 ... 2.69

## Mono to Stereo Mini Adapter

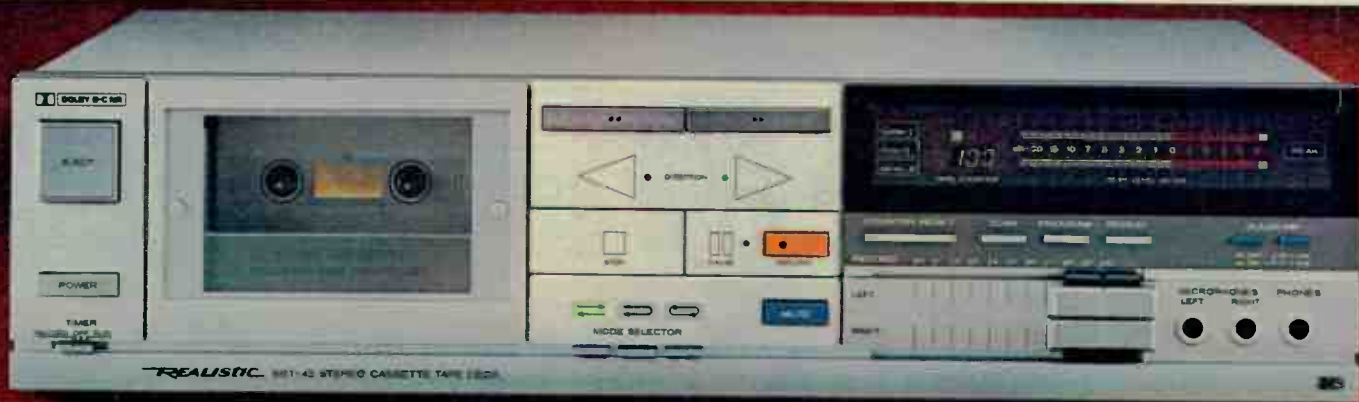


Listen With Both Ears **1<sup>19</sup>**

1/8" mono phone jack to 1/8" stereo phone plug—adapts stereo mini-phones to mono jack. 274-368 ... 1.19

Now Over 6600 Radio Shack Stores and Dealers in the USA Alone—We're Near You

# AUTO-REVERSE PROGRAMMABLE CASSETTE DECK



**NEW FOR '84** **299<sup>95</sup>** Only \$27 Per Month On CitLine Credit

- Solenoid Logic-Controlled • Automatic Metal/CrO<sub>2</sub>/Normal Bias Selector
- 2-Color, 14-Segment Fluorescent Peak Level Meter • Dolby\* B-C NR

Available Sept. 30, 1983

**Realistic SCT-42.** Our best—the new standard in tape control and convenience! Programmable memory skips over unwanted sections—you hear only the songs you desire, in the order you choose. Sample ten seconds of each cut in the scan mode. Repeat a portion of the tape—using both sides if you wish—up to fifteen times. Oversized solenoid “feather-touch” controls let you switch from fast-forward or rewind to play without tape jams. Record mute eliminates noise when editing. Separate sliding record level controls, digital

fluorescent tape counter, two mike jacks. Lighted mode selector lets you choose one side, both sides, or continuous playback of both sides. U.L. listed. **14-628** ..... **299.95**

#### Specifications

Response  $\pm 3$  dB: 45-18,000 Hz (metal), 45-17,000 Hz (CrO<sub>2</sub>), 45-17,000 Hz (normal) Wow and Flutter: 0.04% WRMS S/N: 75 dB Dolby C, 67 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape) Distortion: 1.0% 3rd HD Record/Play Head: Rotating Permalloy Erase Head: Ferrite x 2 Size: 4<sup>5</sup>/<sub>16</sub> x 17<sup>1</sup>/<sub>8</sub> x 11<sup>1</sup>/<sub>16</sub>” \*TM Dolby Laboratories Licensing Corp



## Full-Logic Deck With Dolby B-C and Automatic Search

**NEW FOR '84** **219<sup>95</sup>**

- Feather-Touch Solenoid Controls
- 2-Color, 8-Segment LED Level Meter

**Realistic SCT-500A.** Automatic Search Music System takes you quickly to the previous or next tape selection. Dolby greatly reduces tape hiss and increases dynamic range. Features metal/CrO<sub>2</sub>/normal bias pushbuttons, dual-concentric record level controls, mike/line input selector. U.L. listed. **14-621** ..... **219.95**

#### Specifications

Response  $\pm 3$  dB: 25-17,000 Hz (metal), 25-16,000 Hz (CrO<sub>2</sub>), 25-16,000 Hz (normal) Wow and Flutter: 0.05% WRMS S/N: 75 dB Dolby C, 66 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape) Distortion: 1.0% 3rd HD Record/Play Head: Hard permalloy Erase Head: Ferrite Size: 4<sup>5</sup>/<sub>16</sub> x 16<sup>1</sup>/<sub>16</sub> x 9<sup>1</sup>/<sub>16</sub>”



## Value-Priced Deck With Solenoid Logic-Controlled Operation

**NEW FOR '84** **179<sup>95</sup>**

- Automatic Search • Dolby B-C NR
- 2-Color, 8-Segment LED Level Meter

**Realistic SCT-40.** Loaded with features! Separate right and left record level controls, metal/CrO<sub>2</sub>/normal bias pushbuttons, 3-digit tape counter, LED record, pause and power indicators. MPX filter for clean FM stereo recordings. Adjustable output, mike/line input selector. U.L. listed. **14-622** ..... **179.95**

#### Specifications

Response  $\pm 3$  dB: 27-17,000 Hz (metal), 27-16,000 (CrO<sub>2</sub>), 27-16,000 (normal) Wow and Flutter: 0.05% WRMS S/N: 74 dB Dolby C, 65 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape) Distortion: 1.0% 3rd HD Record/Play Head: Hard permalloy Erase Head: Ferrite Size: 4<sup>1</sup>/<sub>16</sub> x 16<sup>1</sup>/<sub>16</sub> x 9<sup>1</sup>/<sub>16</sub>”

All Realistic Tape Decks Include Patch Cords for Quick, Easy Hookup



# HIGH-SPEED DUBBING STEREO CASSETTE DECK



ONE OF OVER 350 NEW LOW PRICES

**279<sup>95</sup>**

Was \$339.95 in 1983 Catalog  
Only \$26 Per Month On CitiLine Credit

- Make High-Quality Copies in Half the Time • Dolby B NR
- Automatic Search • 2-Color, 5-Segment LED Peak Meter

**Realistic SCT-28.** Now you can duplicate cassettes easily—material on the tape in Deck-1 is electronically transferred to Deck-2 at twice normal speed! Or listen to two cassettes in sequence for continuous music. Both decks feature “soft-touch” controls. Playback-only Deck-1 automatically selects the correct EQ setting. Deck-2 has full record and play capability, with pushbuttons for metal, CrO<sub>2</sub>, and normal cassettes, a fine bias control and dual-concentric level controls. Record mute button lets you edit out errors or record silence

between selections. LED Dolby, dubbing, continuous play, pause and record indicators. Rear-panel output level control. U.L. listed.

14-641 ..... 279.95

#### Specifications

Response: ±3 dB: 20-19,000 Hz (metal), 20-18,000 Hz (CrO<sub>2</sub>), 20-18,000 Hz (normal). Wow and Flutter: 0.07% WRMS. S/N: 65 dB (ref. 3.0% distortion, “A” weighted, metal tape). Distortion: 1.1% 3rd HD. Deck 1 Play Head: Hard permanent. Deck 2 Record/Play Head: Hard permanent. Erase Head: Ferrite. Size: 47½ x 15½ x 9”

## “Soft-Touch” Cassette Deck With Dolby B-C Noise Reduction

NEW FOR '84

**159<sup>95</sup>**

Available Sept. 30, 1983

- Automatic Search Music System
- 2-Color, 7-LED Record Level Meter



#### Specifications

Response: ±3 dB: 25-17,000 Hz (metal), 25-16,000 Hz (CrO<sub>2</sub>), 25-16,000 Hz (normal). Wow and Flutter: 0.06% WRMS. S/N: 73 dB (ref. 3.0% distortion, “A” weighted, metal tape). Distortion: 1.0% 3rd HD. Record/Play Head: Permanent. Erase Head: Ferrite. Size: 47½ x 15½ x 9”

**Realistic SCT-41.** Automatic Search takes you to the next or previous selection at the touch of a button. Bias and EQ selectors for metal, CrO<sub>2</sub>, or normal tapes, switchable MPX filter for clean FM stereo recordings. Separate record level controls, tape counter. U.L. listed.

14-627 ..... 159.95

## Lowest-Priced Cassette Deck With Dolby B Noise Reduction

ONE OF OVER 350 NEW LOW PRICES

**119<sup>95</sup>**

Was \$129.95 in 1983 Catalog

- 2-Color, Fast-Response LED Meters
- MPX Filter Cleans Up FM Stereo



#### Specifications

Response: ±3 dB: 20-14,000 Hz (metal), 20-14,000 Hz (CrO<sub>2</sub>), 20-14,000 Hz (normal). Wow and Flutter: Less than 0.15% WRMS. S/N: 64 dB (ref. 3.0% distortion, “A” weighted, metal tape). Distortion: 1.3% 3rd HD. Record/Play Head: Hard permanent. Erase Head: Ferrite. Size: 47½ x 15½ x 9”

**Realistic SCT-24A.** A high-performance basic deck with surprising features! Dolby B extends dynamic range and lowers hiss. Bias and EQ selectors for metal, CrO<sub>2</sub>, and normal tapes. Soft-eject cassette door, 3-digit counter. Adjustable output level and mike/line input selector. U.L. listed.

14-613 ..... 119.95

See Pages 32, 33 and 50 for a Complete Selection of Headphones and Microphones

# WE'VE GOT THE PLAY/RECORD TAPE DECK YOU WANT



## Auto-Reverse Stereo Cassette Playback Deck for Continuous Music

**99<sup>95</sup>**

- Plays Both Sides of Cassette—Automatically
- Selector for Normal and CrO<sub>2</sub>/Metal Tapes

**Realistic SCP-5.** Adds cassette listening to any system with aux or tape jacks. Special Auto-Reverse feature lets you play both sides of a tape for hours of continuous background music. LED tape direction indicator, tape selector switch and output level control. Pushbuttons for program, rewind, fast-forward and eject. Simulated walnut. 2<sup>3</sup>/<sub>8</sub> x 8<sup>1</sup>/<sub>4</sub> x 9". U.L. listed. 14-619 ..... 99.95

## Stereo Record/Play Cassette Deck

**79<sup>95</sup>**

- Auto-Level for Perfect Recordings—Every Time
- Normal/CrO<sub>2</sub> Tape Selector Switch With LED Indicator

**Realistic SCT-25.** Compact and easy to use. Record your own tapes from radio or phono. Make "live" recordings, too—just add mikes. Pause, tape counter, Auto-Stop, adjustable output level, LED record indicator. Attaches to receiver or amplifier tape jacks. Simulated walnut. 3<sup>1</sup>/<sub>2</sub> x 5<sup>7</sup>/<sub>8</sub> x 9". U.L. listed. 14-616 ..... 79.95



## Low-Cost Stereo Cassette Playback Deck

**49<sup>95</sup>**

- Adjustable Output Level
- End-of-Tape Auto-Stop
- Simply Plug In to Your System's Tape Jacks and Play

**Realistic SCP-3.** Here's an affordable way to add exciting cassette listening to your system. Features positive push-key controls. Plays all standard cassettes. Auto-Stop prevents damage to tapes. Simulated walnut. 3<sup>1</sup>/<sub>2</sub> x 5<sup>7</sup>/<sub>8</sub> x 9". U.L. listed. 14-617 ..... 49.95



## AM/FM Stereo 8-Track Portable Player—Enjoy Your Favorite Music Anywhere

**99<sup>95</sup>**

- Glide-Path® Volume/Balance Controls
- Stereo-Wide Switch for Improved Separation

**Concertmate™-8.** Versatile portable plays your favorite 8-track tapes, FM stereo or AM at picnics, on the beach—wherever you go! Features LED program indicators, tone control, headphone jack. 8<sup>1</sup>/<sub>2</sub> x 13<sup>1</sup>/<sub>2</sub> x 4<sup>1</sup>/<sub>2</sub>". U.L. listed AC operation or eight "D" batteries (not incl.) or optional DC cord. 14-905 ..... 99.95



## Stereo 8-Track Play Deck

**49<sup>95</sup>**

- Play Your Car Tapes at Home
- LED Program Indicators

**Realistic TR-169.** Add 8-track playback to your system and enjoy the convenience of continuous background music. It's also great for "second" systems or tape dubbing. Automatic or manual program change, adjustable output level control. Plugs into your system's tape jacks. 7 x 10 x 4". Simulated walnut. U.L. listed. 14-935 ..... 49.95



# PORTABLE AM/FM STEREO CASSETTE RECORDERS

Detachable 2-Way Speakers, Each With 5" Woofer and 1½" Tweeter

**NEW  
FOR '84**

**LAB-90 Micro  
Turntable**



**59<sup>95</sup>**

The perfect addition to play LP's and 45's through the Modulaire 1000. (See page 26 for full details).



- Dolby<sup>®</sup> B Noise Reduction • Metal/CrO<sub>2</sub>/Normal Tape Selector • Soft-Touch Buttons
- Two 7-LED Record Level Meters • Full Auto-Stop • LED Tuning Indicator

**279<sup>95</sup>**

Only \$26 Per Month  
On CitiLine Credit

TM Dolby Laboratories  
Licensing Corp

**Realistic Modulaire<sup>®</sup>-1000.** A 10-watt stereo component system "to go." Record great-sounding Dolbyized cassettes from radio, optional turntable (above) or "live" with the two built-in condenser mikes. Cassette features separate record level controls, or use ALC (automatic level control) for perfect-volume tapes the easy way. Also features Cue/Review, tape counter and soft-damped cassette door. Separate bass and treble controls. Jacks for headphone, external mikes, magnetic-cartridge turntable, aux and external speakers. Rugged molded case with carry handle. Size (including speakers): 9<sup>3</sup>/<sub>16</sub> x 24<sup>13</sup>/<sub>16</sub> x 5<sup>3</sup>/<sub>16</sub>". U.L. listed AC operation, 10 "D" batteries (not incl.) or DC adapter 14-773 . . . . . 279.95

## Low-Priced AM/FM Stereo Cassette "Carry Around" Component System

- Automatic Record Level for Perfect Recordings Every Time
- Soft-Touch Buttons
- 5-LED Audio/Record Level Meter

**NEW  
FOR '84**

**169<sup>95</sup>**

"Spread-Out" Your Music With the Detachable 2-Way Speakers—Each With 5" Woofer, 1½" Tweeter



**Realistic Modulette<sup>®</sup>-500.** This value-priced, great-sounding 4-watt system is packed with features. Cassette deck has full Auto Stop, tape counter and pause control to make recording easy. Tuner features FM stereo, tuning and power/battery LEDs. Telescoping antenna, plus jacks for external speakers, headphones and external mikes. Size (including speakers): 8<sup>3</sup>/<sub>8</sub> x 22<sup>13</sup>/<sub>32</sub> x 6<sup>3</sup>/<sub>16</sub>". U.L. listed AC operation, eight "D" batteries (not incl.) or DC adapter. 14-782 . . . . . 169.95

Radio Shack CitiLine, American Express, MasterCard and Visa Welcomed at Most Stores

# AM/FM STEREO CASSETTE RECORDERS—TO GO

Our Portable Sound Rivals Home Hi-Fi



**249<sup>95</sup>**

Only \$26 Per Month  
On CitiLine Credit

- Automatic Search Music System
- Powerful 10-Watt Amplifier
- Soft-Touch Cassette Pushbuttons
- 24-LED Audio Level Indicator
- 6" Woofers • Solid-State Tweeters

**Realistic SCR-8.** Take big 2-way speaker sound along! Auto-Search advances tape to the next selection or replays a selection with the push of a button. Record CrO<sub>2</sub>/hi-bias or normal cassettes directly off-the-air or with the built-in mikes. Auto-Level sets recording volume and there's a pause button for editing. Stereo-Wide™ adds life-like depth to the stereo image. Loudness switch increases bass response at low volume. LED search-mode/battery-condition/record indicators. Aux inputs. Jacks for extra speakers, mikes and headphone. Metal brackets for optional shoulder strap. 10 1/2 x 17 1/2 x 5". U.L. listed AC operation, eight "D" batteries (not incl.) or optional DC cord. 14-778 . . . 249.95

## 2-Way Speaker Systems for Superb Sound



**NEW  
FOR '84**

**179<sup>95</sup>**

- Separate 5 1/4" Woofers and Solid-State Tweeters
- Automatic Search Music System Helps Find Selections
- 12-Segment LED Meter for Power, Battery and VU

**Realistic SCR-10.** Hear your favorite music anywhere! Records off-the-air or "live" with built-in condenser mikes. Variable monitor lets you listen at any volume while taping. Loudness switch, FM stereo indicator, variable tone control. Ample 4 watts audio output. Auto-Level recording with Auto-Stop at end of tape, 3-digit tape counter. 9 3/8 x 19 5/8 x 5". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-780 . . . 179.95

## Slim-Styled and Packed With Features



**NEW  
FOR '84**

**119<sup>95</sup>**

- Soft-Eject Cassette Door • Variable Monitor System
- Variable Tone Control and Built-In Loudness
- LED Indicator for Record/Battery and FM Stereo

**Realistic SCR-11.** Lightweight streamlined design makes it easy to tote around. Record stereo cassettes directly off-the-air, with built-in condenser mikes or from aux input. Has pause control for easy editing, tape counter, Auto-Level and jacks for remote mikes, stereo headphone. 5 1/2 x 15 7/8 x 3 3/8". U.L. listed AC operation, six "C" batteries (not incl.) or optional DC adapter. 14-781 . . . 119.95

Finally! Big Stereo Sound in a Small Package!

# VALUES IN AM/FM STEREO CASSETTE RECORDERS

Our Lowest Priced With 2-Way Speakers

Our Lowest Priced With Dual Speakers



Available Sept. 30, 1983

**NEW FOR '84**

**99<sup>95</sup>**

LED Indicators for Power/Battery and FM Stereo

Realistic SCR-12. Deluxe features + low price = great value! Records off radio or with built-in mikes. Variable monitor for listening at any volume while taping off tuner. 8<sup>1</sup>/<sub>4</sub> x 16<sup>1</sup>/<sub>2</sub> x 3<sup>3</sup>/<sub>4</sub>". U.L. listed AC operation, nine "C" batteries (not incl.) or optional DC adapter. 14-783 ..... 99.95



**ONE OF OVER 350 NEW LOW PRICES**

**79<sup>95</sup>**

Was \$99.95 in 1983 Catalog "Sleep" Switch for Radio Auto-Shutoff

Realistic SCR-9. Want to doze off to radio? Just insert a cassette of desired length and set "sleep" switch—radio turns off at end of tape. Five-LED audio level meter, built-in electret mikes, Auto-Level recording Glide-Path<sup>®</sup> volume/balance controls. 8 x 15<sup>1</sup>/<sub>2</sub> x 3<sup>1</sup>/<sub>2</sub>". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. 14-779 ..... 79.95

## Triple Play<sup>®</sup> Portable AM/FM Radio Cassette Recorders

Budget-Priced Solid Performer

AC/Battery for Home or Away

High-Style Ultra-Compact Size



**49<sup>95</sup>**

- Auto Record Level
- Tone Control
- Full Auto-Stop

Realistic CTR-61. Make great-sounding tapes directly from AM/FM or "live" with built-in electret mike. Jacks for remote mike, external speaker. 7<sup>1</sup>/<sub>2</sub> x 10<sup>3</sup>/<sub>4</sub> x 3". Requires four "C" batteries or AC or DC adapter. 14-1001 ..... 49.95



**ONE OF OVER 350 NEW LOW PRICES**

**59<sup>95</sup>**

Was \$69.95 in 1983 Catalog

- 3-Way Power
- Auto-Level • Auto-Stop

Realistic CTR-59. Take this rugged performer on your next outing. Records off-the-air or with built-in mike. Tone control. 8<sup>1</sup>/<sub>4</sub> x 12<sup>1</sup>/<sub>2</sub> x 3<sup>1</sup>/<sub>2</sub>". U.L. listed AC operation, six "C" batteries (not incl.) or optional DC adapter. 14-1009 ..... 59.95



**NEW FOR '84**

**79<sup>95</sup>**

- Variable Monitor—Listen As You Record
- Audible Cue/Review Function

Realistic Minisette<sup>®</sup>-12. Make "live" or "off-the-air" tapes. Cassette deck has pause, Auto-Level. "Sleep" switch, tone control, 2<sup>1</sup>/<sub>2</sub>" dynamic speaker. 5<sup>1</sup>/<sub>8</sub> x 9<sup>1</sup>/<sub>8</sub> x 2<sup>1</sup>/<sub>4</sub>". Requires six "AA" batteries or AC or DC adapter. 14-1012 ..... 79.95

See Page 41 for Our Complete Selection of DC and AC Power Cords and Adapters

# RECORDER WITH VSC\* CUTS PLAYBACK TIME IN HALF



Now You Can "Speed-Listen" at Up to Twice the Normal Speed—With Total Comprehension!

**NEW FOR '84**

**119<sup>95</sup>**

- Amazing Time-Saver for Businessmen, Students And the Visually Impaired
- "Speed-Listen" to Talking Books and Educational Tapes—Works With Any Spoken-Word Cassette
- In/Out Switch Lets You Return to Normal-Speed Without Resetting Controls

### What is VSC?

In the past, speeding up a tape recording produced high-pitched "chipmunk" sounds. Now, with Variable Speech Control\*, you can play a cassette at up to twice the regular speed and still understand every word! The "magic" is a special patented circuit that electronically corrects pitch and shortens pauses between words. For example, you can record an hour-long lecture, business meeting or news program and listen to it later in only 30 minutes! And, since VSC works with spoken-word cassettes recorded on any machine, you can "speed-listen" to talking books, educational tapes and much more.

**Realistic® VSC-1000.** The most versatile cassette recorder we've ever offered! Brings you time-saving VSC at a breakthrough low price. One slide-action control adjusts playback from 80% to two-times normal speed. Another slide control adjusts pitch for easy understanding. A switch takes you from "speed-listening" to normal speed and back without affecting settings. All the "standard" features, too. Pause control for easy editing while you record, cue/review and tape counter to help find selections, end-of-tape Auto-Stop, automatic record-level control. Has a built-in electret mike, LED record/battery indicator, jacks for remote control mike, aux input, stereo/mono headphone with 1/4" plug, and an external speaker. 2 1/4 x 10 x 6 7/8". U.L. listed AC operation, six "C" batteries (not incl.), or optional DC adapter. **14-1002** . . . . . **119.95**

\*VSC and Variable Speech Control are trademarks of Variable Speech Control Co.

## Personal-Size Recorder With Cue/Review



**59<sup>95</sup>**

Was \$69.95 in 1983 Catalog

- Built-In Electret Mike
- Auto-Level • Auto-Stop

**Realistic CTR-58.** Cue/review and tape counter help you locate selections. Features a pause control for easy editing while you record, LED battery condition/record indicator, jacks for remote control mike, external speaker. 4 1/4 x 6 3/4 x 2". Requires four "AA" batteries or AC or DC adapter. **14-1008** . . . . . **59.95**

## Ultra-Slim Recorder With Variable Tone Control



**59<sup>95</sup>**

Was \$69.95 in 1983 Catalog

- Cue/Review Locator
- Auto-Stop • Auto-Level

**Realistic Minisette -9.** No bigger than a small book, yet has big features. Built-in electret mike, pause control, tape counter, LED record/battery indicator. Jacks for remote control mike, external speaker. 1 5/16 x 7 3/16 x 4 9/16". Requires four "AA" batteries or AC or DC adapter. **14-812** . . . . . **59.95**

## Desktop Recorder With Switchable Auto-Level



**69<sup>95</sup>**

- Cue/Review • Auto-Stop
- Pause and Tone Controls

**Realistic CTR-51.** Select Auto-Level for voice or manual record level for high-quality music tapes. Record-level/battery meter, electret mike, tape counter. Jacks: remote mike, aux input, external speaker. 2 3/16 x 10 x 6 7/8". U.L. listed AC operation, four "C" batteries (not incl.) or DC adapter. **14-813** . . . . . **69.95**

# "TAKE-ALONG" CASSETTE RECORDERS AND PLAYERS

## Slim-Style Portables With Built-In Electret Mikes and Slide-Out Handles

**A Realistic CTR-60.** Tape counter and cue/review make it easy to find specific selections on your tapes. Features Auto-Stop, Auto-Level, tone control, LED battery condition/record indicator, jacks for remote mike, aux input, external speaker.  $2 \times 5\frac{1}{2} \times 10\frac{1}{2}$ ". U.L. listed AC operation, four "C" batteries (not incl.) or optional DC adapter. 14-1010 . . . . . 49.95

**B Realistic CTR-56.** Three-way power! You can save on batteries when you use it at home or in your car. Features jacks for remote control mike, external speaker, plus aux input for recording directly from a radio or phono. Auto-Level sets recording volume for you and Auto-Stop at end of tape helps prevent damage to cassettes.  $2 \times 5\frac{3}{4} \times 10\frac{1}{2}$ ". U.L. listed AC operation, four "C" batteries (not incl.) or optional DC adapter. 14-1006 . . . . . 34.95

**C Realistic CTR-55.** A dependable "electronic note-taker" featuring end-of-tape Auto-Stop to save batteries and tapes, plus convenient automatic record-level setting. Has jacks for remote control mike, external speaker, aux input.  $2 \times 5\frac{3}{4} \times 10\frac{1}{2}$ ". Requires four "C" batteries or AC or DC adapter. 14-1005 . . . . . 27.95



**A 49.95**

- Aux Input
- Tone Control

**ONE OF OVER NEW LOW PRICES 350**

- Auto-Level
- Auto-Stop

**34.95**

Was \$39.95 in 1983 Catalog

**ONE OF OVER NEW LOW PRICES 350**

**27.95**

Great Value For Students

Was \$31.95 in 1983 Catalog

### AC and DC Adapters Save Batteries

Save money by operating your recorder from house current or 12 volts DC mobile power.

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-773	*	270-1534
14-778	*	270-1534
14-779	*	14-844
14-780	*	270-1534
14-781	*	14-844
14-782	*	14-844
14-783	*	14-844
14-812	273-1454	14-844
14-813	*	14-844
14-845	273-1454	14-844
14-905	*	270-1534
14-1001	273-1454	14-844
14-1002	*	14-844
14-1004	273-1454	14-844
14-1005	273-1454	14-844
14-1006	*	14-844
14-1008	273-1454	14-844
14-1009	*	14-844
14-1010	*	14-844
14-1011	273-1454	14-844
14-1012	273-1455	14-844
14-1014	273-1454	14-844
14-1016	273-1435	270-1560
14-1017	273-1435	270-1560
14-1021	273-1435	270-1560
14-1022	273-1435	270-1560
14-1023	273-1454	14-844
14-1025	273-1454	14-844

\*Not required. AC power supply built-in. See page 113 for description of AC and DC adapters.

### Easy-to-Use Cassette Recorder for Kids

**NEW FOR '84 34.95**

- Hi/Lo Tone Switch
- Color-Coded Controls



**Realistic CTR-64.** Lets children capture the sounds they hear with an electret mike that looks like a strawberry! Built-in speaker, jacks for mike, external power and earphone, adjustable shoulder strap. Extra-durable molded case with storage space for strap and five tapes. Only  $3\frac{1}{4} \times 11\frac{5}{8} \times 9$ ". Requires four "C" batteries or AC or DC adapter. 14-1004 . . . . 34.95

### Portable Music Players for Youngsters

- End-of-Tape Auto-Stop
- Adjustable Carry Straps

**D Realistic CTP-5.** Simple for kids to use. Starts playing when a cassette is inserted, turns off at end of tape. Has fast-forward/eject button, jacks for external speaker/earphone, external power.  $5\frac{5}{8} \times 8\frac{5}{16} \times 2\frac{3}{16}$ ". Requires four C batteries or AC or DC adapter. 14-845 . . . . 27.95

**E Realistic CTP-7.** Features of above plus built-in AM/FM radio with a wide slide-rule dial and telescoping antenna.  $5\frac{1}{2} \times 8\frac{3}{8} \times 2\frac{1}{8}$ ". 14-1023 . . . . . 34.95

**D 27.95**  
Cassette Player

**NEW FOR '84**

**E 34.95**  
Cassette Player With AM/FM Radio



# PERSONAL PORTABLE STEREO CASSETTE PLAYERS

Our Best! With Dolby® B Noise Reduction

Budget-Priced Cassette Players



A

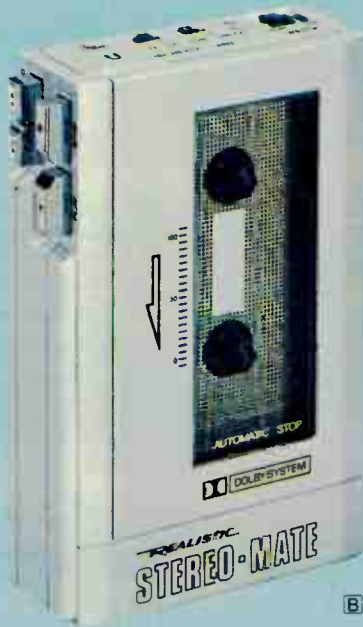
**NEW FOR 84** 9995

- AM/FM Stereo Tuner
- Metal/CrO<sub>2</sub>-Normal Switch



**A** Realistic SCP-10. We've included the AM/FM stereo tuner to create this ultra-portable—no extra radio packs to carry. Features individual channel volume controls and FM mono switch for best reception of weak or distant stations. End-of-tape Auto-Stop and power-off when headphones are unplugged save battery life. LED FM stereo and low-battery indicators. 1/8" headphone jack. 5 13/16 x 3 3/8 x 1 3/8". Requires two "AA" batteries or AC or DC adapter. 14-1022 . . . . . 99.95

**B** Realistic SCP-9. Play your Dolbyized® tapes while on the go, and get the same high performance you get from your home system. Convenient thumbwheel rotary volume/balance controls, Auto-Stop. 1/8" headphone jack. 5 3/16 x 3 3/8 x 1 1/4". Requires two "AA" batteries or AC or DC adapter. Or use the built-in recharger for optional nickel-cadmium batteries. 14-1021 . . . . . 69.95



B

**NEW FOR 84** 6995

- Metal/CrO<sub>2</sub>-Normal Switch
- LED Low-Battery Indicator



C

**NEW FOR 84** 5995

- Metal/CrO<sub>2</sub>-Normal Switch
- Full Auto-Stop



**C** Realistic SCP-8. Enjoy stereo music while traveling, jogging, or working outdoors—so small it goes with you anywhere. You get simple one-hand operation of all tape transport controls, plus volume and balance. Full Auto-Stop, Cue/Review, LED low-battery indicator. 1/8" headphone jack. 5 1/4 x 3 3/8 x 1 1/8". Requires three "AA" batteries or AC or DC adapter. 14-1014 . . . . . 59.95

**D** Realistic SCP-11. Play your favorite standard cassettes at an incredibly low Shack price. Full-function cassette player with play, stop, fast forward and rewind functions. Auto-Stop. 1/8" headphone jack. 5 3/8 x 3 1/2 x 1 5/16". Requires three "AA" batteries or AC or DC adapter. 14-1025 . . . . . 29.95

All Stereo-Mate™ cassette players include vinyl carry case, shoulder strap, and require headphones. \*TM Dolby Laboratories Licensing Corp.

D

**NEW FOR 84** 2995

- Available Sept. 30, 1983
- Auto-Stop
- Belt Clip



Includes carry case and strap

## Portable Stereo Cassette Deck

**9995** • Two Built-In Condenser Microphones  
• Glide-Path® Volume/Balance Controls  
• Built-In Speaker for Mono Playback  
Or Add a Pair of Stereo Headphones

Records "Live" in Stereo!

Realistic Miniset®-11. Take it anywhere! Features Auto-Level, pause, tape counter and Cue/Review for easy editing. Normal/CrO<sub>2</sub> tape selector switch. End-of-tape Auto-Stop and LED low-battery/record indicator. 17 1/16 x 8 5/32 x 4 9/32". Aux/external stereo mike inputs. Requires four "AA" batteries or AC or DC adapter. 14-1011 . . . . . 99.95

## Micro-Headphones



Low As 995

See Page 33 for our wide selection

Use Dependable Radio Shack ENERCELL® Alkaline Batteries for Best Results



# MICRO-CASSETTE DICTATING/TRANSCRIBING SYSTEM



Remote Control Handset With  
Built-in Speaker and Mike

**NEW  
FOR '84**

**279<sup>95</sup>**

Only \$26 Per Month  
On CitiLine Credit

- Full-Logic Solenoid Controls
- Two Speeds for Up to 2 Hours Total Recording Time
- Full Electronic Cueing
- Adjustable Backspace Control
- Telephone Recording Capability



Transcriber's light-weight headset for hours of listening comfort.

Remote foot switch keeps hands free when transcribing memos and letters

**Realistic Micro-1000.** Radio Shack makes the latest in office technology affordable! Dictation recording is easy with 3-digit tape counter, Auto-Level, electronic cueing tone, LED record indicator and end-of-tape warning tone. Condenser mike and dictate/rewind/start-lock/cueing controls are conveniently located in the remote-control handset. Also features adjustable playback speed and backspace to match different typing speeds, plus foot pedal control of play/rewind/stop. Volume, tone controls, conference/dictate sensitivity switch, LED function indicators. 2 x 9<sup>1</sup>/<sub>4</sub> x 7<sup>3</sup>/<sub>16</sub>". U.L. listed AC operation.  
14-500 ..... 279.95

## Pocket-Size Cassette Recorders—Great for Home, Office or School

### Mini-Cassette Recorder



Built-In Mike and  
Auto-Level for  
Perfect Recordings

**49<sup>95</sup>**

**Realistic Minisette.** Slide controls allow easy one-hand operation. "Cue" button helps locate passages quickly. LED battery/record indicator, wrist strap, earphone. 5<sup>3</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>2</sub> x 1". Requires two "AA" batteries.  
14-1015 ..... 49.95

### Mini-Cassette Recording Tape

Never Miss a Word!  
Keep Plenty of  
Tapes On-Hand **2<sup>69</sup>**

Mini-30. For Minisette, other rim-drive recorders. 30 min.  
44-633 ..... 2.69



### Versatile Two-Speed Micro-Cassette Recorders

You'll Never Miss  
Another Important Word

**A** **Realistic Micro-10.** Record meetings, lectures or take notes—up to two hours of recording time per tape. Features Cue/Review, built-in condenser mike, Auto-Stop, LED record indicator. With earphone. Built-in recharger for optional nickel-cadmium batteries. 5<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub> x 1". Requires two "AA" batteries or AC adapter.  
14-1016 ..... 59.95

Feature-Packed for  
Professionals On-the-Go

**B** **Realistic Micro-11.** Fits in the tightest spot in your briefcase. One-touch record with Auto-Level for trouble-free, high-quality recordings. Condenser mike for wide-angle pickup. Cue/Review and tape counter help find selections fast. Pause button for "live" editing. Auto-Stop in Play and Record turns unit off, saves battery life and protects tape. 5<sup>1</sup>/<sub>32</sub> x 2<sup>3</sup>/<sub>4</sub> x 3<sup>3</sup>/<sub>4</sub>". Requires two "AA" batteries or AC adapter.  
14-1017 ..... 99.95



**A**  
**ONE OF OVER 350  
NEW LOW PRICES**  
Was 69.95 in  
1983 Catalog

**59<sup>95</sup>**



**B**  
**NEW  
FOR '84**

**99<sup>95</sup>**

Micro-Cassette Recording Tape  
Up to 120 Minutes  
Recording Time **3<sup>49</sup>**

MC-60. For Micro-1000, 10 & 11, others. Up to 120 minutes at 1.2cm/sec, 60 minutes at 2.4 cm/sec.  
44-640 ..... 3.49



# VALUE-PRICED RADIO SHACK QUALITY CASSETTES

## SUPERTAPE® METAL—State of the Art Recording Tape



ONE OF OVER **350** NEW LOW PRICES

Low As **5.99** C-60

Was \$6.99 in 1983 Catalog

Coercivity (Hc): 1100 Oersteds (Nominal).  
Retentivity (Br): 3200 Gauss (Avg.). Dynamic Range: 68 dB.

Our finest! Coated with fine-grain metal particles—not oxide—SUPERTAPE METAL has magnetic properties that give you greater output at both high and low frequencies, and unbelievably low noise levels. This increased dynamic range lets you record solid bass and soaring, sparkling highs. You'll enjoy music reproduction that is virtually indistinguishable from open-reel! For recording on metal-capable recorders only. Plays on all cassette equipment. Precision 5-screw housing. With hinged storage box.  
C-60, 44-960 ..... 5.99 C-90, 44-961 ..... 6.99

**NEW FOR 84**

## SUPERTAPE HI-BIAS—Improved Dynamic Range



Low As **3.99** C-60

Special hi-bias Chromium Dioxide formula captures loudest and softest passages, reduces noise. Greater high-frequency room preserves musical "detail". Records on equipment with CrO<sub>2</sub>/high bias switch. Plays on all cassette equipment. Head-cleaning leader. Hinged storage box.

Coercivity (Hc): 650 Oersteds (Nominal).  
Retentivity (Br): 1850 Gauss (Avg.). Dynamic Range: 64.1 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-940	3.99	3.32	2.95	2.48
C-90	90 minutes	44-941	4.69	4.22	3.76	3.16

## SUPERTAPE GOLD—Premium Ferric

Low As **2.69** C-45



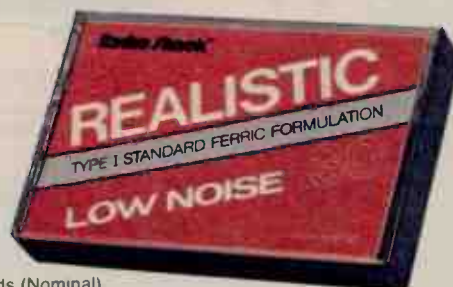
For optimum performance at normal bias, this tape gives you audiophile quality at a popular price. Precision housing cuts wow and flutter. Non-abrasive head-cleaning leader. With hinged storage box.

Coercivity (Hc): 335 Oersteds (Nominal).  
Retentivity (Br): 1500 Gauss (Avg.). Dynamic Range: 60.4 dB

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	2.69	2.35	2.15	1.79
C-60	60 minutes	44-921	2.99	2.64	2.39	1.99
C-90	90 minutes	44-922	3.99	3.59	3.19	2.69
C-120	120 minutes	44-923	4.99	4.48	3.99	3.29

## REALISTIC®—Low-Noise, High-Output

Low As **1.59** C-30



Made with Realistic's exclusive High-Flux Density oxide formula for high output, wide frequency response, low noise and distortion—at low cost! Precision housing reduces wow/flutter. With hinged storage case.

Coercivity (Hc): 320 Oersteds (Nominal).  
Retentivity (Br): 1125 Gauss (Avg.). Dynamic Range: 54.5 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-30	30 minutes	44-601	1.59	1.39	1.25	1.05
C-60	60 minutes	44-602	1.99	1.75	1.59	1.29
C-90	90 minutes	44-603	2.79	2.45	2.19	1.85
C-120	120 minutes	44-604	3.49	3.05	2.75	2.29

## concertape®—Quality Sound at Affordable Prices

The smart choice for general purpose recording. Use shorter tapes for "voice letters". Longer cassettes are ideal for note-taking, language study, or recording and playing at home or in car and portable players. Heavy-duty polyester base resists age, humidity, breaks and stretching.



### Cassette 3-Packs Singles

Low As **1.99** C-30

Pkg. of 3



Low As **.88<sup>c</sup>** C-60

Type	Recording Time Each	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 minutes	44-606	1.99	1.79
C-60	60 minutes	44-607	2.59	2.29
C-90	90 minutes	44-613	3.59	3.19
C-120	120 minutes	44-614	4.99	4.39

Type	Recording Time	Cat. No.	Each
C-60	60 minutes	44-605	.88
C-90	90 minutes	44-620	1.25

## 269 Mini-Cassettes

15 Minutes Each Side

Mini-30. For rim-drive recorders such as Realistic Minisette, others.



Total Record Time	Cat. No.	Each	
		1-9	10-Up
30 minutes	44-633	2.69	2.29

## 349 Micro-Cassettes

Up to 60 Minutes Per Side

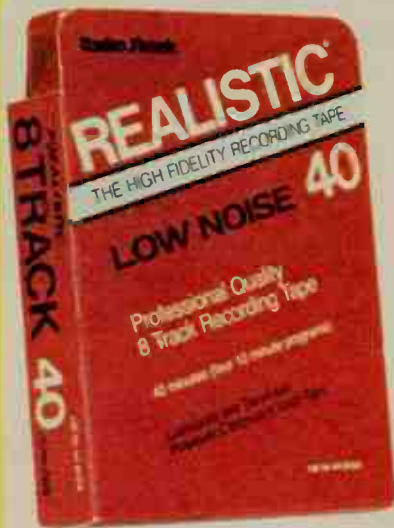
Micro-60. For capstan-drive recorders such as our Micro-10, others.



Total Recording Time		Cat. No.	Each	
2.4cm/sec.	1.2 cm/sec		1-9	10-Up
60 min	120 min.	44-640	3.49	2.99

Prices Apply at Participating Radio Shack Stores and Dealers

# REALISTIC® OPEN-REEL AND 8-TRACK BLANK TAPE



## Low-Cost 8-Track Tape

Low As **1.99** 40 Min.

Our Own Special Formula Oxide Coating Captures More Of the Music With Less Noise

Record your own cartridges for a low-cost music library. Friction-reducing lubricant extends tape life for trouble-free recording and playback. Polyester base resists breaks, stretching, and the effects of age and humidity. A terrific value!

Record Min.	Cat. No.	Each			
		1-11	12-24	25-49	50-Up
40	44-840	1.99	1.79	1.59	1.39
80	44-841	2.69	2.39	2.15	1.89

## SUPERTAPE® Premium Open-Reel



Low As **3.99** 5" Reel

Super-Calendered For a Mirror-Like Surface

Get superb sound, without special bias settings. Superior sensitivity and wide frequency response. High tensile strength.

Coercivity (Hc): 300 Oersted (Nominal). Retentivity (Br): 1220 Gauss (Avg.). Dynamic Range: 63.0 dB.

Reel Size	Feet	Mil	Cat. No.	Each	
				1-9	10-499
5"	900	1.0	44-1872	3.99	3.19
7"	1200	1.5	44-1878	5.79	4.59
7"	1800	1.0	44-1877	6.49	5.19
7"	3600	0.5	44-1880	11.49	9.19

## SUPERTAPE Lab Standard 8-Track

**3.99** 90 Min.

Special Fine-Grain Oxide For Superior Frequency Response

High-output, low-noise formulation reduces "hiss". Back-coated with special lubricant to prevent "jams" for increased tape life. Tough polyester base resists stretching, breaking. 44-843



Each			
1-11	12-24	25-49	50-Up
3.99	3.59	3.19	2.99

## REALISTIC Low-Cost, Low-Noise Tape

Low As **1.49** 3" Reel

Wide Frequency Response

High-quality open-reel tape with uniform oxide coating for excellent frequency response and signal-to-noise ratio. Polyester base resists temperature and humidity, prevents stretching.



Reel Size	Feet	Mil	Cat. No.	Each			
				1-5	6-9	10-49	50-499
3"	225	1.0	44-734	1.49	1.35	1.25	1.19
5"	900	1.0	44-753	2.99	2.69	2.49	2.39
5"	1200	0.5	44-752	3.99	3.59	3.39	3.19
7"	1800	1.0	44-754	5.49	4.95	4.59	4.39
7"	2400	0.5	44-758	6.49	5.79	5.49	5.19
7"	3600	0.5	44-766	7.99	7.19	6.79	6.39

## Open-Reel Recorder Accessories



7" Metal Reel **6.95**

Professional Quality

Improves the appearance and performance of any reel recorder! Won't crack, split or warp. With storage box. 44-280 ..... 6.95

Tape Reels With Boxes

Low As **59¢**

Plastic reels. With index, timing chart.

Reel	Cat. No.	Each	Reel	Cat. No.	Each
3"	44-273	59	7"	44-279	1.39
5"	44-278	99			



## Leader Tape

Ideal for Editing **1.59** Pkg. of 2

Color-coded leader. Two 150-foot reels. 1/4" x 1.5-mil. 44-1053 .. Pkg. 2/1.59



## Tape Reel Holders

Fit Most Recorders **1.19** Pkg. of 2

Keeps reels seated, wobble-free 44-1068 ... Pkg. 2/1.19



## All-Purpose Budget-Priced concertape

Only

**2.49**

Heavy-duty 1-mil polyester base resists breaking and stretching, while giving you extra-wide response. 1800 feet on a 7" reel for extra recording time at low cost. Ideal for off-the-air tapings. Includes storage box. 44-1018 ..... 2.49



Ideal for Voice and General-Purpose Recording

# HIGH-PERFORMANCE TAPE RECORDING ACCESSORIES

## Universal Demagnetizer



**NEW**  
FOR 84

**995**

Improves Signal-to-Noise Ratio on  
Cassette, 8-Track, Open-Reel Tape

Reduces hiss, protects high-frequency response. Two interchangeable tips can be moved to any angle. U.L. listed AC operation. 44-225 .. 9.95

## Lighted Head Demagnetizer



**1395**

- For Cassette, 8-Track, Open-Reel
- Illuminated Tip Helps You See

Restores high frequency response, reduces hiss and prevents damage caused by magnetized heads. Lighted 3 1/2" probe. 1 x 9 x 2" U.L. listed AC operation. 44-207 .. 13.95

## Electronic Cassette Demagnetizer

**ONE OF OVER 350**  
NEW LOW PRICES

**1995**

Was \$21.95 in 1983 Catalog



Inside View

- Demagnetizes in One Second
- Cordless—Requires No AC

The fast, automatic way to preserve crystal-clear highs and cut hiss. Loads like an ordinary cassette. LED "on" indicator, long-life battery. 44-1165 .. 19.95

## Car/Boat DC Adapter



**695**

Saves batteries! Powers most 6V and 9V portable radios and recorders from your car or boat's cigarette lighter. LED indicator. Fused. 12VDC neg. gnd. 14-844 .. 6.95

## Magnetic Bulk Tape Eraser

**1595**

Also Erases  
Computer  
Floppy Disks

Not for metal or video tapes



Quickly erases cassette, 8-track and open-reel tapes. Reduces noise levels below recorder's own erase head level. U.L. listed AC operation. 44-232 .. 15.95

## Cassette Demagnetizer and Head Cleaner

**595**

Helps Prevent  
Jamming,  
Reduces Hiss  
And Noise



Insert for 60 seconds after every eight to ten hours of operation to prevent loss of "highs" and keep tape path clean. For all players, recorders. Ideal for personal portables, autos. Cordless. 44-631 .. 5.95

## Deluxe Cassette Tape Splicer



**649**

Makes tape editing and repairs easy. Chromed cut/trim lever cuts diagonally and trims excess tape. Includes roll of splicing tape. 44-214 .. 6.49

## Splicing and Sensing Tape

**A 79¢**

**199 B**

**A** Splicing Tape. Polyester base resists age, heat, humidity. 100" roll.

Width	Cat. No.	Each
7/32"	44-1125	79¢
3/8"	44-1126	79¢
1/2"	44-1128	79¢

**B** Sensing Tape. For recorders with contact or photo sensing systems. 7/32" x 100". 44-1155 .. 1.99

## Splicers for Easy Tape Editing

**C 399**

**D 199**

**C** Open-Reel/Cassette Editing Block. Anodized aluminum splicer has 90° and 45° cutting guides. Includes cutting blade, mounting strip, instructions. 44-224 .. 3.99

**D** Universal Dual-Track Splicer. For cassette, 8-track and open-reel tapes. Includes razor blade, instructions. 44-216 .. 1.99

## Cassette Hand-Winder

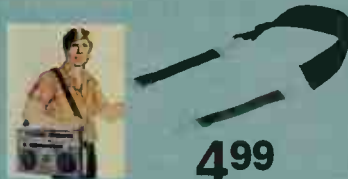


**399**

Was \$4.69 in 1983 Catalog

Rewind cassette tapes by hand. Saves your portable's batteries. Winds a C-90 cassette in just 60 seconds—faster than most recorders. 44-223 .. 3.99

## Heavy-Duty Carry Strap



**499**

For Portable Radios  
and Tape Players

Take your music along in comfort and style. Durable nylon web strap is fully adjustable, with sturdy metal clasps. 44-690 .. 4.99

## On/Off Foot Switch



**ONE OF OVER 350**  
NEW LOW PRICES

**299**

Was \$3.69 in 1983 Catalog

Remote control switch for hands-free on/off capability. Ideal for typist working from dictation. Sub-mini plug fits into remote control jack of recorder. 44-610 .. 2.99

## Phone Pickup Coil



**199**

Easy  
To Use

For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, 1/8" mini-plug. 44-533 .. 1.99

# WE'RE YOUR TAPE CARE/CLEANING HEADQUARTERS

## Standard or Micro 3-Way Cassette Cleaners

**NEW FOR \$4**



Each  
**4.99**



Soft felt pads with unique wiping action scrub tape head, clean pinch roller and capstan. Transparent case so you can watch it work. With 1/2-oz. of special cleaning solution.

- A** For Micro Cassettes. 44-1164 ..... 4.99  
**B** For Standard Cassettes. 44-1163 ..... 4.99

## Professional-Quality Head Cleaning Kit

**2.99**



For audio and video! Includes 6-dram bottle of special Freon TF\* Solvent and six reusable lintless foam swabs. 44-1170 ..... 2.99

\*TM E.I. du Pont de Nemours & Co., Inc.

## Deluxe Cassette Tape Repair Kit

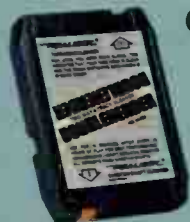
**4.99**



Fix Broken Tapes

Includes a detailed 32-page manual, housing, splice block, razor blade, mylar splice tabs, screws, adhesive labels. 44-629 ..... 4.99

## 8-Track Doubleheader Cartridge



**2.99**

Easy Operation

Insert each end of cartridge for ten seconds to clean head, sensor and capstan. 44-208 ..... 2.99

## Two-Way Cassette Cleaning Kit

**2.69**



Includes Fluid

Restores fidelity, extends tape life by removing oxide deposits from heads, capstan. 44-1162 .. 2.69

## Cassette Head Cleaner

**1.89**



Restores Clarity

Low-cost, non abrasive cleaner helps prevent dirt build-up, extends the life of your tapes.

44-1160 ..... 1.89

## Cassette Tape Fixer

**2.49**



Straightens and helps you rewind, clean and repair tangled cassette tapes. Semi-automatic.

44-634 ..... 2.49

## 8-Track Head Cleaner

**1.99**

Budget-Priced



"Play" for ten seconds. Removes oxide deposits from heads to restore volume. 44-1161 ..... 1.99

## Cassette Boxes

**1.19**

3 Pack



Protect your tapes! Hinged see-through door for easy identification. 44-611 ..... Pkg. 3/1.19

## Recorder Cleaner Kit

**1.69**

1 1/4-oz. bottles of cleaner and lubricant. Ten long-reach swabs.

44-217 ..... 1.69



## Cassette Housing

**1.19**

Simple To Use



Replace your damaged or worn-out housing. 24" leader tape, instructions. 44-626 ..... 1.19

## Cassette Index Labels

**99¢**

Pkg. of 24



Self adhesive. Six each of red, blue, yellow and green. 44-621 ..... Pkg. 24/99¢

## Plastic Cassette Mailers

**89¢**

3-Pack



Meets 1st Class Postal Regulation PSM 352.2. With labels. 44-608 ..... Pkg. 3/89¢

## Cassette Mailing Boxes

**79¢**

Pkg. of 6



Heavy-duty cardboard. Meets 1st class postal regulations. Mailing labels. 44-632 ..... Pkg. 6/79¢

## Cleaning Cloths

**1.49**

Pkg. of 4



Chemically treated to gently clean tapes, equipment, dust covers. 44-1088 ..... Pkg. 4/1.49

## Cassette Index Cards

**1.19**

Pkg. of 20



Replace old cards—room to list newly recorded selections. Fit all standard tape boxes. 44-623 ..... Pkg. 20/1.19

## Tape Head Cleaner Spray and Solvents

Low As **99¢**

**C** Head Cleaner Solution. Cleans all metal parts. 2 oz. 44-1010 ..... 99¢

**D** "Pro" Solvent. Freon TF\* dissolves dirt, oxide. 2 oz. 44-1171 ..... 1.99

**E** Cleaner Spray. Cuts grime. Extension nozzle. 3 oz. 44-1011 ..... 2.29

\*TM E.I. du Pont de Nemours & Co., Inc.



## Tape Head Cleaning Sticks

**1.29**

Pkg. of 100



Cotton-tipped 6" wood sticks for hard-to-reach places. 44-1093 ..... Pkg. 100/1.29

See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables

# SUPERTAPE® VIDEO CASSETTES—THE STANDARD OF EXCELLENCE FOR HOME RECORDING AND PLAYBACK

ONE OF OVER 350 NEW LOW PRICES!

**1195** Each, 1-11

Was \$16.95 in 1983 Catalog

NEW FOR 84

**1395** Each, 1-11

ONE OF OVER 350 NEW LOW PRICES!

**995**

Was \$14.95 in 1983 Catalog



VHS T-120



VHS T-120 Gold HG



Beta L-500

Special Magnetic Particle Binder System Gives You Extra-Long Life at All Speeds

**SUPERTAPE Video Cassettes.** Finest quality for performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formulation and binder system combined with perfectly aligned and optimally sized magnetic particles give you increased chroma output for brilliant, true-to-life colors. Precision housing is engineered to minimize dust pickup and reduce friction. Compatible with all brands of video cassette recorders.

**VHS T-120.** Up to six hours recording time. 44-400 ..... Each 11.95

**Beta L-500.** Up to three hours recording time. 44-450 ..... Each 9.95

**Beta L-750.** NEW! Up to 4.5 hours recording time. 44-475 ..... Each 11.95

**VHS T-120 SUPERTAPE GOLD HG.** For the best in slow-speed and special effects recording and playback. Captures the fullness and richness of color and detail, reduces drop out and improves sound quality. Our exclusive formulations deliver many more hours of enjoyable playback of your video tape library. 44-410 ..... Each 13.95

Purchase any of the above tapes in quantities of 12 or more and save \$1 per tape!

## These Video Cassette Accessories Make Recording and Organizing Easy

### Automatic VCR Cleaning Systems



Loads Like a Cassette—Just Play

**VCR Cleaning Kit.** No need to open your VCR. Non-abrasive system thoroughly cleans all heads, capstan and pinch roller. Special disposable cleaning inserts are pre-moistened with Freon TF® solution and sealed—no guesswork, no spills. Includes three inserts.

**A For VHS Recorders.** 44-1174 ..... 19.95

**B For Beta Recorders.** 44-1175 ..... 19.95

**Cleaning Insert Refills.** Individually sealed, pre-measured, easy to use. 44-1173 ..... Pkg. of 3/2.99

\*TM, E.I. du Pont de Nemours & Co., Inc.

### VCR Cleaning Kit



Keep Your VCR Operating at Peak Performance **995**

Helps remove deposits from heads, rollers and capstan. Includes four reusable chamois-tip head cleaning tools, brush, mirror probe, soft cotton glove, 1/2-oz. of Freon TF® cleaner, instructions. 44-1172 ..... 9.95

### Unique Video Tape Indexing System

**499**



Convenient Organizer Stores Just Like a Video Cassette

Create a quick reference to your video tape library. Ring-binder index "book" with master "title" index cards and 50 removable information cards for individual tapes. 44-1176 ..... 4.99

### Remote Pause Control



**299**

Edit out unwanted commercials with the push of a button. For most VCRs and audio recorders. 12-foot cable. 44-1179 ..... 2.99

### Video Cassette Labels



ONE OF OVER 350 NEW LOW PRICES!

**149**

Was \$1.99 in 1983 Catalog

For easy tape re-labeling. VHS. 44-1177 ... Pkg. 10/1.49 Beta. 44-1178 ... Pkg. 10/1.49

### High-Power Video/Audio Bulk Tape Eraser—Works in Seconds

NEW FOR 84

**2995**

For Beta and VHS Tapes

Erases tapes more completely than an audio or video recorder's erase head. With on/off switch, illuminated "on" indicator. U.L. listed AC operation. 44-233 ..... 29.95



Prices Apply at Participating Radio Shack Stores and Dealers

# AUDIO/VIDEO TAPE ORGANIZERS AND PROTECTORS

## Cassette Storage Case



Low As **379**

Stores Like a Book

12-Cassette Album. Tapes snap in and out. Folds up to 10 1/2 x 9 1/2 x 1 1/4". 44-612A ..... 3.79  
24-Cassette Album.  
44-609A ..... 6.99

## Car Cassette Carrier



Holds Eight Tapes

ONE OF OVER **350** NEW LOW PRICES

**895**

Was \$9.95 in 1983 Catalog

Mounts underdash with slip-in bracket and adhesive strip. 4 3/4 x 6 3/4 x 3 1/8". 44-677 ..... 8.95

## 2-Way Cassette Storage Cases

Low As **695**

12/24 Tapes. Holds 12 boxed, 24 unboxed cassettes. 3 1/2 x 10 1/8 x 6 7/8".

44-657A ..... 6.95

24/48 Tapes.

3 1/2 x 14 1/2 x 8 3/4".

44-658A ..... 9.95

60/120 Tapes. Opens from both ends. 14 1/4 x 9 7/8 x 6 1/2".

44-679A ..... 16.95



Tough Vinyl Construction With Snap Latch and Carry Handle

## Mini/Micro Cassette Tray



NEW FOR 84 **249**

Holds 12 Tapes

Smoke tinted cover protects tapes, yet lets you see titles. Lifts off for easy access. 2 x 2 3/16 x 7". 44-678 ..... 2.49

## 15-Cassette Storage Tray



**349**

Fits Shelf/Drawer

Smoke-tinted cover protects tapes, yet lets you see titles. Lifts off for easy access. 3 1/8 x 12 1/2 x 4 1/2". 44-665 ..... 3.49

## Deluxe Two-Way Cassette Storage Case

**1595** Holds 24 Boxed, 48 Unboxed Cassettes

Padded leather-look vinyl finish with luxurious cushioned interior design. Snap-lock latch. 14 1/8 x 7 1/2 x 4 1/4". 44-663A ..... 15.95



## Cassette O-Matic\*

**249**



\*TM A D Communications  
U.S. Patent No. 4,239,109

Holds five cassettes securely. Interlock more modules to expand. 4 1/2 x 4 x 3 1/8". 44-674 ..... 2.49

## Cassette Carousel



**995**

Holds Up To 32 Tapes

With/without cases. Stackable. 6 1/2 x 6 1/4 x 9 1/4". 44-673 ..... 9.95

## 36-Cassette Storage Cabinet

Stack It With Your Components **2195**

Three compartmented drawers organize tapes for easy selection. Walnut vinyl finish, non-scutt feet. 4 1/4 x 15 5/8 x 12 1/2". 44-669 ..... 21.95



## Video Tape Mailers



**249**

Labels Included

U.S. Postal Service approved. Locking, dust-free storage.

VHS. 44-1192 ..... 2.49

Beta. 44-1193 ..... 2.49

## Video Tape Storage Module



**599**

Holds Six Tapes

Expand as your library grows—just lock on more modules.

For VHS. 44-1190 ..... 5.99

For Beta. 44-1191 ..... 5.99

## Sturdy, 2-Drawer Video Tape Cabinet

**3495**

Holds Up to 20 Beta or VHS Tapes

Wood cabinet with two compartmented drawers will support up to 70 pounds. No-mar feet. Simulated woodgrain finish. 5 1/4 x 17 1/2 x 16". 44-1196 ..... 34.95



## Universal VCR Cover

**595**



See-Thru Front

Keeps out damaging dust. Anti-static vinyl. Fits most VCRs. 7 x 20 x 16". 44-1181A ..... 5.95

## Video Tape Rack



**399**

Stores Ten Cassettes

Durable smoked acrylic construction, for wall or shelf. Accepts Beta or VHS. No-mar rubber feet.

44-1194 ..... 3.99

## Storage Unit for 16 Video Cassettes

**1495**

Add More Units as Your Tape Library Grows!

Displays your video tape library for easy selection. Durable molded design, can be mounted on wall or shelf. 9 3/8 x 20 1/2 x 6 1/8".

44-1195 ..... 14.95



VHS or Beta Tapes

Tapes Not Included With Items on This Page

World Radio History

# DEPENDABLE MIKES FOR STAGE, STUDIO AND HOME

## Versatile Stereo Microphones Simplify Recording— Two Elements in One Housing for Easy Positioning



### Deluxe Dual-Pattern Electret Condenser

**39<sup>95</sup>**

Two sensitive electret elements and a special matrix circuit let you select "normal" pattern or "wide" mode to enhance stereo image with larger groups. 30 to 15,000 Hz response. 600 ohms. Wire mesh screen cuts wind noise. On/off switch. 8" long. 10-ft. cord with two 1/4" phone plugs. Includes vinyl case, stand adapter. Requires "AA" battery. 33-919 ..... 39.95

**NEW  
FOR '84**

**29<sup>95</sup>**

### Ultra-Compact Stereo Microphone

Dual back-electret elements provide excellent response to transients—the fast-rising peaks that give sound its "live" quality. Cardioid pickup pattern. 50 to 18,000 Hz. 600 ohms. Adjustable desk stand also has standard 5/8"-27 threads. On/off switch, foam windscreens. 5 1/8" long. 8-ft. cord with two 1/8" plugs. Requires "AA" battery. 33-1066 ..... 29.95

**19<sup>95</sup>**

### Dual Heads—Ideal for Portable Recorders

Each electret condenser head adjusts up to 90° for optimum stereo separation—ideal when recording large musical groups or conferences. 50 to 15,000 Hz response. 600 ohms. Built-in stand. 5 5/8" long. 6 1/2-ft. cord, two 1/8" plugs. Two foam windscreens. Requires "AA" battery. 33-1065 ..... 19.95

## Professional-Quality Mikes for Recording and Sound Reinforcement



**A**  
**49<sup>95</sup>**

### Unidirectional Dynamic

**A** Realistic Highball. Great for PA and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high/low impedance—works with all types of equipment. Low-impedance (XLR) capability. 6 1/2" long. 16-ft cable with 1/4" plug, deluxe vinyl case, stand adapter. 33-984 ..... 49.95

**B**  
**39<sup>95</sup>**

### Super-Omnidirectional Dynamic

**B** Flat 40 to 17,000 Hz response—great for music or hand-held vocals. Rugged body with windscreen, rubber shock ring. Low-impedance (XLR) capability. 6 3/4" long. 16-ft. cable with 1/4" plug, deluxe carrying case, stand adapter. 33-1070 ..... 39.95

**C**  
**29<sup>95</sup>**

### Cardioid Dynamic With "Pop" Filter

**C** Special wire-mesh grille cuts wind noise—perfect for vocal/outdoor use. Die-cast body. On/off switch. 50 to 15,000 Hz. Low-impedance capability. 7" long. 12-ft. cable, 1/4" plug, stand adapter. 33-1071 ..... 29.95

**D**  
**24<sup>95</sup>**

### Super-Cardioid Dynamic

**D** Excellent for PA or recording. Tight directional pattern minimizes feedback. Built-in windscreen. 80 to 12,000 Hz. 600 ohms. On/off switch 7" long. 6-ft. cable with 1/4" plug, stand adapter. 33-992B ..... 24.95

**E**  
**19<sup>95</sup>**

### Low-Cost Omnidirectional Dynamic

**E** Realistic Highball-2. Wire-mesh windscreen with internal filter reduces "pops". Chromed body. On/off switch. 50 to 13,000 Hz. 600 ohms. 8 3/8" long. 6-ft. cable with 1/4" plug, stand adapter. 33-985C ..... 19.95

**Heavy-Duty  
Metal Cases**

### Pattern Choice



**Cardioid**



**Omni**

**Cardioid or Unidirectional.** Pickup pattern helps reduce background noise and feedback.

**Omnidirectional.** Wide pickup pattern, equal response from all directions.

### 2-Way Use!



#33-984, 33-1070 and 33-1071 are adaptable to "pro"-type XLR balanced output. See page 130 for XLR connectors.

### Acoustic Foam Windscreens



Fits most microphones. Stops wind and breath "pop" 33-373 ..... 1.49



# VALUES IN SPECIAL-PURPOSE & REPLACEMENT MIKES

## Dual-Pattern Electret Mike For Use With Video Cameras



Includes  
Foam Windscreen



**NEW  
FOR '84**

**49<sup>95</sup>**

With Carrying Case,  
Long and Short Cords,  
Camera Mounting "Boot"

The perfect mike for video recordists! Has a super-directional "telescopic" pickup pattern and a "close-up" pattern, switch selectable. 80 to 12,000 Hz. 600 ohms. 18" camera cable and 18-ft. extension with 1/4" plug. 11" by 7/8" diameter. Requires "AA" battery. 33-1062 ..... 49.95

## Ultra-Slim Electret Omni

**17<sup>95</sup>**

Less than 3 ounces, yet delivers superb sound. 20 to 13,000 Hz. 600 ohms. On/off switch. 6" long. 9-ft. cable. 1/4" plug. With battery. 33-1050 ..... 17.95



Adjustable Stand

## For Hand, Table or Lavalier

**15<sup>95</sup>**

Realistic MC-1000. Slim omnidirectional dynamic mike with 150 to 10,000 Hz response. Impedance, 10,000 ohms. 5 1/8" long. 6-ft. cable. 1/4" plug. 33-990 ..... 15.95



Includes Neck  
Cord and Desk Stand

## Amazing PZM<sup>®</sup> Mike—A Performance Breakthrough!

**NEW  
FOR '84**

**39<sup>95</sup>**

- Eliminates "Echo" Effects Caused by Reflected Sound
- Dramatically Increases Clarity and Range



Revolutionary Design Cancels  
Effects of Sound Reflections



**Realistic PZM Microphone.** An important step forward in microphone performance—brought to you at a great low price by Radio Shack. Unlike conventional mikes, the PZM reacts to sound in much the same way as the human ear, so placement problems are minimized. Just put the mike where you hear the best sound and you'll capture it! Provides superior coverage in large rooms or on stages. 20 to 18,000 Hz response. 600 ohms. Element is mounted on a metal plate, 5 1/2 x 4 7/8". 18-ft. cord with 1/4" plug. Power supply box near plug has on/standby/off switch. Requires "AA" battery. 33-1090 ..... 39.95

PZM is a Trademark of Crown International

## Electret Tie-Clip Microphones —"Hands-Free" Convenience!

**19<sup>95</sup>**



**9<sup>95</sup>**



**A** Omnidirectional. 30 to 12,000 Hz. 600 ohms. Metal case, only 7/8" long. Includes 10-ft. cord, 1/4" plug, 1/8" mini plug adapter, long-life mercury battery. With clip and tie pin. 33-1056 ..... 19.95

**B** Fastens to tie or lapel. 30 to 12,000 Hz, 600 ohms. Metal case, 1/2" long. Includes clip, 6-ft. cord with 1/8" mini-plug and long-life mercury battery. 33-1058 ..... 9.95

## Pocket-Sized Binaural Amplified Listener



Perfect for Use  
With Miniature  
Stereo Headphones

**NEW  
FOR '84**

**19<sup>95</sup>**

Amplifies the sounds around you for easier listening. Two directional mikes and dual-channel (binaural) design provides natural sense of direction. Separate volume controls for each channel. High-boost switch compensates for ear's lack of sensitivity at high frequencies. 3 3/4 x 2 1/2 x 3/4". Requires stereo headphones with 1/8" plug or adapter and two "AA" batteries. 33-1091 ..... 19.95

## Replacement Mikes With Remote Control for Portable Tape Recorders

### Electret Condenser Omnidirectional



**12<sup>95</sup>**

Has 1/8" mini-plug for audio, submini plug for remote on/off. 20 to 13,000 Hz. 6 1/2-ft. cord. With stand, windscreen, battery. 33-1060 ..... 12.95

### Dynamic Omnidirectional



**12<sup>95</sup>**

Mini-plug for audio, submini for remote on/off. 100 to 11,000 Hz response. Low impedance. Includes 6 1/2-ft. cord, slip-on desk stand. 33-1040 ..... 12.95

### "Pencil" Dynamic



**6<sup>99</sup>**

150 to 10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. Desk stand 6-ft cord. 33-1034 ..... 6.99

### Low-Cost Dynamic



**4<sup>99</sup>**

Dynamic sound quality at the price of a crystal mike. Mini-plug for mike, submini plug for remote control. 3-ft cord. Slip-on stand. 33-1054 ..... 4.99

# VERSATILE "FOUR-IN-ONE" COMPACT MUSIC SYSTEMS



Available  
Nov 15 1983

**NEW  
FOR 84**

**229<sup>95</sup>**

Only \$25 Per Month  
On CitiLine Credit

- Includes Matching 17"-High Speakers
- Two-Speed Changer With Cue/Pause Lever

**Realistic Clarinette®-113.** This attractive system is loaded with features, yet easily fits small spaces. You can record cassettes for home or car directly from the radio and record changer, or make cassette copies of 8-tracks. For "live" cassettes, just plug mikes into the 1/8" jacks on the front panel. The 8-track play-only deck has pushbutton program change with LED indicators. The cassette recorder/player shuts off automatically at end of tape. It has automatic recording level, a 3-digit tape counter and a pause control. Changer has a cue/pause control. Also features an edge-lighted radio dial, LED power "on" and FM stereo indicators, stereo headphone jack. Walnut-grained vinyl veneer finish. 8 1/4" x 16 1/2" x 13 3/8". Speakers, 17 x 10 x 5 1/2", each. U.L. listed. 13-1215 . . . . . 229.95



Color-Coded Graphic  
Display for Volume,  
Balance and Tone

## Control-Panel Features



LED Indicators for AM, FM Stereo,  
Cassette, 8-Track and Phono Modes

## AM/FM Stereo Phono With Record/Playback Decks for Cassettes and 8-Track Tapes

**299<sup>95</sup>**

Only \$27 Per Month  
On CitiLine Credit

- Matching 22"-High, Two-Way Speakers
- Two-Speed Automatic Record Changer
- Jacks Let You Add Two Extra Speakers

**Realistic Clarinette-102.** Our most versatile! You can record a cassette, an 8-track—or both at the same time—directly from radio or phono as you listen. You can even make 8-track copies of cassettes and cassette copies of 8-tracks! Front-panel 1/4" mike jacks for "live" tapes, too. Automatic recording level on both decks gives you perfect-volume tapes. Cassette has a counter to help you find selections. Eight-track has Auto-Stop to prevent over-recording. Changer has a cue/pause lever to help prevent record damage. Also features separate boost-and-cut bass and treble controls, lighted tuning meter and dial, LED indicators for FM stereo, record mode and 8-track program. Walnut vinyl veneer finish. 9 1/2" x 22 3/4" x 14 7/8". Speakers, 22 x 12 x 6 1/2" each with 8" woofer and 3" tweeter. U.L. listed. 13-1208 . . . . . 299.95



# SPACE-SAVING THREE-PIECE STEREO MUSIC SYSTEMS

## AM/FM Stereo Phono With Two Cassette Decks—Copy Your Tapes for a Friend!

**NEW  
FOR '84**

**239<sup>95</sup>**

Only \$25 Per Month  
On CitilLine Credit

- With Matching 17"-High Speakers
- Two-Speed Automatic Turntable

**Realistic Clarinette-114.** This system has one cassette deck for record/play and one for playback only. This enables you to copy tapes. A "continuous play" mode also lets you listen to two cassettes in sequence. You can record off-the-air and from records, or add mikes for "live" tapes. The turntable has a cue/pause control plus automatic arm return and shutoff. Also features Auto-Stop on both decks, automatic recording level, tape counter, 5-LED audio power meter, Hi-Filter and Loudness pushbuttons, LED indicators for record, continuous play and FM stereo modes. Edge-lighted dial, 1/4" headphone jack, 1/8" mike jacks. Vinyl finish. 9 x 16 1/2 x 15". Matching speakers, 17 x 10 x 5 1/2". U.L. listed. 13-1217 . . . . . 239.95



## "Tower" AM/FM Stereo Phono With Cassette

Loaded With  
"Big Stereo" Features!

**289<sup>95</sup>**

Only \$27 Per Month  
On CitilLine Credit

- 15"-High Two-Way Speakers • Two-Speed Changer
- Auto-Magic<sup>®</sup> FM • Loudness Button • Hi-Filter

**Realistic Clarinette-108.** The record/play cassette deck has full end-of-tape Auto-Stop and soft-touch controls, including pause for editing as you record. Cue/Review and a 3-digit tape counter help you find selections quickly. Exclusive Auto-Magic system fine tunes and locks in FM automatically. Changer has a cue/pause lever to gently raise and lower the tonearm. Aux input lets you listen to, or record from, an external tape deck or turntable. Hi-Filter reduces tape "hiss" and record scratch. Loudness button for better sound at low volume. 10-LED audio level meter. 1/4" jacks for headphone and mikes. Vinyl finish. 9 x 16 1/8 x 15". Matching speakers, 15 x 6 1/2 x 6 3/4", each with 5" woofer and 2" tweeter. U.L. listed. 13-1213 . . . . . 289.95



## Value-Priced AM/FM Stereo Phono With Cassette

**NEW  
FOR '84**

**199<sup>95</sup>**

- Includes Matching 18"-High Speakers
- Two-Speed Automatic Record Changer

**Realistic Clarinette-112.** Versatility at a bargain price! Records directly from the radio and the record changer, or "live" if you add mikes. Cassette features Auto-Stop at end of tape in record and play modes, automatic recording level, pause control and a 3-digit counter. Changer has a cue/pause lever to protect discs and stylus. Plays up to six records and shuts off after last disc. LED indicators for power "on". FM stereo and record modes. 1/8" jacks for mikes, 1/4" jack for headphone. Walnut-grained vinyl finish. 10 1/4 x 18 1/2 x 14 1/2". Speakers, 18 x 11 3/8 x 5 3/4". U.L. listed. 13-1216 . . . . . 199.95



Matching Speakers Include Pre-Wired Cords and Connectors for Easy, Plug-In Hookup

# MINI MUSIC SYSTEMS—IDEAL FOR ALL YOUNGSTERS

AM/FM Stereo Cassette With Built-In Speakers



**149<sup>95</sup>**

- Perfect for a Youngster's Bedroom Shelves
- Cassette Pause Control and Tape Counter
- Separate Bass and Treble Controls

**Realistic Clarinette®-66.** A big value in a small size! "Stacked" design looks great and fits almost anywhere. Record off-the-air, or "live" with optional mikes. Features LED power-on and FM stereo indicators and headphone jack. Expand anytime with external speakers and record changer (below). Simulated wood grain on top and sides. 11<sup>1</sup>/<sub>2</sub> x 13<sup>1</sup>/<sub>2</sub> x 11<sup>1</sup>/<sub>2</sub>". U.L. listed. 13-1214 ..... 149.95



Jacks for Phono,  
Aux, External  
Speaker

**Add a Record Changer**

**Realistic LAB-59.** Two-speed automatic with ceramic cartridge (see page 26 for details). 42-2979 ..... 69.95

## AM/FM With Stereo Phono and Speakers

Great "First System"

**89<sup>95</sup>**



- Two-Speed Record Player
- Removable Dust Cover



Speakers Separate Up to 18 Feet

**Realistic Clarinette-14.** Space-saving pedestal base holds the phono/monophonic tuner plus either the speakers or a collection of 45-RPM records. Phono has sapphire-stylus cartridge and built-in 45-RPM adapter. 6<sup>1</sup>/<sub>4</sub> x 13 x 10". Two wide-range speakers, each in a 6<sup>3</sup>/<sub>4</sub> x 6<sup>5</sup>/<sub>8</sub> x 6<sup>5</sup>/<sub>8</sub>" molded enclosure. U.L. listed. 13-1161 ..... 89.95

## Low-Priced Stereo Phono System

**59<sup>95</sup>**



Wood Speaker Enclosures

**Realistic Clarinette-15.** Three-speed manual phono has a built-in 45-RPM adapter, sapphire stylus, left and right channel volume controls, headphone jack and dust cover. 6<sup>1</sup>/<sub>8</sub> x 13<sup>1</sup>/<sub>4</sub> x 10". Two 6 x 2" full-range speakers, in 10 x 8 x 4<sup>1</sup>/<sub>2</sub>" walnut vinyl enclosures, separate up to 18 feet. U.L. listed. 13-1119 ..... 59.95

## Two-Speed Manual Phono

**NEW FOR '84**

**24<sup>95</sup>**

- Plays LPs and 45s
- Rugged Molded Case



Exciting music to please young listeners. Features sapphire stylus, rotary volume control, top-mounted speaker. Lightweight yet sturdy carry case with vinyl handle. 3<sup>3</sup>/<sub>4</sub> x 11 x 8<sup>1</sup>/<sub>2</sub>". U.L. listed. 13-1118 ..... 24.95

## Manual Phono With Sing-Along Mike

**NEW FOR '84**

Now Every Youngster Can Be A Star!

**39<sup>95</sup>**



Kids will love hearing their own voices along with their favorite 33<sup>1</sup>/<sub>3</sub> and 45-RPM records. "Grownup" features include a top-mounted 3" speaker, removable dust cover, tubular tonearm, rotary volume control and rugged molded base. 13 x 9 x 4<sup>3</sup>/<sub>4</sub>". U.L. listed. 13-1117 ..... 39.95

# MUSIC AND LIGHTS TO BRIGHTEN UP YOUR LIFE

## Psycho-Lite® Color Show

**NEW FOR '84**

**1295**



Projects a kaleidoscope of color on walls, ceiling, floor. 6 1/2" high. U.L. listed.

42-3018 . . . 12.95

## Psycho-Lite Bulb

**499**

Wild, Flickering Action!



Great for parties. Fits any standard light socket.

42-3014 . . . 4.99

## High-Intensity Strobe Light



Seems to Stop Motion **2995**

Wide-angle light with adjustable flash rate. Walnut vinyl. 7 9/16 x 7 9/16 x 4 3/4" U.L. listed.

42-3009 . . . 29.95

## Paul Revere Rides Again On Dolby\* Cassette



**NEW FOR '84** Paul Revere & The Raiders **499**

Exclusive! Rock Around the Clock, Louie, Louie, Good Lovin', CC Ryder, You Really Got Me, more. With guest stars Mary MacGregor, Blood, Sweat & Tears and Eric Burdon. 51-3013 . . . 4.99

## Rock'n'Roll City Dolby\* Cassette



**NEW FOR '84** Mike Love (The Beach Boys) Dean Torrence (Jan and Dean) **499**

Exclusive! Twelve new rock'n roll recordings. With special guests The Beach Boys, Paul Revere and the Raiders, the Ripchords and the Association. 51-3009 . . . 4.99

## Famous Artists on Realistic® Cassettes—Only \$4.99 Each

### A Outlaw Country



### G Put the Hammer Down



### B Willie Nelson



### H Summer Means Fun



### C Carl Perkins & Eddie Cochran



### J B. Mandrell & G. Jones



### D The Everly Brothers



### K Fiedler & Friends



### E Chuck Berry & Little Richard



### L Mancini & The Doc



### F Mickey Gilley & Jerry Lee Lewis



### M Beach Boys & Jan 'n Dean



## Doc Severinsen Digitally Recorded LP



**NEW FOR '84** With London's National Philharmonic Orchestra **699**

Superb sound at a breakthrough price! Recorded live and mixed direct to 2-track digital equipment. Pressed on premium vinyl. 51-3018 . . . 6.99

**A** Outlaw Country. Rugged, western-style hits by Moze and Joe, David Allen Coe, George Jones, Willie Nelson, Johnny Paycheck, Charlie Rich, Charlie Daniels Band, Lacy J. Dalton, Johnny Cash, more. 51-9004 . . . 4.99

**B** Willie Nelson, *Once More With Feeling*. Bloody Merry Morning, Yesterday's Wine, Help Me Make It Through the Night, I'd Trade All of My Tommorrow's, Hello Walls, My Own Peculiar Way, Will You Remember, more. 51-9008 . . . 4.99

**C** Carl Perkins and Eddie Cochran, *Go, Cat, Go*. Boppin' the Blues, Blue Suede Shoes, Honey Don't, Dixie Fried, Matchbox, C'mon Everybody, Summertime Blues, Nervous Breakdown, more. 51-3019 . . . 4.99

**D** The Everly Brothers, *Walkin' Right Back*. That's Old Fashioned, Let It Be Me, Wake Up Little Suzie, Walk Right Back, Lucille, Carhy's Clown, Bye Bye Love, more. 51-3014 . . . 4.99

**E** Rockin' n' Rollin' With Chuck Berry & Little Richard. Johnny B. Goode, Reelin' & Rockin', Rock & Roll Music, Sweet Little Sixteen, Roll Over Beethoven, Long Tall Sally, Good Golly Miss Molly, more. 51-3012 . . . 4.99

**F** Mickey Gilley and Jerry Lee Lewis, *Country Cousins*. Great Balls of Fire, Whole Lotta Shakin', Breathless, Stand By Me, Don't the Girls Get Prettier When It's Cusin' Time, Honky Tonk Memories, more. 51-3015 . . . 4.99

**G** Put the Hammer Down. Ten truckers favorites! Movin' On, White Line Fever, Merle Haggard; Convoy, C.W. McCall, Phantom 303, Red Sovine, six others. 51-6101 . . . 4.99

**H** Summer Means Fun. Surfin' and Draggin' hits by The Beach Boys, The Fantastic Baggys, Jan & Dean, The Safaris, The Chantays and Eddie Cochran. 51-3006 . . . 4.99

**J** Barbara Mandrell and George Jones. I'm Not Ready Yet, White Lightnin', Once You've Had the Best, She Thinks I Still Care, Treat Him Right, Do Right Woman, Do Right Man, more. 51-9016 . . . 4.99

**K** Arthur Fiedler and Friends. Ten Boston Pops offerings featuring guest artists Peter Nero, Chet Atkins, Stan Getz, Al Hirt and the immortal Duke Ellington. 51-9012 . . . 4.99

**L** Henry Mancini & Doc Severinsen. The Pink Panther Theme, Theme from Summer of '42, Moon River, Round Midnight, A Song for You, Dreamsville, more favorites. 51-3003 . . . 4.99

**M** Beach Boys & Jan 'n Dean. Surfin' USA, Deadman's Curve, Surf City, Little Deuce Coupe, Fun, Fun, Fun, I Get Around, Drag City, Little Old Lady from Pasadena, more. 51-9010 . . . 4.99

# HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

Our Best! With Dolby\*B Noise Reduction and Computerized Memory Tuning



**NEW FOR '84**

**249<sup>95</sup>**

Only \$26 Per Month  
On CitiLine Credit

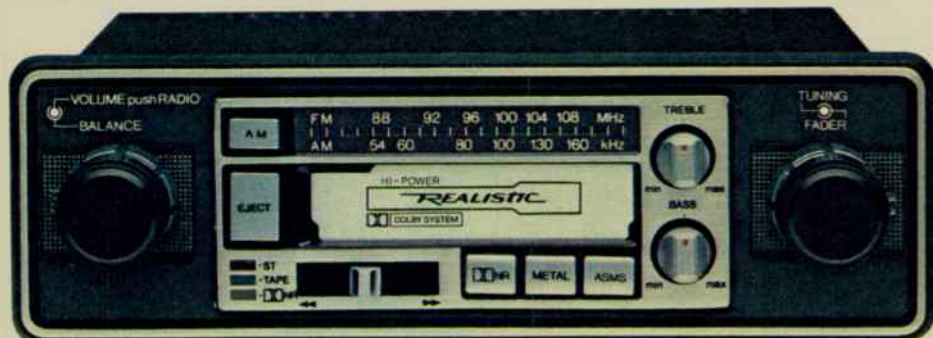
- 30 Watts Total Output Power
- Dolby NR Reduces Tape Hiss and Noise
- LED Display for Station Frequency and Time
- 12-Station Memory • Full Automatic Tape-Eject

Realistic's finest-ever autosound player has it all! You get digital synthesized circuitry for totally accurate tuning and drift-free reception. A computerized memory gives you instant, soft-touch selection of six AM and six FM stations. You also can scan the AM or FM band and stop at each station. The LED display reads station frequency and changes to accurate quartz time after a station is locked in. Features easy-to-set time and station memory with LED indicator, automatic mono/stereo switching for superior FM, loudness pushbutton for bet-

ter sound at low volume levels, separate bass and treble controls and a PLL IC for wide FM stereo separation (30 dB). Cassette player has a metal/standard tape selector, Auto-Eject at end of tape and when ignition is shut off, automatic replay after rewind, locking fast-forward and rewind, LED indicators for Dolby NR and tape "on". And there's a switched power lead for adding a power antenna or other accessory. Step up to the finest in autosound for "home hi-fi" realism!

12-1903 ..... 249.95

## With Dolby\*B NR, Auto-Search and Fader-For In or Under Dash



**NEW FOR '84**

**179<sup>95</sup>**

- 24 Watts Total Output Power
- Auto-Search System Makes it Easy to Find Your Favorite Selections on Cassettes
- Dolby NR Reduces Tape Hiss and Noise
- Fader to Balance Four-Speaker Systems

Latest styling plus features for outstanding sound and easy operation. Tuner has automatic stereo/mono switching for best FM reception wherever you drive. Cassette has a selector for metal tape, locking fast-forward and rewind, automatic replay after re-wind, automatic

release at end of tape and when ignition is shut off. Amplifier has separate bass and treble controls, fader control and loudness pushbutton. With in and under dash mounting hardware and a switched accessory power lead. 12-1904 ..... 179.95

## Even Our Lowest Priced Model Has Separate Bass and Treble Controls



**NEW FOR '84**

**89<sup>95</sup>**

Available Sept. 30, 1983

- 24 Watts Total Output Power
- End-of-Tape Auto-Stop • Loudness Button

Super stereo at an amazing low price! Has plenty of power to overcome road and engine noise. You'll appreciate the separate full-range bass and treble controls, loudness button for better sound when you listen at low volume, and mono/stereo pushbutton for best reception of

weak or distant FM stations. You also get the convenience of pushbutton fast-forward/manual eject, LED indicators for FM stereo and tape modes, plus a switched lead for a power antenna or other accessory. 12-1900 ..... 89.95

# SUPERB SOUND! HIGH-POWERED STEREO IN-DASH

## Auto-Reverse, Computer-Memory Tuning and LED Station/Time Display

**NEW FOR '84**

**219<sup>95</sup>**

Available Sept. 30, 1983

- 24 Watts Total Output Power
- Auto-Reverse Plays Both Sides of Cassettes
- LED Display for Station Frequency and Time
- Pushbuttons for Six AM and Six FM Stations

This deluxe player delivers non-stop cassette listening plus convenient locking fast-forward and rewind and tape-release when ignition is shut off. Digital synthesized tuner is 100 percent accurate and drift free. Scans AM and FM bands, stops automatically at each station. Computer memory provides instant selection of 12 stations. LED



frequency display reads precise quartz time after station is locked in. Also features standard/metal tape selector, automatic FM mono/stereo switching, separate bass and treble controls, loudness button for best sound at low volume, plus a switched accessory power lead. 12-1905 ..... 219.95

### LED Display and Auto-Search



**ONE OF OVER 350 NEW LOW PRICES**

**169<sup>95</sup>**

- 24 Watts Total Output Power
- Auto-Search Music System Makes it Easy to Find Individual Selections on Cassettes

LED frequency display also shows accurate time when you listen to tapes, dims for night driving. Has Dynamic Signal Enhancer and mono/stereo button for great FM, locking fast-forward/rewind, Auto-Stop, separate bass and treble, loudness button, front/rear fader, recessed time-set buttons. 12-1899 ..... 169.95

### "Universal" Size With Auto-Reverse and Auto-Eject

**NEW FOR '84**

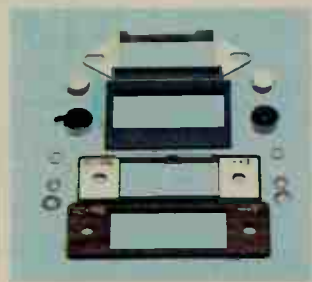
**199<sup>95</sup>**

With two different trim plates, molded nosepiece, gasket for GM/Ford cars.



- 30 Watts Total Output Power
- Fits Almost All Imported and Domestic Cars
- Signal Enhancer IC Dramatically Improves FM
- Pushbuttons to Preset Five Favorite Stations

Features separate bass and treble controls, locking fast-forward and rewind, automatic tape eject when ignition is shut off. Has switched power lead and line-out jack for adding our 100-watt booster or other components. FM stereo/mono switch, LED indicators for tape direction and stereo FM. 12-1902 ..... 199.95



### HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

Cat. No.	Chassis Type	Body Size (H x W x D)		Nose Piece Size (H x W x D)		Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1880 ✓	DIN	1 3/4 x 7 3/32 x 4 9/16	44 x 180 x 116	1 1/16 x 4 9/16 x 1 3/16	43 x 116 x 30	5 1/8 to 6 5/16	130 to 160
12-1896	DIN	1 3/4 x 7 3/32 x 4 15/16	44 x 180 x 125	1 1/16 x 4 9/16 x 1 3/16	43 x 116 x 30	5 1/8 to 6 5/16	130 to 160
12-1899	Mini	1 3/4 x 6 5/16 x 4 15/16	44 x 160 x 125	1 2/32 x 4 1/8 x 1 3/8	42 x 105 x 35	5 1/8 to 6 5/16	130 to 160
12-1900 ✓	DIN	1 3/4 x 7 1/4 x 4 5/8	44 x 180 x 120	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 5 13/16	130 to 148
12-1901	DIN	1 3/4 x 7 x 5 1/4	44 x 178 x 130	1 3/4 x 4 1/8 x 1	44 x 105 x 32	5 3/8 to 5 13/16	136 to 147
12-1902 ✓	DIN/Univ.	1 3/4 x 6 1/4 x 4 5/8	44 x 160 x 120	1 3/4 x 3 5/8 x 1	40 x 90 x 24.5	5 to 5 13/16	125 to 148
12-1903 ✓	DIN	1 3/4 x 7 1/4 x 6	44 x 180 x 150	1 2/32 x 4 1/3 x 1 1/2	42 x 109 x 38	5 1/8 to 6 7/32	130 to 158
12-1904 ✓	DIN	1 3/4 x 7 x 5 1/4	44 x 178 x 130	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 6 5/16	130 to 160
12-1905 ✓	DIN	1 3/4 x 7 3/32 x 6	44 x 180 x 145	1 3/4 x 4 1/8 x 1 3/8	44 x 105 x 35	5 1/8 to 5 13/16	130 to 148
12-1906 ✓	Mini/Univ.	1 3/4 x 6 1/4 x 4 5/8	44 x 160 x 120	1 3/4 x 3 3/4 x 1 3/8	41.5 x 93 x 35	5 to 5 13/16	125 or 148
12-1907	Mini	1 3/4 x 6 1/4 x 4 1/2	44 x 159 x 114	1 1/16 x 3 5/8 x 1 1/16	39 x 90 x 27	4 7/8 x 5 1/3	124 to 130

**DIN** size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. **MINI** fits smallest Japanese cars, most domestic compacts and subcompacts. ✓ Includes Ford/GM rubber gasket for nosepiece. \* Fits standard and import-size cars. **GENERAL INFORMATION:** All players include ample speaker cable, mounting hardware, illustrated instructions, trim plates and nosepieces. For 12VDC negative ground only. **CAUTION:** Do NOT use high-power players with common ground (3-wire) speaker-wiring or switches. **NOTE:** 6 5/16" (160 mm) shaft spacing is standard for most domestic trucks.

# AM/FM STEREO TAPE PLAYERS—FIVE GREAT VALUES

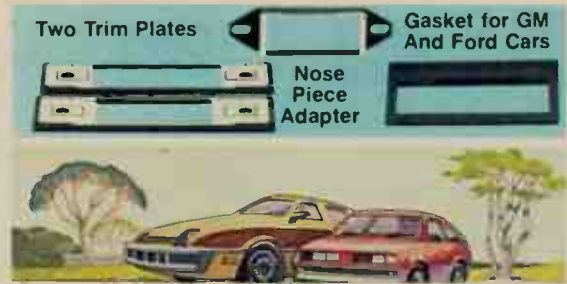
In-Dash, Auto-Reverse Cassette Puts Great Stereo in Almost Any Vehicle



**NEW FOR '84**

**109<sup>95</sup>**

- Mini Size—Fits Imports
- Locking Fast-Forward and Rewind
- Mono/Stereo Button for Best FM Reception



Easy to Install in Big or Small Vehicles

Everything you need for a professional-looking fit! Includes two trim plates: One is for import/compact cars, the other for standard-size cars. A nosepiece adapter and rubber gasket are provided for dash mounting in GM and Ford makes.

Convenient Auto-Reverse system plays both sides of cassettes automatically and a tape-reverse control takes you to the other side of the tape instantly. Has switched power lead for adding accessories such as our 100-watt booster amplifier or any auto-

matic antenna. Features an LED indicator for stereo FM, separate pushbuttons for locking fast-forward and rewind, manual eject, radio on/off and AM/FM selection. 8 watts total output.

12-1906 ..... 109.95

## Mini-Size Mounts In or Under Dash



**NEW FOR '84**

**79<sup>95</sup>**

- Auto-Stop at End of Tape
- Metal/CrO<sub>2</sub> Tape Selector
- Ideal for GM X-Body Cars!

Available Oct. 15, 1983

Small size and price only! This is a dependable performer with a locking fast-forward/manual eject control and stereo/mono button for best reception of distant FM stations. Tape "on" and FM stereo indicators, lighted dial, switched power lead for accessories. Mounts vertically or horizontally. With nose piece, under-dash bezel. 8 watts total output. 12-1907 ..... 79.95

## In-Dash With Pushbutton Radio



**119<sup>95</sup>**

- Compact DIN Size
- Auto-Stop
- Locking Fast-Forward/Eject Button

Pushbutton convenience at way below the cost of factory installed! You get instant selection of any five stations. End-of-tape Auto-Stop in play and fast-forward modes helps prevent tape damage. Stereo/mono button improves reception of weak or distant FM stations. Has lighted dial, LEDs for FM stereo and tape modes. 8 watts total output. 12-1896 ..... 119.95

## Low-Cost In-Dash AM/FM Stereo Cassette



**ONE OF OVER 350 NEW LOW PRICES**

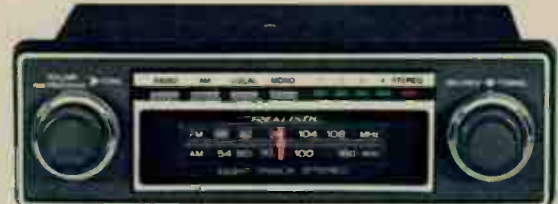
Was \$79.95 in 1983 Catalog

**69<sup>95</sup>**

- DIN-Size
- Auto-Stop at End of Tape
- Stereo/Mono Switch for Best FM

Superb sound and in-dash security—now even more affordable! Player starts when a cassette is inserted, stops automatically at end of tape. Pushbutton for locking fast-forward/eject, lighted dial, tape and FM stereo indicators. Rotary volume, tone, balance and tuning controls. 8 watts total output. 12-1880 ..... 69.95

## Radio Shack Has Low-Cost 8-Track



**NEW FOR '84**

**79<sup>95</sup>**

- DIN Size Mounts In or Under Dash
- Lighted Dial
- Local/DX Button

Adds AM, FM stereo and 8-track to your car at a great low price. Features pushbutton selection of radio/tape, AM/FM, FM stereo/mono, local/distance. Left rotary control is for on/off, tape program, tone. Right is for tuning, balance. Stereo FM and 8-track program indicators. 8 watts total output. 12-1901 ..... 79.95



# UNDERDASH STEREO CASSETTES, 8-TRACKS, RADIOS

With Auto-Search and Auto-Reverse



**6995**

- Auto-Search Music System Makes it Easy to Find Tape Selections
- Convenient Auto-Reverse Plays Both Sides of Your Cassettes Automatically

What a value! This compact player gives you the two handiest cassette features at an incredible low price. Auto-Search lets you advance a tape to the start of the next selection or replay a selection with the touch of a button. Separate locking fast-forward and rewind plus slide-action volume, tone and balance controls make it easy to operate while you drive. Also has LED indicators for tape direction and Auto-Search "on"; manual stop/eject button. 1<sup>9</sup>/<sub>16</sub> x 5<sup>1</sup>/<sub>2</sub> x 6". 8 watts total output. 12-1980 . . . . . 69.95

With Dolby\* B NR and Auto-Reverse



\*TM Doiby Laboratories Licensing Corp.

**NEW FOR '84 9995**

Available Sept. 30, 1983

- 24 Watts Total Output Power
- Auto-Search Music System Helps You Find Cassette Selections Quickly
- Standard/Metal/CRO, Tape Selector

Our best underdash cassette gives you three times the power of most players—and that's just the beginning! Dolby Noise Reduction system dramatically reduces tape hiss and Auto-Reverse plays both sides of cassettes automatically. The Auto-Search, locking fast-forward and rewind, and direction-change buttons help you find selections in seconds, not minutes. Also features separate slide-action bass and treble controls, 1/8" jack for stereo headphone, LED indicators for tape direction and Dolby. 2 x 5<sup>7</sup>/<sub>8</sub> x 6<sup>1</sup>/<sub>2</sub>".

12-1982 . . . . . 99.95

## "Super-Mini" Cassette Fits Anywhere



**5995**

Perfect for Sports Cars, Subcompacts And Imports

Fine sound that's easy to mount under dash, in glove compartment or center console. Features end-of-tape Auto-Stop with LED indicator, convenient locking fast-forward and slide-action volume, balance and tone controls. Only 1<sup>3</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>4</sub> x 5<sup>9</sup>/<sub>16</sub>". 8 watts total output. 12-1803 . . . . . 59.95

## Our Lowest Priced Car Stereo Cassette

ONE OF OVER 350 NEW LOW PRICES

**3795**

Was \$39.95 in 1983 Catalog



Compact in size and price, yet has all the basic features and surprisingly good sound! Auto-Stop in play mode, locking fast-forward, pushbutton eject, plus slide-action volume, tone and balance controls. Easy to install—only 1<sup>5</sup>/<sub>8</sub> x 5<sup>9</sup>/<sub>16</sub> x 5<sup>1</sup>/<sub>4</sub>". 8-watts total output. 12-1807 . . . . . 37.95

## Easy-to-Install Radios, Two Excellent Values



**4795**

- Lighted Dial
- Built-In Speaker

AM/FM Radio. Compact DIN size for in or under dash. Local/DX and Hi/Lo tone switches, jack for external speaker. Great for truckers—works on 12VDC positive or negative ground. 1<sup>7</sup>/<sub>8</sub> x 6<sup>5</sup>/<sub>8</sub> x 4<sup>7</sup>/<sub>8</sub>" (48 x 168 x 124 mm). 12-1353 . . . . . 47.95



**2795**

- 4" Speaker
- Hi/Lo Tone Switch

AM Radio. Fits in dash of many cars and under dash of almost all vehicles! Great sound at one-third the cost of factory-installed. Lighted dial. 12VDC negative ground only. 1<sup>3</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>2</sub> x 6<sup>3</sup>/<sub>8</sub>" (44 x 140 x 162 mm). 12-1352 . . . . . 27.95

## Space-Saving 8-Track Bargain

**3995**

- Slide-Action Controls
- Mounts Easily—Just 6<sup>7</sup>/<sub>8</sub>" Deep



This smart-looking player fits under dash of the smallest cars. Or mount it in glove compartment or center console. Has pushbutton program change with LED indicators, slide-action volume, tone, balance, reliable IC amplifier. 2<sup>1</sup>/<sub>2</sub> x 4<sup>3</sup>/<sub>4</sub> x 6<sup>7</sup>/<sub>8</sub>". 8 watts total output. 12-1800 . . . . . 39.95

NOTE: All Realistic tape players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete illustrated instructions. All except #12-1353 are for 12VDC negative ground only.

# MATCHED STEREO SPEAKER PAIRS TO FIT MOST CARS



## 3-Way 5 1/4" Flush Mount Speaker System

ONE OF OVER 350 NEW LOW PRICES

**6995** Pair

Was \$79.95 in 1983 Catalog

80 Watts Power Handling Capacity

This deluxe hi-fi speaker system really makes high-power autostand equipment come alive! Boasts individually mounted 5 1/4" woofer, 2 1/2" midrange and 2" tweeter, with electronic crossover. Fits standard 6 x 9" cut-out. 2 3/4 x 9 3/4 x 6 3/4". 12-1854 ..... Pair 69.95

## Our Finest 3-Way 6 x 9" Flush Mounts

**9995** Pair

- 3" Midrange
- 1 3/4" Tweeter
- 6 x 9" Polypropylene Woofer Resists Moisture
- 120 Watts Power Handling Capacity



Superb flush-mounts deliver full-range sound to 18,000 Hz. 20-oz. magnets for fantastic bass response. Mesh grilles. No retainer rings required. 12-1857 ..... Pair 99.95



## 2-Way 5 1/4" Surface Mounts

**5995** Pair

60 Watts Power Handling Capacity

These superb speakers feature individually mounted 5 1/4" woofer, 2" tweeter, open-mesh grilles, electronic crossover network. 3 x 9 1/2 x 6 1/4" molded housings. 12-1853 ..... Pair 59.95



## 3-Way 5 1/4" Flush Mounts

**5995** Pair

60 Watts Power Handling Capacity

High-powered hi-fi sound! Big 5 1/4" air-suspension woofer and 20-oz. magnet, 1" voice coil, 2" midrange, 1" horn tweeter, electronic crossover. No retainer rings required. 12-1856 ..... Pair 59.95



## 5 1/4" Surface Mounts

**2995** Pair

Quality speakers with cloth-rolled dual cone and powerful 8-oz. magnet. Acoustic suspension for deep bass. Durable molded housings. 7 3/4 x 7 1/2". 12-1849. Pair 29.95

40 Watts Power Handling Capacity



## Space-Saving 5 1/4" Flush Mounts

40 Watts Power Handling Capacity

**2995** Pair

Moisture Shields Included

Only 1 1/4" deep—mount easily in door panels or anywhere space is shallow. Metal grilles. No retainer rings required. 12-1855 ..... Pair 29.95



## Compact 4" Flush Mounts

**2995** Pair

40 Watts Power Handling Capacity

Ideal size for imports and compacts. Dual-cone design, with 6.5-oz. magnets. No retainer rings required. 12-1858 ..... Pair 29.95



## Budget 5 1/4" Surface Mounts

**1795** Pair

20 Watts Power Handling Capacity

Wide-response dual-cone speakers, with 4 1/4-oz. magnets, mounted in durable molded housings. Easy to install or remove to re-mount in your next car. 7 3/4 x 7 1/2". 12-1844 ..... Pair 17.95

## 5 1/4" Flush Mount Speakers

20 Watts Power Handling Capacity

**1795** Pair

Buy 'em for miles of listening pleasure! Wide-response dual-cone speakers with 4 1/4-oz. magnets. With retainer rings for quick mounting without removing door panels. Metal grilles. 12-1843 ..... Pair 17.95



## 3" Surface Mount Speakers

**1195** Pair

20 Watts Power Handling Capacity

An economical way to add fine sound to any car! Small size fits most subcompacts. Wide-range speakers in durable molded housings. Heavy-duty ceramic magnets. 12-1852 ..... Pair 11.95

## Space-Saving 5" Flush Mounts

20 Watts Power Handling Capacity

**1195** Pair

Enjoy fine car stereo, even when there's a minimum of mounting space. Wide-range speakers include retainer rings for quick mounting without removing panels. Molded vinyl grilles. 12-1851 ..... Pair 11.95



# VALUES IN AUTOSOUND SPEAKERS & ACCESSORIES

## 2-Way Budget System



Reg. Separate Items 14.90

**20% Off**  
**1195** Set

- 2" Piezo Tweeter
- 4" Woofer

Custom design a speaker system for your car. Great 55-25,000 Hz response! No crossover required, easy parallel hookup. Handles 10 watts. 40-1022/1383 ..... 11.95

## Powerful 2-Way System



Reg. Separate Items 24.90

**Save \$495**  
**1995** Set

- 3 3/4" Piezo Tweeter
- 6 1/2" Woofer

A superbly matched speaker system with great 50-20,000 Hz response! No crossover required, easy parallel hookup. Handles 50 watts. 40-1382/1009 ..... 19.95

## The Minimus®-7's "Little Brother"



**1995** Each

Mounting Bracket

**350** NEW LOW PRICES

**995** Pair

Minimus-3.5. Ideal for stereo in small cars. Extraordinary 3" speaker, high-density molded enclosure. 5 5/8 x 3 5/8 x 3 3/8".

40-1996 ..... 19.95

Mounting Bracket. Was \$10.95 in 1983 cat. 40-1997 ..... Pair 9.95

## 2-Way, Die-Cast Metal Minimus-7

**4995** Each

Mounting Bracket

**1495** Pair



4" woofer, 1" tweeter. 40W. 7 1/16 x 4 7/16 x 4 5/16".

Black. 40-2030 ..... 49.95

Silver. 40-2034 ..... 49.95

Bracket. 40-2031 ..... Pair 14.95

## 6 x 9" 3-Way Speaker



**2795** Each

Was \$29.95 in 1983 Catalog

**350** NEW LOW PRICES

Woofer with 10-oz. magnet, 3" mid-range, 1/2" tweeter. 30W.

40-1356 ..... 27.95

## 6 x 9" Speakers

Low As

**695** Each



Whizzer cones.

Cat. No.	Mag.	Watts	Was	Now
40-1260	10.0 oz.	30	12.95	11.95
40-1268	5.3 oz.	10	9.99	9.95
40-1269	3.0 oz.	6	6.95	6.95

## 4 x 10" Speakers

Low As

**795** Each



Dual cones, ceramic magnets.

Cat. No.	Mag.	Watts	Was	Now
40-1297	10.0 oz.	30	12.95	11.95
40-1243	5.0 oz.	10	8.59	7.95

## 5 x 7" Speaker

**350** NEW LOW PRICES

**695** Each



Was \$7.99 in 1983 Catalog

3-ounce ceramic magnet with 10 watts power handling capacity. 4/8/16 ohms. 40-1261 ..... 6.95

## 4 x 6" Speaker



**350** NEW LOW PRICES

**595** Each

Was \$6.95 in 1983 Catalog

Wide-range sound. Handles up to 10 watts. 5.3-ounce ceramic magnet. 8 ohms. 40-1298 ..... 5.95

## 5 1/4" Speakers

Low As

**595** Each



Ideal for car doors or back panels.

Cat. No.	Mag.	Watts	Was	Now
40-1354	10.0 oz.	40	12.95	11.95
40-1241	5.3 oz.	8	5.99	5.95

## 5" Speakers

Low As

**495** Each



Cat. No.	Mag.	Watts	Was	Now
40-1284	9.8 oz.	20	9.95	9.95
40-1909	5.3 oz.	10	6.95	6.95
40-1240	2.8 oz.	5	5.79	4.95

## 4" Full-Range Speakers

Low As

**495** Each



Ideal for limited-space mounting.

Cat. No.	Mag.	Watts	Was	Now
40-1197	6.80 oz.	10	10.95	9.95
40-1203	0.53 oz.	2	4.95	4.95

## 3 1/2" Speakers



Low As

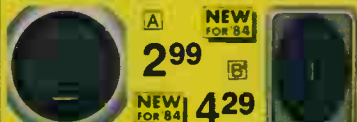
**495**

**350** NEW LOW PRICES

5-Oz. Magnet. NEW! Dual-cone. 20W. 40-1325 ..... 6.95

New Low Price! 2.8-Oz. Magnet. 4W. Was \$5.99 in 1983 cat. 40-1333 ..... 4.95

## Wire-Mesh Grilles



**A** 5 1/4" or 6". High-temperature molded "silver" frame. Dust cover, mtg. hdwe. 40-1336 . . . Ea. 2.99

**B** 6 x 9". As above, except fits 6 x 9" speakers. 40-1335 . . . 4.29

## 6 x 9" Steel Grille



**239** Each

**NEW FOR 84**

For mounting 6 x 9" speakers in car. Texturized jet black finish. With mounting hardware and template. 40-1175 ..... 2.39

## Molded Grilles



Fig.	Description	Cat. No.	Each
C	4" or 5" door	40-1291	1.99
O	6 x 9" rear deck	40-1337	2.99
E	4 x 10" rear deck	40-1338	3.99

## Headphone Controller



**NEW FOR 84**  
**799**

Outlets for two mini-headphones, volume control. Speaker cut-off switch. With standard connectors, mtg. hardware. 270-049 . . . 7.99

Recommended for passenger use only

## Stereo Faders



Low As  
**499**

High-Power. Provides front-to-rear balance adjustment. 40 watts. 270-048 ..... 6.99

Standard. 5W. 270-047 . . . 4.99

## Selector/Fader



**599**

Select stereo tape or radio. Control front-to-rear balance to suit your taste. 270-046 ..... 5.99

## Selector Switch



**299**

Switch from tape to radio using the same pair of speakers. Includes hardware and instructions. 270-045 ..... 2.99

# PERFORMANCE-BOOSTERS FOR SUPER AUTOSOUND

100-Watt Stereo Amplifier With  
18-Foot Heavy-Duty Cable

**11995**



50 Watts  
Per Channel

Mounts  
In Trunk  
Or Under Dash

Boosts power of any autostand system! Selectable high/low level inputs—works with separate components, too. Auto power "on," noise filter, overload protection. Only 1% THD at 80 watts. 2<sup>3</sup>/<sub>8</sub> x 6<sup>9</sup>/<sub>16</sub> x 8<sup>1</sup>/<sub>16</sub>". With complete instructions, mounting hardware. 12-1866 ..... 119.95

40-Watt Stereo Frequency Equalizer/Boosters

Five Bands, Fader Control



ONE OF OVER 350 NEW LOW PRICES

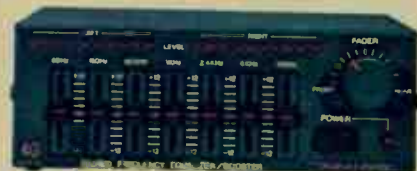
Was \$69.95 In 1983 Catalog

**5995**

Improves your present system—expands dynamic range and gives you total tonal control. Thin-line design fits under any dash. Five-level LED power meter, fader control for 4-speaker systems. Band centers: 60, 250, 1000, 3500, 12,000 Hz. Only 1% total harmonic distortion at 30 watts. 1<sup>3</sup>/<sub>16</sub> x 5<sup>7</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>4</sub>".

12-1865 ..... 59.95

Seven Bands, Fader Control



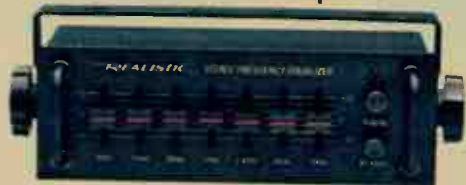
ONE OF OVER 350 NEW LOW PRICES

Was \$79.95 In 1983 Catalog

**6995**

Our best! Dramatically improves dynamic range and tone—it will fill even a motorhome with great sound. Seven slide-action controls boost or cut response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Has rotary front/rear fader control for 4-speaker systems. Only 1% THD at 30 watts. 2 x 5<sup>1</sup>/<sub>2</sub> x 6" 12-1862 ..... 69.95

7-Band Stereo Equalizer



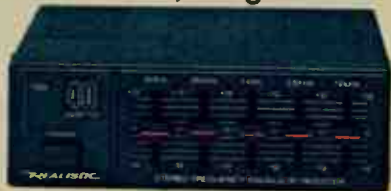
NEW FOR 84

**3995**

12 dB Boost/  
Cut Range

Adds precise tonal balance to most high-power amps. Band centers: 50, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Phono-type input and output jacks. Bypass pushbutton. 1<sup>9</sup>/<sub>10</sub> x 5<sup>2</sup>/<sub>3</sub> x 4". With underdash mtg. hdwe. 12-1867 ..... 39.95

Five Bands, Bargain Price



NEW FOR 84

**3495**

Perfect for two-speaker systems! Increases power and lets you boost or cut response up to 12 dB in bands centered at 60, 250, 1000, 3500 and 12,000 Hz. Only 1% THD at 30 watts. 2 x 5<sup>1</sup>/<sub>4</sub> x 6". 12-1868 ..... 34.95

40-Watt Power Booster

ONE OF OVER 350 NEW LOW PRICES



Was \$27.95 In 1983 Catalog

**2495**

Compact,  
Yet Powerful

Widens the dynamic range of your present autostand system—lets you hear the music over road and engine noise. Easy hookup and simple push-button operation. Only 1% THD at 30 watts. 1<sup>1</sup>/<sub>4</sub> x 4 x 6<sup>7</sup>/<sub>8</sub>". 12-1860 ..... 24.95

Compact, Easy-to-Install FM Converter

**2495** Lighted  
Dial

- Plug-In Hookup
- Uses Existing AM Antenna

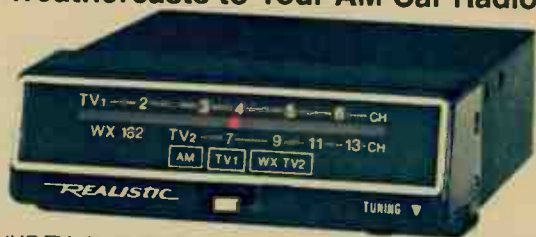
Start enjoying the music you're missing! Adds FM to your AM car radio. No rewiring. For under dash. 1<sup>3</sup>/<sub>16</sub> x 4 x 5<sup>1</sup>/<sub>4</sub>". 12VDC neg. gnd. 12-1350 ..... 24.95

Add TV Sound and Weathercasts to Your AM Car Radio

NEW FOR 84 **2495**

Hear Sports, TV News, National Weather Service Or Your Favorite Soap Opera While You Drive

Easy plug-in hookup! Covers: VHF TV channels 2 to 6, VHF-TV channels 7 to 13 plus 162.40 to 162.55 MHz Weather band. 1<sup>7</sup>/<sub>16</sub> x 4<sup>7</sup>/<sub>16</sub> x 5<sup>9</sup>/<sub>16</sub>". With underdash hardware. For 12VDC neg. gnd. 12-1354 ..... 24.95



- Wide, Lighted Dial
- Smooth Rotary Tuning

Play Cassettes  
On Your  
8-Track

**3495**

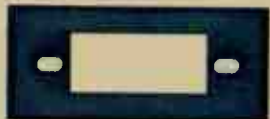
Works  
With Car or  
Home Players

Simply insert like an 8-track tape to adapt your 8-track player for stereo cassettes. Features locking fast-forward and pushbutton eject. 1<sup>3</sup>/<sub>4</sub> x 4<sup>3</sup>/<sub>4</sub> x 9<sup>7</sup>/<sub>8</sub>". 12-1875 ..... 34.95

In-Dash Installation Kit

NEW FOR 84

**995**



Fits 15 Different GM Models

Makes it easy to install autostand in 1982-83 A, F, J and S-body vehicles. Mounting panel, 8 plastic brackets, complete instructions. 12-1359 ..... 9.95

Compact FM Signal Booster

**1995**

Ideal for  
Weak-Signal  
Areas



Brings more stations in clearly on your FM radio. 6 dB boost. Simple plug-in installation. Dual-polarity, 12VDC pos. or neg. gnd. 1 x 3 x 2<sup>3</sup>/<sub>8</sub>". 12-1873 ..... 19.95

NOTE: Boosters rated at total watts rms output, both channels. For 12VDC negative ground only. All include underdash mounting hardware. CAUTION: Do not use 12-1868, 12-1865, 12-1862 or 12-1860 with "common ground" (3-wire) speaker hookups.

# WIDE SELECTION OF AUTOSOUND ACCESSORIES

## Improve Your Radio Reception With a New Antenna

## AM/FM Power Antenna Retracts Under Fender



**A** Ford Antenna. For 1967-'81 models with four-screw mounting 31" stainless steel whip, 72" cable 12-1305 8.99

**B** Universal "8 Ball". For top cowl or fender. Three sections extend 21 1/4" to 55" Adjusts up to 35° 12-1306 5.39

**C** Stainless Steel Spring. Swivel ball mount for top cowl, fender. Three-section stainless steel whip. 25 3/8" to 55" Adjusts 90° 48" cable 12-1307 7.99

**D** Heavy-Duty for RV/Van/Pickup. For fender, roof, side panel. Three-section stainless steel whip 25" to 60" Chromed swivel base. 84" cable 12-1319 14.49

**E** Universal Pillar Mount. 3-section whip. 19 1/2" to 51" Cable 61" Mounting hole spacing 2 1/2" to 18" Fits most Japanese cars except Honda 12-1320 6.99

**F** Replacement Whip. Fits over "stub" of broken antenna 31" stainless steel. Ideal for FM stereo reception 12-1316 4.99

**G** One-Piece Mini. For cars with narrow fenders. Requires 1 3/8" mounting hole 31" stainless steel whip 54" lead-in. Ideal for FM stereo 12-1322 6.99

**H** Antenna. 31" stainless steel for top cowl or fender mounting. Perfect for FM stereo 48" cable 12-1329 8.99



- Prevents Vandalism
- Requires Only 1 1/4" Depth in Fender

Just switch it on and the stainless steel mast extends over 39" in 3.5 seconds. Semi-automatic. Manual switch included. Fits most cars, trucks. With cable, power lead 12VDC neg. gnd. 12-1323 32.95

## Extension Cables, Connector



**J** 12-Ft. In-line Extension. Motorola-type plug on one end, jack on the other. Built-in capacitor 12-1311 3.99

**K** 24" In-line Extension. Male connector at one end, female at other 12-1312 1.49

**L** Universal 3-Way Connector. Two Motorola-type jacks to one plug. Couples two antennas to one radio or one antenna to two radios 12-1313 1.99

**M** 24" Male/Male Extension Cable. 12-1314 1.49

## Truck/Car Gutter Antenna

Mounts on Rain Gutter Securely With Wing Screw

Ideal for truckers, company-car drivers and others who need an AM/FM antenna that can be installed and removed easily. Three-section whip extends to 29 1/2". Includes 78" cable with plug. 12-1324 6.99



## Automotive Connectors for Dependable Hookups



**N** 4-Conductor Quick-Disconnect Cable. Ideal for connecting trailer lights and accessories. 12" loop of wire. Color coded 270-027 1.99

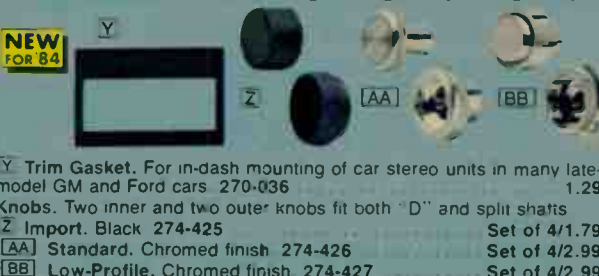
**Q** 4-Ft. Polarized, Fused DC Power Cable. For auto-sound, CB scanners 270-025 1.99

**P** Quick-Disconnect Plugs. Heavy-duty polarized contacts. 12" loop of wire with one male, one female connector 270-026 99c

**Q** 5-Pin Speaker/Power Plugs. Fits Realistic® and many other brands 274-1210 Pkg. of 2/79c

**R** 5-Pin In-line Socket With Leads. Mates with Fig. Q and many speaker harnesses. Was \$1.39 in 1983 Catalog 274-1215 1.19

## Trim Gasket and Knobs for Autosound



**Y** Trim Gasket. For in-dash mounting of car stereo units in many late-model GM and Ford cars 270-036 1.29

Knobs. Two inner and two outer knobs fit both "D" and split shafts

**Z** Import. Black 274-425 Set of 4/1.79

**AA** Standard. Chromed finish 274-426 Set of 4/2.99

**BB** Low-Profile. Chromed finish 274-427 Set of 4/2.99

## Cigarette Lighter Plugs, Cords and 12VDC Outlets



**S** 10-Ft. Extension Cord. For powering accessories. 8 amps 270-1536 4.99

**T** Lighter Plug. Connects accessories easily. Fits standard lighter socket. Handles up to 8 amps 274-331 1.09

**U** Heavy-Duty Fused Lighter Plug. Requires 3AG fuse. Solder type 274-335 1.79

**V** Lighter Plug With Cord. Rated 8 amps. With 8-ft cord 270-021 2.19

**W** Accessory Outlet. For 12VDC equipment. Mounts in or under dash 270-1539 4.89

**X** 2-Outlet Y-Adapter. Power two 12VDC accessories from lighter 8A 270-1535 4.99

## Plug-In Automotive Lamps



**CC** Magnet Utility Light. Strong magnet attaches light to hood, trunk or auto body. Ideal for emergency repairs. Plugs into cigarette lighter. 12-ft retractable cord. 12VDC 61-2502 3.99

**DD** Flexible Map Light. Plugs into lighter. Compact—stores in glove box. Has flexible 5"-long neck, on/off switch 12VDC 61-2501 3.99

# AUTO ACCESSORIES TO ADAPT, ANALYZE & ORGANIZE

## Universal DC Auto Adapter

With Six Adaptaplugs™

**NEW FOR '84**

**995**



- Reduces 12 Volts to 3/4.5/6/7.5/9 Volts
- Reversible Output Polarity • LED "On" Indicator

Power your battery-operated radio, tape player or personal portable through your vehicle's lighter socket. Fits almost all equipment with a DC input jack and up to 300 mA current requirement. Protective circuit shuts down unit in case of overload. Fused. 6-foot cord. 12VDC neg. ground only. 270-1560 ..... 9.95

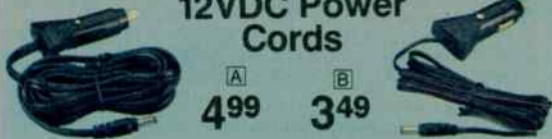
## High Power 6-9-12 Volt Adapter

**1295**



For larger portable stereos, small TVs, VCRs (delivers 6V at up to 1/2 amp, 9V at up to 900 mA and 12V at up to 3 amps). Four-plug adapter fits most equipment requiring a coaxial power plug. Reversible polarity. Fused. LED "on" indicator. 270-1562 ..... 12.95

## 12VDC Power Cords



**A** 499      **B** 349

**A** Heavy-Duty. Ideal for TV and VCR use. Polarity tip positive, sleeve negative. Replaceable fuse. U.L. listed. 270-1534 ..... 4.99

**B** Standard Power Cord. For walkie-talkies, tape players, etc. Replaceable fuse. 270-1533 ..... 3.49

## SPST Auto Panel Switches



**H**      **J**      **K**      **L**

**H** Dual Switch Panel. Two switches rated 10A at 12VDC. Includes two 12V long-life lamps. Complete with mounting hardware. 275-707 ..... 4.99

**J** Lighted Rocker Switch Panel. Rated 20A at 12VDC. Long-life lamp. Quick-disconnect terminals. Mounting hardware. 275-704 ..... 3.99

**K** Switch With Pilot Light. Single 5-amp switch with 12VDC lamp assembly and red lens. Mounting hardware. 275-703 ..... 2.99

**L** Double Under-Dash Type. Two separate toggle switches for auto circuits. Rated 5 amps at 12VDC. With hardware. 275-702 ..... 2.79

## Voltage Inverter



**2795**

For Cars, Trucks and Imports

Use 12VDC equipment in vehicles with 12VDC pos. gnd. or 6VDC neg. gnd. electrical systems. For Ham equipment, radios, CBs, tape players. Up to 3A. Fused. 22-129 ..... 27.95

## Car Stereo Cable Sets



**C**

**D**

**E**

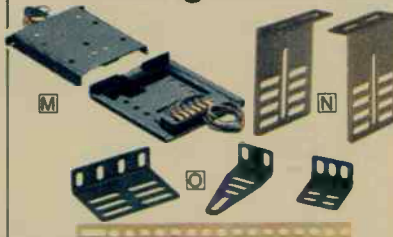
Low As **189**

**C** Cable Assembly. Five-pin plug, with power leads, four 18-ft. color-coded speaker leads. Fused. 270-014 ..... 4.99

**D** Universal. Fits 4 or 5-pin sockets. Fused. 270-017 ..... 1.99

**E** Standard. Five-pin fused plug. 270-041 ..... 1.89

## Mounting Brackets



**M**

**N**

**M** Underdash Mount. Two-piece slide-on/off mount with electrical connectors, color-coded leads. 18-gauge steel. 270-016 ..... 8.95

**N** Universal L-Brackets. Fit most vehicles and equipment. Hardware included. 270-022 ..... Pair/2.49

**O** Universal Brackets. Three different sets with back support/ground strap plus hardware. Black. 270-023 ..... Set. 2.99

## Auto Headlight Alert

**595**

Reminds You To Turn Off Lights



Beeps for ten seconds when you leave your headlights on. LED flashes until lights are turned off. Self-tapping screws and double-sided tape included. Installs easily in most cars with accessible fuse block. 270-110 ..... 5.95

## Auto Electrical System Analyzer

**595**



Check Your Battery And Charging System From Inside Your Car

Spot problems before you get stranded! LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12VDC neg. gnd. 22-1635 ..... 5.95

## Noise Suppressors & Filters



**F**

**G**

**F** Resistive Filter. Cuts spark plug noise. Installs in distributor. 270-012 ..... 99¢

**G** Capacitive Filter. Install inline. Especially useful against stubborn noise problems caused by ignition systems, fan motors and DC generators. Rated 0.5µF, 40 amps, 60WVDC. 272-1085 ..... 4.29



**P**

**Q**

**P** Deluxe Filters. Two L-C sections cut ignition/alternator noise in CB and Ham radios or stereos. Also use with boosters, equalizers.

10-Amp. 270-051 ..... 17.95

5-Amp. 270-050 ..... 11.95

**Q** Noise Eliminator Kits. Each includes filter choke, capacitor and instructions.

Heavy-Duty. 270-030 ..... 4.39

Standard. 270-020 ..... 3.29

# FOUR REALISTIC® WAYS TO EXPAND AUDIO SYSTEMS

## Stereo Mike/Tape/Phono Mixer

ONE OF OVER 350 NEW LOW PRICES

**69<sup>95</sup>**

Was \$79.95 in 1983 Catalog

Headphone Monitoring of Turntable and Tape Inputs



A neat way to add some life to your next party! Mix or "segue" two turntables, a tape deck and stereo mike just like professional DJs. Five Glide-Path® controls and dual VU meters give you precise level settings. Magnetic and ceramic phono inputs, "Cue" function for monitoring, tape in and out, 1/4" stereo headphone cue/monitor jack, 1/4" mike jacks, battery-test button. Response: 20-20,000 Hz. Output level: 0.7 volt. 2<sup>3</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>2</sub> x 7<sup>1</sup>/<sub>2</sub>". Requires four "AA" batteries or AC adapter. 32-1100 69.95 AC Adapter. U.L. listed. 273-1454 . . . . . 5.95

## Studio-Quality Stereo Mixing Console

**119<sup>95</sup>**

- Lighted Meters
- Three Mike "Pan" Pots
- Seven Glide-Path Faders
- Built-in Cue/Monitoring System



Use this professional audio console to tape from multiple sources, control audio at live performances, or blend turntables, tape decks, mikes for DJ programs. Handles three mikes, two magnetic or ceramic turntables and two tape decks. Three "pan" pots adjust each mike's apparent position in the stereo image. Cross fader, master fader, separate jacks for tape recording and main output, 1/4" headphone jack with adjustable cue/monitor level, two "cue" pushbuttons, mono/stereo switch. Response: 10-30,000 Hz. 2<sup>3</sup>/<sub>4</sub> x 10<sup>3</sup>/<sub>4</sub> x 8<sup>1</sup>/<sub>2</sub>". U.L. listed AC operation. 32-1200 . . . . . 119.95

## Low-Cost Stereo Microphone/Line Mixer

**24<sup>95</sup>**

Mixes Up to Four Mikes and Line Inputs Simultaneously



Ideal for adding extra inputs to a tape recorder or PA system. Four Glide-Path controls, stereo/mono switch, LED battery-test indicator, mike level output. 2<sup>3</sup>/<sub>4</sub> x 8<sup>3</sup>/<sub>4</sub> x 5". Requires 9V battery. 32-1105 . . . . . 24.95

## Amazing Electronic Reverb Unit

**39<sup>95</sup>**

Adjustable Delay (5-95ms), Depth, Mike Level & Repeat Glide-Path Controls

Add echo and reverb to "live" vocals, recordings, or musical instruments. Works with tape decks, PA or guitar amps. Jacks for line in/out and 1/4" mike in/out. 2<sup>1</sup>/<sub>2</sub> x 6<sup>5</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>4</sub>". Requires six "AA" batteries or AC adapter. 32-1110 . . . . . 39.95 AC Adapter. U.L. listed. 273-1455 . . . . . 6.95



## FM Wireless Microphones for Lectures, Stage and Public Speaking

Miniature Tie-Clip Mike

**19<sup>95</sup>**

- Transmits to Any Standard FM Radio
- Tunable 88-108 MHz

High-quality mike transmits up to 250 feet outdoors. Has built-in tie clip for added convenience. 1<sup>3</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>8</sub>". FCC Type Accepted. Includes tuning tool, battery and instructions. 33-1076 . . . . . 19.95

Two-Piece Wireless FM Microphone System

**69<sup>95</sup>**

- 49 MHz With Crystal Control
- Matching Receiver Connects To PA Amplifier, Recorder, Or Hi-Fi System
- Up to 100-Foot Range

Ideal for lecturers, teachers, and public speakers! Compact transmitter with sensitive electret tie-clip mike is no larger than a pack of cigarettes. Has volume control and on/off switch. Specially designed receiver features dual conversion and a ceramic filter to help prevent interference. Has LED "On Air" and power indicators. Adjustable controls for squelch and output level. Receiver: 2<sup>1</sup>/<sub>4</sub> x 6<sup>3</sup>/<sub>4</sub> x 5<sup>3</sup>/<sub>4</sub>". U.L. listed AC operation. Transmitter: 2<sup>3</sup>/<sub>8</sub> x 3<sup>3</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>8</sub>". Requires two "AA" batteries. 32-1220 . . . . . 69.95



# REALISTIC® PA AMPLIFIERS ARE SOUND INVESTMENTS



## Professional 80-Watt Sound Reinforcement Amp

**199<sup>95</sup>**

- Power Meter Monitors Output Level
- In/Out Jacks for Equalizer and Reverb
- Cue/Monitor Selector for Headphones
- Mix Bus Jack to Stack Extra Amps
- Spring-Loaded Speaker Terminals
- Convenient Cord Storage Posts

**1/4" Mike Jacks and XLR-Type  
Connectors for "Pro" Mikes**



**Realistic MPA-80.** The performance and portability you want in a PA amplifier! Plenty of power to fill large auditoriums—great for live bands. Four hi/lo impedance mike inputs, each with aux input and Glide-Path® level controls. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector makes cueing easy—listen through headphones to each individual input or overall mix. Master volume with memory ring, lighted power meter, LED clipping indicator. Overload protected. U.L. listed.

32-2026 ..... **199.95**

Frequency Response: 30-20,000 Hz. Power: 80 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, quick-connect terminals, two 1/2" jacks for 4 to 16-ohm speakers, 1/4" headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 4 3/8 x 14 1/2 x 10 1/2".

## Compact 35-Watt PA Amplifier Features Remote Priority Override



**99<sup>95</sup>**

- Perfect for Medium-Size Auditoriums, Churches, Paging and Background Music
- 70-Volt Output for Multi-Speaker Systems

**Realistic MPA-35.** Superb sound at low cost! Ideal for many PA applications. Three mixable Glide-Path controls for Mike-1, Mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Remote control terminals for Mike-1 override of other inputs during paging. Master volume control with memory ring, tone control, LED power-on indicator. Metal case. U.L. listed. 32-2027 ..... **99.95**

Frequency Response: 150-12,000 Hz. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16-ohm speakers, 70V line, two screw terminals for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: 4 1/2 x 10 1/2 x 7 1/2".

## 20-Watt PA Amplifier Operates From 120VAC or 12VDC for Mobile Use



**79<sup>95</sup>**

- Accepts Either Hi or Low-Z Mikes
- High-Level Phono/Aux Inputs

**Realistic MPA-20A.** Incredibly versatile—you can use it anywhere! Three mixing controls—two mikes and dual-function phono/aux. Master volume and tone controls, LED power indicator. Metal case. Includes mobile mounting bracket, 12VDC power cord with cigarette lighter plug. U.L. listed. 32-2020 ..... **79.95**

Frequency Response: 150-20,000 Hz. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16-ohm speakers and 70V line. Power Requirements: 120VAC, 60 Hz, 40W. 12VDC neg. gnd., 3.5A. Size: 4 1/2 x 10 1/2 x 7 1/2".



# INDOOR AND OUTDOOR PA SYSTEMS AT BIG SAVINGS

## "Singer's Choice"



**Save**  
**\$114<sup>35</sup>**

Reg. Separate  
Items 983.35

**869<sup>00</sup>**

Only \$50 Per Month  
On CitiLine Credit

- MPA-80 Professional PA Amplifier
- Four Cast-Base Microphone Stands
- Four Highball Dynamic Microphones
- Four PA-99 Portable Column Speakers

## 80-Watt, 2-Mike "Club System"



**Save**  
**\$62<sup>65</sup>**

Reg. Separate  
Items 591.65

**529<sup>00</sup>**

Only \$32 Per Month  
On CitiLine Credit

- MPA-80 Professional PA Amplifier
- Two Cast-Base Microphone Stands
- Two Highball Dynamic Microphones
- Two PA-99 Portable Column Speakers

## "Toastmaster's" Special



**Save**  
**\$48<sup>75</sup>**

Reg. Separate  
Items 427.75

**379<sup>00</sup>**

Only \$28 Per Month  
On CitiLine Credit

- MPA-80 Professional PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-88 Portable Column Speakers

## Performer's Portable System



**Save**  
**\$38<sup>75</sup>**

Reg. Separate  
Items 327.75

**289<sup>00</sup>**

Only \$27 Per Month  
On CitiLine Credit

- MPA-35A Compact PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-88 Portable Column Speakers

## Meeting Hall System



**Save**  
**\$36<sup>39</sup>**

Reg. Separate  
Items 305.39

**269<sup>00</sup>**

Only \$26  
Per Month  
On CitiLine  
Credit

- MPA-35A Amp • Two Floor Stands
- Six 10-Watt, 70-Volt Transformers
- Two Cardioid Microphones
- Six 8" Wall Baffle Speakers

## Office Paging System



**Save**  
**\$31<sup>47</sup>**

Reg. Separate  
Items 280.47

**249<sup>00</sup>**

Only \$26 Per Month  
On CitiLine Credit

- MPA-35A Amp • Desk Stand
- Six 10-Watt, 70-Volt Transformers
- Cardioid Mike • Six 8" Speakers
- Six Ceiling Speaker Grilles

## Sports Announcer System



**Save**  
**\$25<sup>70</sup>**

Reg. Separate  
Items 244.70

**219<sup>00</sup>**

- MPA-35A PA Amp
- Super Cardioid Microphone
- Four Powerhorn® 8" Speakers

## Low-Cost Paging



**Save**  
**\$18<sup>69</sup>**

Reg. Separate  
Items 165.69

**147<sup>00</sup>**

- MPA-20 PA Amplifier
- Cast-Base Desk Mike Stand
- Highball-2 Microphone
- Four 8" Wall Speakers

## "On-the-Go" PA



**Save**  
**\$16<sup>80</sup>**

Reg. Separate  
Items 135.80

**119<sup>00</sup>**

- MPA-20 PA Amplifier
- Highball-2 Microphone
- Two 5" Powerhorn Speakers

## Compact Portable System

**Save**  
**\$10<sup>90</sup>**

Reg. Separate  
Items 115.90

**105<sup>00</sup>**



- MPS-20 PA Speaker/Amp
- MC-1000 Dynamic Mike

Finance Purchases of \$225 or More With CitiLine Credit—Come in for Details

# KNOW WHAT'S AHEAD! MICRONTA® RADAR DETECTORS

## Compact, Versatile Dual-Conversion Superhet



179<sup>95</sup>

NEW  
FOR '84

- Illuminated Meter Shows Relative Strength of Radar
- Selectable Tone and/or Light Warning

Micronta Road Patrol® XK Dual-Conversion Superheterodyne. Packed with great features and performance! Picks up all types of radar, including pulse, moving and hand-held "gun" units. Dual-superhet circuit assures optimum selectivity and reduces "falsing". Warning tone with volume control—tone pulses faster as radar signal increases. Selectable hi/lo sensitivity permits easy adjustment to city or highway driving. Complete with all necessary mounting hardware. 1<sup>7</sup>/<sub>16</sub> x 5 x 4<sup>7</sup>/<sub>8</sub>". Convenient lighter plug power connection. 12VDC neg. gnd. 22-1607 . . . . . 179.95

Our 22-1607 and 22-1608 detectors feature versatile 3-way mounting on sun visor, dash or windshield!



## Price Breakthrough! Dual-Conversion Superhet

NEW  
FOR '84

159<sup>95</sup>

- Receives All Bands and Types Of X and K Radar Signals
- Selectable Tone and/or Light Warns of Speed Radar



Micronta Road Patrol XK Dual-Conversion Superhet. High sensitivity and selectivity at an incredible price! Warning tone pulses faster as radar strength increases. Selectable hi/lo sensitivity switch minimizes misleading reflections and other in-band signals. Sleek styling complements any car interior. With double-sided tape, hook-and-loop tape, mounting hardware. 1<sup>9</sup>/<sub>16</sub> x 5 x 5<sup>1</sup>/<sub>4</sub>". 12VDC neg. and pos. gnd. 22-1608 . . . 159.95

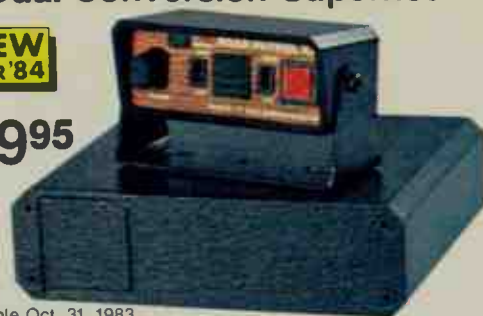
Two-Outlet Y-Adapter. Power your detector and another accessory from one lighter socket. 270-1535 . . . . . 4.99

Not offered where sale is prohibited by law. Use may be regulated by state or local law.

## Our Best! Ultra-Sensitive "Hidden" Dual-Conversion Superhet

NEW  
FOR '84

219<sup>95</sup>



Available Oct. 31, 1983

### Separate Detector and Control Units for Inconspicuous Mounting and Prevention of Theft

Micronta Road Patrol XK Dual-Conversion Superheterodyne. A high-tech breakthrough! Detects signals much farther than normal detectors—even around corners and over hills. Remote detector unit mounts under bumper or behind grill. Compact control unit mounts nearly anywhere inside auto. Adjustable volume warning tone and light, hi/lo sensitivity switch. Control unit, 1<sup>5</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>2</sub>". Remote detector unit, 1<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>4</sub>". With all mtg. hardware, 10-foot control cable. 12VDC neg. gnd. 22-1609 . . . . . 219.95

## "Go-Anywhere" Budget Detector

79<sup>95</sup>



- Mounts Easily on Windshield or Dash
- Warning Flasher and Tone Pulse Faster as You Approach Radar

Micronta Road Patrol XK. Value-priced detector spots moving and stationary X and K band radar signals at extended range. LED power indicator. With mounting pedestal, self-sticking adhesive. 1<sup>3</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>8</sub> x 4<sup>5</sup>/<sub>8</sub>". 12VDC neg. gnd. 22-1605 . . . . . 79.95

## Complete "Road Emergency" CB 2-Way Radio System

99<sup>95</sup> Quick and Easy 3-Step Set-Up!

Channel 9 Priority Gets You in Touch in Just Seconds, Brings Help in Minutes!



Call for Help Without Leaving Your Car!

- ① Extend Telescoping Antenna and Place Magnetic Base on the Roof, Trunk or Hood of Your Car
- ② Plug 12VDC Power Adapter Into Cigarette Lighter Socket
- ③ Select Desired Channel and You're On the Air—Get Information on Road Conditions, Report Accidents Or Call for Emergency Assistance

Realistic TRC-411. Enjoy peace of mind wherever you travel! Compact and incredibly easy to use, yet features all 40 CB channels, full 4-watt power output and an emergency switch that takes you to Channel 9, the CB emergency frequency. Large, easy-to-read LED channel display, built-in mike and speaker, LED transmit and Channel 9 indicators. Local/distant receiving range control eliminates signal "chopping". Store the system in its vinyl travel case—fits in trunk or under the seat. With external antenna jack, 10-foot antenna cord. Only 3<sup>3</sup>/<sub>8</sub> x 12<sup>3</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>16</sub>". Ready to use in any vehicle with 12VDC neg. gnd. 21-1505 . . . . . 99.95

# YOU'RE NEVER "ALONE" WITH REALISTIC MOBILE CB

Budget Compact With High-End Features

High-Performance Compact With PA



Fits Under Most Dashes

**FCC NEWS FLASH!**  
CB License No Longer  
Required—No Minimum Age Limit

**6995**

5-LED  
Signal Strength/  
Power Meter

**Realistic TRC-410.** Big CB performance in an ultra-compact size! Large, easy-to-read LED channel indicator, LED signal strength/RF output power meter. Hysteresis squelch eliminates signal "chopping", and the automatic noise limiter reduces unwanted signal interference. Two ceramic filters give you superior selectivity. With lock-plug mike, mounting hardware. **21-1504** ..... **69.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 60 dB at 10 kHz. Audio Output: 6 watts maximum. RF Output: 4 watts maximum. Size: 1 5/8 x 5 1/4 x 7 3/4"



**9995**

Big Signal  
Strength/RF  
Power Meter

**Realistic TRC-421A.** PLL circuitry assures precise frequency control and stability over all 40 channels. Big LED channel display for easy reading, day or night. Hysteresis squelch, switchable automatic noise limiter. Crystal and ceramic filters provide superior selectivity and reduce adjacent channel interference. External speaker jack for use as a mobile PA. With lock-plug mike, mounting hardware. **21-1502** ..... **99.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 80 dB at 10 kHz. Audio Output: 5.5 watts maximum. RF Output: 4 watts maximum. Size: 1 3/8 x 5 1/2 x 9 1/4"

## Channel 9 Priority and Tone Control



**13995**

- Instant Access to CB Emergency Channel 9
- RF Gain Control Prevents Signal Overload

**Realistic TRC-427.** Get help in minutes—perfect for long trips! Big LED channel display, LED modulation indicator, S/RF power meter, switchable automatic noise limiter, hysteresis squelch, LED indicator to warn of antenna mismatching or shorting. Add an external speaker for PA use—you can even monitor CB in PA mode. With lock-plug mike, mounting hardware. **21-1534** ..... **139.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 65 dB at 10 kHz. Audio Output: 5 watts maximum. RF Output: 4 watts maximum. Size: 2 1/16 x 6 5/16 x 8 7/16"

## Space-Saving One-Hander® CB



All Controls in Handset!

- Speaker/Mike • Transmit
- Rotary Channel Selector With LED Display
- Volume/On-Off • Squelch

U.S. Pat. No. 4,032,844

ONE OF OVER **350** NEW LOW PRICES

**13995**

Was \$149.95 in 1983 Catalog



**Realistic TRC-462.** More convenient to use because all the controls are in the palm of your hand! Mounts under dash, under seat, in glove compartment, or in trunk with optional cable. Switched ANL, ceramic filters. Includes mtg. hardware. **21-1536** ..... **139.95**

Extension Cable. 16 1/2 feet long for trunk mounting ..... **29.95**  
Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 60 dB at 10 kHz. RF Output: 4 watts maximum. Size: 1 5/8 x 5 1/4 x 7 1/2"

## Feature-Packed Base Station/Mobile CB With Extended Signal Reach

Priority Switch Takes You Instantly to Channel 9 or 19

**15995**

- Illuminated On-the-Air and Modulation Indicators
- Bright LED Channel Display • S/RF Power Meter

**Realistic Navaho® TRC-432.** Reliable, low-cost performance at home or on the road! Takes you to Emergency Channel 9 or Highway Information Channel 19—then returns to your previous channel, instantly. Listen through up-front speaker, headphone jack, or add an optional PA speaker. Hysteresis squelch eliminates signal fading and "chopping". Switchable noise blanker and automatic noise limiter reduce channel interference, and ceramic IF filters provide superior selectivity. Includes microphone, AC and DC power cord, mobile bracket. U.L. listed. **21-1546** ..... **159.95**



Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adjacent Channel Rejection: 70 dB at 10 kHz. Audio Output: 6 watts maximum. Public Address Audio Output: 7 watts maximum. RF Output: 4 watts maximum. Power Requirement: 120VAC or 12VDC pos. or neg. gnd. Size: 3 9/16 x 11 3/8 x 9 7/16"

Realistic Mobile CBs Operate on 12VDC, Positive or Negative Ground. No FCC License Required—No Age Limit!

# HIGH-PERFORMANCE AM/SSB MOBILE CB

SSB Has More Power for Greater Range on More Channels



**199<sup>95</sup>**

- Clarifier Control Brings In Clear SSB Signals
- Illuminated Signal/RF Meter • RF Gain Control

Realistic® TRC-451. SSB (single-sideband) gets your message through with greater reliability and clarity—you get the regular 40 AM channels plus 80 sideband channels. Dual IF stages and crystal/ceramic filters reject adjacent channel interference, and quartz PLL circuitry gives you frequency stability on all channels. Switchable noise blanker, too. LED dimmer controls. PA switch lets you monitor CB even while you're in PA mode. With mounting bracket and dynamic mike. 12VDC neg. gnd. 21-1565 .....

199.95  
Sensitivity for 10 dB S + N/N: SSB, 0.25 microvolt, AM, 0.5 microvolt. Adjacent Channel Rejection: 70 dB at 10 kHz. Image Rejection: 85 dB. RF Power Output: SSB, 12W P.E.P. max. AM, 4W max. Size: 2 1/4 x 7 1/4 x 9"

## Realistic High-Power CB Walkie-Talkies Keep You in Touch!

**NEW FOR '84**

**40 Channels  
5 Watts**

Ready to Use  
On All Channels!  
No Crystals to Buy!

**139<sup>95</sup>**



Push-to-Talk  
Mike Plugs  
Into TRC-212  
(optional)

U.S. Patent No  
4,291,412

Carry Case  
Included  
**650**  
Value

- LCD Channel Readout
- Range-Boost Antenna System
- Hi-Lo Power Battery-Saver Switch

**Realistic TRC-212.** Our best! Ideal for camping, fishing, construction sites—wherever reliable portable communication is needed. Unique Range-Boost antenna system extends signal reach on both transmit and receive. Ceramic filter provides increased selectivity. Adjustable squelch, automatic noise limiter, separate speaker and electret condenser mike. Jacks for earphone, hand mike, antenna, battery charger. 9 1/4 x 3 3/16 x 2 3/8". Requires eight "AA" batteries or ten rechargeable nickel-cadmium batteries or AC adapter. 21-1662 .....

139.95

72

**6 Channels  
5 Watts**

**NEW FOR '84**

**A 99<sup>95</sup>**



Push-to-Talk  
Mike Plugs  
Into TRC-211  
(optional)

Carry Case  
Included  
**650**  
Value

**A Realistic TRC-211.** Exclusive Range-Boost antenna system, battery/RF meter, squelch control, hi/lo power-saver switch, jacks for antenna, hand mike, battery charger. With Ch. 14 crystals—add optional extra crystals for up to five more. 9 1/4 x 3 3/16 x 2 3/8". Requires eight "AA" batteries or ten rechargeable batteries. 21-1652 .....

99.95

**3 Channels  
3 Watts**

**B 59<sup>95</sup>**



**B Realistic TRC-206.** Auto-modulation, Range-Boost and center-loaded antenna for extra "talk power". Squelch control, LED battery-test and modulation indicators, jacks for external antenna and charger. With Ch. 14 crystals—add optional extra for two more. 9 3/4 x 3 3/8 x 3". Requires eight "AA" or ten rechargeable batteries. 21-1635 .....

59.95

**3 Channels  
2 Watts**

**C 49<sup>95</sup>**



**C Realistic TRC-201.** Auto-modulation for maximum "talk power"; Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and condenser mike, battery-test LED. With Ch. 14 crystals—add optional extra crystals for two more. 10 1/4 x 3 1/8 x 2 1/2". Requires eight "AA" or ten rechargeable batteries. 21-1630 .....

49.95

An FCC CB License is No Longer Required—No Age Limit to Use!

# VOICE-OPERATED FM HEADSET WALKIE-TALKIES



Deluxe Double Superheterodyne  
Circuit Gives You Superb  
Performance at Work or Play!

**NEW**  
**FOR '84**

**89.95**  
Pair



- Hands-Free Communication Up to 1/2 Mile Outdoors, 1/4 Mile Indoors
- Special Voice-Activated Circuit With 3-Level Sensitivity Setting
- Lightweight, Adjustable Headphone Fits Over Only One Ear for Safety

Realistic TRC-500 2-Way FM Headset Walkie-Talkies. Now you can talk easily with a companion while jogging, biking or working in the field! Voice-activated circuit automatically engages the transmitter when you speak into the adjustable boom mike, then switches back to receive when you stop speaking. Set the sensitivity switch to "low" while jogging to prevent accidental transmission, or set it on "high" to pick up whispers while you fish. Push-to-talk button for manual operation, 3-level volume control. The 1/2 microvolt dual-conversion superhet receiver assures noise-free operation. Includes belt clip, antenna. Requires 9V battery for each headset. 49 MHz. 21-400 ..... Pair 89.95

## CB Walkie-Talkies With Channel 14 Crystals

3 Channels, 1 Watt    3 Channels, 300 mW    1 Channel, 100 mW



**39.95**

Extra Power  
And Features  
For the More  
Serious User

A



**29.95**

Perfect for  
Campers,  
Construction  
Workers or  
Just For Fun

B



**19.95**

Just Right  
For Scouts  
And Young  
Outdoorsmen

C

**A** Realistic TRC-83. Adjustable squelch control lets you hear only the messages, not the noise. Volume control, battery-test button with LED indicator, separate speaker and mike, battery-charger jack. Add optional crystals for two more channels. Includes telescopic antenna, durable case, wrist strap. 9 3/4 x 3 3/8 x 2 3/4". Requires eight "AA" or ten rechargeable batteries. 21-1605 ..... 39.95

**B** Realistic TRC-85. Keep in touch with home base! Loaded with convenient features—battery-test button with LED indicator, side-mounted volume/on-off controls for easy one-hand operation. Add optional crystals to receive two extra channels. Includes built-in telescopic antenna, high-impact case, wrist strap. 8 3/4 x 3 x 1 7/8". Requires six "AA" batteries. 21-1607 ..... 29.95

**C** Realistic TRC-84. Compact and lightweight, but with surprising features and quality for the money. Sensitive superhet receiver, up-front combination speaker/mike. Side-mounted volume/on-off control and push-to-talk button for one-hand operation. Includes built-in telescopic antenna, high-impact case, wrist strap. 6 3/8 x 3 x 1 3/4". Requires 9V battery. 21-1606 ..... 19.95

## Walkie-Talkie Accessories



### **D** Flexible Antenna

For loaded and standard antennas. Clamps with one screw. 21-980 ... 7.95

### **E** Battery Charger

For 12-15V nickel-cadmium batteries. Use with 21-1605, 1630, 1635, 1652 and 1662. 120VAC. U.L. listed. 21-516 ..... 6.95

### **F** 12VDC Car Power Cord

Power walkie-talkie from lighter socket. Neg. gnd. only. 8-ft. cord. 270-1533 ..... 3.49

## Transmit/Receive CB Crystals

Two-Pack includes one receive and one transmit. Channels not listed may be special-ordered (except synthesizer crystals).

Channel	Cat. No.	Pair
5	21-1205	4.98
9	21-1202	4.98
11	21-1207	4.98
19	21-1219	4.98
30	21-1230	4.98
35	21-1235	4.98

Radio Shack Has Been the Leader in CB Radio Since 1959

World Radio History

# ARCHER® MOBILE ANTENNAS FOR MORE CB MILEAGE



**A Deluxe Magnet-Mount.** Mounts on any flat magnet-holding surface—no holes to drill. Low-loss coil form, heavy-gauge copper wire coil and 60" whip provide improved performance and greater range. Heavy magnet holds securely at highway speeds. 16-foot cable, connector. 21-960 ..... 37.95

**B Base-Load Magnet-Mount.** Mounts on any flat magnet-holding surface. Hardened stainless steel whip and heavy-duty shock spring for stability at highway speeds. Coil is sealed for long life. 16-foot cable, connector. 21-940 ..... 26.95

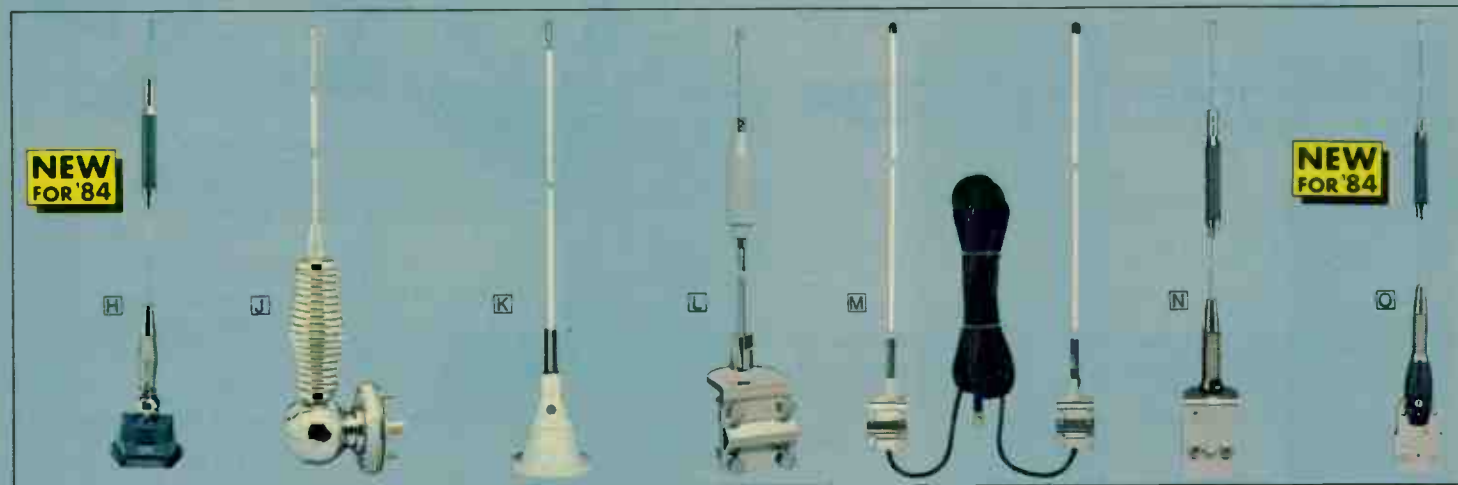
**C CB/AM/FM "Disguise" Antenna.** Combined AM/FM auto radio and CB antenna will mount in a standard antenna hole, or wherever you choose. Tapered stainless steel whip. With 8½-foot cable, 3-way splitter, connectors for CB and car radio, mounting hardware. 21-990 ..... 29.95

**D No-Hole Trunk Mount.** Mounts on center or either side of trunk lid and secures with just two set screws. Easy cable entry. Has base loading coil, stainless steel shock spring and whip. Excellent performance. 16-foot cable and connector. 21-908 ..... 26.95

**E Fiberglass No-Hole Trunk Mount.** Rust proof—ideal for coastal areas and corrosive environments. Triple chrome-plated brass fittings on coil housing. 16-foot cable, connector. 21-926 ..... 28.95

**F "Shorty" Roof Mount.** Easy snap-in mounting. Center-loading coil, stainless steel whip and shock spring, chrome-plated support tube. 16-foot cable, connector. 21-906 ..... 23.95

**G Stainless Steel Roof-Mount.** Easy snap-in installation. Whip adjusts for lowest SWR. 16-foot cable, connector 21-904 ..... 26.95



**H Stainless Steel Hatchback Mount.** Universal swivel ball allows mounting in almost any position—with whip remaining vertical. No holes to drill. Center loaded with adjustable whip and shock spring. 16-foot cable. 21-948 ..... 25.95

**I 102" Stainless Steel Whip Body Mount.** Full quarter-wave length for maximum range. Mounts on any flat surface with universal swivel ball mount, insulator and heavy back-up plate. Hardened whip for long-lasting efficiency. Triple chrome-plated heavy-gauge steel shock spring. Cable extra. 21-1094 ..... 23.95

**J 102" Fiberglass Marine Whip.** "Lay down" feature for horizontal or vertical mounting on metallic or non-metallic surfaces. Ideal for fiberglass and wooden boats—no ground plane needed. 16-foot cable with connector. 21-912 ..... 37.95

**K Single Truckers II Antenna.** Delivers the high performance and reliable communications you want on the road. Heavy-duty mirror mount adjusts for vertical or horizontal brackets. Over-size resonator and adjustable tip rod for precise tuning. With 10-foot cable, connector. 21-941 ..... 25.95

**L Fiberglass Twin Truckers.** Four-foot whips resist corrosion and provide improved front/rear performance. Mirror mounts. With 18-foot dual-phasing coax harness 21-945 ..... 44.95

**M Gutter Clamp Antenna.** Center loaded. Stainless steel spring and adjustable whip, chrome-plated support tube. 10-foot cable. 21-909 ..... 19.95

**N Fold-Down Gutter-Mount Antenna.** Folds down for extra convenience. Center-loaded stainless steel adjustable whip and shock spring. Excellent performance when mounted in front or rear. 10-foot cable. 21-947 ..... 26.95

# CB EXTRAS, ANTENNAS, AND REPLACEMENT PARTS



**A** Mike Clip. Mount with screws or insta-mount adhesive. 21-923 ..... 1.29

**B** CB Underdash Mount. CB slides on or off bracket under dash. With electrical connections 21-566 ..... 11.95

**C** Extra Mount for above. Use same CB in two vehicles. 21-567 ..... 5.49

**D** CB Floor Mount. Same features as underdash mount, but fits transmission hump. 21-568 ..... 12.95

**E** CB Portable Hump Mount. Fits carpeted transmission hump with hook-and-loop fasteners. 21-540 ..... 16.95

**F** Snap-in Roof Mount. Replaces base-loaded antennas. Requires 3/8" hole. 21-914 ..... 6.95

**G** Mirror/Luggage Rack Mounting Bracket. For 3/8"-24 threaded whip antennas 21-937 ..... 7.95

**H** Magnetic Mike Holder. 21-1130 ..... 1.59

**J** Dynamic Mike. Shielded coiled cord. DIN-type plug. 21-1172 ..... 14.95

**K** Noise-Cancelling Mike With Preamp. Assures 100% modulation. Usable as dynamic mike without battery. Requires 7V battery. 21-1175 ..... 26.95  
7V Battery. 23-601 ..... 4.59

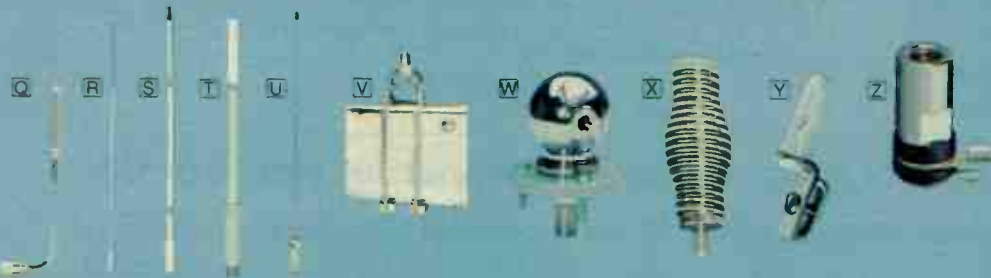
**L** Extension Speaker. 360° swivel base. 5 watts 10-ft. cable. miniplug. 8 ohms 21-549 ..... 12.95

**M** 12VDC Replacement Power Cord. 48" long with 3-pin plug, inline fuse holder. Requires 2-amp fuse 21-550 ..... 3.29

**N** Heavy-Duty Noise Filter. Two separate L-C filter sections cut alternator whine and ignition noise. Rated 5 amps. 270-050 ..... 11.95

**O** Gutter Clamp. For most antennas requiring 3/8" diameter hole. 21-911 ..... 4.89

**P** Hole Plugs. Covers 3/8" antenna holes. May be inserted from outside car. 21-920 ..... Pkg of 2/59c



**Q** Back-of-Set Antenna. Right angle design, plugs directly into antenna socket. Center-loaded. PL-259 connector. 21-921 ..... 7.95

**R** 102" Stainless Steel Whip. Standard 3/8"-24 stud. 21-903 ..... 11.95

**S** 102" Fiberglass whip. Similar to above. 21-905 ..... 12.95

**T** 48" Fiberglass Whip. Top-loaded. 3/8"-24 thread 21-934 ..... 10.95

**U** Stainless Steel Whip. With adapter. Replaces 21-904, 908, 940. 21-952 ..... 5.95

**V** Dual-Chain Mount. Fits most bumpers. Protective vinyl chain cover 21-910 ..... 12.95

**W** Ball Mount. For vertical or horizontal mtg. Chromed ball, lug terminals 21-1115 ..... 8.95

**X** Steel Spring. Chrome-plated. Removable 3/8" threaded stud. 21-1118 ..... 8.95

**Y** Antenna Hold-Down Clip. Clips to gutter. 21-917 ..... 1.99

**Z** Mounting Hardware. Standard 3/8"-24 female thread. Fits mounting plates up to 1/8" thick. Nickel-plated. 21-950 ..... 4.29

## Coax Cable Assemblies For Base and Mobile

Low As

**429**



All cable is 52-ohm. Each assembly includes PL-259 connector on each end (except 278-966)

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
20	RG58/U	278-966	6.39
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95

\* PL-259 connector to spade lugs

## Crossbow® 1/4-Wave Antenna

NEW FOR 84

**59<sup>95</sup>**

### Omnidirectional

Rugged Fiberglass construction with insulating connector for insulation protection and simple assembly. 104" vertical radiator and three 48" loaded radials. For masts up to 1 5/8" dia. Accepts PL-259 connector. No adjustment or tuning required. Meets CPSC requirements.

21-968 ..... 59.95

## Crossbow 1/2-Wave Antenna

NEW FOR 84

**79<sup>95</sup>**

- Omnidirectional
- Low Radiation Angle
- Fiberglass Construction Provides Insulation And Fights Corrosion

Half-wave, end-fed design—mounts easily in tight spots. 16-foot radiator. Insulating connector and integral mount bracket for easy assembly. For masts up to 1 5/8" dia. Accepts PL-259 connector. No adjustment or tuning. Meets CPSC requirements.

21-967 ..... 79.95

## Field-Strength/SWR Meter

NEW LOW PRICE

**1895**

Was 21.95 in 1983 Catalog

For 2-30 MHz

Reads SWR (forward/reflected) to 1 kW. Portable field-strength meter. 1 7/8 x 6 3/16 x 2 1/2". 21-525 ..... 18.95

## Regulated Power Supply

**34<sup>95</sup>**

13.8VDC at 2.5A continuous. U.L. listed. 2 1/2 x 4 7/8 x 6 3/4". 22-124 ..... 34.95



# 16-CHANNEL PORTABLE PROGRAMMABLE SCANNER

Direct-Access Keyboard Tuning of 23,684 Frequencies

**NEW  
FOR '84**



U.S. Pat.  
No. 3,794,925

**299<sup>95</sup>**

Only \$26 Per Month  
On CitiLine Credit

Available Sept. 30, 1983

Now You Can Listen to Police,  
Fire, Trains, Ambulance, Aircraft,  
Hams and More—Wherever You Go

**No Crystals To Buy!**

Covers 30-50 MHz VHF-Lo, 50-54 and 144-148 MHz Ham, 108-136 MHz AM Aircraft, 138-144 MHz Govt., 148-174 MHz VHF-Hi, 380-450 MHz Govt. and Ham, 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi

**Realistic PRO-30.** A full-feature, microprocessor-controlled scanner with extended frequency coverage—in a compact size you can carry wherever you go! Scan up to 16 of your favorite channels continuously, or search a selected frequency range for new or unpublicized channels. Scan and Search in two speeds. Two-second Scan Delay, selectable for each channel, prevents missed replies. Lockout feature temporarily bypasses unwanted channels. Big LCD display shows channels and frequencies being scanned, monitored or programmed as well as the status of the channels. Priority function monitors your favorite frequency while you listen to others. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between messages. Has jacks for external antenna and earphones. With flexible antenna. 7 1/2 x 2 15/16 x 1 13/16". Requires six "AA" batteries or AC or DC adapter. Memory backup requires four silver-oxide batteries. 20-131 ..... **299.95**  
AC Adapter. U.L. listed. 273-1455 ..... **6.95**  
DC Adapter. 14-844 ..... **6.95**

## Our Best Ever! 60-Channel Programmable Scanner for Home or Car\*

50 Public Service and Aircraft Channels Plus 10 FM Broadcast Channels

**NEW  
FOR '84**



U.S. Pat. No. 3,794 925

**349<sup>95</sup>**

Only \$28 Per Month  
On CitiLine Credit

Listen to Police, Fire, Ambulance,  
Aircraft, Hams, Trains, Weather,  
VHF Marine and More—Even Your  
Favorite Standard FM Stations



**Realistic PRO-2003.** No crystals to buy—direct keyboard entry of 20,584 frequencies. Use the search circuit to find new channels. When you find one that sounds interesting, store it in memory. Zeromatic® circuit assures accurate signal tuning every time. Has 2-speed Scan and Search, Scan Delay, individual channel-lockout, priority function and variable squelch control. Large easy-to-read display shows channel no., frequency, function and mode. Bands: VHF-Lo 30-

50 MHz; FM 88-108 MHz; VHF-Air AM 108-136 MHz; Ham/Govt. 138-148 MHz; VHF-HI 148-174 MHz; 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, telescopic antenna, plus jacks for headphone and external speaker. 3 1/8 x 11 1/4 x 9". With operating manual. U.L. listed AC operation or 12VDC negative ground. Memory backup requires 9V battery. 20-117 ..... **349.95**



# HOME/CAR\* 20-CHANNEL PROGRAMMABLE SCANNER



Only \$26  
Per Month  
On CitiLine  
Credit

ONE OF OVER 350 NEW LOW PRICES

**279<sup>95</sup>**

Was \$299.95  
in 1983  
Catalog

**Realistic PRO-2020.** Features direct keyboard entry of Ham, police, fire railway, aircraft, weather channels and more. Has Search and Scan in two speeds, Scan Delay to avoid missing call-backs, and individual channel lock-outs. Zeromatic<sup>®</sup> circuitry for precise tuning. Big fluorescent readout, built-in speaker, plus jacks for headphones, external speaker, antenna and tape recorder. 2<sup>5</sup>/<sub>8</sub> x 7<sup>1</sup>/<sub>2</sub> x 9<sup>7</sup>/<sub>8</sub>" . With mobile mounting bracket. U.L. listed AC operation or 12VDC neg. gnd.  
20-112 ..... 279.95

No Crystals Needed • 20,480 Channels Available • Covers

30-50, 138-148 and 148-174 MHz VHF, Air 108-136 MHz AM, 410-470 and 470-512 MHz UHF

U.S. Pat. Nos. 3,794,925; 3,801,914 and 4,245,348

## Now Even More Affordable—8-Channel Programmable Scanner



ONE OF OVER 350 NEW LOW PRICES

**199<sup>95</sup>**

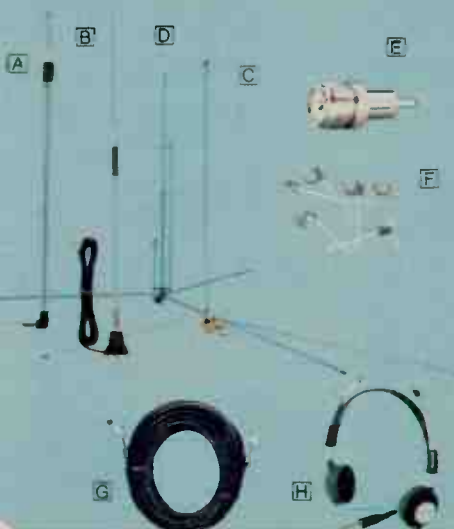
Was \$239.95 in  
1983 Catalog

No Crystals Needed • Tune in the Action on 18,160 Frequencies

U.S. Pat. No. 3,794,925; 3,801,914 and 4,245,348

**Realistic PRO-2009.** Stretch your listening horizons without stretching your budget. Hear police, fire, trains, Hams, weather and more. Features direct keyboard entry, with Auto-Scan and Search to find new channels. Two-second Scan Delay, channel lockout, monitoring of your favorite frequency, squelch control. Bands: VHF-Lo 30-50 MHz; Ham 144-148 MHz; VHF-Hi 148-174 MHz; Ham/Gov. 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, whip antenna, external antenna jack. 2<sup>3</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>2</sub> x 8". U.L. listed AC operation. Requires 9V battery for memory backup. 20-109 ..... 199.95

### Add Antennas and Accessories for Best Reception



- A** Indoor VHF/AIR/UHF Plug-In Antenna. Center-loaded. Extends 16" to 40". Motorola-type plug. 20-161 ..... 9.95
- B** VHF/UHF/Air Magnet Mount Mobile Antenna. 16-ft. cable. Motorola-type plug. 20-018 ..... 26.95
- C** VHF-HI/Air/UHF Base Antenna. Accepts PL-259 connector. U-clamp mount fits masts up to 1<sup>1</sup>/<sub>2</sub>" diameter. Less cable. 20-176 .. 14.95
- D** VHF/Air/UHF Base Antenna. Accepts PL-259 connector. Less cable. 20-014 ..... 29.95
- E** Coax Adapter. Adapts PL-259 connector to a Motorola-type plug. 278-208 ..... 1.79
- F** Coax Clips. For RG58/U. 20-192 ..... 10 for 79c
- G** Coax Cable Assemblies. 52-ohm cable. PL-259 connectors at both ends. 50-foot RG58/U. 278-971 ..... 11.95
- H** Monophonic Headset. Adjustable headband, padded earcushions, standard 1/4" plug. 20-210 ..... 9.95

### "Police Call" Frequency Directories

**6<sup>95</sup>** Each



Vol.	States Covered	Cat. No.
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041
2	Delaware, Maryland, New Jersey, Pennsylvania	62-1042
3	Michigan, Ohio	62-1043
4	Illinois, Indiana, Kentucky, Wisconsin	62-1044
5	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota	62-1045
6	Dist of Columbia, Florida, Georgia, North & South Carolina, Virginia, West Virginia	62-1046
7	Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas	62-1047
8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048
9	California, Oregon, Washington	62-1049

\*Mobile Use of Scanners May Be Unlawful or Require a Permit—Check With Local Authorities

# REALISTIC® SCANNERS FOR ALL THE LATEST ACTION

## 8-Channel Table Scanner for Exciting VHF/UHF Action-Band Listening at Home



ONE OF OVER **350** NEW LOW PRICES

**119<sup>95</sup>**

Was \$129.95 in 1983 Catalog

**5 Bands!**  
VHF-Hi/Lo  
VHF-Ham  
UHF-Hi/Lo

U.S. Pat. Nos.  
3,794,925  
and  
3,895,303

Hear Police, Fire, Railway, Mobile Telephones, Weather and More!

**Realistic PRO-54.** Hear all the exciting action as it happens! Automatically locks in on active channels, then resumes scan when conversation ends. Two-second Scan Delay prevents missing return calls. Individual channel-lockout switches temporarily bypass unwanted channels. Squelch control eliminates background noise between calls. Bands: VHF-Lo 30-50 MHz; VHF-Ham 144-148; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. LED channel indicators. Built-in speaker, telescoping antenna, jacks for headphones and external antenna. Requires one crystal for each channel (below). 2<sup>7</sup>/<sub>8</sub> x 9<sup>1</sup>/<sub>2</sub> x 7<sup>1</sup>/<sub>2</sub>". U.L. listed AC operation. 20-123 ..... **119.95**

## 6-Band, 10-Channel Scanner Lets You Listen In on All the Action From Your Home or Car\*



ONE OF OVER **350** NEW LOW PRICES

**159<sup>95</sup>**

Was \$169.95 in 1983 Catalog

- Automatic AM Switching For Aircraft
- ANL on AM
- Dual Conversion
- AFC on UHF

**Realistic PRO-48.** Scans up to ten crystal-controlled channels, including aircraft. Bands: VHF-Lo 30-50 MHz; Aircraft 118-136 MHz (AM); VHF-Ham 144-148 MHz; VHF-Hi 148-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Automatically locks on to any active channel. Two-second Scan Delay, individual channel lockout switches with LED indicators for active channels. Selectable manual channel selection. Crystal and ceramic filters help clean up signal interference for clearest reception. Squelch control eliminates noise between messages. Built-in speaker. Jacks for external speaker, headphones and external antenna. Requires one crystal for each channel (below). 2<sup>5</sup>/<sub>8</sub> x 7<sup>1</sup>/<sub>2</sub> x 9<sup>7</sup>/<sub>8</sub>". U.L. listed AC operation or 12VDC neg. gnd. 20-143 ..... **159.95**  
Crystals. Specify frequency ..... **Each 4.95**

## Hear the News Wherever You Go With a Portable\* Scanner

NEW FOR 84

**A** VHF-Hi/Lo UHF VHF Air (AM)

**149<sup>95</sup>**

**B** VHF-Hi VHF Air (AM)

NEW FOR 84 **99<sup>95</sup>**

C

VHF-Hi/Lo/UHF

NEW FOR 84 **99<sup>95</sup>**

Two Antennas Included

Use the Antenna that best suits your needs!

Telescoping for optimum range

Short flexible for close quarters



Above Scanners Covered by One or Both U.S. Pat. Nos. 3,794,925 and 3,895,303

**A** **Realistic PRO-25.** Automatically scans up to eight channels. Bands: VHF-Lo 30-50 MHz; VHF Aircraft 118-136 MHz; VHF-Hi 144-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Scan-Delay catches call responses. Features channel lockouts, squelch control, built-in speaker, earphone jack. Requires four "AA" batteries or AC or DC adapter (below). 7<sup>1</sup>/<sub>2</sub> x 3<sup>3</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>2</sub>". Includes earphone, belt clip. Requires one crystal for each channel (below). 20-106 ..... **149.95**

**B** **Realistic PRO-23.** As above, but four channels. Covers VHF-Hi 144-174 MHz and Air 118-136 MHz (AM). 20-104 ..... **99.95**

**C** **Realistic PRO-24.** As above, but four channels. Covers VHF-Lo 30-50 MHz; VHF-Hi 144-174 MHz UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. 20-105 ..... **99.95**

Crystals. Specify frequency ..... **Each 4.98**  
120VAC AC Adapter/Charger. U.L. listed. 20-189 ..... **4.95**

External Antenna Adapter. 20-020 ..... **2.49**  
12VDC Universal Adapter. Fits lighter socket. 270-1560 ..... **9.95**

# DIRECT-ENTRY PLL COMMUNICATIONS RECEIVER

**NEW FOR '84** **299<sup>95</sup>** Only \$27 Per Month On CitiLine Credit

Hear International News, Music, Ham And CB Operators on Shortwave, Marine SSB, Plus Longwave and Local/Distant Standard AM/FM Broadcast Stations

**Realistic DX-400.** Our finest portable receiver ever! Microprocessor-controlled plus phase-locked-loop, direct-entry pushbutton tuning. Use Auto-Scan to find new stations or manual tuning with 1-3 kHz stepping on AM/SSB/CW, 50 or 100 kHz on FM. Six AM and six FM memory presets, lighted LCD frequency display and signal strength meter. Wide/narrow selectivity plus fine-tuning for clearest reception. Antenna trimmer and 3-step RF gain control. Sleep switch provides auto-shutoff after 10-90 minutes. Telescopic antenna, loopstick for AM and built-in speaker. Jacks for external speaker, external antenna and headphones. U.L. listed. 20-207 ..... **299.95**

## Specifications

Sensitivity: AM (except broadcast and longwave), 1  $\mu$ V for 10 dB S/N ratio; SSB, 0.5  $\mu$ V for 10 dB S/N; Longwave; 5  $\mu$ V for 10 dB S/N; Broadcast, 300  $\mu$ V/m for 6 dB S/N; FM, 5  $\mu$ V for 30 dB quieting. Selectivity: Wide,  $\pm$ 3 kHz at 6 dB,  $\pm$  6 kHz at 50 dB; Narrow,  $\pm$ 2.5 kHz at 6 dB,  $\pm$  5 kHz at 50 dB. Bands: AM/SSB(USB and LSB)/CW, 150-29,999 kHz; FM 87.4-108 MHz. Power Requirement: 120 VAC, 12VDC neg. gnd. or six "C" batteries (not incl.). Requires two "AA" batteries for memory backup. Size: 6 x 12<sup>5</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>2</sub>"



# Exciting "Voice of the World" 9-Band Portable Communications Receiver

Available September 30, 1983

AM/FM, International Longwave Broadcast Bands, Six Shortwave Bands

**99<sup>95</sup>** **NEW FOR '84**

**Realistic DX-360.** Take it with you for great listening anywhere in the world! Hear exciting international news, views and entertainment on the BBC, Voice of America, Radio Japan and many others, plus standard AM and FM. International broadcast bands are highlighted on the tuning dial. Features Glide-Path<sup>®</sup> volume, tone and shortwave band selector controls. Telescopic antenna, built-in speaker and tuning/battery LED indicators. 1/8" earphone jack. Bands: AM/FM Broadcast, plus SW1 4.5-5.5 MHz, SW2 5.9-7.5 MHz, SW3 8.2 to 10 MHz, SW4 11.4-14 MHz, SW5 14.6-18.2 MHz, SW6 21-25 MHz, LW 150-260 kHz. 4<sup>1</sup>/<sub>2</sub> x 10<sup>1</sup>/<sub>4</sub> x 1<sup>3</sup>/<sub>4</sub>". Requires four "AA" batteries or DC adapter. 20-208 ..... **99.95**

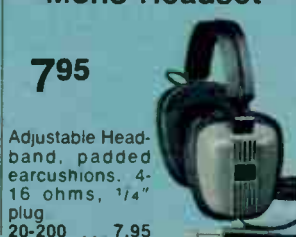


## Expand Your Communications System With These Shack<sup>®</sup> Accessories

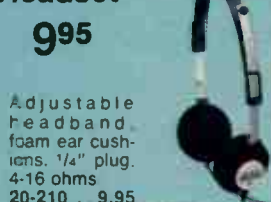
### SW Antenna Kit

 **849**  
75-foot copper wire, insulators, lead-in, standoffs, window feed-thru. 278-758 ..... **8.49**

### Mono Headset

 **795**  
Adjustable Headband, padded earcushions. 4-16 ohms, 1/4" plug 20-200 ..... **7.95**

### Lightweight Mono Headset

 **995**  
Adjustable headband, foam ear cushions. 1/4" plug. 4-16 ohms 20-210 ..... **9.95**

### Morse Code Key

 **595**  
Fully Adjustable  
Adjustable tension and contact spacing Ball bearing pivots. 20-1084 ..... **5.95**

### Practice Module

 **279**  
Learn Morse Code  
Prewired—just add code key, earphone or speaker 1 1/2-volt battery 20-1155 ..... **2.79**

# PORTAVISION® RADIOS FOR AM/FM & TV SOUND

PortaVision®  
TV Sound  
On-the-Go



A

Channels 2 to 83  
UHF/VHF-TV Sound

**79<sup>95</sup>**



B

VHF-TV Sound,  
Police, Aviation

**59<sup>95</sup>**



C

Channels 2-13  
VHF-TV Sound

**44<sup>95</sup>**

D

Pocket  
VHF-TV Sound

**29<sup>95</sup>**

**A** Realistic® PortaVision-55. Our best TV sound portable lets you take all your favorite shows and sports wherever you go! Features wide slide-rule dial for AM/FM, TV-1 (channels 2-6) and TV-2 (channels 7-13). UHF tuner has 70 "click-stop" positions and fine-tuning. Tone control, 3 1/2" speaker, fold-down handle. 7 1/4 x 11 1/2 x 3 1/2". With earphone. U.L. listed AC operation or six "C" batteries (not incl.). 12-778 ..... **79.95**

**B** Realistic PortaVision-5. Catch all the action—police, fire, weather, aircraft, VHF-TV and AM/FM. Features squelch control to cut noise, tone control, 3 1/2" speaker, 1/4" headphone jack, FM/VHF antenna jack. 9 x 11 x 3 1/4". U.L. listed AC operation or four "C" batteries (not incl.). 12-768 ..... **59.95**

**C** Realistic Personal PortaVision. Ceramic filter cuts interference, RF amplifier and telescoping antenna for best reception. With 3" speaker, earphone. Automatic AC-to-battery switching. 7 7/8 x 10 x 3 1/2". U.L. listed AC operation or four "C" batteries (not incl.). 12-660 ..... **44.95**

**D** Pocket PortaVision. Easy one-hand, slide-rule tuning lets you enjoy your favorite sports, soap operas, game shows, movies and more anywhere, anytime! Has a ceramic filter to cut signal interference on VHF-TV and FM. 2 1/4" speaker. AC adapter jack. With earphone and carry strap. 6 x 3 1/2 x 1 3/4". Requires 9V battery. 12-613 ..... **29.95**  
AC Adapter. U.L. listed. 273-1455 ..... **6.95**

## Feature-Packed Shortwave Portables Let You Listen to the World

Air, 3 Shortwave, AM/FM



AM, FM, 108-136 MHz VHF-Air,  
3-6.5 MHz, 6.5-13 MHz, 13-26 MHz

**69<sup>95</sup>**

**Realistic DX-66.** Six bands let you tune in AM, FM, VHF-Air and worldwide shortwave. All-band fine-tuning, AC-to-battery automatic switching if power fails, AFC for no-drift FM reception, telescoping FM/SW/VHF antenna, 4" speaker, 1/4" headphone jack, external FM/SW/VHF antenna jack. 10 1/4 x 12 x 4". U.L. listed AC operation or four "C" batteries (not incl.). 12-767 ..... **69.95**

3 Worldwide Bands, AM/FM



AM, FM, 3-6.5 MHz,  
6.5-13 MHz, 13-26 MHz

ONE  
OF  
OVER **350**  
NEW LOW PRICES

Was \$49.95 in  
1983 Catalog

**44<sup>95</sup>**

**Realistic DX-55.** Get the news from across the world, plus AM/FM with this five-band compact. AM/SW fine-tuning, 3 1/2" speaker, slide-action volume and tone, AC-to-battery automatic switching, AFC for no-drift FM, telescoping FM/SW antenna, jack for external FM/SW antenna. With earphone. 7 1/8 x 12 x 3 1/2". U.L. listed AC operation or four "C" batteries (not incl.). 12-777 ..... **44.95**

Police, Air, Weather, AM/FM



**NEW  
FOR '84**

**99<sup>95</sup>**

AM, FM, VHF Air-Hi,  
VHF-Lo, UHF, 6-18 MHz

**Patrolman® SW-60.** Six bands, and loaded with features! Hear local police, aircraft and weather on VHF Air-Hi, VHF-Lo, UHF and AM/FM. All-band fine-tuning, AC-to-battery automatic switching, squelch control, 4" speaker, jacks for 1/4" headphone and external FM/VHF antenna. 10 1/2 x 12 x 4". U.L. listed AC operation or four "C" batteries (not incl.). 12-779 ..... **99.95**

Prices Apply at Participating Radio Shack Stores and Dealers

# THE SHACK® HAS AM/FM PORTABLES READY TO GO

## AM/FM Portables Loaded With Features

Both With Full-Range 4" Speaker, Tone Control, Automatic Battery-to-AC Switching and FM-AFC



ONE OF OVER **350** NEW LOW PRICES

**39<sup>95</sup>**

Was \$44.95 in 1983 Catalog

ONE OF OVER **350** NEW LOW PRICES

Instant Weather  
**44<sup>95</sup>**

Was \$49.95 in 1983 Catalog

**A** "Go-anywhere" compact with big signal-pulling power! Ceramic filter provides extra selectivity for clearer reception in crowded signal areas. Slide-rule tuning, built-in AM and telescoping FM antennas. 8<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub> × 3". With earphone. U.L. listed AC operation or four "C" batteries (not incl.).

12-624 ..... **39.95**

**B** Enjoy news, music, plus instant updates from the National Weather Service. Slide-rule tuning dial, ceramic FM filter, built-in AM and telescoping FM/Weather antennas. With earphone. 8<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub> × 3". U.L. listed AC operation or four "C" batteries (not incl.). 12-623 ..... **44.95**

AC Adapter. U.L. listed. 273-1455 ..... **6.95**

## Our Finest High-Performance AM/FM Portable Radio



**69<sup>95</sup>**

- Tuned RF Amplifiers for Long-Range AM/FM Reception
- Separate Bass & Treble Controls

Advanced circuitry pulls in more stations, with better sound, than ever before! Full one-watt audio power output, large 5<sup>1</sup>/<sub>4</sub>" speaker, loudness button to enhance bass at low volume. Separate bass and treble controls tailor the music to your taste. AFC for no-drift FM. Built-in AM and telescoping/swivel FM antenna, plus terminals for external. FM antenna. With earphone, fold-down handle. 11<sup>5</sup>/<sub>8</sub> × 12<sup>1</sup>/<sub>4</sub> × 4". U.L. listed AC operation or six "D" batteries (not incl.). 12-650 ..... **69.95**

### Pocket AM, VHF-Air



**19<sup>95</sup>**

AM/VHF Aircraft

- Hear Planes and Towers Talk
- Ideal for Air Shows

**Jetstream®.** Two-band radio for 108-135 MHz aviation band and standard AM on-the-go! 2<sup>1</sup>/<sub>2</sub>" speaker. Built-in AM, telescoping VHF antennas. With earphone and carry strap. 4<sup>3</sup>/<sub>4</sub> × 2<sup>7</sup>/<sub>8</sub> × 1<sup>5</sup>/<sub>8</sub>". Requires 9V battery. 12-601 ..... **19.95**

### Ruggedly Styled AM/FM



**29<sup>95</sup>**

Large Slide-Rule Dial

Stylish compact is priced low, and set to go! Tone switch, FM-AFC, 3" speaker, built-in AM and telescoping FM antennas. 6<sup>7</sup>/<sub>8</sub> × 8<sup>7</sup>/<sub>8</sub> × 3". U.L. listed AC operation or six "AA" batteries (not incl.). 12-711 ... **29.95**

### Extra-Feature AM/FM



- Rotary Tone Control
  - AC-to-Battery Automatic Switching
- 34<sup>95</sup>**

Features AFC for no-drift FM enjoyment. 3" speaker, built-in AM and telescoping FM antennas. With earphone. 7<sup>1</sup>/<sub>4</sub> × 9<sup>1</sup>/<sub>4</sub> × 2<sup>5</sup>/<sub>8</sub>". U.L. listed AC operation or four "C" batteries (not incl.). 12-668 ..... **34.95**

# STEREO-MATE™ PERSONAL PORTABLE RECEIVERS

## Our Finest AM/FM STEREO-MATE

ONE OF OVER 350 NEW LOW PRICES!

**3995**  
Was \$49.95 in 1983 Catalog

- Fits Pocket or Wear on Belt
- Hi/Lo Tone Switch • FM Muting

Enjoy music or the game's play-by-play while jogging, working, relaxing. FM muting switch cuts tuning noise between stations. Dual 1/8" stereo headphone jacks for sharing the music, built-in AFC for no-drift FM. With carry case and wrist strap. 6 x 2 3/4 x 3/4". Requires three "AA" batteries and Micro Headphones. 12-113 ..... 39.95

## AM/FM Stereo With Built-In Belt Clip

NEW FOR 84

**2995**

- Shuts Off Automatically When Headphone is Unplugged

Great stereo sound to go! Slips in your pocket or clips to belt. Rotary tuning and volume controls, built-in FM-AFC, AM/FM/FM stereo switch, LED FM stereo indicator, 1/8" headphone jack. 4 7/8 x 2 7/8 x 7/8". With vinyl carry case and shoulder strap. Requires three "AA" batteries and Micro Headphones. 12-114 ..... 29.95



NEW FOR 84

A **2995**

NEW FOR 84

B **3995**

C **1995**

Available October 15, 1983

ONE OF OVER 350 NEW LOW PRICES!

Was \$21.95 in 1983 Catalog

## AM/FM Stereo Fits in Shirt Pocket

- Balance Control • Built-in FM-AFC

A Ultra-slim stereo lets you take great AM and FM with you anywhere! Rotary tuning and volume controls. 2 15/16 x 5 3/8 x 5/8". Requires two "AAA" batteries and Micro Headphones. 12-116 ..... 29.95

## Our Smallest AM/FM Stereo

- Separate Right and Left Channel Volume Controls

B Puts stereo sound in the palm of your hand! Built-in AFC, FM LED indicator, 1/8" headphone jack. With vinyl pouch. 2 3/4 x 4 3/8 x 1/2". Requires two "AA" batteries and Micro Headphones. 12-115 ..... 39.95

## Ultra-Compact, Lightweight FM Stereo

- Ceramic FM Filter • Only 3 7/8 x 2 3/8 x 1"

C Fits in shirt pocket or wear on belt. Built-in AFC, LED stereo indicator, stereo/mono switch, 1/8" headphone jack. With carry case. Requires one 9V battery and Micro Headphones. 12-109 ..... 19.95

NEW FOR 84

A **2995**

NEW FOR 84

B **3995**

C **1995**



## Deluxe AM/FM Stereo System for Home or Portable Use

ONE OF OVER 350 NEW LOW PRICES!

**5995**  
Was \$69.95 in 1983 Catalog

- Two Built-in 4" Wide-Range Stereo Speakers
- Removable AM/FM STEREO-MATE Pocket Receiver
- 60-Minute "Sleep" Switch With Auto-Shutoff

Enjoy your favorite stereo at home, or use the pocket receiver for great sound to-go. Separate bass/treble controls, aux jack to add a cassette deck. With carry case for pocket receiver. System: 5 3/8 x 12 7/8 x 2". Receiver: 4 7/8 x 2 3/4 x 1". Amplifier requires four "C" batteries, pocket receiver requires three "AAA" batteries. Pocket receiver requires Micro Headphones. 12-707 ..... 59.95

## Micro-Stereo Headphones

See our complete selection of lightweight stereo headphones, starting at \$9.95. See page 33 for details.



# THE SHACK® HAS A RADIO FOR EVERY OCCASION



## Deluxe Bike Radio With Horn

**19<sup>95</sup>**

3" Safety Reflector

Archer Road Patrol®. Mounts on almost any handlebar. AM radio removes easily, bracket stays on bike. Pushbutton horn, 2 1/2" speaker. 3 1/2 x 5 1/4 x 3 7/8". Requires three "C" batteries. 12-197 . . . . . 19.95

## Personal Radio and Headphones

**NEW FOR '84**

**11<sup>95</sup>**

- Hear Your Favorite AM Stations Or the Game's Play-by-Play
- One-Hand Rotary Volume Control

Complete listening system for go-anywhere music on a budget. Compact—fits in your purse or shirt pocket. Headphones let you listen to your favorite station in private. 1/8" headphone jack. 1 3/8 x 4 x 7/8". Requires 9V battery. 12-108 . . . 11.95



## Budget Bike Radio

**12<sup>95</sup>**



Archer Road Patrol . Low-priced AM radio for peddlin' fun! 2 1/4" speaker, earphone jack, weatherized case. 4 x 5 x 3 1/2". Requires 9V battery. 12-196 . . . . . 12.95

## Digital AM/FM Travel Clock Radio With Snooze

**ONE OF OVER 350 NEW LOW PRICES**

**39<sup>95</sup>**

Was \$49.95 in 1983 Catalog

- Compact—Packs Easily for Trips
- Backlight Display Pushbutton
- Quartz Accuracy



Chronomatic®-228. Wakes you up to "beep" alarm and radio. Easy-to-read 9/16" LCD, pushbutton time/alarm settings, ceramic filter, 24-hour alarm. 2 3/4 x 6 5/8 x 1 5/8". Requires four "AA" batteries. 12-1535 . . . . . 39.95

## "Private Listening" Headphone Radios Are Music to Your Ears

### AM

**ONE OF OVER 350 NEW LOW PRICES**

**14<sup>95</sup>**

Was \$17.95 in 1983 Catalog

Great for Walks, Jogging, or Working in The Yard



Tandy® AM Headset. Light and comfortable! Twin speakers, side-mounted rotary volume and tuning controls, built-in antenna. Adjustable headband. Requires 9V battery. 12-187 . . . . . 14.95

### AM/FM

**ONE OF OVER 350 NEW LOW PRICES**

**24<sup>95</sup>**

Was \$29.95 in 1983 Catalog



Tandy AM/FM Headset. Padded earcushions seal out noise, seal in music. Side-mounted rotary tuning. Antenna is hidden in adjustable headband. Requires 9V battery. 12-186 . . . . . 24.95

### AM/FM Stereo

**39<sup>95</sup>**



Tandy AM/FM STEREO-MATE® Headset. Rotary volume, balance and tuning controls. Adjustable headband, built-in antenna. Requires three "AAA" batteries. 12-188 . . . . . 39.95

# NOVELTY AM RADIOS IN UNIQUE SHAPES AND SIZES

## Columbia Space Shuttle Radio



Hidden Volume  
And Tuning Controls

**11<sup>95</sup>**

"Out of this world" AM listening. A detailed reproduction with cargo bay doors that open and landing gear that retracts. 10 1/2" long. Requires 9V battery. 12-956 ..... 11.95

## World Globe With Radio



**NEW  
FOR '84**

**12<sup>95</sup>**

Span the Globe  
While Listening  
To the Built-In  
AM Radio

A world of listening fun for kids' rooms or desktop. Easy-access volume and tuning controls. 8 1/2" high. Requires 9V battery. 12-952 ..... 12.95

## Heinz® Ketchup Bottle Radio



**NEW  
FOR '84**

**10<sup>95</sup>**

Pours Out  
A Variety of  
Entertainment

®Trademark H J Heinz Co

2" speaker, rotary tuning and volume. 8 5/8" high. Requires two "AA" batteries. 12-951 ..... 10.95

## Classic Rolls Royce Car Radio



**14<sup>95</sup>**

**ONE  
OF  
OVER  
NEW LOW PRICES**  
**350**  
Was \$19.95 in  
1983 Catalog

Terrific for  
Auto Buffs

A beautiful replica of the classic 1931 "Phantom II". The spare tires are actually the tuning and volume controls. 10" long. Requires 9V battery. 12-963 ..... 14.95

## Football Helmet Radio



**11<sup>95</sup>**

Looks Great  
On any  
Desktop or  
Bedside Table

Hear the big game on this rugged-looking AM radio. Side-mounted volume, tuning controls. 5 1/4" high. Requires 9V battery. 12-955 ..... 11.95

## Wilson® Football Radio

**NEW  
FOR '84**

**10<sup>95</sup>**

With  
Kicking Tee  
Stand

®Trademark Wilson  
Sporting Goods Co



Kick off the season with this 6 3/8"-long AM radio. Rotary volume and tuning knobs. 2 1/4" speaker. Requires two "AA" batteries. 12-953 ..... 10.95

## Cute 'n Cuddly Pettable Portable Radios

**NEW  
FOR '84**

Sad  
Puppy

Low As

**12<sup>95</sup>**

**NEW  
FOR '84**

Wise  
Owl

**NEW  
FOR '84**

Spaniel

Pekingese

Cuddly Cat



Furry little friends that kids love! Built-in AM radios with external controls. Require 9V battery.

Description	Cat. No.	Each	Description	Cat. No.	Each
Sad Puppy	12-988	14.95	Cuddly Cat	12-983	12.95
Mouse	12-975	14.95	Wise Owl	12-987	13.95
Spaniel	12-979	15.95	Pekingese	12-967	13.95

Country  
Mouse

## Make Friends With a Smurf™ Radio

**NEW  
FOR '84**

**8<sup>99</sup>**

TMTrademark  
Nasta Ind Inc



Kids Will Love to Carry Him Everywhere

"Smiley" Smurf brightens up everyone's AM listening! Rotary volume and tuning controls. 2 1/2" speaker, earphone jack. Wrist strap. 4 x 3 13/16 x 1 3/8". Requires 9V battery. 12-954 . . . 8.99



# BEST BUYS IN AM AND AM/FM POCKET PORTABLES

## Deluxe AM/FM Portable Radio

ONE OF OVER 350 NEW LOW PRICES

**1795**

Was \$19.95 in 1983 Catalog

- Excellent Sensitivity and Tonal Quality
- Side-Mounted Controls for Easy One-Hand Operation

Features two ceramic filters that cut signal interference on both AM and FM. 2 1/2" speaker, telescoping FM and built-in AM antennas. 4 3/4 x 2 7/8 x 1 5/8". With earphone, wrist strap. Requires 9V battery. 12-602 ..... 17.95



## Our Finest AM/FM Pocket Portable

**2195**

- High/Low Tone Switch
- Easy Slide-Rule Tuning
- AFC Prevents FM Drift

Smart looks and great sound in a radio that fits in a coat pocket or purse. Compact and rugged with stylish aluminum trim. 2 1/2" speaker, built-in AM and telescoping FM antennas. 5 1/4 x 3 x 1 1/2". With earphone, wrist strap. Requires 9V battery. 12-714 ..... 21.95



## Low-Cost Pocketable AM/FM Radio

ONE OF OVER 350 NEW LOW PRICES

**1595**

Was \$16.95 in 1983 Catalog

- Big Easy-Tune Slide-Rule Dial
- IC Design for Superior Sound

Handy little radio with slide-rule tuning, side-mounted controls, 2 1/4" speaker, built-in AM and telescoping FM antennas in a rugged case. 4 5/16 x 3 1/8 x 1 5/8". With earphone for private listening, wrist strap. Requires 9V battery. 12-634 ..... 15.95



## Slim-Line AM/FM With IC Design

**1795**

- One-Chip Integrated Circuit For Compactness and Reliability
- Rotary Tuning for One-Hand Operation

This ultra-thin radio is our most "pocketable" AM/FM of all, yet it delivers excellent reception and sound. 2 1/4" speaker, telescoping FM and built-in AM antennas. 3 x 5 9/16 x 1 1/8". With earphone and wrist strap. Requires 9V battery. 12-715 ..... 17.95



## Slim-Line AM Radio

**1095**

Integrated Circuit Cuts Size, Adds Reliability

One of our slimmest pocket radios, yet has great sound. Earphone jack, wrist strap. 5 5/16 x 2 3/4 x 1 1/5". Requires four "AA" batteries. 12-173 ..... 10.95



## Pocket AM On a Budget

NEW FOR '84

**695**

Makes a Perfect "Extra" Portable

Rotary tuning dial, 2 1/2" speaker, built-in AM antenna. With earphone and wrist strap. 4 x 2 9/16 x 1 3/8". Requires 9V battery. 12-177 ..... 6.95



## Our Famous AM Flavoradios®

**788** Each

In Four Delicious Flavors



They slip easily into pocket or purse, or add a splash of color when carried by the handy wrist strap. They make great gifts, so buy enough for all the kids. With earphone. 3 5/8 x 2 3/4 x 1 1/2". Require 9V battery. 12-166 ..... 7.88

# CLOCK RADIOS WITH BATTERY BACKUP/SENTINEL

## Battery Backup

9V battery runs clock (without display) up to 8 hours and alarm for 10 minutes, if AC fails



## Battery Sentinel™

Front-panel red LED warns you if backup battery is weak or missing—fail-safe design



## Our Stereo Model Sounds Fantastic

**59<sup>95</sup>**

Was \$69.95 in 1983 Catalog

Twin Side-Mounted 3" Speakers

**Chronomatic®-225.** Start each morning with your choice of stereo music on FM, your favorite AM station, or buzzer alarm. Turn off alarm/radio and it automatically resets itself for tomorrow's wake-up time! Clock features hi/lo display dimmer, snooze and 1-hour/59-minute sleep controls, p.m. and wake LEDs. Lighted dial, hi/lo tone switch, balance control, LED stereo indicator, FM-AFC, terminals for external FM antenna, 1/4" stereo headphone jack. 4 x 12<sup>3</sup>/<sub>4</sub> x 6<sup>1</sup>/<sub>2</sub>". U.L. listed. 12-1532 . . . . . 59.95



ONE OF OVER **350** NEW LOW PRICES

## 0.9" LED—Easy to See Night or Day



ONE OF OVER **350** NEW LOW PRICES

**47<sup>95</sup>**

Was \$49.95 in 1983 Catalog

- LED Indicators for P.M. and Wake
- Hi/Lo Display Dimmer

**Chronomatic-230.** Use the 1-hour/59-minute sleep control to doze off. Rise 'n shine to radio or buzzer. Tap the snooze bar to steal a few extra winks. Time and alarm-set controls are easy to get at and simple to use. Radio has lighted slide-rule dial, 3" speaker, AFC and ceramic filter on FM, earphone jack. 3 x 10<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>2</sub>". U.L. listed. 12-1537 . . . . . 47.95

## Full-Feature Calendar/Alarm Clock Radio



**39<sup>95</sup>**

ONE OF OVER **350** NEW LOW PRICES

Was \$49.95 in 1983 Catalog

- Shows Time or Month and Date
- Fluorescent Display With Hi/Lo Dimmer

**Chronodate-229.** Dual-purpose push bar shows month/date display, or allows a few extra minutes to snooze. Sleep control for up to 59 minutes dozing time with auto-shutoff. Display has a.m./p.m. and wake indicators. Radio has 3" speaker, lighted slide-rule tuning dial and earphone jack. 3 x 10<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>2</sub>". U.L. listed. 12-1536 . . . 39.95

## Unique! Compact Cube Clock Radio

NEW FOR 84

**32<sup>95</sup>**

- 4<sup>3</sup>/<sub>8</sub>" Cube Fits in Small Places
- Hi/Lo LED Dimmer

**Chronomatic-241.** Compact, yet has features found in our bigger models. LED display with p.m. indicator, one-button alarm-reset, 1-hour/59-minute sleep and snooze functions. Radio has 2<sup>1</sup>/<sub>2</sub>" speaker, slide-rule dial. U.L. listed. 12-1548 . . . . . 32.95



## One of Our Most Popular Clock Radios



ONE OF OVER **350** NEW LOW PRICES

**37<sup>95</sup>**

Was \$42.95 in 1983 Catalog

**Chronomatic-233.** A better buy than ever! Selectable radio or buzzer alarm, hi/lo LED dimmer switch, 1-hour/59-minute sleep and snooze. Radio has lighted dial plus AFC and ceramic filter for superior FM, 3" speaker, earphone jack. 2<sup>1</sup>/<sub>2</sub> x 9<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>2</sub>". U.L. listed. 12-1540 . . . . . 37.95

# THE LATEST FEATURES AT THE LOWEST PRICES

## AM/FM Clock Radio Featuring Built-In Telephone Cradle

**NEW FOR '84**

**39<sup>00</sup>**

Telephone not included



**Holds Most One-Piece Telephones—Saves Space on Bedside Table, Adds Convenience, Reduces Clutter**

**Chronofone-100.** Amazing low price for such versatility! Wake to radio or buzzer. Cradle space on back of cabinet fits most one-piece phones. A built-in switch mutes radio automatically when telephone is used. Includes 7-foot modular phone cord and handy cord retainer on bottom of cabinet. Also has 0.6" LED display with dimmer, lighted tuning dial, snooze and 1-hour/59-minute sleep controls, 3" speaker, earphone jack. 2 1/2 x 9 5/8 x 7 1/2". U.L. listed. 12-1544 . . . . 39.00  
**ET-120 Tone-Dial Phone.** (Shown.) 43-502 . . . . . 29.95

## "Human-Engineered" Direct-Input Pushbutton Controls Simplify Operation

**NEW FOR '84**

**44<sup>95</sup>**

- You Can't Buy an Easier-to-Use Clock Radio
- Green Fluorescent Display With Auto-Dimmer

**Chromatic-232.** Thin-line front-panel controls make this our easiest-to-use clock radio ever! Features a top-mounted sensor-type snooze control, plus display indicators for a.m./p.m., sleep and alarm. 1-hour/59-minute sleep control. Lighted slide-rule dial, hi/lo tone switch and 3" speaker. 2 1/4 x 9 1/2 x 5 1/2". U.L. listed. 12-1539 . . . . . 44.95



**Soft-Touch Controls for Easy Entry of All Functions**

## Our Lowest Priced AM/FM Waker-Upper



**NEW FOR '84**

**27<sup>95</sup>**

Available Oct. 30, 1983

**Chromatic-236.** Dependable IC-controlled clock has snooze and 59-minute sleep controls, fast/slow time-set buttons. 0.6" display with p.m./wake LEDs. Radio or "beep" alarm. 3" speaker. 2 1/2 x 8 5/8 x 5". U.L. listed. 12-1545 . . . . . 27.95

## Budget-Priced and Feature-Packed



**ONE OF OVER 350 NEW LOW PRICES**

**34<sup>95</sup>**

Was \$39.95 in 1983 Catalog

**Compact—Fits Any Table or Shelf**

**Chromatic-234.** Doze off to radio for up to one hour and 59 minutes with auto-shutoff, wake to radio or buzzer. Hi/lo dimmer, p.m./wake indicators. 3" speaker, AFC and ceramic filter on FM, earphone jack. 2 1/2 x 8 5/8 x 5". U.L. listed. 12-1541 . . . . 34.95

All Realistic Clock Radios Feature Impact-Resistant Molded Cases and Built-In Antennas

World Radio History

# AM/FM CLOCK RADIOS WITH CASSETTE RECORDERS

Our Best! Stereo Radio and Cassette



Available Oct. 30, 1983

**NEW  
FOR '84**

**99<sup>95</sup>**

Battery Backup\* keeps clock on time and operates alarm if power fails.

Battery Sentinel™ LED warns if backup battery is weak or not installed.

- Two 4" Speakers • End-of-Tape Auto-Stop
- Stereo-Wide™ Adds Extra Depth to Sound

**Realistic Chronosette™-237.** Wake with stereo from FM or cassettes, buzzer alarm or AM radio. Records off-the-air or "live" if you add mikes. Sleep and snooze features work with radio and tape. Sleep switch lets you record for up to one hour, 59 minutes while you're away, then shuts off. Has pause control, 3-digit counter, automatic record level, Battery Sentinel LED, 0.6" LED time display with hi/lo brightness. Pushbuttons for easy and exact time and alarm setting. Headphone jack. Aux input jacks. Terminals for external FM antenna. Deluxe wood cabinet with simulated walnut finish. 6 x 6 1/2 x 12 1/2". U.L. listed. 12-1543 . . . . . 99.95



## Mono Radio/Cassette Recorder

**79<sup>95</sup>**

With Battery Backup\*  
And Battery Sentinel

- Records Directly Off-the-Air or "Live" With Built-In Electret Condenser Mike
- Top-Mounted Sleep and Snooze Controls Work With Either Radio or Tape

**Chronosette-235.** Wake to FM, AM, your favorite tape or a buzzer. Features automatic record level, pause control, end-of-tape Auto-Stop. 0.6" LED time display has PM and Wake indicators and a dimmer switch. The sleep switch lets you record for up to one hour, 59 minutes while you're away, then shuts off. Pushbuttons make it easy to set time and alarm to the exact minute you want. Lighted dial, 3" speaker, earphone jack. Molded cabinet with simulated walnut finish. 3 1/4 x 11 3/4 x 6 7/8". U.L. listed. 12-1538 . . . . . 79.95

## Table Radios for Kitchen, Bedroom or Office

**A** Realistic MTA-11 Deluxe AM/FM Radio. Quality you can see and hear! The 6 1/2" speaker has a free-edge cone and is acoustically sealed in the cabinet for rich, room-filling sound. Ceramic filter and an integrated circuit provide real station-pulling power on FM. Lighted dial, tone control, built-in antennas, terminals for external FM antenna. Pressed wood cabinet, simulated rosewood finish. 8 25/32 x 13 13/32 x 5". U.L. listed AC operation. 12-690 . . . . . 49.95

**B** Realistic MTA-8 Compact AM/FM Radio. The little radio that "thinks" it's a hi-fi! Features an integrated circuit (IC) audio output stage and a free-edge 4" speaker for superb sound. Has a tone control, ceramic filter for superior FM reception, lighted dial built-in antennas, terminals for external FM antenna. Pressed wood cabinet with handsome walnut vinyl veneer finish. 6 x 10 13/16 x 3 15/16". U.L. listed AC operation. 12-689 . . . . . 39.95

**C** Realistic Compact AM Radio. Big on looks but small in size! Ideal for garage, kitchen, shop, utility room. Transformerless audio output stage and 3" speaker deliver surprisingly good sound. Molded cabinet with simulated walnut finish. 4 1/4 x 8 5/8 x 3 1/2". U.L. listed AC operation. 12-679 . . . . . 16.95



**16<sup>95</sup>** **C**

**39<sup>95</sup>**

**49<sup>95</sup>**

\* Battery Backup Feature Requires a 9V Battery, Not Included

# PUT INSTANT WEATHER INFO AT YOUR FINGERTIPS

## Weatheradio Alert Warning System Radios

When severe weather threatens, a signal from the National Weather Service triggers a loud alarm built into the Weatheradio Alerts shown below. When the alarm sounds, just press weather button for latest facts and forecasts.



### Weatheradio Alert II Operates Even if AC Power Fails

**39<sup>95</sup>**

Crystal-Controlled for  
Drift-Free Reception

Our finest! Brings in weather stations up to 50 miles away. Features LED "standby" indicator and alarm-test button. Perfect for night stand or desk. 1<sup>3</sup>/<sub>4</sub> x 6<sup>7</sup>/<sub>8</sub> x 5". U.L. listed AC operation. Requires 9V battery for backup feature. 12-154 ..... **39.95**

## Handy Pocket Weatheradio Alert

**32<sup>95</sup>**

- Ideal for Travelers, Outdoorsmen
- Crystal Control Eliminates Drift

"Take-anywhere" size, yet receives weather stations up to 35 miles away! Features a weather/standby selector with mode indicator, telescoping antenna. 4<sup>3</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 9V battery or AC or DC adapter. 12-161 ..... **32.95**

AC Adapter. U.L. listed. 273-1650 ..... **11.95**

12VDC Adapter. 270-1560 ..... **9.95**



## Stay Informed With a Realistic Weatheradio®

The U.S. Government's National Weather Service broadcasts storm warnings, traveler's advisories and local forecasts on special VHF stations in over 365 cities nationwide. Most stations operate 24 hours a day. Visit Radio Shack for details.

## Desktop Weather and Time Receiver

Radio Shack Exclusive

**NEW  
FOR '84**



**39<sup>95</sup>**

Receives National Weather Service  
Stations Up to 50 Miles Away and  
Accurate-to-the-Second Time From  
The National Bureau of Standards

Realistic Weatheradio/Timecube. This unique radio puts accurate time and weather information at your fingertips. Ideal for a desk or table-top and it makes a great gift. Just tap the Play Bars to hear your local weather service station or the U.S. Government's time station WWV in Fort Collins, Colorado. Crystal controlled circuit for drift-free reception of both services. Under-set controls let you select the 5, 10 or 15 MHz frequencies of WWV. Side-mounted rotary volume control, telescoping antenna. Converter wheel with positions for U.S. time zones is built into the cabinet. Low-profile styling with simulated walnut finish. 17<sup>1</sup>/<sub>16</sub> x 6 x 3<sup>15</sup>/<sub>16</sub>". Requires 9V battery. 12-149 ..... **39.95**

12-149 ..... **39.95**



**A**

**29<sup>95</sup>**

Wall-Mount  
Weather Station



**B**

**24<sup>95</sup>**

Desktop  
Weatheradio

**A** Deluxe Weather Station. Great addition to any wall. Accurate indoor thermometer plus hygrometer to indicate humidity. RF amplifier brings in weather stations up to 50 miles away. Crystal-controlled for drift-free reception. Woodgrain finish. 13<sup>1</sup>/<sub>2</sub> x 4<sup>3</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>4</sub>". Requires 9V battery. 12-150 ..... **29.95**

**B** Low-Profile Desktop Weatheradio. RF amplifier for 50-mile range. Crystal-controlled. Simulated rosewood. 11<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>2</sub>". Requires 9V battery or AC adapter. 12-152 ..... **24.95**

AC Adapter. U.L. listed. 273-1431 ..... **4.95**



**C**

**19<sup>95</sup>**

Pocket  
Weatheradio



**D**

**17<sup>95</sup>**

Weatheradio  
Cube

**C** Pocket Weatheradio. RF amplifier for 50-mile range. Crystal-controlled. Easily fits shirt pocket or purse—just 4<sup>1</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>4</sub> x 1". Carry strap, telescoping antenna. Requires 9V battery. 12-151 ..... **19.95**

**D** Weatheradio Cube. Set the hidden controls once, then tap the Play Bar to hear weather stations up to 25 miles away. Telescoping antenna, on-top speaker. 3" cube with simulated rosewood finish and chromed edges. Requires 9V battery. 12-181 ..... **17.95**

Weatheradio is a Registered Trademark of Radio Shack

World Radio History

# REMOTE CONTROL VHS VIDEO CASSETTE RECORDER

**NEW  
FOR '84**



- Three Speeds—Up to Eight Hours Of Recording and Playback
- 105-Channel Cable-Ready Tuner With 12 Pushbutton Presets

Only \$30 Per Month  
On CitiLine Credit

**499<sup>95</sup>**

## Remote Control Included



Nine-function wired remote control lets you pause, advance tape or rewind it, select play or record modes, and "search" with the cue/review feature—up to 16 feet away.

**Realistic Model 10.** Deluxe features and the convenience of remote control—at the price of a "basic" video recorder! Provides up to eight hours of recording time with a T-160 cassette. Speed selection is automatic in playback mode. The electronic tuner allows you to preset twelve VHF, UHF or cable channels for instant selection with soft-touch buttons. Easy-to-program electronic timer lets you record a program within an eight-day period, or at the same time every day, automatically. Also features automatic rewind at end of tape (except in timer recording mode), extra-large display for clock/timer/counter and lighted channel indicators. The four-digit tape counter with memory function and the cue/review high-speed search feature help you find specific segments on your tapes. Built-in moisture protection, jacks for audio/video input and pause for use with cameras. RF, video and audio outputs. 5<sup>1</sup>/<sub>4</sub> × 18<sup>7</sup>/<sub>8</sub> × 13<sup>1</sup>/<sub>2</sub>" U.L. listed. 16-501 . . . . . 499.95

## 13" Color TV With Remote Control And Soft-Touch Memory Tuning



**399<sup>95</sup>**

Only \$28 Per Month  
On CitiLine Credit

**Wireless Remote Control Lets You Change Or Scan Channels, Adjust or Mute Sound, Turn Set On or Off—Up to 17 Feet Away!**



Diagonally measured.  
Simultaneous reception.

**Radio Shack TC-130.** Feature packed! You get a one-button automatic color system plus an advanced picture tube with inline gun and slotted mask for outstanding clarity. The electronic tuner makes it easy to preset any 12 channels for one-touch selection from the set or remote. You can also scan the preset channels and stop at the desired program with the remote. Up/down volume pushbuttons on set and remote. With "stick-on" channel labels for remote control. 300 and 75-ohm connectors for external antenna or cable. 12<sup>3</sup>/<sub>4</sub> × 18 × 16". U.L. listed. Remote requires two "AA" batteries.

16-230 . . . . . 399.95

# REALISTIC PORTAVISION®—BEST VALUES IN SIGHT

**Compact 5" Color  
TV/Video Monitor**

**349<sup>95</sup>**

Only \$28 Per Month  
On CitiLine Credit

**NEW  
FOR '84**

**Top-Mounted  
Controls**



Diagonally measured. Simulated reception

Versatile! This high-performance set will also work as a monitor for a computer or portable VCR. The U.L. listed AC adapter detaches to save weight. Phono jacks for video and audio in/out. Electronic tuner, automatic color system. Telescoping antenna and 75/300-ohm external antenna terminals. With earphone. Portable use requires ten "D" cells (not incl.) or 12VDC. 7<sup>1</sup>/<sub>2</sub> × 6<sup>1</sup>/<sub>8</sub> × 11" 16-106 ..... 349.95

**9" Black-and-White Operates on AC  
Or 12 Volts DC From Vehicles and Boats**



**NEW  
FOR '84**

**99<sup>95</sup>**

Diagonally measured. Simulated reception

**DC Power Cord Included**

Excellent for kitchen or bedroom. The built-in 12VDC power supply and cord make it perfect for vans and vacations, too. Has rotary tuning with UHF channel detents. Only 11 pounds, and a handle is built into cabinet for easy carrying. Telescoping antenna and terminals for external 75/300-ohm antenna. With earphone. 8<sup>7</sup>/<sub>8</sub> × 10<sup>1</sup>/<sub>4</sub> × 12<sup>1</sup>/<sub>8</sub>". U.L. listed AC operation or 12VDC. 16-240 ..... 99.95

## New Low Prices on PortaVision Black-and-White TV

**Three-Way Power! All Play on AC, Batteries or 12VDC From  
Vehicles. Earphones Included for Private Listening**



Diagonally measured. Simulated reception.

**A** 5" TV With AM/FM Radio and Cassette Recorder. Complete entertainment system to go! Records from built-in electret mike, or directly from radio or TV as you listen. Cassette features tape counter, pause control, Auto-Stop at end of tape, jacks for remote control mike and aux input. TV has sun shade for outdoor viewing, electronic tuner, separate radio/TV tuning, tone control. Telescoping AM/FM antenna, terminals for external 300-ohm antennas. 4<sup>3</sup>/<sub>4</sub> × 15<sup>1</sup>/<sub>2</sub> × 10<sup>3</sup>/<sub>8</sub>". U.L. listed AC operation, nine "D" batteries (not incl.) or optional DC adapter. Was \$199.95 in 1983 Catalog. 16-104 ..... 189.95

**B** 5" TV With AM/FM Radio. Delivers bright sharp pictures and AFC prevents drift when you listen to FM. Only 6<sup>1</sup>/<sub>2</sub> pounds. Has built-in sun shade, reliable electronic TV tuner and separate radio/TV tuning. Telescoping FM/UHF/VHF antenna, terminals for external 300-ohm antennas. 7 × 5<sup>7</sup>/<sub>8</sub> × 10". U.L. listed AC operation, nine "D" batteries (not incl.) or optional DC adapter. Was \$169.95 in 1983 Catalog. 16-100 ..... 159.95

**C** 2" TV With AM/FM Radio. Despite its small size, this 2<sup>1</sup>/<sub>2</sub>-pound marvel gives you a remarkably clear, detailed picture! Slide-on sun hood/magnifying lens, large dial, electronic TV tuner, separate radio/TV tuning. Built-in antenna, terminals for external 300-ohm antennas. With U.L. listed AC adapter, cases for TV and sun hood/lens. 2<sup>1</sup>/<sub>8</sub> × 6 × 8". Requires six "AA" batteries or optional DC adapter. Was \$199.95 in 1983 Catalog. 16-103 ..... 179.95

**D** 5" TV. Quality you can see, at a bargain price. Only 5<sup>1</sup>/<sub>2</sub> pounds, yet has built-in sun shade, large slide-rule dial, electronic tuner. Telescoping VHF/UHF antenna, terminals for 300-ohm external antennas. 4<sup>7</sup>/<sub>2</sub> × 8 × 10<sup>1</sup>/<sub>2</sub>". U.L. listed AC operation, six "D" batteries (not incl.) or optional DC adapter. Was \$139.95 in 1983 Catalog. 16-102 ..... 129.95

Sets on This Page Will Play on 12VDC Neg. Ground Vehicle Power. Use Adapter #270-1534 for all Except #16-240 and #16-103.  
For Mobile Use, See Antennas #15-1610/1613 on Page 115. Weights Exclude Batteries





# Save Up to 40%

Buy in Quantity From Radio Shack  
Get Discount Prices on Everything  
Available in This Catalog

For premiums, sales promotions, educational and institutional needs. Quantity buyers and purchasing agents can get big savings off Cat. No. 367 "each" prices. Terms: NET 30 days, FOB Radio Shack store or warehouse nearest you.

**DISCOUNTS TO BE TAKEN OFF SINGLE-PRICES  
ITEMS MAY NOT BE ASSORTED (Except Tubes)**

Equipment	6-11	12-49	50-499	500-Up
Antennas, TV/FM	10%	15%	20%	25%
Audio Components (Receivers, Amplifiers, Tuners, Changers, Speakers, Headphones, Frequency Equalizers)	10%	15%	20%	25%
Audio Accessories	—	15%	25%	33%
Auto Tape Players, Radios, Accessories	10%	15%	20%	25%
Batteries (Radio Shack Brands)	—	10%	20%	30%
Batteries (Other Brands)	5%	7%	10%	20%
Books	10%	20%	25%	33%
Calculators	5%	10%	15%	20%
CB Transceivers (Base, Mobile, Walkie-Talkies)	10%	15%	20%	25%
CB Antennas, Accessories	—	10%	15%	20%
Coax/Telephone Wire (500-Foot Rolls Only)	10%	12%	15%	20%
Computer Software, Accessories, Supplies and Books	10%	15%	17%	20%
Pocket Computers, Color Computers, Model 100, Printers, Peripherals	5%	10%	15%	20%
Model 4 Cassette Computer	5%	7%	10%	15%
Model 4 Disk Computer,	5%	10%	(See Store Manager for Quantities Over 20)	
Model 12 and 16 Computers				
Electronic Components	—	10%	25%	33%
Electronic Games/Space Patrols	5%	10%	12%	20%
Intercoms	10%	15%	20%	25%
Kits (Science Fair and Archerkit)	5%	10%	15%	20%
Microphones	10%	15%	20%	25%
PA Equipment (Electronic)	10%	15%	20%	25%
Phonos (Portables, Compacts)	5%	10%	15%	20%
Radios (Clocks, Portable, Stereo, Novelty)	7%	12%	17%	20%
Radio-Controlled Toys	5%	10%	12%	20%
Pre-Recorded Tapes	10%	15%	20%	33%
Scanners, Communication Receivers	10%	15%	20%	25%
Security Devices	7%	12%	20%	25%
Speakers (Unmounted)	10%	15%	20%	25%
Tape Recorders and Players	7%	12%	17%	20%
Tape, Recording (Audio)	(See Pages 44-45)			40%
Tape, Recording (Video)	(See Page 48, No Additional Discounts)			
Tape Accessories	—	10%	20%	25%
Telephones (Dialers, Answers, Amps)	7%	12%	17%	25%
Telephone Accessories	—	10%	25%	33%
Television, Video Cassette Recorder	5%	7%	10%	15%
TV/Video Accessories	—	10%	20%	25%
Test Equipment	10%	15%	20%	25%
Timers, Electrical Accessories, Clocks, Watches, Treasure Finders	5%	7%	10%	20%
Tools and Hardware	5%	7%	10%	20%
Tubes	10%	15%	25%	33%

All Prices and Terms Optional in Dealer/Franchise Stores.  
Prices Subject to Change Without Notice

## EMPLOYMENT OPPORTUNITIES Radio Shack Offers Promising Careers in Sales and Sales Management!



If you have sales ability, desire to learn and are willing to work to achieve maximum results, learning to manage a Radio Shack store, Computer Center or Telephone Center may be what you've been looking for. Thanks to our continuing growth, there are Sales and Manager Trainee opportunities in a number of major market areas.

**To Learn More,  
Call or Write Our  
Regional Office  
Nearest You!**

**NATIONAL  
PERSONNEL**  
500 One Tandy Center  
Fort Worth, TX 76102  
(817) 390-3011

**ALBANY**  
145 Wolf Rd. Shopper's Pk.  
Albany NY 12205  
(518) 459-6924

**DENVER**  
5890 W. 44th Ave.  
Denver CO 80212  
(303) 421-8000

**PHILADELPHIA**  
Box 24  
Palmira, NJ 08065  
(609) 829-8506

**ATLANTA**  
241 W. Wrecca Rd. N.E.  
Suite 206  
Atlanta, GA 30342  
(404) 252-7159

**DETROIT**  
29548 Southfield  
Suite 209  
Southfield, MI 48076  
(313) 424-8457

**PITTSBURGH**  
1679 Washington Rd.  
Suite 200  
Pittsburgh, PA 15228  
(412) 344-5600

**BOSTON**  
10 Mazzeo Dr.  
Randolph, MA 02368  
(617) 963-8000

**HOUSTON**  
6813 Southwest Freeway  
Houston, TX 77274  
(713) 776-0645

**SACRAMENTO**  
1337 Hows Ave.  
Suite 201  
Sacramento, CA 95825  
(916) 920-8077

**CHARLOTTE**  
5701 West Park Dr.  
Suite 205  
Charlotte, NC 28210  
(704) 527-8458

**KANSAS CITY**  
P.O. Box 7568  
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**SAN DIEGO**  
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Garden Grove, CA 92641  
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Einhurst, IL 60126  
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**LOS ANGELES**  
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Santa Fe Springs, CA 90670  
(213) 927-6070

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Foster City, CA 94404  
(415) 574-8963

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Palatine, IL 60067  
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Lauderhill, FL 33021  
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AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Radio Shack—The High-Technology Company Famous for Quality Electronics Since 1921

# BUY YOUR OWN PHONE—NO RENTAL FEES TO PAY!

## One-Piece, All-Electronic Personal Phone



**NEW  
FOR '84**

Pushbutton  
"Pulse" or "Tone"

**29<sup>95</sup>**

Wall Bracket

**2<sup>99</sup>**

Hangs Up on Any Flat  
Surface or on Matching  
Wall Bracket

**ET-120 "Pulse":** Features one-button Auto-Redial of last number called, electronic ringer with high/low/off switch, mute button for privacy. With 16-ft. cord, modular plug.

White, 43-501. Brown, 43-502 . . . . . 29.95

**ET-120 "Tone":** For use with low-rate long-distance and bank-by-phone services. As above, but no Auto-Redial or mute.

White, 43-503. Brown, 43-504 . . . . . 29.95

**Matching Wall Bracket.** Can be mounted over standard modular wall jack. White, 43-186. Brown, 43-187 . . . . . 2.99

## Compact Slim-Fone® With Base—Ready to Plug In and Use

**NEW  
FOR '84**

**39<sup>95</sup>**

Base Fits Over Any  
Standard Modular  
Jack for Fast and  
Easy Wall Mounting

**Slim-Fone ET-270 "Pulse":** Simple to install—save even more! Auto-Redial automatically redials the last number called. Electronic ringer with high/low/off switch, mute button for privacy. 14-ft. cord, modular plugs. White, 43-514. Brown, 43-515 . . . . . 39.95

**Slim-Fone ET-270 "Tone":** Fast tone-dialing to access low-rate long-distance and bank-by-phone services. As above, but no Auto-Redial or mute.

White, 43-516.

Brown, 43-517 . . . . . 39.95



# Low-Priced, Ready-to-Use Phones for Extensions or Replacement

## Desktop Rotary Dial For Home or Office

**39<sup>95</sup>**

Same style and reliability as phone company models. Plugs into any modular jack. Bell volume control. With 7-ft. base cord.

Beige, 43-302.

White, 43-301 . . . . . 39.95



## Mini Wall Rotary Phone "Colors" Your Home in Style

Fits Over Standard  
Modular Jack for  
Easy Wall Mounting

**59<sup>95</sup>**

The perfect extension for kitchen, laundry, family room, any room! Rugged, reliable modular mini phone is ready to plug in and use! With modular coiled handset cord.

Brown, 43-304. Almond, 43-303 . . . . . 59.95



## Standard Desk Tone-Fone™

**NEW  
FOR '84**

**69<sup>95</sup>** Pushbutton  
Convenience

Ideal for bedroom, workshop, office. Coiled modular handset cord stretches up to four ft., detaches to add longer cords. Includes 7-ft. base cord with modular plugs. Beige, 43-341.

White, 43-339 . . . . . 69.95



## Mini Wall Tone-Fone Gives You Pushbutton Calling Convenience

Fast Tone-Dialing Lets  
You Access Low-Rate  
Long-Distance and  
Bank-By-Phone Services

**69<sup>95</sup>**

Replace your old phone with this new wall phone for touch-dialing convenience! Makes a great extension, too. Fits over standard modular wall jack. With coiled handset cord, modular plug.

Almond, 43-307. Brown, 43-308 . . . . . 69.95



# SHOP OUR TELEPHONE BOOTH® FOR BEST BUYS

## Dress Up Your Wall With an Elegant White Trim-Fone®



Base Fits Over Standard Modular Jack for Easy Wall Mounting

**NEW FOR '84**

**59<sup>95</sup>** Pushbutton "Pulse" or "Tone"

- Makes the Perfect Extension, or Replace Your Old Wall Phone
- Ready to Plug In

**Trim-Fone.** Contoured to fit comfortably in your hand. Handy "hang up" button for making calls without returning handset to base.

**Trim-Fone "Pulse":** Enjoy pushbutton dialing convenience! With Auto-Redial. 43-355 ..... 59.95

**Trim-Fone "Tone":** Fast tone-dialing for accessing low-rate long-distance and bank-by-phone services. 43-356 ..... 59.95

## Slender Trim-Fone Accents Any Home or Office Decor

- Easy to Install—Plugs Into Standard Modular Phone Jack
- Detachable Coiled Handset Cord

**59<sup>95</sup>**

Pushbutton "Pulse" or "Tone"

Fashionable Trim-Fone adds style to any desk or table. "Hang up" button lets you place a series of calls without returning handset to base. Curved handset is shaped to rest naturally in your palm.

**Trim-Fone "Pulse":** Universal Dial System lets you enjoy pushbutton dialing convenience, even on rotary lines. One-button Auto-Redial of last number called.

White, 43-351.

Brown, 43-352 ..... 59.95

**Trim-Fone "Tone":** Tone-dialing for accessing low-rate long-distance and bank-by-phone services. Was \$64.95 in 1983 Catalog.

White, 43-353.

Brown, 43-354 ..... 59.95



## Give Your Home the European Flair of a Continental Fashion-Fone®



**A 59<sup>95</sup>**

**B 69<sup>95</sup>**

**C 49<sup>95</sup>**

**D 69<sup>95</sup>**

**E 79<sup>95</sup>**

**F 59<sup>95</sup>**

Save Money Without Sacrificing Style!  
Do-it-Yourself Installation Saves Even More, Too

**French-Style.** All the elegance and charm of Paris' "Left Bank" at a "down-home" price! Combines classic design with quality components for years of reliable service. Features a "Continental-style" buzzer and ornamental handset. With 7-ft. base cord, modular plug.

**A White, Gold-Color Trim.** 43-326 ..... 59.95

**B Golden Color, Ivory-Color Trim.** 43-325 ..... 69.95

**C "Cutie":** Extra petite, extra pretty. Ivory colored and accented with golden trim. Coiled handset cord, 7-ft. base cord, modular plug. 43-324 ..... 49.95

**D French Continental.** Beautiful golden hue and ivory-colored base add to the "Old World" charm of this antique style phone. With 7-ft. base cord, modular plug. 43-320 ..... 69.95

**E Imperial Classique.** The phone fit for royalty at a price that fits your budget! Exquisitely detailed scrollwork adorns the antiqued brass base and handset of this classic design. Extended dial for easier use. With coiled handset cord, 7-ft. base cord, modular plug. 43-323 ..... 79.95

**F "Bonnie 'n Clyde":** Enjoy a touch of nostalgia with every call! Roaring '20s classic styling looks just like the original. Slim candlestick design fits comfortably in your hand, and the lightweight molded body makes it easy to hold while you talk. Features an adjustable mouthpiece and raised rotary dial. Attractive black finish with gold trim. With black handset cord, 7-ft. base cord and modular plug. 43-321 ..... 59.95

# DISCOVER OUR CONVENIENT AUTOMATIC DIALERS

## Slim-Fone® With 10-Number Memory

Pulse Dialing

**6995**

**NEW FOR '84**

Tone Dialing

**7995**

- Auto-Dialing of Last Number Entered Or Any of Ten Other Phone Numbers
- Memory Protection Circuit



**Radio Shack ET-280 "Pulse":** This compact, lightweight phone saves you time by dialing often-called or emergency numbers with just the touch of two buttons. Each number can have up to 16 digits. Pleasant-sounding electronic ringer. Pulse dialing allows pushbutton operation even on rotary-dial lines. Base holds card to index numbers stored in memory. Coiled, detachable handset color. **White, 43-520. Brown, 43-521 . . . . . 69.95**

**Radio Shack ET-280 "Tone":** As above, but with tone dialing instead of pulse. Tone dialing allows access to low-rate long distance, bank-by-phone, business computer and similar services. **White, 43-522. Brown, 43-523 . . . . . 79.95**

## Tone Telephone Auto-Dialer System



**NEW FOR '84**

**11995**

Phone not included

- Stores and Auto-Dials Up to 93 Numbers
- Ideal for Low-Rate Long-Distance Services
- Controlled Directly From Any "Tone" Telephone

**DUOFONE®-93T.** A breakthrough! Remembers and dials any number up to 32 digits long. Just dial a name or initials you've assigned to a number (2 to 6 letters) and the 93T does the rest. Repeatedly redials busy numbers for up to two hours, and unanswered numbers every ten minutes for up to ten hours, then signals you when your call gets through. Plugs into modular jack. (Not for rotary-dial lines.) **43-297 . . . . . 119.95**

## One-Piece 10-Number Dialer-Fone

- One-Button Auto-Redial
- Electronic Ringer With Adjustable Volume
- "Hangs Up" on Any Flat Surface

**3495**

**NEW FOR '84**



**Radio Shack ET-130.** Use the handset keys to enter up to ten phone numbers of up to 18 digits each into memory. The stored numbers may be dialed by pressing only two buttons; you will save time and have fewer numbers to remember. Ringer has high/low/off switch. Use label on back of phone to list numbers in memory. Pulse dialing allows use on either tone or rotary-dial lines. **White, 43-507. Brown, 43-508 . . . . 34.95**  
**Wall Mounting Bracket. White, 43-186. Brown, 43-187 . . . . . 2.99**

## 32-Number Auto-Dialer

**9995**

Switchable Tone or Pulse Dialing

**DUOFONE-232.** Make calls instantly, even has convenient "on-hook" dialing. Multi-function LED display. With U.L. listed AC adapter. For single-line phones. Requires 9V battery for memory backup.  $2\frac{5}{8} \times 6\frac{1}{4} \times 6"$   
**43-282 . . . . . 99.95**



## 16-Number Auto-Dialer

**4995** Fast, One-Button Dialing on Tone or Rotary-Dial Lines

**DUOFONE-100.** Stores 16 numbers of up to 15 digits each. LED memory/dialing indicator. U.L. listed AC operation. Adapter included. Requires two "AA" batteries for memory backup.  $2\frac{1}{4} \times 4\frac{1}{2} \times 5\frac{3}{16}"$   
**43-279 . . . . . 49.95**



## Pocket Tone Dialer With Memory

- Stores Up to 32 Numbers
- Last-Number Auto-Redial

**5995**

**NEW FOR '84**

Portable "phone book" makes dialing fast and easy—take important numbers anywhere. Access services requiring tone entry from any phone. 28-digit number capacity. Low-battery indicator. With batteries.  $4\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{3}{8}"$   
**43-140 . . . . . 59.95**



Auto-Dialers May Not Operate On Some Multi-Line Systems. Phones May Be Incompatible With Certain Hearing Aids

# IN HOME OR OFFICE, RADIO SHACK HELPS YOU TALK

## Telephone With Auto-Dialer/Amplifier

- Switchable Tone or Pulse Dialing
- "Hands-Free" Two-Way Amplifier
- Auto-Dialer With 32-Number Memory

**139<sup>95</sup>**

**DUÖFONE-160.** Amazing "all-in-one" phone stores up to 32 frequently called numbers for instant one-button dialing. Each of the 32 memory positions has a 28-digit capacity—you can even make overseas calls with the touch of just one key! Allows users with rotary-dial lines to access services requiring tone dialing, such as low-rate long distance and catalog ordering. Built-in two-way amplifier and on-hook dialing for hands-free "family" and conference calls. Amplifier has pushbutton on/off, high/low sensitivity, privacy "mute" and volume controls. Modular connectors let you add a longer cord to handset, if desired. 3<sup>1</sup>/<sub>16</sub> x 8<sup>5</sup>/<sub>8</sub> x 9<sup>13</sup>/<sub>16</sub>". Requires four "AA" batteries for memory backup. With 6-ft. modular cord. Single-line use only. 43-293 ..... 139.95



## Telephone With Built-In 32-Number Auto-Dialer

**99<sup>95</sup>**

- Switchable Tone or Pulse Dialing
- Input-Error Alarm • Pause Key
- Battery-Protected Memory
- Use on Desk or Mount on Wall

**DUÖFONE-140.** This convenient combo makes a valuable addition to any home or business. Stores up to 32 phone numbers of up to 28 digits each—you get accurate, one-button dialing of often-called or emergency numbers. Switchable for tone or pulse dialing, it works with any phone system. Users on rotary-dial lines can access low-rate long distance and other services requiring tone dialing. As you dial, a tone confirms each entry. If you dial incorrectly, a 3-tone signal alerts you. Pause key works with phone systems requiring an access code for the outside line. Pause can be entered manually or stored as a part of numbers in memory. You also get Auto-Redial of the last number manually entered if it was busy or unanswered. Requires four "AA" batteries for memory backup. 3<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>2</sub> x 10". With 6-ft. modular cord, ready to plug in and use. Single-line use only. 43-294 ..... 99.95



## Our Finest Telephone Amplifier

**49<sup>95</sup>**

Integrated Circuitry for Top Performance

**DUÖFONE-101.** Talk while you cook or move around—without a handset! Automatic talk/listen switching and sensitivity lets several people join in "family" or conference calls. Mute button for listening only. Slide-action volume control. Phone line powered—no batteries required. Works on multi-line systems. 1<sup>1</sup>/<sub>16</sub> x 6<sup>11</sup>/<sub>16</sub> x 7". With 6-ft. cord, modular plug. 43-277 ..... 49.95



## Compact, Budget-Priced Amplifier

**29<sup>95</sup>**

Phone Line Powered—No Batteries Required

Enjoy hands-free conversations, family and conference calls at a bargain price. Easy to operate—just plug into modular jack and you're all set. Rotary volume control, privacy and sensitivity pushbuttons. 3<sup>5</sup>/<sub>8</sub> x 6 x 4<sup>1</sup>/<sub>8</sub>". With 5-ft. cord, modular plug. 43-278 ..... 29.95



All Radio Shack Phones and Accessories Are FCC Registered and Are Ready to Plug In With Standard Modular Connectors

# OUR ULTIMATE PORTABLE TELEPHONE! CORDLESS! ELECTRONIC! COMPUTERIZED!



Up to  
**500-Foot  
Range**

ONE  
OF  
OVER **350**  
NEW LOW PRICES

**179<sup>95</sup>**

Doubles as Wireless  
Intercom—Plug Regular  
Phone into Base Unit

Was \$199.95 in 1983 Catalog

- Automatic Memory Dialing of Two Phone Numbers of Up to Ten Digits Each
- One-Button Auto-Redial of Last Number Called
- Programmable Security Code Prevents Nearby Cordless Phones from Dialing On Your Line

**Radio Shack ET-330.** Thanks to a built-in microprocessor, this phone can do much more than conventional telephones! You can make and take calls up to 500 feet from the base unit—just answer and hang up from the handset. An audible tone indicates when you're nearing the range limit of the handset. There's even a privacy button—no need to cover the mouthpiece. Universal Dial System for pushbutton convenience even on rotary-dial lines. Handset has built-in nickel-cadmium batteries that recharge automatically when handset is in the base unit. Low-battery LED indicator. Connects to modular phone jack. Extra Handsets available on Special Order. Base, 3 x 6 x 9". Handset, 1<sup>3</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>2</sub> x 8<sup>1</sup>/<sub>2</sub>". U.L. listed. 43-267 ..... **179.95**  
Extra Recharger. U.L. listed. 273-1455 ..... **6.95**

## Nightstand Cordless Electronic Telephone With Full-Feature AM/FM Digital Clock Radio



**NEW  
FOR '84**

**149<sup>95</sup>**

Available Nov. 15, 1983

Up to 100-Foot Range

- Compact Size is Perfect for Bedside or Desk Placement
- Phone has Auto-Redial of Last Number Entered
- Mute Button • On/Off Switch
- Large 0.6" LED Clock Display
- Hi/Lo Dimmer Switch
- Battery Backup/Battery Sentinel™



**Chronofone™ ET-380.** The perfect addition to your bedside! You get an extra convenient cordless telephone with all the controls in the handset, plus an AM/FM clock radio as the decorative base unit. Phone features Talk/Standby switch that works like a hookswitch for answering and hanging up remotely, LED low-battery indicator and built-in nickel-cadmium batteries that are recharged when handset is in the base unit. Universal Dial System for pushbutton convenience even on rotary-dial lines. Clock has top-mounted time/alarm-set controls, p.m. and Wake indicators and Battery Sentinel to tell you if battery is weak or not installed. You can wake to music or alarm and there's a snooze button for a few extra minutes of sleep. LED battery charge indicator, head phone jack and quick-connecting modular phone plug. Simulated woodgrain. Base 3<sup>1</sup>/<sub>4</sub> x 10<sup>1</sup>/<sub>2</sub> x 7<sup>7</sup>/<sub>8</sub>". Handset, 1<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>4</sub> x 8". Requires 9V battery for backup. U.L. listed. 43-274 ..... **149.95**

**NOTE:** Phones on these two pages may be incompatible with certain hearing aids. Not for coin, party-line or multi-line use. All are FCC registered and include a standard modular plug. Just plug in, and talk.

# CORDLESS-HANDSET PHONE FOR WALK-AND-TALK CONVENIENCE

- Adapts to Standard Telephone Plate for Wall Mounting
- LED Recharging Indicator

ONE OF OVER **350** NEW LOW PRICES

**79<sup>95</sup>**

Was \$99.95 in 1983 Catalog



Up to 100-Foot Range

**Radio Shack ET-350.** A complete answer-and-dial telephone with a handy cordless handset that won't tie you down and "full duplex" operation that lets you use it just like your regular phone. To answer, just pick up the handset. To call, just dial from the pushbutton base unit. There's Auto-Redial for one-button dialing of the last number called, and Universal Dial System for pushbutton convenience even on rotary lines. Plus a Privacy button and a pleasant tone that replaces the harsh-sounding bell. Has built-in nickel-cadmium batteries and automatic charger with LED "on" indicator. May be used on desk or wall. Base, 3 1/2 x 3 1/2 x 9". Handset, 2 1/2 x 2 1/4 x 7 1/4". U.L. listed 43-266 ..... 79.95

## Our Lowest Price for a Cordless Telephone That Lets You Dial and Hang Up From the Handset

ONE OF OVER **350** NEW LOW PRICES

**119<sup>95</sup>**

Up to 100-Foot Range—Use It Indoors or Out

Was \$139.95 in 1983 Catalog

- Take and Make Calls Virtually Anywhere—Home or Office—Free from the Restrictions of a Trailing, Tangling Cord
- Auto-Redial of Last Number Entered if Busy or No Answer
- Privacy Button—No Need to Cover Mouthpiece With Your Hand



**Radio Shack ET-320.** A convenient, stylish addition to any home or business. The pushbuttons are in the portable handset, so you can call, answer, hang up and redial anywhere—up to 100 feet from the base. And there's no monthly phone rental fee, so it saves you money. Universal Dial System for pushbutton convenience even on rotary-dial lines. Ready to use—quick and easy connection with modular phone plug and AC cord. Built-in antenna. Handset has built-in rechargeable nickel-cadmium batteries with recharger in the base. Features low-battery, talk and recharging LED indicators. Base, 3 x 3 x 9 1/2". Handset, 2 x 2 1/4 x 8 1/4". U.L. listed 43-268 ..... 119.95

## Answer-Only Phone Gives More Range for Less Money

NEW FOR '84

**119<sup>95</sup>**

- Slim-Line Receiver Has Attachable Belt-Clip
- Answer Incoming Calls While Working or Relaxing, Indoors or Outside



Up to 700-Foot Range

**DUÖFONE ET-340.** Now you can take calls almost anywhere—in any room, garage, patio—even in a neighbor's yard. Audible tone from remote signals incoming calls—just use the Talk/Standby switch—Talk for answering. Standby for hanging up. Handset includes power on/off switch, volume hi/lo switch, LED low-battery indicator and rechargeable batteries. Telescoping antenna for optimum range. Base unit has Call Button for using as a paging device, power-on indicator and built-in battery recharger. With modular cord. Extra Handsets available on Special Order. Base, 2 1/2 x 5 3/8 x 9 1/2". Handset, 7 1/4 x 2 3/8 x 1 7/8". U.L. listed. 43-272 ..... 119.95  
Extra Recharger. U.L. listed. 273-1454 ..... 5.95

All Radio Shack Phones Are FCC Registered and Perfectly Legal to Use

99

# NO MORE MISSED CALLS—TELEPHONE ANSWERERS

## Voice-Activated Dual-Cassette Telephone Answerer With Remote Control

**179<sup>95</sup>**

- Remote Control Lets You Hear Your Messages From Any Phone
- Can Also Be Used to Record Both Sides Of Telephone Conversations

**DUÖFONE® TAD-114.** Records up to 120 incoming messages or delivers announcements only. Hangs up when caller is finished or when switchable 30-second or 3-minute time limit is reached—saves on tape. Dual-cassette operation makes it easy to store and replace message and announcement tapes. Audible review allows quick, easy back-up to desired selection. Lets you erase old messages while rewinding. Ring delay lets you set number of rings before answering. Call-Monitor lets you screen calls. With built-in mike, single-control operation, fast-forward, tape counter, LED function indicators. Includes both announcement and message cassette. Answerer, 2<sup>3</sup>/<sub>4</sub> x 9<sup>3</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>4</sub>" Remote, 3<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub> x 1". Remote requires 9V battery. U.L. listed AC operation. 43-314 . . . . . 179.95

## Dual-Cassette Remote Control Answerer

**159<sup>95</sup>**

- Remote Control Lets You Call From Any Telephone to Review Messages

**DUÖFONE TAD-112A.** Takes up to 120 calls, or delivers outgoing messages only. Voice-activated circuitry and switchable incoming message length saves on tape. Lets you erase old messages while rewinding. Call-Monitor lets you screen incoming calls. Built-in mike, single-control operation, fast-forward, LED function indicators. Selectable ring delay. Answerer, 2<sup>3</sup>/<sub>4</sub> x 9<sup>3</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>4</sub>". Remote, 3<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub> x 1". Remote requires 9V battery. U.L. listed. 43-247A . . . . . 159.95

## Value-Priced Dual-Cassette Answerer

**119<sup>95</sup>**

- Voice-Activated Circuitry and Switchable Message Length Saves Tape

**DUÖFONE TAD-111A.** Records up to 120 incoming messages, or set for "announcement only". Lets you erase old messages while rewinding. Ring delay lets you set number of rings before answering. Call-Monitor lets you screen incoming calls. Built-in mike, full-capacity shutoff, single-knob function selector, fast-forward, LED function indicators. 2<sup>3</sup>/<sub>4</sub> x 9<sup>3</sup>/<sub>4</sub> x 7<sup>1</sup>/<sub>4</sub>". U.L. listed AC operation. 43-246A . . . . . 119.95



## Our Lowest Priced Dual-Cassette Answerer

**NEW FOR '84 89<sup>95</sup>**

Available Oct. 15, 1983  
Records Up to 120 Incoming Messages

**DUÖFONE TAD-210.** A low-cost way to keep up with important calls! Single-knob function control. Fast-forward lets you scan tape. Call-Monitor. "Announcement Only" setting delivers your recorded announcements without taking messages. Ringer Adjust sets number of rings before answering. LED indicators. 2<sup>7</sup>/<sub>8</sub> x 8<sup>3</sup>/<sub>8</sub> x 8<sup>5</sup>/<sub>8</sub>". U.L. listed AC operation. 43-309 . . . . . 89.95

## Announce-Only Phone Answering System

**49<sup>95</sup>**

Greets Callers With Your Own Personalized Message



**DUÖFONE TAD-100.** An inexpensive 24-hour way to answer callers with your own pre-recorded messages. Does not record calls. The perfect thing for businesses, church groups and other organizations where an announcement is all that you require. 3<sup>1</sup>/<sub>4</sub> x 5<sup>3</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>4</sub>". U.L. listed AC operation. 43-244 . . . . . 49.95



# FEATURE-PACKED ANSWERERS FOR HOME OR OFFICE

## Breakthrough! Telephone Answerer With Voice-Operated Remote Call-In Feature

**NEW  
FOR '84**

# 239<sup>95</sup>

Only \$25 Per Month  
On CitiLine Credit

Available Nov. 30, 1983

- Remote Control is Operated From Any Phone by Your Own Voice—Nothing to Carry
- "Security Code" Allows Only You to Use Remote Control
- Allows Recording of Two-Way Conversations

**DUÖFONE TAD-215.** Sophisticated, yet simple to use! Get all the advantages of remote control without having to carry a remote control unit. Built-in voice synthesization lets the answerer communicate with you directly. Just dial your number from any phone—then verbally identify a 2-digit code number that prevents unauthorized access to your answerer. The answerer will then ask you a series of questions—"Play back new messages?" "Play back all messages?"—and many more. You respond by saying "Yes", or remaining silent. You can play and repeat messages or change your announcement. LED digital display indicates number of incoming messages, function in progress. Features dual-cassette operation, "Announcement Only" setting, Call-Monitor for screening calls. Adjustable selector sets number of rings before answering. Soft-touch button operation. 3 1/8 x 10 x 10 1/4". U.L. listed AC operation. 43-319 . . . . . **239.95**



## Our Best! Computer-Controlled Telephone Answerer

### The Ultimate in Telephone Answering Systems!

Full-Function Digital Remote Control

# 299<sup>95</sup>

Only \$27 Per Month  
On CitiLine Credit

- Fluorescent Display Shows the Message Number, Plus The Date and Time Each Message Was Received
- Four-Digit "Security Code" Allows Only You To Use Remote Control With Answerer
- Voice-Activated Operation Saves on Tape
- Also Doubles as a Recorder and Dictation Machine

**DUÖFONE TAD-150.** Features dual-cassette operation with dual outgoing messages. Voice-actuated—records callers up to five minutes, without gaps. Cue feature lets you locate messages for convenient playback. Digital remote control duplicates most functions, and allows you to call from any telephone and hear your messages or record new announcement. Built-in digital clock, "feather-touch" controls, LED indicators, instant or delayed answer, and built-in electret mike. Answerer, 4 1/4 x 12 x 9 1/4". Remote, 6 x 2 1/4 x 3/4". Memory protection requires 9V battery. Remote requires four "AAA" alkaline batteries. U.L. listed AC operation. 43-248 . . . . . **299.95**



### Extra Announcement and Message Cassettes

Type	Recording Time	Cat. No	Each
Announcement	10 Seconds	43-405	5.95
Announcement	15 Seconds	43-403	5.95
Announcement	20 Seconds	43-401	5.95
Announcement	30 Seconds	43-402	5.95
Announcement	45 Seconds	43-404	5.95
Announcement	60 Seconds	43-406	5.95
Message	60 Minutes	43-410	2.39
Message	90 Minutes	43-411	2.49

NOTE: All DUÖFONE answerers include both an announcement and message cassette and are ready to plug into modular jacks—no wiring required.

# USEFUL ACCESSORIES FOR YOUR PHONE SYSTEM

## Pushbutton Multi-Line Console



**69<sup>95</sup>**

**NEW FOR '84**

- Select Any One Of Five Lines
- Place Calls On Hold
- LEDs Indicate Status
- Selectable Ringing

Increase the Versatility Of Your Phone System

Works just like the buttons on a multi-line phone. Adds the convenience of switching to single-line phones or other single-line devices like answering machines, dialers, and amplifiers. Selectable ringing lets you ring only a specific line, ring all lines (if your system has the common ringing feature), or not ring at all. Compatible with most standard 6-button telephone systems that use Amphenol-type connectors. 2 1/2 x 4 1/2 x 6". FCC registered. 43-241 . . . . . 69.95

## Two-Line Phone Controller With Hold



**29<sup>95</sup>**

**NEW FOR '84**

- Ideal for Homes With Business and Private or Adult and Children's Lines
- Put One Line on Hold While Answering the Other

Now you can use one single-line telephone, answerer, amplifier or other phone device with two separate lines. Ring and hold indicators. 3 1/2 x 2 x 3 1/4". FCC registered. 43-239 . . . . . 29.95

## Multi-Line Controller for Modular Phones



**39<sup>95</sup>**

Connects single-line equipment to standard multi-line phone systems. 5 x 2 1/2 x 2 3/4". FCC registered. 43-233 . . . . . 39.95

## Handy Pocket Tone Dialer

**24<sup>95</sup>** Saves You Money

Allows you to access low-rate long-distance services and other systems requiring "tone" signals—from any phone. Use it for Ham radio "auto-patch", too. 4 x 2 3/8 x 1 1/8". With batteries. 43-138 . . . . . 24.95

## Single-Line Phone Tap

**14<sup>95</sup>**

Increase the Versatility of Your System

The low-cost way to add a single-line answerer or dialer to Line-1 of your standard business phone. Easy and quick installation. 43-271 . . . . . 14.95

## Low-Cost Telephone Handset Amplifier

Boosts Caller's Voice

**19<sup>95</sup>** Phone not included

Attaches to most phones to boost caller's voice. Ideal for the hearing-impaired. Plug-in hookup to handset. 4 x 2 1/4 x 7/8". Requires 9V battery. 43-237 . . . . . 19.95



## Budget-Priced Portable Phone Listener

**9<sup>95</sup>** No Wiring Required

Amplifies calls so others can listen. With suction cup pick-up, volume control. 2 x 3 x 4 3/4". Requires 9V battery. 43-231 . . . . . 9.95



## Low-Cost Multi-Line Adapter

**NEW FOR '84**

**4<sup>95</sup>**

Provides 1 and A1 Supervisor Activation

Controls key system indicator lights when using single-line phones or other devices with multi-line systems. 43-117 . . . . . 4.95



## Snap-On Handset Amplifier

Attaches Easily To Earpiece

**11<sup>95</sup>**

Boosts caller's voice up to five times. Compact—goes anywhere. Volume control. With battery. 43-238 . . . . . 11.95



Multi-Line Items May Not Work With All Electronic Phone Systems. Telephones and Amplifiers May Not Be Compatible With Some Hearing Aids.

# MAKE RADIO SHACK YOUR TELEPHONE COMPANY™

## Pocket Pager for Personal or Business Use

**NEW FOR '84** Only **99<sup>95</sup>**

Plus Monthly Service Charge  
From Local Paging Service



- Perfect for Every Family Member
- Stay in Touch at All Times
- Be Alerted to Important Messages Wherever You Are

When someone dials your exclusive pager telephone number, you are alerted through your beeper to call for a message. If unit is in silent mode, memory stores call until you check it.

Not available in all areas  
Check with your local Radio Shack store for details.

## Lightweight Telephone Headset Leaves Both Hands Free

**69<sup>95</sup>**

**NEW FOR '84**

- Take Calls While Writing or Typing
- Adjustable Volume For Complete Comfort And Convenience



Ideal for receptionists, busy executives, sales people or anyone else who needs both hands free when talking by phone. Amplifier box has adjustable volume control and attaches easily to most modular handset cords. Includes regular and small foam earpieces, adjustable mike boom and six foot cord with "clothes clip".  
43-169 ..... 69.95

## Multi-Extension Recording Control

**24<sup>95</sup>**

Plugs Into Most  
Cassette Recorders



Tape phone conversations from any extension to help keep track of your calls. 2 1/2 x 2 1/2 x 1 1/4". FCC registered. 43-236 ..... 24.95

## Single-Phone Recording Control

**19<sup>95</sup>**

Keep a Complete Record  
Of Your Phone Calls



Plugs into remote mike jack of any portable cassette recorder. Starts and stops recorder automatically. Modular phone plug. 1 3/4 x 2 1/2 x 1 1/4". FCC registered. 43-228 ..... 19.95

## Telephone-Hold Module

**29<sup>95</sup>**

One Module Works for All the  
Extensions in Your Home or  
Office, On the Same Line

Adds the "hold" feature to all your phones. To put a call on hold, just tap the switchhook twice and hang up. Gives you six minutes to pick up the call on any extension. 4 1/2 x 2 1/2 x 1 1/4". U.L. listed. 43-232 ..... 29.95



## Pushbutton Lock

**7<sup>95</sup>** Fits Over  
Desk Phone  
Pushbuttons

Prevents unauthorized outgoing calls. With two keys. 43-116

## Ringer Silencers



On/off switch controls ringer. Easy to attach.

- A Phone Mount. 1" high. 43-125 ..... 6.95
- B Remote. On 7-foot cord. 43-126 ..... 7.95

## Automatic Phone Directories Save Time

Store Over  
300 Numbers  
**6<sup>95</sup>**

- ☐ Portable. 5 1/8 x 3 3/4 x 1 1/8". Requires two "AA" batteries. 43-112 ..... 6.95
- ☐ Desktop. 4 5/8 x 5 3/4 x 7 3/8". Requires two "C" batteries. 43-105 ..... 24.95



Forward/  
Reverse  
Push Key  
Operation

**24<sup>95</sup>**

## Telephone Rests

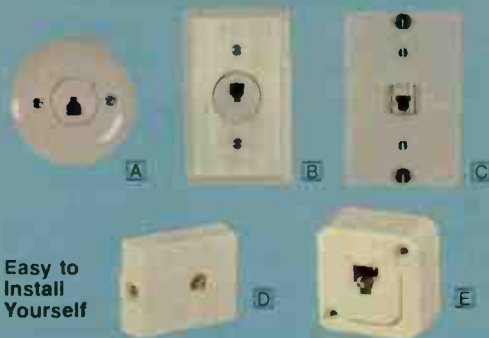
- Rest-a-Phone. Beige. 43-120 ..... 3.79
- White. 43-121 ..... 3.79
- Soft-Shoulder Rest. Beige. 43-122 ..... 4.99
- Almond. 43-123 ..... 4.99

**Stick-On Pen**  
Adhesive-mount back attaches to any smooth surface. 43-110 ..... 89c



# JACKS, PLUGS AND CORDS FOR PHONE FLEXIBILITY

## Wall Plates and Jacks



Easy to Install Yourself

Wall Plates. Flush mount a jack in any standard outlet for desk phones. With hardware.

<b>A</b> Round. 279-392	5.95
<b>B</b> Rectangular. 279-352	4.95
<b>C</b> Wall Phone Plate. Standard plate for use with modular wall telephones. 279-387	6.95
<b>D</b> Quick-Connect Jack. Convert wall block for modular plug. Spade terminals 279-355	2.19
Modular Jack. As above, with clips. 279-386	2.99
<b>E</b> Surface-Mount Jack. 279-353	4.95

## Accessories for Versatility



<b>F</b> Quick-Plug. Convert older phones for use in modular phone jacks. Accepts spade lugs or bare leads 279-375	2.49
<b>G</b> Duplex Jack. Couples two phones, phone and amplifier or phone and answerer from one jack. 279-357	4.95
<b>H</b> Inline Coupler. Extend your phone system by interconnecting two modular line cords 279-358	2.95
<b>I</b> Cord Adapter. Converts modular phone plug to 4-prong plug. Allows you to connect a modular phone to a 4-prong jack. 279-351	3.95
<b>K</b> Plug Adapter. Converts 4-prong plug to modular plug for use with newer installations. 279-393	3.95

## Modular Extension Cords



<b>L</b> 18-ft. Coiled Modular-to-Modular Line Cords. Satin, 279-395. White, 279-396. Brown, 279-397	5.95
<b>L</b> 18-ft. Coiled Modular Handset Cord. Satin, 279-361. White, 279-381. Brown, 279-378. Almond, 279-380	5.95
<b>M</b> 12-ft. Modular-to-Modular Line Cord. 279-374	4.95
25-ft. 279-356	5.95
<b>M</b> 5 1/4" Modular-to-Modular Adapter Cord. 279-390	1.19
<b>N</b> 25-ft. Extension/Converter Cord. Modular-to-spade lugs 279-364	5.95
<b>N</b> 12" Modular-to-Spade Line Cord. 279-391	1.29

## Dual-Jack Extension Cords

Modular plug at one end, dual jacks at other.

12-Ft. 279-373	6.95
25-Ft. 279-363	7.95



## Modular Duplex Wall Phone Adapter



NEW FOR 84

995

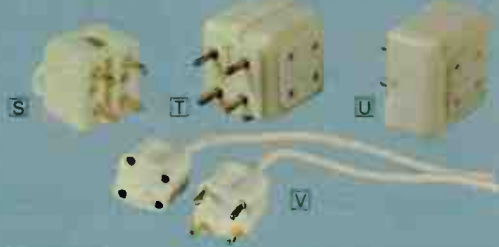
Lets you install your wall phone and accessory equipment. With hardware. Instructions 279-359

## Jacks and Terminal Blocks



<b>P</b> Quick-Connect Jack. Converts standard 42A phone terminal block to 4-prong jack. Spring contacts. Fastens over terminal block in place of cover. 279-368	2.19
4-Prong/Modular Jack. 279-360	6.95
<b>Q</b> 42A Connector Block. Standard telephone terminal block with screw terminals for spade lugs. 279-389	2.19
<b>R</b> 4-Prong Jack. Accepts standard 4-prong plug. With mounting hardware 279-367	1.19
Wall Plate 4-Prong Jack. 279-1507	2.59

## 4-Prong Plugs and Extensions



<b>S</b> Plug. Fits standard jack. 279-366	99c
<b>T</b> Dual Jack-in-a-Plug. Provides two jacks with a single plug 279-370	2.29
<b>U</b> Jack-in-a-Plug. Permits two "piggyback" connections to one jack. 279-369	1.89
<b>V</b> Extension Cords. Four-conductor with jack and plug 15-Foot. 279-1260	2.29
30-Foot. 279-1261	3.99

## Telephone Wiring Block



Install Your Own Wiring 795

Color-coded for easy hookup. Provides distribution or connecting point with two screw terminals for each of the four conductors. 279-394

## Modular Crimping Tool



795 249

**W** Crimping Tool. Makes it easy to install modular plugs on 4-conductor modular cable. For line cord only. 279-388

**X** Modular Line Cord Connectors. Use with tool, above 279-384

## Outdoor Phone Ringer

Easy to Install

2195

Use in Your Back Yard, Pool, Patio Or Garage



Now you can hear your phone ringing outdoors. Electronic "ring" sound can be heard for great distances. Volume control, built-in modular jack. Weather-resistant enclosure 279-376

## Extension/Replacement Bell

NEW FOR 84

1995

Real Bell Replaces Electronic Signal



Connects easily to any modular telephone. Automatically cancels out electronic ringer—no need to disconnect ringer in telephone. Or plug it into a separate outlet for use as an extension ringer. Not for party lines. 4 3/4 x 2 1/2 x 1 5/8". Phone line-powered. 43-175

## 4-Conductor Phone Cables

50-Ft. Modular. 278-365	5.49
100-Ft. Modular. 278-366	10.98
50-Ft. 24GA Solid. 278-372	5.49
100-Ft. 24GA Solid. 278-373	10.95
24GA Solid in Bulk Quantity. 278-1320	10c per Foot.

# ELECTRONICS FOR HOME SECURITY & CONVENIENCE



Available Oct. 15, 1983

## Amazing Home Monitor Lets You Know What's Going On While You're Away

Voice Synthesized!  
It Actually  
"Talks"

**NEW**  
FOR '84

**219<sup>95</sup>**

- Monitors Conditions in Your Home or Office—Checks for Power Failure, Temperature, Burglar and Smoke Alarms
- Automatically Calls Up to Four Telephone Numbers and Its Voice Synthesizer Delivers Plain English Messages
- Lets You Call From Anywhere to Check on the Status of Your Home or Office

**DUOFONE® Home Monitor.** A complete home or office "babysitter". Monitors that electricity is on, that temperature is within your pre-set limits, detects loud sounds such as smoke or burglar alarms—and up to three other conditions. If there are disruptions, Home Monitor phones you or another party—calls until message is received. You can even listen to your home through built-in microphone. States time and temperature, in English, upon command. Also functions as an 8-number automatic phone dialer. Battery backup powers unit up to fifteen hours if AC fails. Warns you in English if battery is low. Rests on flat surface or mounts on wall. Modular connector with 6-ft. cord. Not for coin or party lines. 2 x 7<sup>3</sup>/<sub>4</sub> x 8<sup>5</sup>/<sub>8</sub>". U.L. listed AC operation. Requires six "D" batteries for backup. 43-165 . . . . . 219.95

## Control Lights and Appliances by Phone



**99<sup>95</sup>**

**Long-Distance Remote Control!**  
Call Home or Office From Any Phone  
And Turn Lamps and Appliances On-Off!

- Give Your Home a "Lived In" Look While You're Away
- Light, Cool or Heat Your Home Before You Arrive

**Plug 'n Power™ Telephone Remote Control System.** Another Radio Shack breakthrough! Now you can phone from anywhere and turn on most 120VAC electric space heaters, window air conditioners and fans, start dinner in a microwave oven—even activate lights, a TV or a radio to discourage prowlers! Compact Remote Transmitter sends commands over the phone to your Telephone Remote Control Center, which plugs in standard telephone jack and AC outlet. The Control Center operates up to eight lights and appliances by sending a signal over your house wiring to Remote Control Modules (sold separately—see page 112). Control Center, 2<sup>1</sup>/<sub>4</sub> x 5<sup>3</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>2</sub>". Remote, 1<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>4</sub>", requires 9V battery. 43-151 . . . . . 99.95

## Battery-Powered Wired Intercom

**14<sup>95</sup>**

Pair

- With 66-ft. Cable
- For Desktop or Wall Mounting

Ideal for home, as well as campers, motorhomes and boats. Remote can signal Master even when system is "off". 1<sup>3</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>16</sub> x 4<sup>1</sup>/<sub>8</sub>". Requires 9V battery. 43-221 . . . . . 14.95



## 4-Station, Battery-Powered Wired Intercom

Save Time and Steps With  
The Push of a Button

**24<sup>95</sup>**

Set of 4



A "whole house" system. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Press Talk-Bar on any remote to signal master. Master, 1<sup>3</sup>/<sub>4</sub> x 4<sup>1</sup>/<sub>8</sub> x 4<sup>7</sup>/<sub>8</sub>". Remotes, 1<sup>3</sup>/<sub>4</sub> x 3 x 4<sup>1</sup>/<sub>8</sub>". With three 66-ft. cables. Requires 9V battery or AC adapter. 43-216 . . . . . 24.95

Radio Shack CitiLine, American Express, MasterCard and Visa Honored at Most Stores

105

# FM WIRELESS INTERCOMS—JUST PLUG 'N TALK

## “Telephone Style” 2-Station System

**NEW**  
FOR '84

**6995**  
Pair

- Simultaneous Communications With No Buttons to Push
- Designed for Privacy

Exciting new system uses two separate frequencies to send and receive—you can talk simultaneously, just like a telephone. Just lift handset off base to call. Pleasant “ringer” sounds at other station when handset is picked up. LEDs on each station blink when calling, steady-on when answered. No wiring—just plug into AC outlet. For desk use or wall mounting. 3<sup>1</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>4</sub> x 9". U.L. listed.

43-205 ..... Pair 69.95



## Our Finest, Most Versatile System! 3 Stations, 2 Channels



**12995**

Set of 3

- Automatic Squelch Cuts Noise
- PLL Circuit Locks Stations On-Channel

Easy to install—just plug into AC outlets at desired locations and talk! Two channels let you talk with either station without disturbing the other. Automatic squelch keeps stations silent until called. Each station has Call-Tone and Talk controls. Lock switch for hands-free talking or monitoring, volume control, channel selector, plus LED “talk” and “receive” indicators. 1<sup>3</sup>/<sub>4</sub> x 6<sup>1</sup>/<sub>2</sub> x 5<sup>1</sup>/<sub>2</sub>". U.L. listed. 43-214 ..... Set of 3/129.95

## 3-Station, 2-Channel System With “Call-Tone” Signal

**9995**

Set of 3

Adjustable Squelch  
For Noise-Free  
Operation

Top value! Talk with either station without disturbing the other. Lock position provides hands-free talking or continuous monitoring. Call-Tone button, channel selector and volume control. For desk use or wall mounting. 1<sup>3</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>2</sub> x 6<sup>7</sup>/<sub>8</sub>". U.L. listed.

43-217 ..... Set of 3/99.95



## Deluxe 2-Station With Lighted Talk-Bar

**6995**  
Pair

A real step-saver system. And easy to use—just press Talk-Bar to speak, or Lock Bar for hands-free talking or continuous monitoring. Lighted Talk-Bar doubles as nightlight. Each station has volume control, Call-Tone button and adjustable squelch. Ideal for desktop. 1<sup>3</sup>/<sub>4</sub> x 6<sup>3</sup>/<sub>4</sub> x 4<sup>3</sup>/<sub>4</sub>". U.L. listed. 43-212 ..... Pair 69.95



## Exciting Value in a 2-Station System

**4995**  
Pair

Compact—Ideal for Desk Use or Wall Mounting

Reliable communication at a bargain price! Easy-to-install—just plug into AC outlets. Call-Tone alerts other station. Lock position for hands-free talking or continuous monitoring. Volume controls, LED “on” indicator. 1<sup>7</sup>/<sub>8</sub> x 5<sup>7</sup>/<sub>8</sub> x 4". U.L. listed. 43-207 ..... Pair 49.95



## Wireless FM Monitor System Doubles As a Convenient One-Way “Intercom”

**2995**  
Set

Keep an “Ear” on a Child's Room While You Are Cooking, Cleaning or Just Relaxing

A low-cost monitoring system that lets you “babysit” from another room. And you can use it as an intercom for one-way messages—ideal for shut-ins. FM system minimizes interference—receiver remains silent until transmitter picks up sound. Transmitter has on/off switch. Receiver has on/off volume control. No wiring needed—just plug in. 1<sup>7</sup>/<sub>8</sub> x 3 x 3<sup>7</sup>/<sub>8</sub>". U.L. listed. 43-208 ..... Set 29.95



# WIRELESS SECURITY SYSTEMS FOR A SAFE HOUSE®

## Value-Priced Perimeter-Type Alarm System for Whole-House Protection

### 99<sup>95</sup>

Includes Main Alarm and One Door Transmitter

- Fully Expandable—Just Add More Transmitters Anytime
- Easy Installation—No Wires
- Loud Built-In Alarm Speaker



Perimeter protection—recommended by professionals. Plug Receiver/Central Alarm into AC outlet, place transmitters at doors and windows—no wires to connect. If an intrusion attempt occurs, system sounds loud alarm. Or add a super-loud indoor/outdoor siren. Auto alarm shutoff/reset. Exit/entry delay is selectable at each transmitter. Two channels let you "zone" the system.

Receiver: 3 1/4 x 10 1/4 x 5". U.L. listed AC operation with battery backup (requires eight "AA" alkaline batteries). Transmitter: 6 x 1 3/8 x 1 1/8". Requires 9V battery. 49-410 . . . . . 99.95

Extra Transmitter. Requires 9V battery. 49-411 . . . . . 29.95

Two-Sound Indoor/Outdoor Siren. 49-488 . . . . . 16.95

## Our Best! Perimeter Burglar Alarm System is Microprocessor-Controlled

### 159<sup>95</sup>

Includes Main Alarm, One Door Transmitter

- No Wires to Run from Transmitter to Main Alarm Control
- Design Your Own Highly Effective "Total" Security System

Plug Receiver/Central Alarm into AC outlet and place transmitters at doors and windows. Features loud built-in alarm, or add a super-loud Indoor/Outdoor Horn (below). Automatic alarm shutoff and reset. Program your own "disarm code" and an exit/entry delay time. Two channels let you "zone" the system. Six LEDs show functions. Receiver: 3 1/4 x 10 1/4 x 6 1/2". U.L. listed AC operation with battery backup (requires six "C" batteries). Transmitter requires 9V battery. 49-401 . . . . . 159.95

Extra Transmitter. Requires 9V battery. 49-402 . . . Each 29.95

Outdoor Alarm Horn. 49-500 . . . . . 27.95

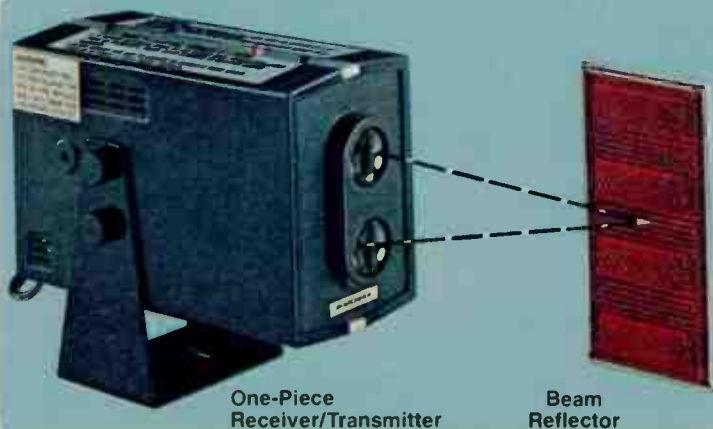


Expand Anytime With More Transmitters

## Announcer With Invisible Infrared Pulsed Beam

### 69<sup>95</sup>

Works as an Announcing System for People Entering a Given Area—Activates Built-In Buzzer When Beam is Broken



One-Piece Receiver/Transmitter

Beam Reflector

Round-the-clock protection at a low price! Shoots a beam of invisible infrared light across a space of up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound momentarily, continuously with manual reset, or sound for ten seconds after beam is broken, then reset. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell or siren. 4 1/8 x 3 x 7 1/4". With adjustable mounting bracket. U.L. listed AC operation. 49-201 . . . . . 69.95

# RADIO SHACK SECURITY FOR YOUR HOME AND FAMILY



## Door-Hanger Alarm



**995**

For Use on Most Wooden Doors

An inexpensive way to keep safe! Hooks over the inside of any doorknob and sounds loud, piercing alarm to warn of opening or tampering. Adjustable sensitivity. For wood doors only. 4 3/4 x 2 3/8 x 1 3/8". Requires 9V alkaline battery. 49-461 . . . . . 9.95

## Solid-State Electronic Door Window Alarm

**1195**

- Easy to Install
- Entry/Exit Delay
- Key-Operated On/Off

Low-cost protection! Loud, shrill sound scares intruders. 5 1/8 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-421 . . . . . 11.95



## Combination Door Alarm and Entry Chime

**2495**

- Arms With Secret Keyboard Code
- Exit/Entry Delay
- Easy to Install

Alarm protection, plus a pleasant-sounding chime that "announces" callers. 6 5/8 x 2 3/4 x 1 1/4". Requires 9V alkaline battery. 49-422 . . . . . 24.95



## Wallet/Purse Personal Alarm



**695**

"Mini" Alarm Unit Clips Onto Belt—Emits Loud, Piercing Sound if Wallet is Removed



Card inserts into wallet or purse. If thief attempts to remove wallet or purse, alarm sounds. On/off switch. Requires two "AAA" batteries. 49-601 . . . . . 6.95

## Personal Hand-Held Alarm



**NEW FOR '84**

**395**

Pull Attached Cord To Set Off Loud, Piercing Alarm

Fits comfortably in your hand or pocket for go-anywhere portable protection. Or place it inside purse with cord wrapped around wrist—if purse is snatched, the alarm sounds as key is removed. Requires 9V alkaline battery. 49-611 . . . . . 3.95

## Hand-Held Personal Alarm for Portable Security

**995**

Carry it With You Or Attach It To a Door



Alarm activator bar and wrist strap for outdoor use, plus a door attachment. Alarm sounds up to one hour. Requires 9V alkaline battery. 49-610 . . . . . 9.95

## Window/Door Alarm



**349**

Install Several

Loud built-in alarm. Includes mounting screws and adhesive backing. Requires two "AA" batteries. 49-494 . . . . . 3.49

## Personal Powerhorn®



**595**

Use to Summon Aid

Fits in purse or pocket. Can be heard up to 1/2-mile away. 49-600 . . . . . 5.95

## Window/Door Slide Stop

**99¢**

Halts Burglars!



Prevents opening sliding windows or doors. Position stop for any size opening. 49-540 . . . . . 99¢

## AC-Failure Light



**1595**

Turns on when AC fails, operates up to 90 minutes. Battery recharges automatically. Plugs directly into AC outlet. U.L. listed. 61-2645 . . . . . 15.95

## Night Light



**OK 350 NEW LOW PRICES**

**595** Was \$6.29 in 1983 Catalog

Turns on automatically at dusk. Gets brighter with darkness, turns off at dawn. Ideal for halls, baths. 4 1/4 x 1 1/2 x 1 1/4". U.L. listed. 61-2646 . . . . . 5.95

## Ionization Smoke Detector and Alarm

**1695**

- No AC Power Required
- Low-Battery Warning Circuit

Sensitive, battery-powered detector continuously monitors the air. Responds quickly to smoke or invisible combustion particles by sounding a loud, built-in alarm. 7" dia. x 2" thick. Battery lasts up to one year. Includes mounting hardware. U.L. listed. 49-455 . . . . . 16.95



Attaches to wall



... or to ceiling



Includes 9V battery

## Portable Smoke Detector and Alarm

**1995**

Includes 9 Volt Battery—No AC Power Required



For Home or Travel

Don't take chances when you travel—fits easily in a suitcase or traveling bag. Responds quickly to smoke and invisible combustion particles with loud, built-in alarm. Includes adjustable bracket for easy mounting on door. U.L. listed. 49-456 . . . . . 19.95



# EASY-TO-INSTALL MOTION-DETECTOR SYSTEMS

## Our Best—Passive Infrared Motion Sensor

**NEW  
FOR '84**

Exclusive  
Radio Shack  
Breakthrough!

**149<sup>95</sup>**

- Latest Technology Protects by Detecting the Body Heat and Motion of the Intruder
- Covers 20-Ft. Wide by 30-Ft. Long Area

Loud internal or optional external alarm sounds when protected area is violated and resets. Arm or disarm from keyboard using your secret code, or may be remotely armed. 30-second exit/entry delay. "Walk-Test" lets you define protection area. 24-hour panic circuit sounds alarm instantly. Simulated walnut. 3<sup>3</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>4</sub>". Battery Backup powers system if AC fails (requires eight "C" batteries). Can be used with optional perimeter accessories. U.L. listed. 49-305 . . . . . 149.95



**Dual Protection!  
Passive Infrared Plus Perimeter**

## Deluxe Ultrasonic Motion Detector— Also Usable as Perimeter System

**99<sup>95</sup>**

- Automatic Shutoff and Reset
- 30-Second Exit/Entry Delay
- 24-Hour Panic Alarm Circuit
- Battery Backup In Case of AC Failure
- No Wiring—Just Plug In and Aim

Reliable security protection without complicated installation. Arms and disarms by a keyboard code that you set. "Walk-Test" defines protected area, up to 20 × 30 feet and sounds a loud, built-in alarm or optional external siren or bell. Can be used with optional perimeter accessories. Simulated walnut finish. 3<sup>3</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>4</sub>". U.L. listed.

49-304 . . . . . 99.95



**Dual Protection!  
Ultrasonic Plus Perimeter**

## Ultrasonic Motion-Sensor Alarm System



**69<sup>95</sup>**

- No Installation—Just Plug In and Aim
- Loud Built-In Alarm • "Walk-Test" Lamp

Protects a 20 × 30-foot area. Motion triggers built-in alarm or optional super-loud siren or bell. Alarm sounds instantly or with 15-second delay. Adjustable sensitivity, remote on/off, 10-second exit delay, battery backup provision. Simulated walnut. 2<sup>3</sup>/<sub>4</sub> × 9<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>4</sub>". U.L. listed. 49-303 . . . . . 69.95

## Low-Cost Portable Ultrasonic Alarm



**NEW  
FOR '84**

**39<sup>95</sup>**

- Detects Intruders Up To 25 Feet Away
- No Installation

Use it on trips or at home. Alarm sounds 3 minutes, then resets. 35-sec. exit delay, switchable entrance delay. Sensitivity control. Low-battery indicator. Simulated walnut. 2<sup>7</sup>/<sub>16</sub> × 7<sup>1</sup>/<sub>16</sub> × 4<sup>1</sup>/<sub>8</sub>". Requires 9V alkaline battery. 49-306 . . . . . 39.95  
AC Adapter. U.L. listed. 273-1455 . . . . . 6.95

There's a Radio Shack Store or Dealer Near You—Wherever You Are

109

# RADIO SHACK ALARM SYSTEMS FOR A SAFE HOUSE

**9995**

**Low-Cost, Whole-House Protection for Your Family, Home and Property! Easy Do-It-Yourself Installation**

- Expandable—Add Your Choice of Security Accessories
- Custom Design Your Own Alarm System

Protect your property with the same type of system used by professionals! The features you need are built into the control panel—you can add alarm bells, sirens and strobes, key locks, security dialers, vibration and glass-breakage detectors or motion sensors—any of the open or closed-circuit security devices on page 111. There are two "loops"—one instant, and one with adjustable 0-45 second entry and exit delays. You can add up to ten arm/disarm key switches for entrances. There's even a panic switch circuit that's armed 24 hours for emergencies. Alarm shuts off after five minutes, then resets automatically. System is powered by a low-voltage stepdown transformer that plugs into 120VAC outlet, and has battery backup in case of AC failure. Four LED indicators in the all-steel control panel indicate system status at a glance. Power-on and arm/memory LEDs assure that the system is armed and working properly. The loop indicator lights when all detectors are in their normal state, and lets you know if you left a window or door unprotected. Separate battery and bell test buttons and battery indicator. 117/16 x 8 1/4 x 3 9/16". Backup requires eight alkaline or ten rechargeable nickel-cadmium "C" batteries. U.L. listed. 49-450 . . . . . 99.95

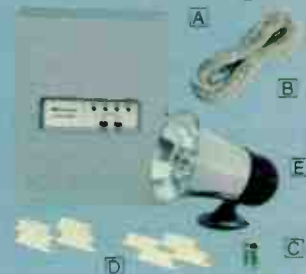


24-Hour Protection

## Complete Alarm System Package

Reg. Separate Items 146.30

**129<sup>95</sup>** **Save \$16<sup>35</sup>**



- A Alarm System Panel
- B 100 Ft. of Twisted Wire
- C High-Security Key Lock
- D Four Magnet Switches
- E 2-Sound Electronic Siren

## Protect Your Valuable Automotive Investment With Mobile-Alert® Systems

**"Silent" Alarm With Pocket Receiver**

**ONE OF OVER 350 NEW LOW PRICES** **89<sup>95</sup>**

Was \$99.95 in 1983 Catalog

**You Hear Alarm Up to 1/2-Mile Away—The Thief Doesn't**

Mini-transmitter installs under dash and connects to radio antenna, sensors mount on door post—signals pocket-alarm receiver when your car is tampered with. Receiver, 4 x 2 x 1" Requires two "AA" batteries. 12VDC neg. gnd. 49-491 . . . . . 89.95



**Keyless Alarm System With Motion Sensor**

Senses opening of hood, trunk, doors—Warns of Tampering  
Intrusion or motion triggers loud 3-minute alarm, then resets. Automatically arms itself 40 seconds after last door is closed. 20-second entry delay. Control module sensor, cables and hardware. 12VDC neg. gnd. 49-762 . . . . . 49.95



Was \$59.95 in 1983 Catalog

**ONE OF 350 NEW LOW PRICES** **49<sup>95</sup>**

**Keyless Vehicle Alarm System**

**NEW FOR 84** **29<sup>95</sup>**

**No Keys or Switches to Lose or Forget—Armed After Last Door is Shut**

Protection at a bargain price! Alarm delivers penetrating sound that can be heard for blocks. 20-second entry delay and 40-second exit delay. With trunk and hood switches, wire, hardware and manual. 12VDC neg. gnd. 49-781 . . . . . 29.95



**Design and Install Your Own Alarm System**

Available Sept. 30, 1983

**NEW FOR 84** **19<sup>95</sup>**



Uses your car's horn or an optional electronic alarm. Automatically arms itself after last door is closed. 20-second entry delay. Alarm output handles 12VDC at 15A. With instruction manual and wire. Add accessories below to complete your system. For 12VDC neg. gnd. 49-751 . . . 19.95

**Hide A Key**  
**69<sup>c</sup>**



No more lockouts! Grips any flat magnet-holding surface. Get two—for home and car! 49-050 . . . 69c

**Extra Pin Switches**

**289**  
Pkg. of 2



For hood, trunk or doors. Can be used with any system on this page. 49-509 . . . . . 2/2.89

**Low-Cost Motion-Detector Switch**

**Sense Movement** **499**

Mounts easily under hood and can be added to any of the systems above except #49-762. Adjustable sensitivity. Normally open circuit. 49-520 . . . . . 4.99



# SHOP SHACK® FOR ALARM SYSTEM ACCESSORIES

## Switches and Spacers

**A** Contacts close when magnet engages. U.L. listed 49-495 . . . 3.49

**A** Contacts open when magnet engages. U.L. listed 49-512 . . . 3.99

**B** Spacers. Use with above on metal doors or uneven surfaces. 49-519 . . . Pkg. 6/99c



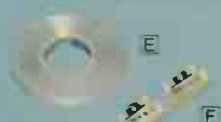
## Magnetic Switches



**C** Mini. Contacts close when magnet engages. U.L. listed 49-497 . . . 3.99  
**D** Concealed. Mounts inside door or window frame. U.L. listed. 49-496 . . . 3.99

**NEW FOR 84**

## Foil and Block Connectors



**E** Foil. Connects to alarm and glass. 120-foot x 3/8" roll. 49-502 . . . 5.99  
**F** Connectors. Adhesive. 49-504 . . . 3 Pair/2.59

## Foil/Vibration Contact



**399**  
 For Windows, Door Frames  
 Mount half on window or door, other half on frame. Allows normal door/window use. 49-518 . . . 3.99

## Glass Breakage Detector



**795**  
 Guards up to 32 square feet of glass. For open or closed circuit alarms. Adhesive backing. U.L. listed. 49-516 . . . 7.95

## Vibration Detector



**395**  
 Detects impact vibration on any surface. Adjustable sensitivity. For N.C. circuits. Tamper-proof case. U.L. listed. 49-521 . . . 3.95

## Contact Switch

**350**  
 OVER NEW LOW PRICES

**129**

Was \$1.79 in 1983 Catalog

For Windows, Door Frames

Contacts close when plunger is depressed. With screw terminals, mounting hardware. U.L. listed. 49-513 . . . 1.29



## Pressure Mat



**1095**

For use in or outdoors—conceals easily under rug, mat, carpet. For N.O. circuits. 1 amp at 25VDC. 6 x 24". 49-522 . . . 10.95

## Panic Switch



**149**

Triggers Instant Alarm

Pushbutton activates alarm system in emergencies. For normally open circuits. Contacts close when button is pushed. 49-517 . . . 1.49

## Tamper Switch



**NEW FOR 84**

**139**

Protects alarm panels, siren or bell boxes from tampering. Contacts open when plunger is depressed. For N.O. circuit loops. 49-528 . . . 1.39

## 2-Conductor Twisted Wire



**549**

Perfect for use in making alarm system connections. 22-gauge. 100 feet. 278-860 . . . 5.49

## Warning Decals



Pkg. of 5  
**99c**

Vinyl, adhesive decal warns everyone you're protected by Radio Shack security system. Mounts on inside of glass. 49-507 . . . Pkg. of 5/99c

## Lock Switch With Cover



**469**

Spring-loaded cover, screw terminals. With two keys. Ideal for car, home or business alarms systems. 49-515 . . . 4.69

## High-Security Round Lock Switch



**995**

Key removes in "on" or "off" position. Comes with two keys. 49-511 . . . 9.95  
 As above, but momentary contact. 49-523 . . . 9.95

## Remote Key Plate



**595**

For Most Keyswitches

Red and green LED system status indicators, tamper switch. For 6 and 12VDC. With mounting hardware. 49-524 . . . 5.95

## 8" Alarm Bell



**350**  
 OVER NEW LOW PRICES  
 Was \$22.95 in 1983 Catalog

**1995**

Loud, heavy-duty bell for signaling or alarms in homes, schools, factories. 1A, 12VDC. U.L. listed. 49-498 . . . 19.95

## Electronic Siren

**350**  
 OVER NEW LOW PRICES

**1695**

Sale and use of sirens for mobile use is prohibited in Calif. and certain other states.

Dual sound—loud rise-fall or steady. Weatherproof. Requires 1/2A, 12VDC. 49-488 . . . 16.95

## Hi-Power 2-Sound Siren



**3995**

Loud rise-fall or steady sound. 1A at 6 to 12VDC. Adjustable base. Weatherproof. 49-525 . . . 39.95

## Passive Infrared Motion-Sensing Head

### Latest Technology

Detects intruders' motion by sensing their body heat. Compact sensor mounts on the wall. For use with #49-450 Alarm System. Covers area up to 35 feet long, 20 feet wide. Connects to closed circuit loop. Has N.O. tamper switch. Switchable walk-test LED indicator to determine area of coverage. Requires 12VDC at 20mA. U.L. listed. 49-530 . . . 69.95



**NEW FOR 84**

**6995**

Works With Most Wired, Some Wireless Alarm Systems for Added Protection

## Security Strobe Light



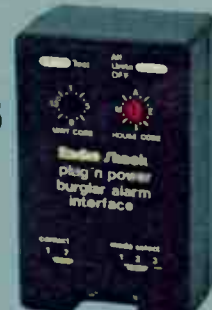
**NEW FOR 84**

**1995**

Brilliant Strobe is Visible Even in Fog

Indicates where alarm is coming from and helps police or fire department locate your home quickly. Waterproof for outdoor use. 100,000 candlepower. Requires 12VDC at 0.2A. U.L. listed. 49-527 . . . 19.95

## Interface Module



**NEW FOR 84**

**3995**

Turns On Lights to Scare Off Intruders

Turns on lights and other modules when alarm sounds. Use with Plug 'n Power™ modules on page 112. Works with any Radio Shack and most other alarm systems. U.L. listed. 49-526 . . . 39.95

# CONVENIENT WIRELESS REMOTE CONTROL SYSTEMS



Take Command of Lights and Appliances All Around Your Home

## Deluxe Remote Control Timer Center With Battery Backup and Battery Test Features



**69<sup>95</sup>**

- Instantly Sends On/Off Commands at The Times That You Easily Preset
- Just Plug In—Uses AC House Wiring
- Built-In Digital-Display Clock

### Battery Backup

During power failures, batteries keep the timer running and prevent loss of times programmed in memory. Battery Test button allows testing without removing batteries.

Solid-state timer automatically controls up to eight electrical devices around your home. It can wake you up, start the coffee maker, turn outdoor lights on or off and much more! Just plug appliances and lights into Modules (below), then into AC outlet. Program each device to turn on or off at the same time each day or vary times for an at home look. Instantly turn all lights on in emergencies, or turn all lights and appliances off. 3 1/4 x 5 1/8 x 5 3/16". Requires four alkaline "AA" batteries for backup. U.L. listed. 61-2679 . . . . . 69.95

## Remote Control Center Operates Electrical Devices With the Touch of a Button



**39<sup>95</sup>**

Priced for Any Budget and Easy To Use—Works With All Plug 'n Power™ Modules

Remote Control Center. Command up to 16 lights or appliances remotely from anywhere in your home. You can use as many control centers as you wish, because there's no wiring to install. Allows you to turn on lights before entering a room, and even adjust their brightness. All lights on, all-off control doubles as panic switch in emergencies. Also controls TV, stereo and appliances—almost anything in your home. To use, just connect Modules (below) to lights or appliances, then plug into AC wall outlet. 4 3/4 x 3 1/2 x 3 1/2". U.L. listed. 61-2680 . . . . . 39.95

## Plug 'n Power™ Remote Control Modules for Lights and Appliances



**Appliance Module**

**16<sup>99</sup>**

All Modules Are U.L. Listed

Turns appliance on and off. Resistive load: 15A, motor load: 1/3HP, incand. lamp: 500W. 61-2681 . . . . . 16.99



**Lamp Dimmer Module**

**16<sup>99</sup>**

For incandescent lamps rated up to 300 watts. Functions include on, off, brighten and dim. 61-2682 . . . . . 16.99

**Wall Switch Module**

**17<sup>99</sup>**

Replaces standard wall switch. For incandescent lamps up to 500W. On/off by remote or local control, brighten and dim by remote. 61-2683 . . . 17.99



**Universal Appliance Module**

**17<sup>99</sup>**

For appliances with 3-prong grounded plug. Television: 400 watts maximum. Other ratings same as Appliance Module. 61-2684 . . . . . 17.99



# AC ADAPTERS & CONVERTERS FOR FOREIGN POWER

## AC Adapters for Radio Shack\* Equipment

- Save Your Batteries—Use These Adapters When AC is Available
- All Feature 6-Ft. Cords And are U.L. Listed
- \*And many other brands

Low As  
**495**

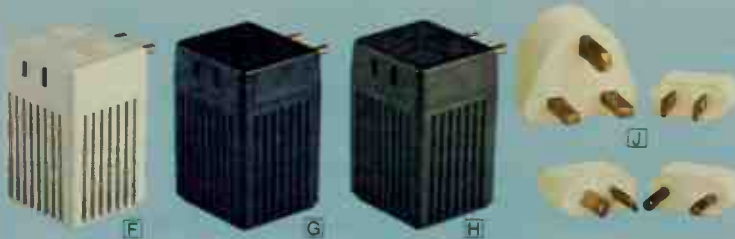


These modules convert 120VAC house current to the DC power required by most portable radios, tape recorders, calculators and many electronic games. Compare your device's power requirements and input connector with the list below.



- A** 9VDC at 300mA. Connector: coaxial "barrel type" plug, outside dia. (O.D.): 5mm, inside dia. (I.D.): 2.1mm. 273-1455 ..... 6.95
- B** 6VDC at 150mA. Connector: coaxial plug, O.D.: 5mm, I.D.: 2.1mm. 273-1454 ..... 5.95
- C** 9VDC at 25mA. Connector: submini-type phone plug. 273-1431 ..... 4.95
- D** 3VDC at 200mA. Connector: submini-type phone plug. 273-1435 ..... 4.95
- E** 9V Battery Eliminator. 25mA. Connector: snap-type as used on 9V rectangular batteries. 270-1552 ..... 4.95

## Converters for Foreign AC Power



Low As  
**1395**

- Compact Size • Overload Protected
- Use Your 110/120VAC Appliances From 220/240VAC Power Throughout the World

**F** 50-Watt Converter Transformer for Electronic Equipment. Converts 220/240VAC to 110/120VAC to operate cassette recorders, radios, most photoflash units and battery rechargers, calculators and appliances up to 50 watts. 9 1/2 oz. 1 5/8 x 2 5/8 x 1 1/4". With carrying pouch. 273-1401 13.95

**G** 1000-Watt Converter. Allows use of 110/120VAC non-motorized heating appliances from 220/240VAC. For toasters, irons, curlers, curling irons, heating pads, electric blankets, steamers, contact lens sterilizers, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 1/2 x 1 1/2". With carrying pouch. 273-1402 ..... 14.95

**H** 1600-Watt Converter. Allows use of 110/120VAC heating appliances from 220/240VAC. For hand-held hair dryers with universal (AC/DC) motors, irons, electric blankets, steamers, contact lens sterilizers, manicure sets, immersion heaters, toasters, incandescent lamps and food/bottle warmers. 3 oz. 3 1/2 x 1 7/8 x 1 7/8". With carrying pouch. 273-1404 ..... 18.95

**J** Plug Adapters (Set of 4). Connect your foreign voltage converter to almost any wall outlet anywhere! With vinyl pouch. Must be used with one of the voltage converters, above. 273-1405 ..... Set, 7.95

**IMPORTANT NOTE!** These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, hooded hair dryers, slide projectors or permanently installed equipment. Not for continuous use. Will NOT work with DC (direct current). 1600-watt and 1000-watt converters should NOT be used with transformer-operated devices.

## Value-Priced Universal AC Adapter



**NEW FOR '84** 1195

- Powers Most Portables That Have a Jack for External DC
- Five Output Voltages With Reversible Polarity—3, 4.5, 6, 7.5 and 9VDC

If you have a variety of battery-powered devices, you can save on batteries and the expense of buying different adapters. Includes six "Adaptaplugs"<sup>™</sup>—mini-plug, submini plug and four "barrel-type" coaxial connectors. Delivers up to 300mA current. With 6-foot cord. U.L. listed. 273-1650 ..... 11.95

## 9VDC Adapter



**895**

Converts 120VAC to 9VDC power required by many portable recorders, radios, video games and more. With one "barrel" and one mini-plug. 500mA. U.L. listed. 273-1651 ..... 8.95

## 12VDC Adapter



**995**

Converts 120VAC to 12VDC for many video games, portable cassette and B&W TVs, hand-held transceivers and more. With mini-plug and three "barrel" connectors. 500mA. U.L. listed. 273-1652 ..... 9.95

## Micronta® 12VDC Power Supplies

Convert 120VAC House Current To 12 Volts DC



Regulated  
**3495**

Unregulated  
**2695**

Regulated 12VDC Supply. Operates most 12 to 14-volt DC devices from 120VAC. Ideal for use with CB and Ham transceivers and as a bench supply. 2.5 amps continuous load at 13.8VDC. 5-amp surge. Push-to-reset circuit breaker. Sturdy metal cabinet. 2 1/2 x 4 1/2 x 6 3/4". U.L. listed. 22-124 ..... 34.95

12VDC Supply. Similar to above but unregulated. 1.75-amp continuous load, 5 amp surge. Circuit breaker protected. U.L. listed. 22-127 ..... 26.95

**→ ARCHER →**

# Color Supreme II

**Three Antennas  
In One!  
VHF • UHF • FM**

**Get Maximum Signal Reception in Any Area!**

**VU-190**  
89<sup>97</sup>

**VU-160**  
69<sup>97</sup>

**VU-120**  
56<sup>97</sup>

**VU-110**  
43<sup>97</sup>

**VU-90**  
35<sup>97</sup>

**VU-75**  
26<sup>97</sup>

**VU-60**  
17<sup>97</sup>

**\$3.99 Value**

Signal Splitter Included!  
Separates VHF-UHF-FM Outputs,  
Only One Down-Lead Required

**For All TV Channels, 2-83, Plus FM and FM Stereo**

- Gold-Alodized® Finish Fights Corrosion and Resists Weathering
- 60° "Swept-Design" VHF Elements Aid Signal Pickup and Transfer, And Withstand Strong Winds and Icing
- Fully Preassembled—It's Easy to Install It Yourself and Save



High-Tensile Strength Aluminum for Long Life



Snap-Out Brackets For Easy Installation



UHF Yagi and Corner Reflector Combination



Air-Insulated Multiple Drive System



Strong Square Boom With "No-Tilt" Clamp



Heavy-Duty, High-Impact Molded Insulation

We manufacture our own antennas here in the USA, so you can be sure they're top quality. Our dynamic Color Supreme II Series features wide-swept elements for more TV/FM signal pickup in any area. Exclusive design delivers life-like color and crisper black-and-white on UHF/VHF-TV channels 2 to 83—even those "hard-to-get" stations. Delivers better FM channel separation and cleaner sound for your stereo system, too! Factory preassembled—easy "fold-open" assembly so you can install it yourself.

**There's a Color Supreme Just Right For Your TV or FM Reception Area**

Archer Model	Range in Miles*			Boom Length	No. of Elem.	Cat. No.
	VHF	UHF	FM			
VU-190	190	120	100	160"	48	15-1646
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641
VU-60	60	40	40	40"	13	15-1640

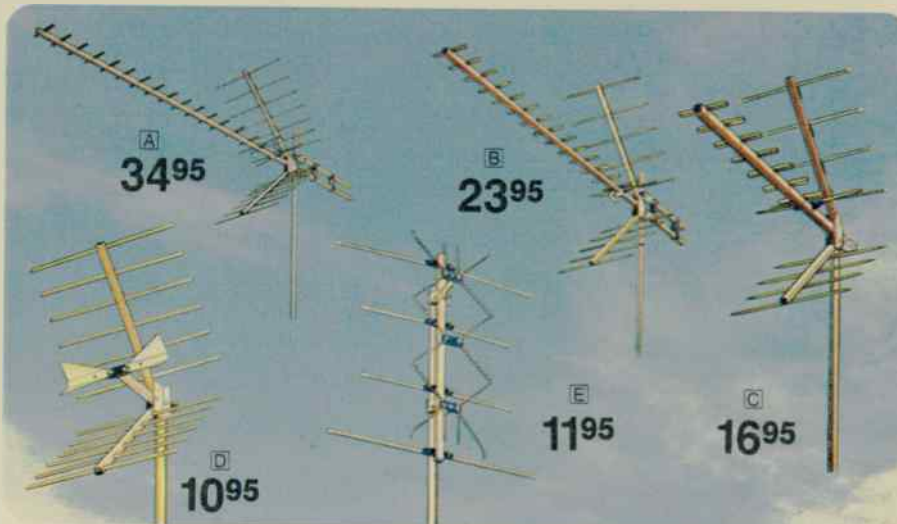
\*Estimated Ranges, Based on Reception Over Flat, Open Terrain—Masts Not Included

# ARCHER ANTENNAS IMPROVE TV/FM RECEPTION

## Exclusive Design For Channels 14-83

- Gold-Alodized Finish Fights Corrosion
- Air-Insulated Multiple Drive System
- 60° "Swept-Wing" Design Increases Signal Pickup in Any Area

- A** U-120 Corner-Reflector Yagi—Up to 120 Miles\*. 33 elements, 100" square boom, self-locking snapout elements. Preassembled. 15-1662 ..... 34.95
- B** U-100 Corner-Reflector Yagi—Up to 100 Miles\*. 25 elements, 80" square boom, self-locking snapout elements. Preassembled. 15-1661 ..... 23.95
- C** U-75 Corner-Reflector Yagi—Up to 75 Miles\*. Narrow pattern, 16 elements, 40" boom, snapout elements. Preassembled. 15-1660 ..... 16.95
- D** Corner Reflector—Up to 50 Miles\*. Cuts airplane "flutter". Preassembled. 15-1629 ..... 10.95
- E** Multi-Bay "Bow-Tie"—Up to 70 Miles\*. 30" boom. Preassembled. 15-1627 ..... 11.95



## Aim Your Antenna for the Best Picture

**59.95** Maximizes TV/FM  
Signal Strength

**Archerotor®.** Aim your antenna for improved reception. Motor brake resists movement in high wind. Accepts 1 1/4 to 1 3/4 dia. masts. Requires 3-conductor rotor cable (below). 15-1225 ..... 59.95

## 20-Gauge Rotator Cable

No. of Conductors	Length in Ft.	Cat. No.	Per Roll
3	50	15-1149	4.49
3	100	15-1150	7.79
5	100	15-1201	9.95

## Custom-Designed for Better VHF-TV and FM Reception



Engineered exclusively for better VHF-TV reception on channels 2 to 13, plus FM stereo or mono. Air-insulated multiple drive system and 60° "Swept-Wing" design improve signal pickup. Self-locking snapout elements. Preassembled for easy installation.

Archer Model	Range in Miles*		Boom Length	No. of Elem.	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-110	110	80	80"	14	15-1652
V-90	90	60	50"	10	15-1651

## Antennas for Improved FM/FM Stereo



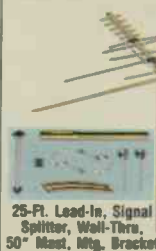
- F** Triple-Drive 6-Element Directional—Up to 110 Miles\*. High gain to pick up distant stations clearly. Gold-alodized to resist corrosion. Preassembled. 15-1636 ..... 16.95
- G** Omnidirectional Outdoor—Up to 50 Miles\*. Gold-alodized finish, strong square boom. Preassembled. 15-1639 ..... 11.95
- H** Omnidirectional Attic/Outdoor—Up to 35 Miles\*. Gold-alodized to fight corrosion. Preassembled to install yourself. 15-546 ..... 6.95

## Complete VHF/UHF/FM Mobile Antenna Package

**28.95**

- No Extras to Buy
- Sets Up Quickly and Easily
- Folds Down Flat for Travel

Perfect for boats, motorhomes, trailers. Snap-lock elements of rugged aluminum alloy to resist high winds, corrosion. Wall-thru insulator prevents water leaks. With hardware. 15-1613 ..... 28.95



## Car/Van Mobile VHF-TV Antenna

**29.95**

- Heavy-Duty Chrome-Plated Dipole
- Mounts Easily on Gutter or Window

Lets you enjoy clear TV reception of channels 2 to 13 in your car, limo, truck or van. Outperforms built-in antennas. Comes with mounting hardware and instructions—everything you need to install it yourself. 15-1610 ..... 29.95



\*Estimated Ranges, Based on Reception Over Flat, Open Terrain—Masts Not Included

# ARCHER® INDOOR ANTENNAS FOR BEST RECEPTION

## Color Supreme III For Fine UHF/VHF/FM

ONE OF OVER 350 NEW LOW PRICES **29.95**



Cleans up ghosts and snow, even in hard-to-receive areas. Enhances your FM reception, too. Phasing control for best VHF. Dial rotates both UHF and VHF antennas.

15-1824 ..... 29.95

## Color Supreme II For UHF/VHF/FM

ONE OF OVER 350 NEW LOW PRICES **24.95**



12-position fine-tuning for improved TV and FM reception. Dual loops for better UHF picture. Dial adjusts antenna direction.

15-1816 ..... 24.95

## UHF/VHF/FM— Color Eagle II

**19.95**



Phasing Switch  
Cuts Ghosts,  
Snow and FM  
Interference

Satin-brass VHF dipoles and dual UHF loops. Color-coded leads for easy hook-up. UHF/VHF/FM selector switch.

15-1809 ..... 19.95

## Color Eagle UHF/VHF

**14.95**

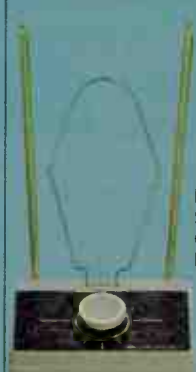


Phasing  
Switch for  
Clean TV  
Reception

Has four-section, satin-chromed VHF dipoles, dual UHF loops. Color-coded leads assure easy hook-up. 15-1810 ..... 14.95

## Deluxe UHF/VHF

**9.95**

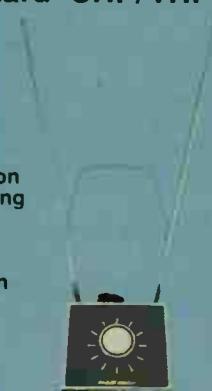


Multi-Position  
Fine-Tuning  
Switch Assures  
Optimum Signal  
Reception

Greatly improves color and B&W pictures! Installs quickly with screwdriver. Brass-plated VHF dipoles. 15-1818 ..... 9.95

## Standard UHF/VHF

**7.95**



12-Position  
Fine-Tuning  
Switch—  
Dial Your  
Best TV  
Reception

Sharpen your reception at low cost! With telescoping, stainless steel dipoles. UHF loop. 15-628 ... 7.95

## Lowest-Priced, VHF

**3.99**



Improves Your  
Reception on  
TV Channels  
2 Through 13

Contemporary design, telescoping three-section dipoles. Felt-covered, anti-tip base. 15-958 ..... 3.99

## Back-of-Set VHF Improves TV Reception

**5.49**

Install It  
Yourself  
In Minutes



Mounts conveniently out of sight behind most TV sets. Features telescoping 30" dipoles. 15-1804 ..... 5.49

## Upright UHF-TV Twin Bow-Tie

**8.95**

Better  
Picture  
On TV  
Channels  
14 to 83



Gold-color bow ties, brass-plated reflector grid. Vinyl feet won't mar surfaces. With lead. 15-623 ..... 8.95

## Replacement UHF/VHF

**99¢**

**2.99**

**2.19**

**A** UHF Loop. Replace your bent or lost loop. 15-233 ..... 99¢  
**B** UHF Bow-Tie. Snaps on VHF rod, connects to UHF terminal for easy hook-up. 15-234 ... 2.19  
**C** VHF Rod. Replace your broken or bent rods for best picture. 38" long. 15-232 ..... 2.99



# SHOP THE SHACK® FOR ALL YOUR TV ACCESSORIES

## Indoor 4-Set UHF/VHF/FM Amplified Couplers



**NEW FOR '84**

**29<sup>95</sup>**

Switchable FM Trap Cuts Interference

Drive up to four TV or FM sets from one VCR or antenna. Choose the 75 or 300-ohm unit to match your antenna system. 14 dB gain on VHF/FM, 13 dB gain on UHF. For indoor use. With mounting hardware, manual. U.L. listed AC operation.

75-Ohm. 15-1123 ..... 29.95  
300-Ohm. 15-1125 ..... 29.95

## Mast-Mount UHF/VHF Amplifier for TV, FM and FM Stereo

**NEW FOR '84**

**34<sup>95</sup>**

- Boosts TV and FM Signals, Even in Fringe Areas
- Switchable FM Trap



Amplifies TV/FM signals, not interference picked up by download. Resists overload on strong signals. FM trap cuts interference. Typical gain: VHF, 25 dB; UHF, 20 dB. With mounting hardware and instructions. U.L. listed AC operation. 15-1124 ..... 34.95

75 or 300-Ohm

## Indoor FM Antenna



**11<sup>95</sup>**

Enhances FM Stereo

Stereo Supreme. Improves selectivity and channel separation. Fine-tuning knob. 15-1822 ..... 11.95

## Indoor FM Amplifier



**24<sup>95</sup>**

Boosts Signal for Better Stereo Sound

Provides 18-dB signal gain to receive weak or distant FM stations. For 300 or 75-ohm receiver inputs. U.L. listed AC operation. 15-1122 ..... 24.95

## VCR/TV/FM Filter



**8<sup>95</sup>**

Cuts CB/Ham Signal Interference in TV And FM Receivers

Nine-element high-pass LC filter. Installs at 75-ohm coaxial input of VCR or TV/FM. 15-580 ..... 8.95

## Interference Filters



**5<sup>95</sup>**

**1<sup>99</sup>**

- Ⓐ Cuts interference from CB, Ham transmitters. For use with 300-ohm TV/FM inputs. 15-581 ..... 5.95
- Ⓑ Reduces appliance or neon light static. Attaches to 300-ohm TV antenna terminals. 15-582 ..... 1.99

## Switches for Your TV Games And Computers



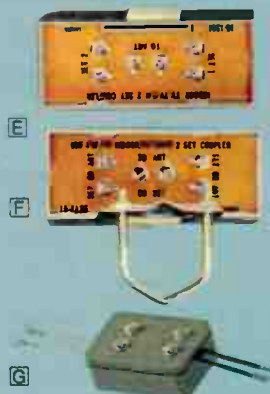
**3<sup>99</sup>** **NEW FOR '84** **3<sup>99</sup>** **NEW FOR '84** **4<sup>99</sup>** Ⓔ

Ⓒ 300-Ohm TV Switch. Use video games and computers with your TV, without rewiring each time. For 300-ohm antenna line/TV input. 15-1255 ..... 3.99

Ⓓ 300/75-Ohm Antenna Input. 300-ohm TV output. For use with coax and 300-ohm antenna-type systems. 15-1269 ..... 3.99

Ⓔ 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. For use with coax or 300-ohm antenna-type systems. 15-1268 ..... 4.99

## Add More Sets or Combine Leads With Our Splitters and Couplers



- Ⓔ 2-Set Indoor Coupler. Drive two TV or FM sets from one antenna. 300 ohms. 15-1501 ..... 2.29
- 4-Set Indoor Coupler. 15-1502 ..... 2.59
- Ⓕ 2-Set Indoor/Outdoor Coupler. Combines two antenna outputs for one 300-ohm download. 15-1135 ..... 3.59
- 4-Set Indoor/Outdoor Coupler. 15-1136 ..... 4.59
- 300-Ohm Combiner/Splitter 15-1137 ..... 3.95
- Ⓖ Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm download. Insta-mount 15-1138 .. 3.99

## Filters for Better Reception



**5<sup>95</sup>**

Color TV "Ghost" Eliminator. Cuts interference caused by nearby structures. Adjusts for UHF and VHF. Installs easily. 15-1114 ..... 5.95

**6<sup>95</sup>**

AC Interference Filter. Reduces most electrical appliance interference. Polarized plug and socket. U.L. listed. 15-1110 ..... 6.95



# ACCESSORIES FOR BETTER TV AND VCR HOOKUPS

## Signal Splitters for VCR/TV Use



Outputs Have 6" Coax Leads With Male "F"-Type Connectors or 300-Ohm Leads With Spade Lugs for Quick, Easy Hookup

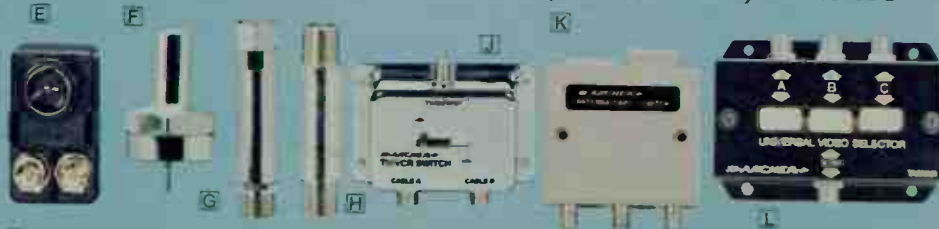
**A** VCR/TV Antenna Splitter. 75-ohm input. One 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1252 ..... 4.95

**B** VCR/TV Antenna Splitter. 300-ohm input. One 75-ohm output for VHF and one 300-ohm output for UHF/FM. 15-1251 ..... 4.95

**C** VCR/TV Signal Splitter. 75-ohm input. Provides separate 75-ohm outputs for VHF and UHF. 15-1292 ..... 4.95

**D** VCR/TV Signal Splitter. 300-ohm input. Provides separate 75-ohm outputs for VHF and UHF. 15-1293 ..... 4.95

## Matching Transformer, Terminator, Attenuators, Switches



**E** VCR/TV Matching Transformer. 300-ohm input. 75-ohm output with push-on "F" connector. 15-1253 ..... 2.99

**F** Terminating Resistors. "F"-type 1/2-watt, 75 ohms. Terminates unused outputs of booster and distribution amps to prevent interference and "ghosts" 15-1144 ..... Pkg. of 2/99c

**G** Inline 6 dB Attenuator. 75 ohms. "F" male to "F" female connector. 15-1258 ..... 1.99

**H** Inline 6 dB Attenuator. Above with "F" female connectors each end. 15-1257 ..... 1.99

**J** VCR/TV/FM Switch. 75-ohm input. Two 75-ohm outputs. Switches one antenna/VCR between two sets. Reversible—will also select from two inputs. 15-1254 ..... 4.95

**VCR/TV/FM Switch.** (Not shown.) Like Fig. J, but has one 300-ohm output which can be switched between two 75-ohm inputs 15-1250 ..... 4.95

**K** Pushbutton VCR/TV/FM Switch. High isolation prevents interference. 75-ohm output and two selectable 75-ohm inputs. Reversible. 15-1249 ..... 6.95

**L** 3-Position Video Switch. Allows one 75-ohm input/output to be connected to any one of three 75-ohm lines at the push of a button. Select TV antenna, cable TV or video player. Or reverse it to switch one input between three sets or components. 15-1256 ..... 6.95

## Compact Booster Amplifier for VHF and Cable TV



**NEW FOR '84**

**995**

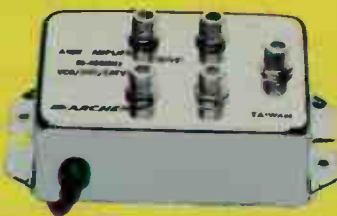
Provides a 10 dB increase in signal to reduce loss caused by passive splitters and long cable runs. For VHF channels 2-13, FM radio plus mid and super-band cable TV. Not for UHF. Indoor use only. Metal case, 1<sup>3</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>4</sub>". 15-1118 ..... 9.95

## Distribution Amplifier for VHF and Cable TV

**NEW FOR '84**

**1295**

Boosts VHF channels 2-13, FM, mid and super-band cable to drive up to four TV sets, VCRs or FM receivers. Not for UHF. Indoors only. Close unused outputs with terminating resistors (fig. F, above). 1<sup>3</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>8</sub> x 4<sup>3</sup>/<sub>4</sub>". 15-1119 ..... 12.95



## Combine Leads With Splitters and Couplers



**NEW FOR '84**

**NEW FOR '84**

**M** 75-Ohm Hybrid Coupler/Combiner. Splits a single 75-ohm coax download to two 75-ohm UHF/VHF outputs. Reversible—will also combine outputs of UHF and VHF antennas into one 75-ohm download. "F"-type connectors. Metal case with mounting tabs, grounding screw. 15-1141 ..... 3.95

**N** Indoor/Outdoor Matching Transformer. Matches 300-ohm antenna to 75-ohm coax download. Reversible—connects 75-ohm coax download to 300-ohm terminals at set. 15-1140 ..... 2.79

**O** Indoor Transformer/Splitter. 75-ohm input. Provides three separate 300-ohm outputs: VHF, FM and UHF. Mounts on back of set. 15-1139 ..... 4.99

**P** Antenna-Mount Transformer. Converts 300-ohm output of antenna to match 75-ohm coax download. Mounts on antenna or boom with special clip. 15-1143 ..... 3.99

## Connectors and Adapters for VCR and TV Use



**Q** Male "F" Connector to RCA-Type Phono Plug. 278-253 ..... 1.29

**R** Female RCA-Type Jack to Male "F" Connector. 278-255 ..... 1.19

**S** Female "F" to RCA-Type Phono Plug. 278-252 ..... 1.19

**T** Female "F" Screw-On to Male "F" Push-On. 278-218 ..... 99c

**U** F-81 Coupler. Female "F" connectors each end. 278-213 ..... 89c

**V** Right-Angle "F" Connector. 278-221 ..... 1.69

**W** Male "F" to Male "F" Connector. 278-219 ..... 1.39

## Coaxial Cable Assemblies for VCR and TV Use



**X** 75-Ohm, Male "F" at Each End.  
2-Foot. 15-1533 ..... 2.49  
4-Foot. White. 15-1529 ..... 2.79  
8-Foot. 15-1530 ..... 3.49  
16-Foot. 15-1531 ..... 4.79  
25-Foot. 15-1534 ..... 5.99

**Y** 75-Ohm, Male "F" Connector at One End, Motorola-Type Plug at Other. 8 feet long. 15-1528 ..... 3.49

**Z** 6-Foot VCR Video/Audio Cable. RCA-type phono plug at each end. 15-1535 ..... 3.99

**AA** 6-Ft. VCR/TV Cable. Push-on "F" connectors each end. 15-1536 ..... 2.99

# EXPAND THE CAPABILITIES OF YOUR VIDEO SYSTEM

## Video Enhancer/Stabilizer/Fader/RF Modulator



**NEW FOR '84**

**99<sup>95</sup>**

- Improves Picture Clarity and Increases Contrast While Reducing Video "Noise"
- Eliminates Vertical "Roll and Jitter" From Pre-recorded Video Cassettes
- Fade Control Lets You Separate Scenes, Edit Tapes and Dub-Out Commercials

Brings sophisticated "TV studio" features to your fingertips—at an incredible low price! Video enhancer restores high-frequency picture details that are lost during tape duplication. Improves off-the-air and cable TV, too. The enhancer has a built-in, adjustable video noise reduction system. A fader lets you make a smooth, one-second transition from normal picture and sound to a black screen and silence—and vice versa. Video sync is maintained during fade. Stabilizer section has a lock control which stops roll and jitter when playing prerecorded tapes. A delay control allows on-screen comparison of processed and original signal. Video and audio inputs/outputs. RF output on channel 3 or 4. 2 1/4 x 6 1/8 x 10 1/16". U.L. listed. 15-1270 ..... 99.95

## Video Stabilizer and RF Modulator for VCR



**59<sup>95</sup>**

- Eliminates "Roll and Jitter" From Pre-recorded Tapes
- RF Modulator for Color Processors, Enhancers, Cameras

Connect it between your TV and video cassette recorder to stop annoying picture roll on prerecorded movies. Adjust the lock control until picture steadies, then leave it in that position for the remainder of the tape—no other adjustments required. Will also adapt your TV receiver to accept video and audio signals from cameras, portable VCRs and computers. Channel 3 or 4 output. 2 x 6 1/2 x 6 5/8". U.L. listed. 15-1271 ..... 59.95

## Convenient Video Selector With Five Inputs



**39<sup>95</sup>**

- A Low-Cost Solution to Video Confusion
- Outputs for Two TV Sets and/or VCRs

Simplifies your system—makes "cable swapping" a thing of the past! Connect a TV antenna, cable TV, video disk player, VCR and computer to this switcher. Then direct the desired signal to a TV for viewing and a VCR for recording, or a second TV. 75-ohm "F" connectors. Simulated walnut finish, 2 x 8 7/8 x 4 1/2". 15-1261 ..... 39.95

## Versatile Color Video Processing System



**NEW FOR '84**

**99<sup>95</sup>**

- Enables You to Get Perfect Color From VCRs, Satellite Receivers, Video Disk Players and Computers
- Two Selectable Video Inputs
- Special-Effects Applications

This compact video "magician" lets you correct color imbalances that can not be improved with the controls on your TV. An intensity control adjusts overall brightness. A chroma control lets you compensate for washed-out or oversaturated color. A hue control shifts color "tint"—especially useful with color video cameras. The burst control restores weak or lost color when viewing video tapes or duplicating them. Mode switch has a position for full color processing, a bypass position for comparing processed video and original, and a mono position that enables you to remove the residual color often seen in black-and-white movies. Video input/output. 2 1/4 x 6 1/8 x 10 1/16". U.L. listed. 15-1275 ..... 99.95

## Amplified, Three-Output Video Selector



**NEW FOR '84**

**89<sup>95</sup>**

- Three Built-In VHF/UHF Amplifiers
- Organizes and Simplifies Your System

Select from five inputs—antenna, cable TV, VCR, aux 1 and aux 2—without changing cables! Three outputs—main TV, VCR recording and remote TV set. Separate amplifiers maintain isolation and prevent signal loss, especially useful when viewing and recording simultaneously. 2 3/8 x 9 7/8 x 5 1/4". U.L. listed. 15-1262 ..... 89.95

## Cable-TV Block Converter With Fine Tuning

**NEW FOR '84**

**29<sup>95</sup>**

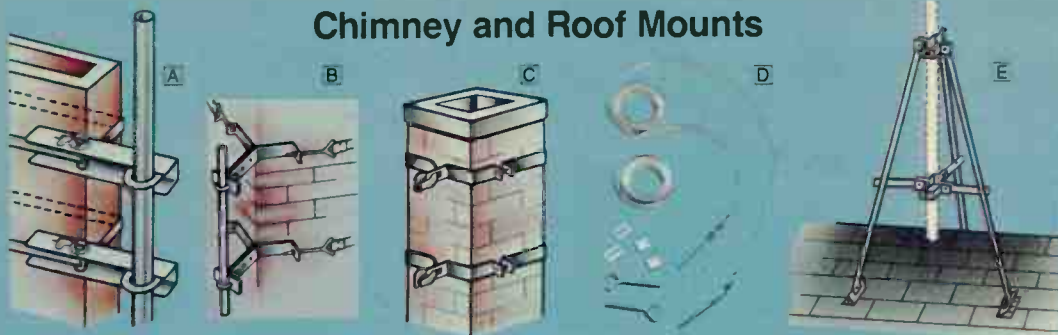
- Converts VHF, Mid, & Superband Cable Channels to UHF
- Restores Remote Control Functions



Lets you record one TV channel while watching another. Also returns channel selection to TV set, VCR or remote control. VHF output for regular cable converter, UHF output for the tuner of TV set and/or VCR. Fine tuning control helps remove interference and permits reception of "offset" channels which may not be receivable on TVs or VCRs with PLL tuners. 2 x 6 1/2 x 3 1/3". U.L. listed. 15-1281 ..... 29.95

# HARDWARE TO MAKE ANTENNA INSTALLATION EASY

## Chimney and Roof Mounts



**A Chimney Ratchet Mount.** Fastens 1" to 1<sup>3</sup>/<sub>4</sub>" mast two stainless steel straps, each <sup>5</sup>/<sub>8</sub>" x 18 ft. 15-839 ..... 11.49

**B Chimney Corner Mounts.** Fastens mast with two Y-mounts. Two stainless steel straps, each <sup>5</sup>/<sub>8</sub>" x 10 ft. 15-527 ..... 7.69

**C "Z" Chimney Mounts.** Keeps mast away from chimney, holds it securely. Set of two, each with <sup>5</sup>/<sub>8</sub>" x 10-ft. galvanized steel strap. 15-476 ..... 6.49

**D Strap Kit.** Two 25-ft. stainless steel straps for replacement or add-on use. 15-801 ..... 8.49

**E 3-Ft. Tripod Mount.** Excellent in windy areas. Fits slope of almost any roof. Fully preassembled for easy installation. Accepts mast up to 1<sup>3</sup>/<sub>4</sub>" dia. 15-516 ..... 13.95

**5-Ft. Heavy-Duty Tripod.** 15-517 ..... 23.95

## Heavy-Duty Masts

**16-Gauge Steel With Gold Enamel Finish**

Swaged end for tight lock on tubing to be joined. 1<sup>1</sup>/<sub>4</sub>" dia.

5-Ft. Mast. 15-842 ..... 4.49

10-Ft. Mast. 15-843 ..... 8.95

## Light-Duty Mast

5-Ft. 20-gauge steel, golden enamel finish. For attic or small antenna installations. 15-844 ..... 3.99

## Telescoping Antenna Masts

- 16 and 18-Gauge Galvanized Steel
- Interlocking Sections
- Clamp and Guy Ring for Support

Low As

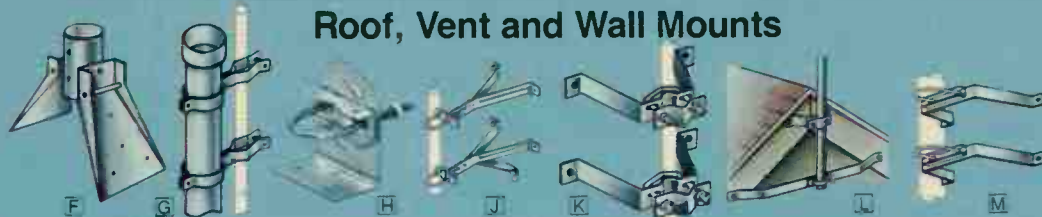
**25<sup>95</sup>**

Raise your antenna for stronger TV and FM reception. Sturdy sections interlock—won't pull out, slip, twist or shake! Hot-dipped galvanized steel masts resist corrosion. Preassembled. Easy to install!

19-Ft. Mast. One 16-gauge, one 18-gauge section. 15-5065 ..... 25.95

36-Ft. Mast. One 16-gauge, three 18-gauge sections. 15-5067 ..... 45.95

## Roof, Vent and Wall Mounts



**F Base and Roof Mount.** Mast locks into exclusive U-bolt. Swivel base fits slope of any roof. Heavy gauge steel. 15-889 ..... 4.79

**G Vent Pipe Mount.** Attach brackets to vent pipe, then clamp mast in place. Ideal alternative when chimney mounting is not possible, or desirable. Easy to attach to 2" to 5" vents. 15-893 ..... 3.99

**H Mast Anchor (Universal Mount).** For mounting of up to 1<sup>1</sup>/<sub>2</sub>" dia. masts. Must be guyed for roof and window mounts. 15-888 ..... 1.49

**J Pair of 12" Wall Mounts.** Secures mast 12" away from wall. Fits up to 1<sup>1</sup>/<sub>2</sub>" dia. masts. 15-885 ..... 7.49

**K 4" Wall Mounts.** Secures mast 4" out from wall. 15-883 ..... 2.19

**L Eave Mount for Trim Boards or Hanging Rafter.** Install your antenna without having to drill brick or masonry! Fits medium-pitched roofs. For masts up to 1<sup>1</sup>/<sub>2</sub>" dia. 15-891 ..... 8.99

**M 6" Heavy-Duty Wall Mounts.** Extends antenna 6" out from wall. Heavy-gauge for a secure installation. For masts up to 2<sup>1</sup>/<sub>2</sub>" dia. 15-890 ..... 7.99

## Guy Wire and Hardware



Fig	Description	Cat. No.	Each
N	50-Ft. Galvanized Steel Wire	15-030	1.19
N	100-Ft. Galvanized Steel Wire	15-031	2.19
N	40-Ft. Plastic-Coated Steel Guy Wire	15-037	2.29
D	2 Guy Wire Anchors	15-825	.69
P	2 Guy Wire Turnbuckles 6" Open, 4" Closed	15-829	1.49

Fig	Description	Cat. No.	Each
Q	Set of Four Hex Lag Bolts, <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>2</sub> " for Heavy-Duty Mounting	15-833	.69
R	U-Bolt and Clamp	15-826	.79
S	2 U-Bolts With Nuts	15-830	.79
T	1 <sup>1</sup> / <sub>4</sub> " Guy Ring and Collar	15-835	1.09
U	Guy Wire Mast Clamp With Bolts	15-827	.89
V	3 Guy Wire Clamps	15-850	.99

## Stand-Off Insulators



Fig	Description	Cat. No.	Each
W	4-3 <sup>1</sup> / <sub>2</sub> " Wood Screw	15-853	.69
W	4-6 <sup>3</sup> / <sub>8</sub> " Wood Screw	15-854	.89
X	2 Masonry Type	15-820	.79
Y	2 Nail-In Type	15-821	.69
Z	2 Snap-Grip Type	15-822	.69
AA	2 Strap-On Type	15-823	.69

## Base and Mount



**BB** Roof Base. Slips through hole in universal mast base. 15-5068 ..... 6.99

**CC** Ground Mount. Sturdy "tap-in" tapered mount for masts up to 36 ft. tall. 15-5069 ..... 9.95

**DD** Guy Wire. 6 strand, 18 gauge. 15-5070 ..... 5.95

# QUALITY ACCESSORIES TO BOOST YOUR RECEPTION



**A** VHF/UHF 300-Ohm Foam Cable. Our best! 20-gauge copper, white-foam space web, dense polyethylene jacket.

50 Ft. 15-1174 ..... 3.99  
100 Ft. 15-1175 ..... 7.39

**B** Economy Foam VHF/UHF Cable. For strong-signal areas. 22-gauge copper, brown polyethylene jacket with blue polyfoam.

50 Ft. 15-1202 ..... 3.69  
100 Ft. 15-1203 ..... 6.69

**C** Low-Cost Twin Lead. For TV or FM. 24-gauge 4-mil. For indoor/attic use.

Brown Twin Lead, 40 Ft. 15-004 ..... 1.59  
Clear Twin Lead, 40 Ft. 15-1158 ..... 1.59

Standard Twin Lead. 22-gauge 7-strand. For indoor use. 50 Ft. 15-1153 ..... 2.49  
100 Ft. 15-1154 ..... 4.49

**D** 8-Ft. Twin Lead Cable. Dual spade lugs attach easily from splitter to stereo, or coupler to set. 300 ohms. 15-1532 ..... 2.19

**E** Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-56 connectors.

50 Ft. 15-1526 ..... 7.99  
100 Ft. 15-1527 ..... 13.99

**F** Aluminum Ground Wire. Low-cost protection against static build-up. 40 ft. of #8 wire Use with ground rod (15-530) below.

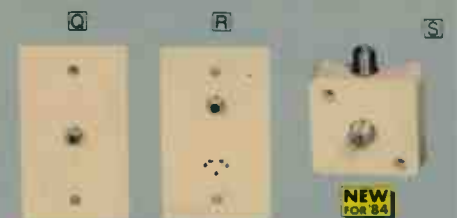
15-035 ..... 2.19

**G** Antenna Discharge Unit. Protects against static build-up. For TV, FM. Solderless connection. 300 ohms. With mounting hardware. U.L. listed. 15-910 ..... 2.19

**H** Grounding Block. Prevents the build-up of static electricity. For 75-ohm TV/FM antenna lead-ins. 15-909 ..... 2.19

**J** Ground Rod. Provides a low-resistance path to ground for static electricity. Copper-plated, corrosion-resistant, highly conductive. 15-530 ..... 2.39

## 75-Ohm Coaxial Wall Plates

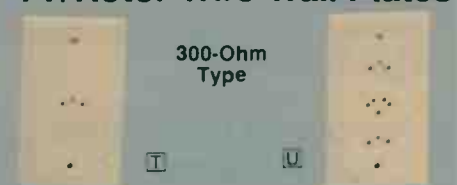


**Q** Includes mounting hardware. 15-1180 ..... 3.49

**R** Includes 5-wire rotator socket and plug With mounting hardware. 15-1181 ..... 4.49

**S** Baseboard Mount. With mounting hardware. 15-1182 ..... 2.99

## TV/Rotor Wire Wall Plates



**T** Flush Mount. For a single TV/FM lead-in With mounting bracket, plugs. 15-1186 ..... 1.99

Surface Mount. 15-1189 ..... 1.79

**U** With rotor and two flush-type lead-in sockets With bracket, rotor and TV plugs. 15-1179 ..... 2.99

## TV and FM Connectors



**V** Wall Receptacle Plugs. Mate with all surface or flush sockets. 15-1178 ..... Set of 2/99c

**W** Surface Mount Universal Socket With Mating Plug. 7/8 x 13/4 x 9/16" 15-1192 ..... 99c

**X** Polarized Connectors. Prevent polarity reversal when splicing. 15-1199 ..... 99c

**Y** Plug and Socket Set. UHF/VHF TV or FM 15-1198 ..... 99c



**K** TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm lead-in. Set of two. 15-832 ..... 99c

**L** TV Power Cord. Standard 6-ft. AC power cord. 18-gauge, 2-conductor. U.L. listed. 15-011 ..... 1.19

Polarized TV Power Cord. As above, but with polarized plug for extra safety. 15-012 ..... 1.19

**M** Remote On/Off Switch. Control TV or appliances from up to 15 ft. away. 6 amps maximum current. U.L. listed. 15-1160 ..... 3.99



**N** "Wall-Thru" Lead-In Tube. Makes it easy to run lead-ins through walls up to 13" thick. Grommet seals out damaging weather. 15-1200 ..... 1.99

**O** 10 Coax Nail Clips. Insulated nails with clips to secure 75-ohm RG-59 coax cable. 20-192 ..... Pkg. of 10/79c

**P** Coax Feed-Thru Bushing. Provides neater installations and protects cables. RG59U. 278-1643 ..... 49c  
RG6U. 278-1644 ..... 49c

## Realistic Tubes Are LIFETIME® Guaranteed

Tube Type	Each
2AV2	5.69
3A3/3AW3	7.29
3CU3A	9.29
3HM5/3HA5	7.69
6AQ5/6HG5	6.29
6AU6A	6.29
6BK4C/6EL4A	13.49
6BL8/ECF80	5.69
6BQ5/EL84	7.59
6CG7/6FQ7	5.69

Tube Type	Each
6CJ3/6DW4B/6CL3	6.79
6EA8	7.39
6GH8A	5.79
6GY6/6GX6	6.69
6HM5/6HA5	7.69
6HZ6	5.99
6JZ6	8.29
6LQ6/6JE6A	14.95
6JS6B	13.49
6KD6	15.29

Tube Type	Each
6KT8	9.99
6LB6	14.59
6L6GC	11.69
6Z10/6J10	11.29
8CG7/8FO7	5.59
12AU7/8ECC82	5.79
12AX7A/ECC83	6.49
17JZ8	7.99
33GY7A	11.99
38HE7	13.99

**Gold-Clad Contacts**  
Pins dissipate heat better and reduce resistance for more positive contact.

We guarantee that our custom-made LIFETIME tubes will last the life of your set or we'll replace them FREE—except for physical damage. Tubes listed above are in stock at most locations. And remember, we offer FREE do-it-yourself tube testing at most Radio Shack stores!



## We Can Get You Those Hard-to-Find Tubes

**2000**  
Types Available!

Our "Hotline" service can get most tubes delivered to your nearby Radio Shack store quickly! So, if what you need isn't in stock, ask your Radio Shack store Manager to order it. No extra charge!



# MICRONTA® MULTITESTERS ARE YOUR BEST VALUE

## 21-Range, 30,000 Ohms/Volt Multitester



**4995**

- Fused & Overload Protected
- Big 5" Color-Coded Scale

Our best VOM! Features "beep" continuity function and easy access to battery/fuse compartment. DC Volts: 0 to 1000, 7 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0 to 10 amps, 5 ranges. Resistance: 0-10k-1-10 megohms (center scale 10). dB: -20 to +62 dB, 5 ranges. Accuracy: ±3% DC, ±4% AC. 6<sup>1</sup>/<sub>16</sub> × 5<sup>7</sup>/<sub>16</sub> × 2<sup>5</sup>/<sub>8</sub>". With instruction manual. Requires one 9V, one "C" battery. 22-210 ..... 49.95

## Compact 25-Range, 20,000 Ohms/Volt Folding Multitester

**NEW FOR '84** **2995**

90-120-150-180° Hold-Position Hinge

"Big-meter" features include fuse and surge-absorber protection, banana-type probe jacks and 4" 3-color mirrored meter with automatic shunt protection (when folded shut). DC Volts: 0 to 1200, 7 ranges. AC Volts: 0 to 1200, 5 ranges. DC Current: 0-60µA, 3-30-300 mA. Resistance: 0-2-20-200k-2 megohms (center scale 24). dB: -20 to +63 dB, 5 ranges. Accuracy: ±3% DC, ±4% AC. 7<sup>1</sup>/<sub>4</sub> × 4<sup>5</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>4</sub>". Requires "AA" battery. 22-211 ..... 29.95



## 43-Range, 50,000 Ohms/Volt Multitester

**3995**

- Volts/Amps Range-Doubler
- 4 1/4" Mirrored Scale

Complete your workbench! Convenient single-knob function switch, plus mirrored scale to prevent misreadings due to parallax. DC Volts: 0 to 1000, 12 ranges. AC Volts: 0 to 1000, 8 ranges. DC Current: 0 to 10 amps, 10 ranges. Resistance: 0 to 20 megohms in five ranges (10 ohms center scale). Decibels: -20 to +62, 8 ranges. Accuracy: ±3% DC, ±4% AC. 6<sup>1</sup>/<sub>16</sub> × 4<sup>7</sup>/<sub>8</sub> × 2". With instruction manual. Requires one "AA", one 9V battery. 22-204 ..... 39.95



## 18-Range, 20,000 Ohms/Volt Home or Shop Multitester

**1995** 3" Meter, Color-Coded And Mirrored Scale

DC Volts: 0 to 1000, 5 ranges. AC Volts: 0 to 1000, 4 ranges. DC Current: 0 to 250 mA, 2 ranges. Resistance: 0 to 2 megohms in three ranges (24 center scale). dB: -20 to +62, 4 ranges. Accuracy: ±3% DC, ±4% AC. 5<sup>1</sup>/<sub>8</sub> × 3<sup>1</sup>/<sub>2</sub> × 1<sup>7</sup>/<sub>16</sub>". Requires "AA" battery. 22-201 ..... 19.95



## 8-Range, 1000 Ohms/Volt Pocket-Sized Multitester

**1095** Keep One in Your Glove Compartment

Our lowest-priced multitester! 2" meter has mirrored scale to prevent parallax errors. AC and DC Volts: 0-1000, three ranges. Current: 0-150 mA, DC. Resistance: 0 to 100,000 ohms (2500 center scale). 3<sup>1</sup>/<sub>2</sub> × 2<sup>5</sup>/<sub>16</sub> × 1<sup>1</sup>/<sub>4</sub>". Requires "AA" battery. 22-027 ..... 10.95



## 27-Range, 30,000 Ohms/Volt Multitester

**3495**

- Single-Knob Function Switch
- Color-Coded 4" Mirrored Scale

Four banana jacks including output jack, polarity-reverse switch. DC Volts: 0 to 1000, 8 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0-10 amps, 5 ranges. Resistance: 0 to 10 megohms (10 ohms center scale). dB: -10 to +62, 5 ranges. Accuracy: ±3% AC, ±4% DC. Carrying handle doubles as stand. 6<sup>1</sup>/<sub>4</sub> × 4<sup>1</sup>/<sub>2</sub> × 1<sup>3</sup>/<sub>4</sub>". Requires one "AA", one 9V battery. 22-203 ..... 34.95



## Tester Carrying Cases

ONE OF OVER **350** NEW LOW PRICES

**495** Meter not included

### Enough Room for All The Essentials

Protect your multimeter with a handy carrying case. Holds leads, manuals, fuses and extra batteries.

Use With Tester No.	Cat. No.	Each
22-203/204/191/192	22-153	5.95
22-201/189/027/212	22-154	4.95



All Testers Include Color-Coded Test Leads and Instruction Manuals

# RADIO SHACK HAS THE LATEST IN HI-TECH TESTERS



## Versatile 5-Range Clamp-On AC Ammeter

**NEW  
FOR '84**

**4995**

- Measures AC Current Without Breaking Line Being Checked
- Insulated and Overload Protected for Added Safety

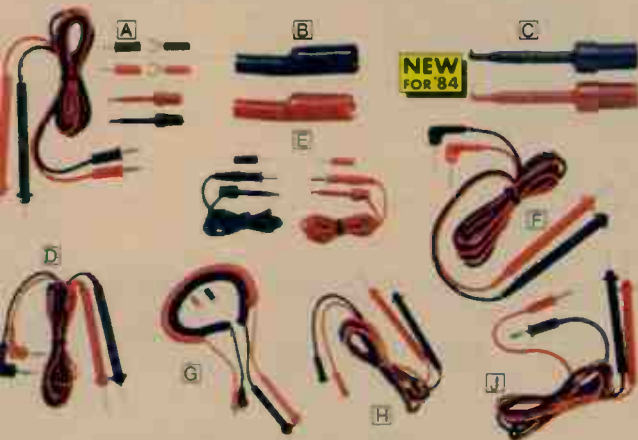
Easily test AC circuits, motors and more! Ideal for determining energy consumption of household appliances. Clamp jaws allow easy insertion into narrow places or crowded wiring assemblies. Inline Inductive Pickup/Multiplier measures appliances with AC power cord—also provides  $\times 10$  readings for low-current measurements. Ammeter has large range selector for one-hand operation, pointer lock switch, mirrored scale. Accuracy:  $\pm 3\%$  of full scale value.  $4 \times 2 \times 3/8"$ . With manual.

22-160 ..... 49.95



Includes Inductive Pickup/Multiplier

## Test Leads, Kits, and Clips



**NEW  
FOR '84**

**A** 9-Piece Test Lead Set. Finger guards for safety. Includes hook-clips, spade lugs, banana plugs and phone tips. Case included. New Low Price! Was \$6.95 in 1983 Catalog. 270-333 ..... Set/6.49

**B** Insulated Alligator Clips. For hands-free testing. One red, one black. Probe tips 270-354 ..... Pair/1.49

**C** Mini Hook Test Clip Adapter. Adapts standard probes for measurements on high-density PC boards. 270-334 ..... 1.79

**D** Right-Angle Banana Test Leads. Best for getting around corners. 36" leads, one red, one black 278-713 ..... Pair/2.29

**E** Mini Clip Test Leads. Clip at one end, banana plug at other. With pintip adapters. One red, one black. 278-1160 ..... Pair/2.99

**F** Right-Angle Pin tips with 36" Leads. Has  $4\ 3/4"$  long probes. 278-712 ..... Pair/1.59

**G** 6-Foot Coiled Test Leads. Probes with banana plugs. One red, one black. Fit most multimeters. 278-750 ..... Pair/3.29

**H** 36" Leads With Pin Tips. One red, one black.  $4\ 1/4"$  long probes. 278-705 ..... Pair/1.99

**J** Banana Plugs With 36" Leads.  $4\ 1/2"$  long probes. One red, one black. 278-704 ..... Pair/3.19

## 3 1/2-Digit Autoranging Multimeter

**ONE OF OVER NEW LOW PRICES**

**350 6995**

Was \$89.95  
in 1983  
Catalog

- Range-Hold Function Overrides Autoranging Circuit
- "Beep" Continuity Check

Selects and displays the range automatically! User-selectable "beep" continuity and range-change indicator. Zero-adjust button for low-resistance measurements. Also tests diode and transistor junction performance. Low-battery and over-range indicators. Measures up to 1000 VDC, 500 VAC, 200 mA (both AC and DC), 2 megohms resistance. AC frequency response: 45 Hz to 10 kHz. Accurate to within  $\pm 1$  digit.  $6\ 3/8 \times 3\ 1/2 \times 1\ 3/8"$ . Includes spare fuse, test leads. Requires two "AA" batteries. 22-192 ..... 69.95



## 3 1/2-Digit, 21-Range Multimeter

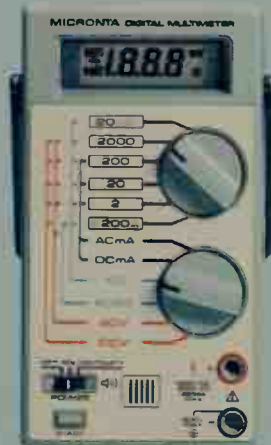
**ONE OF OVER NEW LOW PRICES**

**350 5995**

Was \$79.95 in 1983 Catalog

- Audible "Beep" Continuity And Range-Change Indicator

Audible continuity function sounds at less than 300 ohms circuit resistance. Zero-adjust for precise low-resistance measurements. "Diode check" allows testing of diodes and transistors. Overload protected. DC Volts: 200mV-z-20-200-2000V (max. 1000V) AC Volts: 2-20-200-2000V (max. 500V). Accurate from 45 Hz to 10 kHz. 200mA, AC and DC. Resistance: 200 ohm-2k-20k-200k-2 megs-20 megs.  $6\ 3/8 \times 3\ 1/2 \times 1\ 3/8"$  With spare fuse, test leads. Requires two "AA" batteries. 22-191 ..... 59.95



## Compact 3 1/2-Digit 16-Range Multimeter

**NEW  
FOR '84**

**4995**

- Fused and Overload Protected
- Diode Check Function for Testing Semiconductors

Single-IC design assures extremely low battery drain and high accuracy. Single knob range switch, full auto-polarity operation. Low-battery and over-range indicators. DC Volts: 2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V), accurate from 45 Hz to 10 kHz. DC Current: 2-20-200mA-2A. Resistance: 2-20-200-2000 kohms.  $5\ 3/16 \times 3\ 1/4 \times 1\ 7/16"$ . Includes spare fuse, test leads. Requires 9V battery. 22-189 ..... 49.95



# BIG VALUES IN SEMICONDUCTORS AND DIGITAL ICs

## Digital Logic Probe With Tone and LED Indicators

**NEW FOR 84** **1995**



- Tests All Logic Families
- Overload and Polarity Protected

The fast way to "peek inside" TTL, LS and CMOS digital circuits. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output frees your eyes—really speeds up testing. Minimum detectable pulse width: 50 ns. 36" leads with clips obtain power from tested circuit. Low current drain. With instructions and user's tips.

22-302 ..... 19.95

## 4000-Series CMOS ICs

With Pin-Out And Specs **Low As 79¢**



Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.79
Quad 2-Input NAND Gate	4011	276-2411	.79
Dual Type D Flip Flop	4013	276-2413	.99
Decade Counter/Divider	4017	276-2417	1.49
Triple 3-Input NAND Gate	4023	276-2423	.99
Inverting Hex Buffer	4049	276-2449	.99
Quad Bilateral Switch	4066	276-2466	.99

## TTL Digital ICs

With Pin-Out and Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.59
Hex Inverter	7404	276-1802	.79
Quad 2-Input AND Gate	7408	276-1822	.79
BCD to 7-Seg. Decoder/Drvr	7447	276-1805	1.19
Div. by 2/5 BCD Counter	7490	276-1808	.89

## Handy, Low-Cost Design Aids



**A Lettering Guide.** Extra-durable molded stencil gives you three sizes of letters and numbers: 1/8", 3/16" and 1/4"-high 10 x 2 x 1/2" 276-183 ..... 2.99

**B PC Board Layout Template.** A transparent guide with perfectly sized cut-outs for most PC components. Use it to mark your PC boards and you'll drill properly spaced holes every time! 276-179 ..... 3.95

**C Circuit Symbols Template.** A "must" for electronic students, teachers and designers. Durable see-through material has all the latest component and logic symbols, plus two rules. Makes it easy to draw "book-quality" schematics and flow charts. 276-180 ..... 3.95

## Voltage Regulator ICs

Low As

**89¢**

Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated non-standard DC voltage is required. All include specifications and data.

LM723. Adjustable: 0 to 40VDC. 150 milliamps maximum. 14-pin DIP. 276-1740 ..... 89¢

NEW! TL-317. Adjustable: 1.2 to 32VDC. 100 mA maximum. TO-92 case. Perfect for on-card regulation. 276-1762 ..... 1.49

LM317T. NEW LOW PRICE! Adjustable: 1.2 to 37VDC output, 1.5A maximum. TO-220 case. Was \$2.99 in 1983 Catalog. 276-1778 ..... 2.79

Fixed Regulators. These easy-to-use three-pin devices have built-in overload protection and thermal shutdown. One lead is input, one is output. When the center (control) lead is grounded, the regulated voltage shown in the chart is available at the output. Maximum input voltage: 35VDC, output current up to 1 amp. TO-220 cases. Heat sink (276-1363 or similar) mounting required for full current rating.

Type	Output VDC	Cat. No.	Each
7805	+ 5	276-1770	1.59
7812	+12	276-1771	1.59
7815	+15	276-1772	1.59
7905	- 5	276-1773	1.59
7912	-12	276-1774	1.59

## Voltage Converter, Sensor



**NEW FOR 84**

Low As **159**

ICL7660 Voltage Converter IC. Input: positive 5VDC Output: -5VDC, up to 10 mA. A low-cost way to power many memory circuits with one +12VDC supply. Requires a minimum of external components. 8-pin DIP with data. 276-2335 ..... 3.79

MC3423 Overvoltage Sensor IC. Protects sensitive electronic circuitry. Monitors the supply rail and triggers an external LED or crowbar SCR in the event of line transients or loss of regulation. Operates with supply voltages from 4.5 to 40 volts DC. 8-pin DIP with data. 276-1717 ..... 1.59

## Rectifiers and Bridges for Power Supplies & Replacement



Low As **49¢** Pkg. of 2

D Micromini 1-Amp Diodes. 30A surge			
Type	Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
1N4001	50	276-1101	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79

E 3-Amp "Barrel" Diodes. 300A surge			
Type	PIV	Cat. No.	Pkg. of 2
1N5400	50	276-1141	.79
1N5402	200	276-1143	.89
1N5404	400	276-1144	.99

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Use in high voltage and high-current power supplies. Just 1/4 x 3/16". 276-1114 ..... Pkg. of 3/1.49

## SCRs and Triacs

TO-220 Cases

Low As **99¢**

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.

Voltage	Cat. No.	Each
200	276-1067	.99
400	276-1020	1.19

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. With data.

Voltage	Cat. No.	Each
200	276-1001	1.29
400	276-1000	1.49

## Small-Signal Diodes

Pkg. of 10 **99¢**

1N914/4148. Silicon switching diodes. 75 peak inverse voltage (PIV)

276-1122 ..... Pkg. of 10/99¢

1N34A. General purpose germanium diodes. 60 PIV

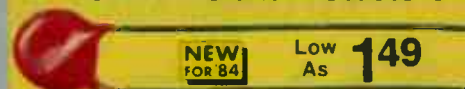
276-1123 ..... Pkg. of 10/99¢

## One-Watt Zener Diodes

Pkg. of 2 **89¢**

Type	Zener Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

## MOV Transient Protectors



**NEW FOR 84**

Low As **149**

MOVs (metal oxide varistors) are voltage dependent, non-linear devices that protect sensitive loads by diverting potentially damaging voltage transients. Two leads—easy to install.

V8ZA1. For digital and linear circuits operating at 5 volts DC and below. 276-569 ..... 1.49

V130LA10A. Guards 120VAC equipment and telecommunications circuits. Less than 35 nanoseconds response time! 276-570 ..... 1.59



# ARCHER® TRANSISTORS—PERFECT REPLACEMENTS

We Can Replace Over 60,000 Transistor Types!



TO-220 TO-5 TO-92 TO-92+ TO-3

- Top Quality at Low Prices
- Data and Pin-Out Included

See Radio Shack Semiconductor Reference Guide (right) for Complete Cross-Reference List

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE	Sylvania	RCA						
	Type GE-	Type ECG-	Type SK-						
2N1305	53	158	3004	PNP-G	SW	150mW	TO-5	276-2007	1.19
MPS222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.79
PN2484	81	123A	3024	PNP	LL	360mW	TO-92	276-2010	.89
MPS3904	20	123A	3122	NPN	W	350mW	TO-92	276-2016	.69
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	1.59
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.79
MJE34	34	197	3084	PNP	P	90W	TO-220	244-2027	1.49
2N3053	241	128	3024	NPN	P	1W	TO-92+	276-2030	.89
MPS3638	82	159	3025	PNP	RF/IF	350mW	TO-92	276-2032	.79
TIP120	—	261	3180	NPN-D	HG	65W	TO-220	276-2068	1.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	1.99
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	2.19
2N4124	20	123AP	3444	NPN	GP	350mW	TO-92	276-2057	.59
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.59
MPSA06	63	297	3024	NPN	GP	625mW	TO-92	276-2059	.59
MPSA13	64	172A	3156	NPN-D	HG	625mW	TO-92	276-2060	.59
MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	.69
MU4891	—	—	—	Unijunction		360mW	X55	276-2029	.99

## Japanese Replacement Transistors

Type	Polarity	Use	Diss.	Case	Cat. No.	Each
2SD313	NPN	AP	30W	TO-220	276-2048	1.79
2SC945	NPN	GP	250mW	TO-92	276-2051	.79

## N-Channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent	Use	Diss.	gfs min/max μmhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	.99
MPF102	VHF Amp. Mixer	310mW		TO-92	276-2062	.99

\*In most circuits. See product package for exact device specs.  
AP = Audio Power Amp  
D = Darlington

G = Germanium  
GP = Gen. Purpose  
HG = High Gain  
HV = High Voltage  
LL = Low Level

P = Audio Power Amp. Switch  
SW = Switch  
NOTE: Parameters are at 25°C

## High-Performance Power MOSFETs



FET advantages at high power levels! Require very small input current and offer switching times of 100 ns or less. Practically immune to thermal runaway. Easy to parallel for use in high-power circuits. You'll say, "Incredible little devices!"

**A** IRFD-123. Rated 60VDC, 400 mA, 1 watt diss. "On" resistance 3.2 ohms. 4-pin DIP—two fit 8-pin socket. 276-2073 ..... 1.49

**B** IRF-511. Ideal for switching-type power supplies, motor controls, power inverters, audio amplifiers, choppers, even for synchronous rectification. Handles up to 60VDC and 3 amps of current. "On" resistance only 0.6 ohms! TO-220 case. 276-2072 ..... 2.59

## TV Horizontal Output



**795**  
TO-3 Case

Used in Many Late-Model 19" Color TV Sets

25C1308. Factory-fresh, premium grade NPN transistor replaces ECG-238, GE-38 and SK-3115. With insulator, bushings. 276-2055 ..... 7.95

## Heat Sink Grease



**129**

Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis 6.5 grams. 276-1372 ..... 1.29

## Dynamic Transistor Checker Tests In or Out of Circuit

**1495**

Tests PNPs and NPNs, Silicon and Germanium

Makes Go/No-Go tests on small-signal and power types and allows you to match similar transistors. Indicates relative current gain, "opens" and "shorts." Has a front-panel socket plus hook-clip leads for in-circuit tests. Output jacks let you connect to an external meter or scope. 2 3/4 x 4 3/8 x 1 3/16". Requires "AA" battery. 22-025 ..... 14.95



## Information-Packed Books for Builders, Students and Repair Technicians



C

**NEW FOR '84**

Low As **249**

Sold Only at Radio Shack!



D

**C** Semiconductor Reference Guide. 1984 edition. Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Also provides detailed data on Radio Shack ICs, SCRs, LEDs, diodes and opto devices. Many helpful replacement tips, too. Illustrated Over 250 pages. 276-4007 ..... 3.49

**D** Getting Started in Electronics. By Forrest Mims III. The perfect introduction to the exciting world of electronics. Written in clear, easy-to-understand language by one of America's most popular technical authors. The book encourages "hands-on" experience. Learn the "hows" and "whys" by building your own circuits. 128 pages. 276-5003 ..... 2.49

## Transistor Sockets and Mounting Hardware



E

F

G

H

Low As **49¢**

**E** TO-220 Heatsink. Anodized aluminum. Ideal for PC-board mounted devices in TO-220 cases. 276-1363 ..... 79¢

**F** Greaseless Insulator for TO-220 Devices. Special material with high heat conductivity. Use in place of mica washer between device and heat sink or chassis. *No grease needed.* 276-1366 ..... Pkg. of 3/79¢

**G** TO-3 Sockets. For transistors, regulators and other devices in TO-3 cases. 276-029 ..... Pkg. of 2/69¢

**H** Transistor Sockets. Accept devices with inline or triangle contact pattern, small crystals, too! 276-548 ..... Pkg. of 6/1.69

**I** Mounting Hardware Sets. For power transistors and other semiconductors. Include screws, insulating washers, solder lug and bushings. For TO-3 cases. 276-1371 ..... Set 49¢ For TO-220 Cases. 276-1373 ..... Set 49¢

**K** Construction Heat Sinks. For soldering transistors and other heat-sensitive devices without damage. Straight and bent-jaw types. With handy magnetic base. 276-001 ..... Set of 5/2.29

# SHACK® LINEAR ICs—HIGH TECH AT LOW PRICES

## Voice Synthesizer Set



SP0256,  
28-Pin

SPR16,  
14-Pin

NEW  
FOR 84

**1295**  
Set of 2 ICs

**SPO256 Speech Processor.** The easy, low-cost way to get into "solid-state" talk! NMOS LSI device uses a stored program to synthesize speech or complex sounds. Works with a few simple support parts, or use the SPR16 Serial Speech ROM, included, for computer interfacing. SPR16 contains 32 "talking clock" statements, 3 melodies. With data. Requires 3 12 MHz crystal—order through your local Shack.

276-1783 ..... Set 12.95

## Dual Switched Filter



NEW  
FOR 84

**795**

Capacitors  
Not Required

20-Pin

**MF10.** Versatile CMOS building block for active filters—eliminates the need for expensive, close-tolerance parts. High performance, yet very easy to use. Requires only six resistors and 150 kHz clock for a 4th order, 1 kHz Butterworth low-pass filter. A complete filter for a full-duplex 300-baud modem needs only two MF10s, 15 resistors, clock and  $\pm 5$ VDC! Center frequencies up to 20 kHz. Clock to center frequency ratio accuracy: 6%. Single or split supply. With data.

276-2329 ..... 7.95

## 28 Pins, 28 Built-In Tunes



NEW  
FOR 84

**599**

**AY-31350 Melody Synthesizer.** NMOS device is ideal for custom door bells and musical funboxes. Pre-programmed with Toreador, William Tell, Yankee Doodle, Brahms' Lullaby, Blue Danube, Clementine, Star Wars, America, Beethoven's 5th, God Save the Queen, Jingle Bells, Wedding March, O Sole Mio, other pop and classical favorites. Or add a PROM and create your own! 4-door capability when used as doorchime. Adjustable pitch and speed. Auto switch-off at end of tune. With data. 276-1782 ..... 5.99

## Compressor/Expander



**699**

16-Pin

Dynamic Range  
Greater Than 110 dB!

**NE572.** High-performance dual-channel device for audio. Either channel can be used for dynamic range compression or expansion. Independent control of attack and recovery time with minimum parts. Ideal for hi-fi noise reduction, communications speech processing. 6 to 22VDC, single supply. With data. 276-1781 ..... 6.99

## Waveform Generator



**595**

14-Pin

Function Generator in One IC

**ICL8038.** Produces high-accuracy sine, square, triangle, sawtooth and pulse waveforms with minimum external parts. Simultaneous high-level sine, square, triangle outputs are available, (TTL to 28V). Range is .001 Hz to over 300 kHz using resistors or capacitors. Can be FM'ed and frequency swept with external voltage. Low distortion. Single/split supply.

276-2334 ..... 5.95

## Stereo Reverb IC



**1195**

16-Pin

Build a Sound  
Shaper for Your  
Hi-Fi or Musical  
Instrument Amplifier

**SAD1024 Dual Analog Delay Line.** Contains two 512-stage analog shift registers for independent or in-series use. Adds exciting variable reverb, phase shift, echo, chorus or vibrato effects to audio signals. NMOS design, operates from single supply. With data.

276-1761 ..... 11.95

## Sound Synthesizer



**249**

16-Pin

Microprocessor  
Controllable

**SN94281.** This IC, a few inexpensive parts and your imagination can create a variety of exciting sounds—sirens, bells, bomb drops, percussion, musical tones, "arcade" effects and much more. Built-in 125 mW amp drives speaker. 7.5 to 10.5VDC single supply. Heart of a fun project!

276-1767 ..... 2.49

## Operational Amplifiers (Op Amps)



Low As  
**79¢**

**741.** Frequency compensated. Overload protected. Split supply, 5 to 16VDC. 8-pin DIP. 276-007 ..... 79¢  
**1458 Dual Op Amp.** Internally compensated. Low power. Split supply, 5-16VDC. 8-pin. 276-038 ..... 99¢  
**LM324 Quad Op Amp.** Single 3 to 30VDC or split 1.5 to 15VDC power supply. 14-pin. 276-1711 ..... 1.29  
**BIFET Op Amps.** Low-noise, high-impedance JFET inputs. 13V per  $\mu$ S slew rate. Split 4 to 18VDC supply.

Type	DIP	Cat. No.	Each
TL082 (Dual)	8-pin	276-1715	1.89
TL084 (Quad)	14-pin	276-1714	2.99

**LM3900 Quad Norton Op Amp.** Single 4 to 36VDC supply. Unity gain bandwidth: 2.5 MHz. Useful in RC active filters, tachs, more. 14-pin DIP. 276-1713 ..... 1.39  
**LM339 Quad Comparator.** Four independent voltage comparators in a 14-pin package. Single 2 to 32V supply. 276-1712 ..... 1.49

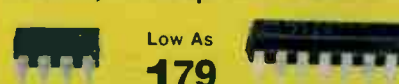
## Audio Power Amplifiers



Low  
As  
**109**

**LM3837/TDA2002.** Designed for autosound but has many other uses. Produces up to 8 watts rms at 13.8VDC. For 4-ohm loads (two 8-ohm speakers paralleled). Built-in thermal shutdown. 5-pin TO-220. Heat sink required. 276-703 ..... 3.19  
**LM386.** Low-voltage amplifier for 8-ohm loads requires minimum support parts—ideal for projects and replacement use in battery-powered devices. 400 mW output. Fixed gain: 20, adjusts to 200 by external resistor, capacitor. 4-12VDC. 8-pin DIP. 276-1731 ..... 1.09  
**TA7205AP.** Japanese automotive replacement. 5.8-watt output. 9-18VDC. THD: 0.07%. 276-705 ..... 2.99  
**LM380.** 2.5-watt amplifier for 8-ohm loads is ideal for TV sound systems, radios, phonographs, intercoms and projects. 150k-ohm input. Features internal thermal limiting. 8-10VDC. 14-pin DIP. 276-706 ..... 1.59

## Video, IF Amp and FM ICs



Low As  
**179**

**MC1330 Video Detector.** 3rd IF, detector, video and AFC buffers. High linearity. Outputs: wideband video, AFT, narrow-band reverse video. 10-24VDC. 8-pin with data. 276-1757 ..... 2.29  
**MC1350 Universal IF Amp With AGC.** For radio and TV circuits, up to 60 MHz. Typical gain at 45 MHz: 50 dB. 12VDC. 8-pin. 276-1758 ..... 1.99  
**MC1358/CA3065 FM Detector.** IF amp, limiter, FM detector, electronic volume attenuator and audio driver in a 14-pin IC. Ideal for TV replacement or in homebrew receivers (100 kHz to 5.5 MHz IFs). 10-24VDC. With specs. 276-1759 ..... 1.79  
**SFE4.5MB.** Ceramic TV-Sound Filter. NEW! Pre-tuned. Use in place of 4.5 MHz transformer. Input/output impedance: 1 k-ohm. 272-1304 ..... 69¢  
**CDA4.5MD3 4.5 MHz Ceramic Discriminator.** NEW! Works great with FM detector IC #276-1759, above. 272-1305 ..... 79¢

## High-Performance Stereo Preamp



Was \$1.29 in  
1983 Catalog

**99¢**

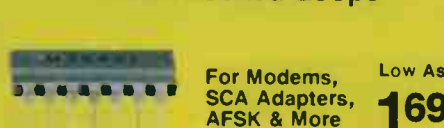
8-Pin

ONE  
OF  
OVER  
NEW LOW PRICES  
**350**

• High Gain  
• Wide Separation

**LM387 Low-Noise Stereo Preamplifier.** Ideal for custom high-fidelity systems, magnetic cartridge and tape head preamplifiers. Offers high gain (104 dB, open loop) and 60 dB channel separation. 0.8 microvolt total input noise. Operates from single 9 to 30VDC supply. With data. 276-1737 ..... 99¢

## Phase-Locked Loops

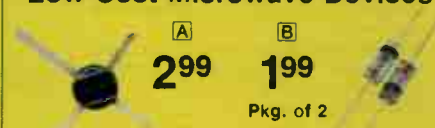


For Modems,  
SCA Adapters,  
AFSK & More

Low As  
**169**

**LM567.** Tone detector. Operates from 0.01 Hz to 500 kHz. 4.75 to 9VDC. 8-pin. 276-1721 ..... 1.99  
**LM565.** For FM SCA and RTTY decoders, modems, IR communicators and more. 14-pin. 276-1720 ..... 1.69

## Low-Cost Microwave Devices



**A**  
**299**

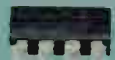
**B**  
**199**

Pkg. of 2

**A** MRF-901 NPN Transistor. Useful to beyond 2 GHz. Macro-X case. 300 mW. 276-2044 ..... 2.99  
**B** 5082-2835 Schottky Barrier Diodes. Ideal for UHF and microwave stripline mixers. Maximum capacitance: 1 pF. 276-1124 ..... Pkg. of 2/1.99

# 33 MORE VALUES IN UP-TO-DATE SOLID-STATE

## Telephone Ring Detector



**399**

**NEW FOR 84**

8-Pin Phone Line Powered

Available Sept. 30, 1983

TCM1512A. Ideal for remote ringers. It's also a simple and inexpensive way to add a "bell" to surplus, antique or damaged telephones. Detects ring and drives an external piezo element. Output is 800 to 2 kHz with a 10 Hz warble, adjustable with external resistor. On-chip static protection and anti-tap circuitry. With data 276-1302 3.99

## Single-Supply UART



40-Pin

**595**

For Computer Communications

AY-3-1015. Full-duplex universal transceiver accepts asynchronous serial binary characters and converts to a parallel format, and vice versa. User selectable baud rate, number of data bits per character, stop bits and parity mode. Inputs are directly compatible with DTL, TTL and CMOS. 3-state strobe outputs. Fully double buffered—eliminates need for system synchronization. Low power. 4.75-5.25VDC. With specs and data 276-1794 5.95

## Bipolar and CMOS Timer ICs



Low As

**99¢**



Bipolar. Resettable time from one microsecond to one hour. Output will source or sink 200 millamps. Operate from 4.5 to 16VDC

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	.99
556 (Dual)	14-pin	276-1728	1.49

7555 CMOS. Replacement for 555 with very low power consumption (80 microamps). Will source or sink 100 mA. 8-pin DIP. 276-1743 1.99

µA2240 Programmable Timer/Counter. NEW! Provides very accurate timing from microseconds to days. Cascade two for months, even years. Consists of a time-base oscillator, an eight-bit counter, a control flip-flop and a voltage regulator. Frequency of time base is set by external resistor and capacitor and can be synchronized or modulated. A time-base output may be used to monitor frequency or provide pulse to other circuitry. The eight outputs are TTL, DTL and CMOS compatible. 5 to 15VDC operation, single supply. 16-pin DIP with specs and data 276-1735 2.49

## Tone-Dialing Encoder



**399**

**NEW FOR 84**

16-Pin

Dependability At Minimum Cost!

TCM5089. Accurate, stable dual-tone output with low THD—meets industry standards without adjustment. Just add keyboard resistor, our TV colorburst crystal (#272-1310) and power source to operate. Low-cost way to add tone dialing to rotary phones. Microprocessor addressable, too—usable in an auto-dial modem. Dual/single-tone capability. Phone line or 9VDC power. 276-1301 3.99

## Dual Baud Rate IC



18-Pin

**895**

**NEW FOR 84**

AY-5-8116. Generates the full spectrum of asynchronous/synchronous data communication frequencies for use with UARTs such as #276-1794, above. On-chip crystal oscillator provides master reference frequency (Requires 5.0688 or 4.9152 MHz crystal available through Radio Shack). Single 5VDC supply. With specs and data 276-1795 8.95

## IC Inserter/Extractor Set

Safe Way to Handle 8 to 24-Pin DIPs

**695**

Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both tools groundable to protect static-sensitive MOS devices. 276-1574 Set 6.95



## LED Flasher



8-Pin

**109**

Adjustable Flash Rate

LM3909 LED Flasher. Pulses LEDs with minimum current drain and external parts. Great experimenter's item—has dozens of other uses and you may discover more. Single 1.5 to 6VDC supply. 276-1705 1.09

## CdS Photocell

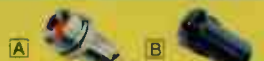


**129**

For Security, Counting, Even Model Railroad!

Cadmium-sulfide cell offers wide resistance range—approximately 3 megohms in darkness to 100 ohms in bright light, 200 milliwatts at 170V, max. 1/2 x 1/4". 276-116 1.29

## LEDs With Holders For Panel Mounting



A Chrome Holders. Mount in 1/4" hole. Require 2VDC.

Color	Cat. No.	Pkg. of 2
Red	276-068	1.59
Green	276-069	1.59
Yellow	276-073	1.59

B Snap-In Holders. Mount instantly in 5/16" holes

Color	Cat. No.	Pkg. of 2
Red	276-018	1.79
Green	276-019	1.89

## Light Up Your Projects With LEDs



• Wide Selection of Colors, Sizes and Shapes  
• Complete Electrical Specifications Included

T-1 3/4 (Jumbo) Size. With diffused lens

Fig.	Color	Cat. No.	Pkg. of 2
C	Red	276-041	.69
D	Yellow	276-021	.79
E	Green	276-022	.79

T-1 (Miniature) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
F	Red	276-026	.79
G	Green	276-037	.89

H TLR-107 High-Brightness Red LEDs With Fresnel Lens. Mount in 3/16" hole. 2V at 20 mA typical. 276-033 Pkg. of 2/89¢

J Red Rectangular LEDs. High brightness. Stack vertically or horizontally. 276-070 Pkg. of 2/99¢

K Chrome LED Panel Lamp Holders. Accept standard T-1 3/4 LEDs. 3/32" mounting hole. 276-080 Pkg. of 2/1.19



6-Pin DIP

## Infrared Optotriac

**199**

MOC3010. 1000V isolation, minimum. LED input. Triac output controls 120VAC, 100 mA max. 276-134 1.99

## High-Output IR LED

**149**

880 Nanometer Near-Visible Emission

XC880-A. Low power consumption, yet emits as much energy as three regular infrared LEDs! 276-143 1.49

## Emitter/Detector

**199 Pair**

LED source rated 20 mA at 1.7VDC. Sensitive phototransistor detector. For short-range IR projects. 276-142 Pair 1.99

## Infrared Photo Transistor

**89¢**

TIL414. High-speed NPN for data links, model train switching, more. 50 mW. T-1 3/4 case. 276-145 89¢

## Phototransistor Bargain

**89¢**

Silicon. Similar to FPT-100. Sensitive, TTL/DTL compatible. 276-130 89¢

## Tri-Color LED

T-1 3/4 Size **139**

XC-5491. Perfect for status indicators and testers. Glows red on DC, green on reverse DC, yellow on AC! 2.2V at 25 millamps, typical. 276-035 1.39

## LED Bar Graph

**399**

Fits 20-Pin DIP Socket

MV57164. Convenient way to add metering to audio equipment and many other circuits! Ten high-efficiency red segments. With data 276-081 3.99

## Digital Displays

Low As

**159**

Each



0.3" Numerals

Left-Hand Decimal. Bright seven-segment LED displays rated 1.7VDC per segment, 20 mA typical. Fit 14-pin DIP sockets.

Common	Cat. No.	Each
Anode	276-053	1.79
Cathode	276-075	1.59

# PUT IT TOGETHER WITH PARTS FROM RADIO SHACK

## Wide Selection of Predrilled PC Boards



- A** NEW! LSI PC Board. Accepts ICs with up to 42 pins. Provides 580 holes with solder rings for mounting support components.  $3\frac{1}{16} \times 2\frac{3}{4}$ ". Mounting holes at corners. 276-167 ..... 2.19
- B** NEW! Memory PC Board. Makes it easy to add more memory! Mounts up to nine 16 or 18-pin ICs. Features four busses plus 72 holes with solder rings for mounting support components. Mounting holes at corners.  $6\frac{1}{2} \times 1\frac{1}{2}$ ". 276-184 ..... 1.99
- C** NEW! Universal PC Board. Accepts ICs up to 40 pins. Total of 750 indexed holes with solder rings for mounting support components. Two busses, one grounding strip. Mounting holes at corners.  $3\frac{3}{8} \times 2\frac{7}{8}$ ". 276-168 ..... 1.95
- D** Grid Board. 750 holes with solder rings, indexed with letters and numbers on both sides for easy identification of component pinouts—really speeds wiring.  $100 \times 100$  centers for DIP ICs, sockets
- and headers.  $2\frac{3}{4} \times 3\frac{3}{4}$ ". 276-158 ..... 1.95
- E** Dual Grid Board. Dual version of Fig. D. 276-161 ..... 2.95
- F** IC/LSI Board. Ideal for projects using LSI ICs up to 40 pins. 750 holes with solder rings, indexed on both sides. DIP centers.  $2\frac{3}{16} \times 3\frac{3}{4}$ ". 276-162 ..... 1.95
- G** Dual IC Board. Accepts two 6 to 20-pin DIP ICs. Provides four connecting points for each IC pin.  $1\frac{3}{4} \times 3\frac{3}{8}$ ". 276-159 ..... 1.49
- H** Single IC Board. Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding.  $2\frac{1}{8} \times 1\frac{1}{2}$ ". 276-024 ..... 1.09
- I** Multi-Purpose Plug-In Board. Poly-glass.  $4\frac{1}{2} \times 4"$  with  $\frac{1}{16}$ " grids. Fits 44-pin socket. 276-152 ..... 3.69
- K** Three-Voltage Source Plug-In Board. Like Fig. J, but has three busses. Ideal for op amp circuits. 276-154 ..... 3.69



## Breadboarding System

- Design and debug your circuit on one of the reusable breadboards, then transfer the final version to matching PC board, or record it on a scratchpad sheet for future reference
- L** NEW! Modular Breadboard Scratchpads. Printed with identical pattern of 276-170 and 276-174. 3 pads, total of 90 sheets. 276-185 ..... 99¢
- M** Experimenter's PC Board. Layout matches breadboard sockets. 550 pre-drilled connection points.  $2\frac{1}{16} \times 5\frac{7}{16} \times \frac{1}{16}$ ". 276-170 ..... 2.99
- N** Modular IC Breadboard Socket. Snap together horizontally or vertically. Silver-nickel contacts accept 30 to 22-gauge solid wire. Two bus strips, 550 indexed connection points.  $2\frac{1}{8} \times 6"$ . 276-174 ..... 11.95
- O** Modular IC Breadboard Socket. Smaller version of Fig. N with 270 indexed connection points.  $2\frac{1}{8} \times 3\frac{5}{8}$ ". 276-175 ..... 6.95
- P** NEW! Universal Breadboard.  $2\frac{1}{4} \times 6\frac{1}{2}$ " breadboard is mounted on a  $7 \times 4"$  "stay-put" steel base with rubber feet. Accepts DIPs, discrete components and up to 22-gauge wire. Total of 640 plug-in tie points. 3 binding posts for power hookup, etc. 276-169 ..... 19.95

## Making Your Own PC Boards is Easy and Fun!



- Q** PC Board Kit. Two  $4\frac{1}{2} \times 3"$  boards, resist-ink pen and solvent, etchant, layout strips and circles, tank,  $\frac{1}{16}$ " drill bit and complete instructions. 276-1576 ..... 8.95
- Extra Pen. 276-1530 ..... 1.39
- Extra Etching Solution. 16 oz. in plastic bottle. 276-1535 ..... 2.49
- R** Direct-Etch Dry Transfers. So easy! Four transparent sheets have rub-on circles, strips, IC pads and more. Press on to a copper clad board and you're ready to etch. 276-1577 ..... Set of 4/2.59

## Wire Wrapping Tool



**595** Includes Handy Wire Stripper

Balanced  $4\frac{1}{2}"$  all-metal tool for making solid wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. 276-1570 ..... 5.95

## 30-Gauge Kynar® Wire

**239** 50-Ft. Spools



Use with any wrapping tool to make fast, reliable connections.

Color	Cat. No.	50-ft. Spool
Red	278-501	2.39
White	278-502	2.39
Blue	278-503	2.39
Yellow	278-504	2.39

## Wrap DIP Sockets



Low As **119** Pkg. of 2

Balanced  $4\frac{1}{2}"$  all-metal tool for making solid wrap connections—much faster than soldering! Strips, wraps and unwraps 30-gauge wire. Stripper stores in handle. 276-1570 ..... 5.95

## Square 0.25" Posts

Posts accept 3 levels of wrap

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.19
14	276-1993	1.29
16	276-1994	1.39

## PC Boards and Push-In Terminals

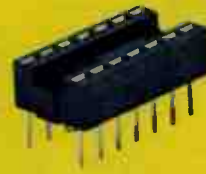
### R IC-Spacing Perforated Boards

Size	Cat. No.	Each
$4\frac{1}{2} \times 6"$	276-1394	1.89
$2\frac{3}{4} \times 6"$	276-1395	1.49
$6 \times 8"$	276-1396	2.59

- S** Push-In Terminals. Ideal for breadboarding. Fit Fig. R and other boards with  $\frac{3}{64}$ "-dia. holes. 270-1392 ..... Pkg. of 100/2.29
- T** Solid Copper-Clad Board. Copper clad on one side. No holes.  $6 \times 6"$ . 276-1587 ..... 2.19
- U** PC Board Assortment. 85 square inches! May include phenolic, glass, double and single-sided boards. 276-1591 ..... 1.98
- V** NEW! Nylon Spacers for PC Boards. Fast and easy way to mount PC boards  $\frac{3}{8}"$  from chassis or enclosure. Spacers snap into place—no additional hardware needed. Require 4mm diameter mounting holes in PC board and 4.8mm holes in chassis. 270-1391 ..... Pkg. of 8/69¢



## Low-Profile DIP Sockets



Low As **49¢**

Quality non-wicking sockets for PC use. Low-resistance contacts.

Type	Cat. No.	Price
8-Pin	276-1995	2/59¢
14-Pin	276-1999	2/89¢
16-Pin	276-1998	2/89¢

Type	Cat. No.	Each
18-Pin	276-1992	.49
20-Pin	276-1991	.59
24-Pin	276-1989	.79
28-Pin	276-1997	.89
40-Pin	276-1996	.99

## 16-Pin DIP Jumper



**399**

Two 16-pin DIP plugs connected by an 18"-long color-coded ribbon cable. 276-1976 ..... 3.99

## 16-Position DIP Header



NEW for 84 **169**

Mounts resistors, capacitors, jumpers and more for plug-in use in 16-pin DIP sockets. With cover. 276-1980 ..... 1.69

## IC Static Protector





**89¢**

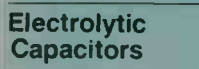
$5 \times 5"$  conductive foam mat for workbench or shipping. Protects static-sensitive ICs and other components. 276-2400 ..... 89¢

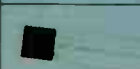
# SHACK®—YOUR PLACE TO SAVE ON QUALITY PARTS


## Archer-Paks! Super Buys, Only \$1.98 Each

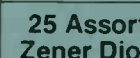
**50 Silicon Switching Diodes**  
  
 1N914/1N4148. Ideal for logic. Switching time low as 4 ns. PRV: 90. Long axial leads. 276-1620 ..... 1.98

**Eight Digital ICs**  
  
 Includes one each: 7400, 7408, 7474, and five other digital ICs. 276-1651 ..... 1.98

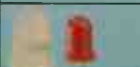
**Electrolytic Capacitors**  
  
 Assorted pack of 20 minis and subminis. 0.1 µF to 47 µF. Ratings to 50WVDC. 272-802 ..... 1.98

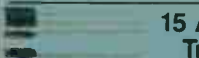
**15 Silicon NPN Transistors**  
  
 General-purpose amplifier, high-speed, medium power switch. Diss: 600 mW. Similar to type 2N2222. 276-1617 ..... 1.98


**Six Linear ICs**  
  
 Contains one each: 555 timer, 741 op amp, 1458 dual op amp plus three other linear ICs. 276-1652 ..... 1.98


**25 Assorted Zener Diodes**  
  
 Ratings from 2.8 to 120V 250 mW to 5 watts. May include double anode types. 276-1629 ..... 1.98

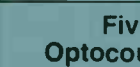
**12 Potentiometers And Trimmers**  
  
 Assorted values, styles. Nylon cases. May include wirewounds and multi-turns. 271-1605 ..... 1.98

**20 Assorted LEDs**  
  
 May include types MV-5054, MV-50, RL-209 in red, green, amber. IR-emitting and battery indicators. 276-1622 ..... 1.98

**15 All-Purpose Transistors**  
  
 Popular NPN small-signal type for amplifying and switching. Diss: 300mW, V<sub>CEO</sub> 40V. Typical h<sub>FE</sub> 50. TO-92 case. 276-1603 ..... 1.98

**15 Amplifying Transistors**  
  
 PNP small-signal type— one of the most popular. Diss.: 350 mW V<sub>CAC</sub> 40V. Typical h<sub>FE</sub> 50. TO-92 case. 276-1604 ..... 1.98

**1N4000-Series Diodes**  
  
 Contains 25 rectifier diodes. Ten 1N4001s, five 1N4002s, five 1N4004s, and five others. 276-1653 ..... 1.98

**Five Optocouplers**  
  
 Includes one each: TIL111, MCT2, H11A1, plus two others. 276-1654 ..... 1.98

## Connectors for Computers and Peripherals



**A** Card Edge Connectors. Solderless, reusable type for ribbon cables.

Positions	Cat. No.	Each
34	276-1564	4.95
50	276-1566	4.95

**B** 44-Position Card-Edge Socket. Fits plug-in boards such as Figs. J and K on facing page. 276-1551 ..... 2.99

**C** D-Submini 25 Male. For RS-232C bus. Reusable type. 276-1559 ..... 4.99

**D** D-Submini 25 Female. Ideal for cable extensions. Reusable type. 276-1565 ..... 4.99

**E** 25-Conductor, 5-Ft. Ribbon Cable. 278-772 ..... 3.59

**F** Solder D-Submini 25 Connectors. (Not shown). Male. 276-1547 ..... 2.99

Female. 276-1548 ..... 3.99

**G** Hood. Fits both. 276-1549 ..... 1.99

**H** NEW! 9-Position D-Sub Connectors. Fit joystick ports of many video games and computers. For chassis mounting or making joystick extension cords.

**F** Plug. 276-1537 ..... 1.99

**G** Socket. 276-1538 ..... 2.49

**H** Hood. Fits both. 276-1539 ..... 1.99

## Radio Control Modules

Ideal for wireless remote control of toys, models, novelty items and more. These prewired PC modules require just a few low-cost components to complete your system. Provides four functions: Forward, forward with right turn, forward with left turn and reverse. Receiver controls two DC motors directly. Transmitter, 3 1/16 x 1 x 7/16". Receiver, 1 5/8 x 3 x 3/4". Operate on 27.145 Mhz. Require 9VDC and 1.5VDC. With data. 277-1012 ..... Set, 16.95

**NEW FOR 84**  
**16.95**  
 Set



Receiver



Transmitter

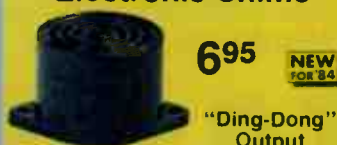
## High-Performance TV RF Modulator Module 995

UM1285. This mini TV transmitter accepts line-level color or b/w video signal and sound. It delivers a standard TV signal on VHF channel 3 or 4 through phono jack. Requires 6VDC. With pin-out and data. 277-221 ..... Set, 9.95



Ideal for Use With Video Games, Computers, Adapters, Projects

## "Doorbell" Electronic Chime



**6.95**  
**NEW FOR 84**

## "Ding-Dong" Output

Three lead device contains an IC and operates on 1.5VDC. Use momentary contact switch (not incl.) to trigger. Current drain: 30 mA. Sound pressure: 75 dB. Approx. 1 1/4 x 1 3/4". Mounting holes: 1 7/16" apart. 4 3/4" leads. 273-067 ..... 6.95

## Loud Piezo Buzzers



**Low As 1.49**  
**NEW FOR 84**

**J** NEW! Pulsing Piezo Buzzer. Resonant frequency approx. 2800 Hz. Operates on 3 to 28VDC. 12 mA at 12 volts. Sound level 95 dB. Mounting tabs with holes 50 mm apart. Overall: 42mm diameter x 14.5mm high. 273-066 ..... 3.59

**K** Piezo Buzzer With Leads. Piercing 4.8 kHz signal really gets attention! 1.5 to 20VDC. Ideal for battery-powered circuits—draws just 12 mA at 9V. 1 3/8 x 3/8". 273-060 ..... 2.99

**L** PC Board-Mount Piezo Buzzer. Perfect for projects and security. Use as replacement or upgrader in clock radios, smoke detectors and more. Requires 3.0-20VDC. 12 milliamps at 12VDC. 17.5 x 4.5mm diameter. 273-065 ..... 2.49

**M** Piezo Element. Small, yet delivers up to 90 dB at 6.5 kHz. Requires external driver circuit. 1 1/8" mounting centers. With data. 273-064 ..... 1.49

## Mini DC Buzzers

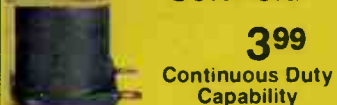


**NEW FOR 84**  
**1.69**  
 Each

Small enough to hide, loud enough to demand attention! 1 1/16" mounting centers. With leads for easy hookup.

DC Voltage	Cat. No.	Each
1.5-3	273-053	1.69
6	273-054	1.69
12	273-055	1.69

## Versatile 12VDC Solenoid



**3.99**

## Continuous Duty Capability

Plunger will pull in 1/8" and hold up to 1/4 pound. Ideal for robotics, model railroads, opening valves, latches and more. Coil: 31 ohms, 430 mA at 12VDC. 1 1/8 x 1 1/16 x 1 1/16" body. 273-251 ..... 3.99

## DC Buzzer in Metal Case



**1.89**

## Low Current Requirement

Super loud, with low current drain—ideal for battery powered circuits. Approximately 2" diameter by 1 3/4". With hookup lead. 12VDC. 273-051 ..... 1.89

# AUDIO PLUG ADAPTERS AND XLR CONNECTORS

## Adapters for Mini Stereo Headphones



- A** 3-Conductor Mini Plug "Y". Two  $1/8$ " stereo jacks to one  $1/4$ " stereo plug 274-313 2.69
- B** Stereo "Y"-Adapter. Two RCA-type phono jacks to one stereo  $1/8$ " plug Jacks are L-R color-coded for playback and recording 274-369 1.99
- C** Dual Jack "Y"-Adapter. Two  $1/8$ " stereo jacks to  $1/4$ " stereo plug 274-305 3.49
- D**  $1/4$ " Stereo Phone Jack to  $1/8$ " Stereo Phone Plug. Use standard stereo phones with personal portables 274-366 2.59

- E**  $1/8$ " Stereo Phone Jack to  $1/4$ " Stereo Phone Plug. 274-367 2.39
- F** Right-Angle  $1/8$ " Stereo Phone Jack to  $1/4$ " Stereo Phone Plug. 274-371 2.59
- G** Right-Angle  $1/8$ " Stereo Phone Jack to  $1/8$ " Stereo Phone Plug. Can be used for stereo or mono 274-372 1.99
- H**  $1/8$ " Stereo Phone Jack to  $1/8$ " Mono Phone Plug. Use "mini" stereo headphones with TVs, portable radios, tape recorders communications gear 274-368 1.19

## Adapters for Headphones, $1/4$ " Plugs



- Y** Y-Adapter. Dual RCA-type phono jacks to  $1/4$ " stereo plug 274-308 2.99
- Z** Stereo Dual Jack Adapter. Share your music! Drive two stereo headphones from a single  $1/4$ " stereo jack. 274-302 2.99
- AA**  $1/8$ " Dual Jack Adapter. Two  $1/8$ " jacks to one  $1/8$ " plug Mono 274-310 1.59
- BB**  $1/4$ " Stereo Jack to Mono  $1/4$ " Phone Plug. Use stereo headphones with CBs, ham, shortwave and scanner radios. mono audio equipment. 274-360 1.49
- CC**  $1/4$ " Stereo Jack to  $1/8$ " Mono Phone Plug. 274-361 1.59
- DD**  $1/8$ " Mono Jack to  $1/4$ " Stereo Plug. Permits listening or recording in mono from stereo headphone jack. 274-363 1.59
- EE** Phono Jack to  $1/4$ " Stereo. Combines left and right channels from stereo headphone jack to mono-output RCA-type phono jack. 274-365 1.29

## Adapters Make Hookups Easy



- J** Adapter Set. Mono  $1/8$ " mini plug to:  $3/32$ " submini jack,  $1/4$ " phone jack, RCA-type phono jack. 274-359 3-Piece Set, 2.49
- K** Dual Mike/Speaker "Y"-Adapter. Two  $1/4$ " mono phone jacks to  $1/4$ " mono plug. 274-309 2.59
- L** Dual Phono Jack Couplers. Connect two cables with RCA-type phono plugs. 274-1553 Pkg. of 2/1.39
- M** Dual Miniature Jack Coupler. Connects two cables with  $1/8$ " phono plugs. 274-1554 1.29
- N** Phono Plug Adapters. RCA-type phono jack to 2-conductor  $1/4$ " plug. 274-320 Pkg. 2/1.99

- O** Dual  $1/4$ " Coupler. Connects two cables with  $1/4$ " plugs. Stereo or mono. 274-1556 1.79
- P** Mini Phone Plug/Jack Signal Reducer.  $1/8$ " phono jack to  $1/8$ " phone plug. Provides 51 dB attenuation for recording from earphone jack of cassette players, TVs, radios. 274-301 1.99
- Q** RCA-Type Phono Jack to  $1/8$ " Plug Signal Reducer. 40 dB attenuation lets you use a portable recorder's mike input to tape from line-level aux/tape-output sources. 274-300 1.99

## Shielded Adapters Cut Hum



- FF**  $1/8$ " Phone Jack to  $1/4$ " Phone Plug. 274-325 1.29
- GG**  $1/8$ " Mini Phone Jack to RCA-Type Plug. 274-326 1.29
- HH**  $1/8$ " Phone Jack to  $3/32$ " Submini Phone Plug. 274-327 1.29
- JJ**  $3/32$ " Submini Phone Jack to  $1/8$ " Phone Plug. 274-328 1.39
- KK** 3-Piece Plug Adapter Set.  $1/8$ " phone jack to RCA-type phono plug, RCA-type phono jack to  $3/32$ " submini phone plug  $1/8$ " mini phone jack to  $1/4$ " phone plug 274-046 Set of 3/2.49
- LL**  $1/4$ " Jack to  $1/8$ " Plug. 274-047 1.29
- MM**  $1/4$ " Phone Jack to Phono Plug. Connects mikes, guitars to phono jack 274-389 Pkg. of 2/2.19
- NN** RCA-Type Phono Jack to  $1/8$ " Plug. 274-330 1.39
- OO** Mike Adapter Plug. Adapts standard  $1/4$ " plug to screw-on type coaxial mike plug 274-048 1.29
- PP** Shielded Y-Adapter. Two phono jacks connected in parallel to one RCA-type phono plug 274-303 1.79
- QQ** Shielded Y-Adapter. Two phono jacks in parallel to a  $1/4$ " phone plug. 274-304 1.79
- RR** Stereo Headphone Shieldadapter Plug. 3-conductor  $1/8$ " solder-type mini plug with cable strain-relief. An adapter is included so you can use the plug with  $1/4$ " stereo jacks, too 274-044 2.79
- SS** Microphone Shieldadapter Plug. 2-conductor version of above with 2-conductor adapter for use with  $1/4$ " jacks 274-045 2.29

## XLR Audio Connectors and Adapters



- R** A3M-Type 3-Pin Plug. All metal for durability and shielding. 274-010 3.29
- S** A3F-Type 3-Pin Inline Connector. Mates with A3M, above. Cable strain relief. 274-011 3.29
- T** D3F-Type 3-Pin Panel Jack. Locking type with pushbutton release. Accepts A3M plug. 274-013 3.69
- U** A3F to A3F Coupler. Joins two A3Ms. Pre-wired. 274-014 8.95
- V** A3M to A3M Coupler. Joins two A3Fs. Pre-wired. 274-015 4.95

### For "Pro" Audio Applications

- W** Adapter/Transformer. A3F to  $1/4$ " phone plug. Use professional-type mike having A3M connector with amplifier or recorder that has  $1/4$ " jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced input. 274-016 9.95
- X** Adapter/Transformer.  $1/4$ " jack to A3M plug. Use high-Z unbalanced mike with equipment that requires low-Z balanced input. Use with 274-016 (above) for long cable runs to minimize high-frequency loss. 274-017 8.95

# ARCHER® PLUGS & JACKS MAKE THE CONNECTION



## Phone And Phono Plugs

**A** 2-Conductor 1/4" Phone Plugs. Long slim type with 1/2" diameter black bakelite barrel. 274-1536 Pkg. of 2/1.69

**B** 2-Conductor 1/4" Phone Plugs. Shielded to minimize hum. Slim type with 1/2" diameter metal barrel. 274-1544 Pkg. of 2/2.49

**C** 2-Conductor 1/4" Phone Plugs. Ribbed plastic 3/4" diameter barrel for sure grip. 274-1539 Pkg. of 2/1.79

**D** 2-Conductor 1/4" Phone Plugs. All-metal shielded flat right-angle type. For tight spaces. 274-254 Pkg. of 2/1.69

**E** 2-Conductor 1/4" Phone Plug. Heavy-duty shielded. For "pro" audio applications. Spring strain relief. 274-1545 1.49

**F** Right-Angle 1/4" Plug. 2-conductor. Black shell. Screw type terminals. 274-256 99¢

**G** 3-Conductor 1/4" Phone Plugs. Slim line. Black bakelite barrel. For push-to-talk mikes, stereo phones. 274-139 Pkg. of 2/1.59

**H** 3-Conductor Phone Plug. Shielded all-metal type. 1 5/8" length barrel. Nickel plated. Solder lug terminals. 274-285 1.49

**J** 2-Conductor 1/8" Miniature Phone Plugs. Solder lug terminals. 1 5/8" long. Black. 274-286 Pkg. of 2/1.29  
Red. 274-287 Pkg. of 2/1.29  
Shielded. 274-288 Pkg. of 2/1.39

**K** 3-Conductor 1/8 Mini Phone Plugs. Solder lug connections. 274-284 Pkg. of 2/1.69

**L** 2-Conductor 3/32" Submini Phone Plugs. Solder terminals. 1 3/8" long. Sets of 2. Black, 274-289. Red, 274-290. Tan, 274-291 Pkg. 2/99¢

**M** Finger-Grip Phono Plugs. Wing-tip construction. 274-343 Pkg. of 10/1.59

**N** Solderless Right-Angle Phono Plugs. Two red, two black. Ideal for audio. 274-383 Set of 4/1.29

**O** Solderless Phono Plugs. With strain relief. Two red, two black. 274-384 Set of 4/1.39

**P** Solderless Right-Angle Phono Plugs for Video. 274-385 Set of 2/1.49

**Q** Plastic Phono Plugs. Mate with any phono jacks. Screw-together plastic housing. 274-319 4/1.19

**R** Phono Plugs. Three black, three red. Plastic sleeving prevents shorts. 274-451 Pkg. of 6/1.29

**S** Shielded Phono Plugs. Designed for easy soldering. Mate with all RCA-type phono jacks. 274-339 Pkg. of 2/1.29

**T** Color-Coded Phono Plugs. Plastic insulated covers. Cable clamp for strong connection. Assorted colors. 274-321 Pkg. of 8/1.49



## Phone Jacks

**U** Enclosed 1/4" Jacks. Accepts standard 1/4" phone plugs. Solder lug terminals for positive connections. Versatile, panel or PC mounting. Include mounting hardware for easy installation. 2-Conductor, Open Circuit. 274-280 69¢  
3-Conductor, Open Circuit. 274-282 89¢

**V** Enclosed 1/4" Stereo Phone Jack. Three-conductor. Double closed circuit. Positive connection. With schematic, hardware. 274-277 1.39

**W** Enclosed 1/8" Miniature Phone Jacks. Closed Circuit. 274-296 Pkg. of 2/1.29  
Open Circuit. 274-297 Pkg. of 2/1.19

**X** 3-Conductor 1/8" Miniature Phone Jacks. Closed Circuit. 274-250 Pkg. of 2/1.69  
Open Circuit. 274-249 Pkg. of 2/1.59

**Y** Mono Inline 1/4" Phone Jacks. Durable black plastic shell. Accepts standard 1/4" phone plug. 274-340 Pkg. of 2/1.69

**Z** Stereo Inline 1/4" Phone Jacks. Slim black 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals. 274-141 Pkg. of 2/1.59

**AA** 3-Conductor Inline Shielded Phone Jack. Heavy-duty metal construction for shielding and durability. "Grip" finish. 274-142 1.99

**BB** 2-Conductor 1/8" Inline Jacks. Accepts 1/8" mini phone plugs. Easy to install. 274-333 Pkg. of 2/1.29

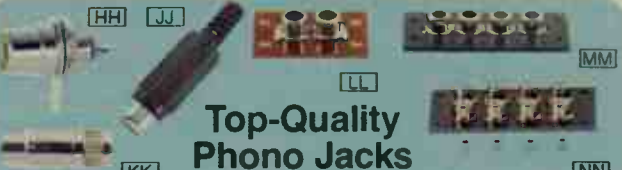
**CC** 3-Conductor 1/8" Inline Jacks. Use to make extension cords for personal portables. Strain relief shell. 274-274 2/1.59

**DD** 3-Conductor Closed-Circuit Phone Jack. Double closed circuit type. 274-1240 1.59

**EE** 1/4" Phone Jacks. Accepts standard 1/4" phone plugs. With hardware for easy installation. 2-Conductor. Includes two open circuit, two closed. 274-324 Set of 4/2.39  
2-Conductor. Open Circuit. 274-252 2/1.29  
2-Conductor. Closed Circuit. 274-255 2/1.49  
3-Conductor. Open Circuit. 274-312 2/1.59  
3-Conductor. Closed Circuit. 274-311 2/2.19

**FF** 2-Conductor 3/32" Subminiature Phone Jacks. Accepts submini phone plugs. Closed circuit. 274-292 Pkg. of 2/1.19

**GG** 2-Conductor 1/8" Miniature Phone Jacks. Mounts in 1/4" hole. Usable in panels up to 1/8" thick. Easy to install. Open Circuit. 274-251 Pkg. of 3/1.19  
Closed Circuit. 274-253 Pkg. of 3/1.39



## Top-Quality Phono Jacks

**HH** Shielded Phono Jack. Fits 1/4" mounting hole. Solder lug terminals. 274-346 Pkg. of 4/1.79

**JJ** Plastic Inline Phono Jack. Hex-shape. Strain relief, screw-together plastic housing. 274-337 Pkg. of 4/1.19

**KK** Shielded Inline Phono Jack. Solder lugs. Metal construction prevents hum. 274-338 Pkg. of 2/1.19

**LL** Dual Phono Jack. Chassis mount for stereo changers, amplifiers, receivers, more. Accepts two phono plugs. Phenolic construction. 274-332 Pkg. of 2/99¢

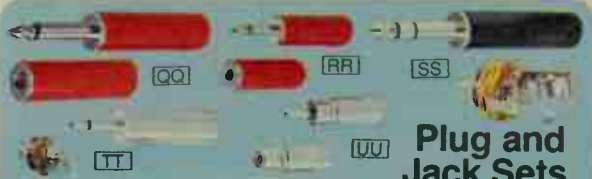
**MM** Quad Phono Jack. Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. 274-322 99¢

**NN** Octal Phono Jack. Chassis mount, accepts up to eight RCA-type phono plugs. Phenolic. 274-370 1.29

## 4-Pin Audio Connectors

**OO** Chassis-Mount Socket. Mates with 4-pin plug. 274-002 99¢

**PP** Mike Plug. Many communications uses. Cable strain relief. Solder terminals. 274-001 1.59



## Plug and Jack Sets

**QQ** 1/4" Standard. Phone plugs, inline jacks. One set red, one black. Screw terminals. 274-1241 Pkg. of 2 Sets/2.59

**RR** 1/8" Miniature. One black and one red set of two phone plugs, two inline jacks. 274-283 Pkg. of 2 Sets/1.79

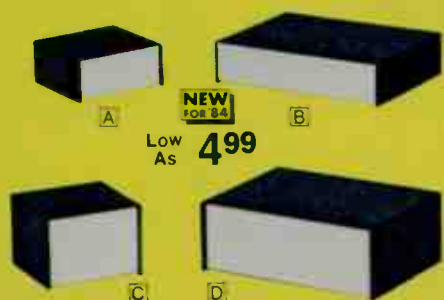
**SS** 3-Conductor Plug and Jack. 1/4" open-circuit jack, matching phone plug. Solder lug terminals. Includes mounting hardware. 274-323 Set/1.79

**TT** 1/8" Miniature. Set of two shielded phone plugs, two closed circuit jacks. All-metal plug prevents hum pickup. 274-336 Pkg. of 2 Sets/1.69

**UU** Shielded Phono Plugs, Jacks. Two sets of phono plugs and jacks for audio/video connections. 274-334 Pkg. of 2 Sets/1.69

# ENCLOSURES AND KNOBS FOR ALL YOUR PROJECTS

## Deluxe Two-Tone Enclosures

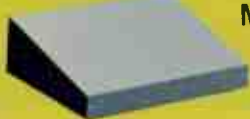


Low As **499**

Perfect "tens" in looks and quality! Easy-to-work aluminum. Eggshell white bottoms, black tops. With hardware and rubber feet.

Fig.	Size	Cat. No.	Each
A	1 <sup>15</sup> / <sub>16</sub> x 4 <sup>1</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>8</sub> "	270-271	4.99
B	1 <sup>15</sup> / <sub>16</sub> x 8 <sup>1</sup> / <sub>4</sub> x 6 <sup>1</sup> / <sub>8</sub> "	270-272	5.99
C	3 <sup>1</sup> / <sub>16</sub> x 4 <sup>1</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>8</sub> "	270-273	6.99
D	3 <sup>1</sup> / <sub>16</sub> x 8 <sup>1</sup> / <sub>4</sub> x 6 <sup>1</sup> / <sub>8</sub> "	270-274	7.99

## Slope-Front Metal Cabinets

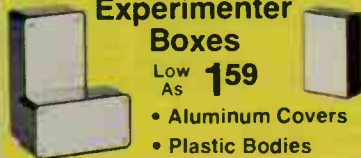


Low As **495**

Ideal for test equipment, audio mixers, control panels and more. Steel construction with classic "hammer-tone" finish and scratch-preventing rubber feet.

Front	Height		Width	Depth	Cat. No.	Each
	Front	Rear				
1 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>8</sub>	270-264	4.95	
1 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	270-265	8.49	
1 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	10 <sup>15</sup> / <sub>16</sub>	8	270-266	9.95	

## Experimenter Boxes



Low As **159**

- Aluminum Covers
- Plastic Bodies

Size	Cat. No.	Each
3 <sup>1</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>8</sub> "	270-230	1.59
4 x 2 <sup>1</sup> / <sub>8</sub> x 1 <sup>5</sup> / <sub>8</sub> "	270-231	1.69
5 <sup>1</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub> x 1 <sup>5</sup> / <sub>8</sub> "	270-233	1.99
6 <sup>1</sup> / <sub>4</sub> x 3 <sup>3</sup> / <sub>4</sub> x 2"	270-627	2.39
7 <sup>3</sup> / <sub>4</sub> x 4 <sup>3</sup> / <sub>8</sub> x 2 <sup>3</sup> / <sub>8</sub> "	270-232	2.99

## Metal Cabinets



Low As **299**

## Steel Tops, Aluminum Chassis, Rubber Feet

Fig.	Size	Cat. No.	Each
E	3 <sup>1</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>8</sub> x 4"	270-251	2.99
F	4 x 2 <sup>3</sup> / <sub>8</sub> x 6"	270-252	3.79
G	5 <sup>1</sup> / <sub>4</sub> x 3 x 5 <sup>7</sup> / <sub>8</sub> "	270-253	4.79

## Economy Project Cases

Low As **169**

Blue plastic. Internal slots provided to hold PC boards.

Size	Cat. No.	Each
4 x 2 x 1 <sup>3</sup> / <sub>16</sub> "	270-220	1.69
4 x 2 <sup>7</sup> / <sub>16</sub> x 1 <sup>1</sup> / <sub>16</sub> "	270-221	1.89
4 <sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>2</sub> x 1 <sup>2</sup> / <sub>5</sub> "	270-222	2.19
6 x 3 <sup>3</sup> / <sub>16</sub> x 1 <sup>7</sup> / <sub>8</sub> "	270-223	2.69
7 <sup>1</sup> / <sub>2</sub> x 4 <sup>1</sup> / <sub>3</sub> x 2 <sup>1</sup> / <sub>5</sub> "	270-224	2.99

## Chassis Boxes

Low As **169**

### Hardware Included

Size	Cat. No.	Each
2 <sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>8</sub> x 1 <sup>5</sup> / <sub>8</sub> "	270-235	1.69
4 x 2 <sup>1</sup> / <sub>8</sub> x 1 <sup>5</sup> / <sub>8</sub> "	270-239	1.89
5 <sup>1</sup> / <sub>4</sub> x 3 x 2 <sup>1</sup> / <sub>8</sub> "	270-238	2.49

## Dry Transfers



Four sheets with rub-on letters, symbols, numbers and calibration marks for controls. For plastic and metal surfaces. 270-201 ... 2.59

## Knobs for 1/4" Shafts



**P** Deluxe Knobs. Beveled front edge with groove pointer. Aluminum over plastic. Top-quality brass inserts with set-screws. Ideal match for enclosures Figs. A-D.

**Q** 3/4" Diameter. 274-405 ..... Pkg. of 2/1.79

**R** 1 3/8" Diameter. 274-406 ..... Pkg. of 2/2.49

**S** Top Hat. Finely tooled, modern 2-tone styling. Brass set-screw. 274-423 ..... Pkg. of 2/1.69

**T** Contemporary. Metal over plastic. 274-424 ..... Pkg. of 2/1.89

**U** Knurled Grip. Chrome plate, aluminum inlay. With set-screw. 1 1/2 x 7/8". 0-10 calibrated. 274-392 ..... Pkg. of 3/1.99

**V** Knurled Grip. 1 1/8 x 1 1/16". Brass bushings. Single-line pointer. 274-414 ..... Pkg. of 2/1.39

**W** 0-10 Calibrated. 274-413 ..... Pkg. of 2/1.39

**X** Hexagon. 1 3/8 x 5/8". 274-407 ..... Pkg. of 2/1.29

**Y** Molded. Brass inserts. 3/4 x 7/16". 274-415 ..... Pkg. of 4/1.59

**Z** 1 x 9/16". 274-416 ..... Pkg. of 4/1.79

**X** 3/4" Knurled. 1 1/2" deep. 274-380 ..... Pkg. of 6/1.99

## Pushbutton Terminals



**Y** NEW! Eight-Position. Spring-action lever release for quick hookup and positive contact. Molded board with mounting holes 1 3/16" apart. 274-623 ..... 2.69

**Z** Four-Position Version of Above. Molded board with mounting holes 2 3/8" apart. 274-622 ..... 1.69

**AA** Two-Position Version of Above. Molded board with mounting holes 1 5/8" apart. 274-621 ..... 1.19

**BB** Two-Position Push Terminals. Spring-action insertion/release. 2 1/8 x 3/4" board, mounting holes 1 3/8" apart. 274-315 ..... 99¢

## DIN-Type Connectors



**H** 2-Pin Polarized Plugs. Ideal for speaker hookup to car stereos and use with European hi-fi gear. Solder-type. 274-008 ..... 2/79¢

**J** 2-Pin Polarized Inline Jacks. Mates with Fig. J Solder-type. 274-009 ..... 2/79¢

**K** 4-Pin Plug. For audio and microcomputer hookups. 274-007 ..... 1.49

**L** 4-Pin Inline Jack. Mates with Fig. L. Solder-type. 274-018 ..... 1.49

**M** 5-Pin Audio/Video Plug. Shielded to prevent RFI pickup. 274-003 ..... 1.49

**N** 5-Pin Inline Jack. Accepts 3 or 5-pin plugs. Solder terminals. Cable strain relief. Shielded. 274-006 ..... 1.49

**Q** 5-Pin Chassis Socket. Accepts 3 or 5-pin plugs. Solder terminals. 274-005 ..... 59¢

## Custom Speaker Terminal Plates



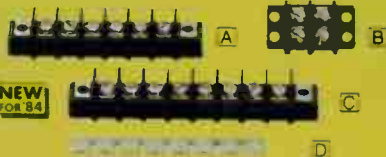
**CC** Ideal for hi-fi, musical instrument and PA speakers—recessed design lets you mount enclosure close to wall. Spring-action terminals for easy wire hookup, plus centered RCA-type phono jack. Removable plug maintains "seal" of speaker systems. 274-625 ..... 1.99

**DD** Above with 1/4" phono jack in place of phono jack. Includes seal plug. 274-624 ..... 1.99



# MAKE IT SAFE WITH ARCHER® FUSES & CONNECTORS

## Barrier Strips, Jumpers



### A Single-Row Barrier Strips

Positions	Cat No	Each
2	274-646	.99
4	274-647	1.39
6	274-648	1.79
8	274-649	2.19

### B Dual-Row Barrier Strips

Positions	Cat No	Price
2	274-656	2 for 1 19
3	274-657	2 for 1 39
4	274-658	1.39 Each
6	274-659	1.49 Each
8	274-670	1.59 Each

**C** Feedthrough Barrier Strip. Eight screw terminals. Each has a 3/16" solder terminal on rear for connections inside of a chassis or enclosure. 274-653 . . . 1.89

**D** Eight-Position Jumper. Connects all terminals of #274-649, 274-653 or #274-670. Can be cut to connect two or more terminals of any of the barrier strips above. 274-650 . . . 1.49

## "European" Barriers



Molded plastic terminal blocks with recessed set-screws to prevent accidental contact. Rated 600V, 10 amps per circuit.

**E** 8-Position. 274-678 . . . 1.89  
**F** 12-Position. 274-679 . . . 2.29

## Multi-Conductor Connectors



Indexed Pins. Plugs fit only one way, and only into matching sockets. 7.5 amps, 500V max.

### Male Cord Connectors

Mate with female cord or chassis connector below that have the same number of pins

Pins	Cat No	Each
2	274-201	1.59
4	274-204	1.69
6	274-207	1.89

### Female Cord Connectors

	Cat No	1.69
2	274-202	1.79
4	274-205	1.99
6	274-208	

Chassis-Mount Socket. 2-pin socket mates with #274-201 274-203 . . . 99c

## 5-Lug Terminal Strips



Only **89c**  
Pkg. of 4

Phenolic, 3/8" centers. Center lug for grounding. 274-688 . . . Pkg. of 4/89c

## Coaxial DC Power Connectors



**G** Coaxial DC Power Jacks. For adding DC power jacks to equipment or replacement. Mate with plugs below. With mounting hardware 5.0mm outside diameter, 2.1mm inside diameter.

274-1565 . . . Pkg. of 2/79c  
 5.0mm O.D., 2.5mm I.D. 274-1566 . . . 2/79c

**H** Chassis-Mount Jacks. For coax plugs below. Set of two. One is 2.1mm ID, the other is 2.5mm ID. 274-1549 . . . Set. 99c

**J** Coax Plugs. Fit external power sockets of most battery-operated equipment. Mate with jacks listed above with same ID and OD.

O.D.	I.D.	Cat No.	Pkg. of 2
5.0mm	2.1mm	274-1567	99
5.0mm	2.5mm	274-1568	99
5.5mm	2.1mm	274-1569	99
5.0mm	1.6mm	274-1570	99

## Fuse Holders



### For 5 x 20mm Fuses:

**K** Inline Holder. Overall length including leads is 7". 270-1238 . . . 79c

**L** Panel-Mount Holder. Requires 1/2"-diameter mounting hole. 270-362 . . . 89c

### For 1 1/4 x 1/4" Fuses:

**M** Four-Position "Fuse Block". Ideal for automotive use—accepts quick-disconnect (auto-type) connectors, or can be soldered. 30 amps per circuit. Glass-filled polyester. U.L. recognized. 270-742 . . . 2.19

**N** Clip-In Chassis-Mount Holder. Ideal for applications within enclosures. Solder terminals. 270-739 . . . Pkg. of 2/79c

**O** Panel-Mount With Screwdriver Slot. Helps prevent accidental opening. Rated 10 amps at 250VAC. U.L./CSA approved. 270-367 . . . 99c

**P** Panel-Mount. 1 1/8" long requires 1/2" mounting hole. Solder terminals. 270-364 . . . 89c

**Q** Panel-Mount. Modern-look square bezel. 1 1/8" long. requires 1/2" mounting hole. 270-365 . . . 99c

**R** Inline. Spring assures positive contact pressure. Tinned wire leads. 270-1281 . . . 89c

**S** Quick-Connect. For 1 1/4 x 1/4" fuses. Solderless. requires 14 to 24-gauge wire. 270-366 . . . 99c

## Top-Quality Terminal Strips



Low As **99c** Pkg. of 2  
Cadmium Plated

2 Screw Terminals With RCA-Type Phono Jack. 2 3/8" long. 274-620 . . . Pkg. of 2/1.29

2 Terminals. (Not shown). 1 1/16" long. 274-663 . . . Pkg. of 2/99c

4 Terminals. (Not shown). 2 9/16" long. 274-665 . . . Pkg. of 2/99c

## Multi-Conductor Nylon Quick Disconnects

Low As **109** Pair Female



Durable molded connectors for electronic and automotive use. Polarized to assure proper hookup. Easy to assemble—pins may be crimped or soldered to wire, then inserted into housing. Each circuit rated 8 amps at 125VAC.

No. of Pins	Type	Cat No	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69

Two-Pin Male/Female Set. 274-222 . . . Pair/99c

## Wide Selection of Fuses



### T Fast-Acting, 1 1/4 x 1/4"

Amps	Cat. No	Pkg. of 3
1/4	270-1270	69
1/2	270-1271	69
3/4	270-1272	69
1	270-1273	69
1.5	270-1274	69
2	270-1275	69
2.5	270-1260	69
3	270-1276	69
4	270-1277	69
5	270-1278	69
6	270-1252	69
7	270-1253	69
8	270-1254	69
10	270-1279	69
15	270-1280	69

U SFE-Type Auto Fuse. 1 1/4 x 1/4" dia. 20 amps. 270-1268 . . . Pkg. of 3/69c

### V Slow-Blow, 1 1/4 x 1/4"

Amps	Cat No	Pkg. of 2
1/2	270-1282	1.19
1	270-1283	1.19
1.5	270-1284	1.19
2	270-1285	1.19
3	270-1286	1.19
4	270-1289	1.19
5	270-1287	1.19
6	270-1291	1.19
7	270-1292	1.19
8	270-1293	1.19

### W Fast-Acting Pigtail, 1 1/4 x 1/4"

Amps	Cat No	Pkg. of 2
1/4	270-1220	99
1/2	270-1221	99
3/4	270-1222	99
1	270-1223	99
1.5	270-1224	99
2	270-1225	99
2.5	270-1226	99
3	270-1227	99

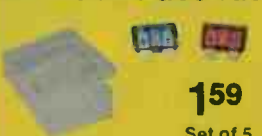
### X Fast-Acting Fuses, 5 x 20mm

Amps	Cat No	Pkg. of 2
C315*	270-1249	.89
1/4	270-1241	.89
3/4	270-1242	.89
1	270-1250	.89
1.5	270-1243	.89
2	270-1244	.89
2.5	270-1245	.89
3	270-1246	.89
4	270-1247	.89
5	270-1248	.89

\*For RS digital multimeters #22-189, 22-191, 22-192

Y Plastic Auto Fuse. "Blade"-type used in many late-model vehicles. 20 amps. 270-1208 . . . Pkg. of 2/89c

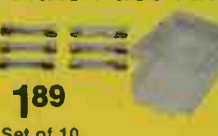
## "Blade" Fuse Kit



**159**  
Set of 5

Carry spares! Box with one each of the most-used plastic types: 5, 10, 15, 20, 25 amps. Color-coded. 32 volts. 270-1201 . . . Set 1.59

## Auto Fuse Kit



**189**  
Set of 10

Pack of most-used glass types. Two SFE-9. One each: AGC-3, AGC-10. Three each: 14-amp and 20-amp. 270-1262 . . . Set 1.89

# COAXIAL CABLE, CONNECTORS AND ADAPTERS

NEW FOR 84

## Video and RF Adapters



A B C D E F G H J

- A UG-255/U Adapter. BNC male to SO-239. 278-120 ..... 2.39
- B UG-273/U Adapter. BNC female to PL-259. 278-121 ..... 2.39
- C Coax Plug Adapter. SO-239 to Motorola or RCA-type plug. Fits scanner and communication equipment antenna jacks. 278-208 ..... 1.79
- D Male "F" Connector to RCA-Type Phono Plug. 278-253 ..... 1.29
- E RCA-Type Phono Jack to Male "F" Connector. 278-255 ..... 1.19
- F Female "F" to RCA-Type Phono Plug. 278-252 ..... 1.19
- G Female "F" to BNC Male. 278-251 ..... 2.39
- H BNC Female to RCA-Type Phono Plug. 278-250 ..... 1.99
- J RCA-Type Phono Jack to Male BNC. 278-254 ..... 2.19

## TV and FM Antenna Connectors



- K 75-Ohm Coax Connectors. Type F-59. For RG59/U cable used in TV antenna systems 278-211 ..... Pkg. of 2/89c
- L Type F-56. For RG6/U and "Aluminax"-type coaxial cable. 278-214 ..... Pkg. of 2/89c
- M Coax "F" Connector. Type CF-59 Long 1/2" crimp ring for greater holding power to RG59/U cable. 278-222 ..... Pkg. 2/99c
- N Type CF-56. Above for RG6/U and "Aluminax"-type coax. 278-223 ..... Pkg. of 2/99c
- O F-59 Solderless Push-On Connector. Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. For RG59/U cable. 278-215 ..... 89c
- P F-59 Crimp Rings. For replacement on F-59 connectors. 278-216 ..... Pkg. of 6/49c
- Q F-56 Crimp Rings. For replacement on F-56 connectors. 278-217 ..... Pkg. of 6/49c
- R F-61 Connectors. Mate with F-59 connector. 278-212 ..... Pkg. of 2/89c
- S F-81 Coupler. Couples two F-59 connectors. 278-213 ..... 89c
- T Female "F" Screw-On to Male "F" Push-On. 278-218 ..... 99c
- U "F" Male-"F" Male Adapter. 278-219 ..... 1.39
- V Female to Male "F" Right-Angle Adapter. 278-221 ..... 1.69
- W Crimping Tool. For "F" connectors. 278-220 ..... 2.99
- X Heavy-Duty Hex Crimp Tool. For "F" connectors. Ideal for use with #278-222 and #278-223. 278-241 ..... 6.99

## Wide Selection of RF Connectors and Adapters

NEW FOR 84



- V SO-239 Chassis Mount. UHF-type, plated finish. 278-201 ..... 99c
- W Solderless PL-259 Plug. Allows quick, easy hookup without soldering. For RG58/U cable. 278-196 ..... Pkg. of 2/2.09
- X PL-259 Plug. Standard UHF-type connector, screw-on lock. 278-205 ..... Pkg. of 2/1.99
- Y UG176/U Reducer. For RG59/U cable. 278-204 ..... Pkg. of 2/99c
- Z UG175/U Reducer. For RG58/U cable. 278-206 ..... Pkg. of 2/99c
- AA Solderless Push-On PL-259 Plug. Plug pushes onto jack. No screw threads. For RG59/U or RG58/U cable. 278-190 ..... 1.59
- BB Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact main-

- tain wire impedance. 278-202 ..... 1.69
- CC Inline Splicer for RG59/U. 278-203 ..... 1.69
- DD M-359 Right-Angle Adapter. UHF-type SO-239 to PL-259. 278-199 ..... 1.99
- EE M-358 "T" Adapter. UHF-type. Two SO-239s to one PL-259. 278-198 ..... 2.49
- FF PL-258 Coupler. Joins two PL-259 plugs. Plated finish. 278-1369 ..... 1.49
- GG Double PL-259 Adapter. Joins two SO-239 connectors. For CB and Amateur use with inline TVI filters, SWR meters, antenna switches. Plated finish. 278-192 ..... 1.79
- HH Solderless RCA-Type Plug. Ideal for video use. For RG59/U and RG62/U coaxial cables. 278-189 ..... 1.99
- II Motorola-Type Plugs. Fit car radios, most scanners. 274-711 ..... Pkg. of 2/69c

## BNC CONNECTORS



NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

NEW FOR 84

- HH Motorola-Type Jacks With Mounting Flange. 274-712 ..... Pkg. of 2/79c
- II Motorola-Type Jack With Shielded Inline Cable. 274-713 ..... 99c
- KK UG-306/U Right-Angle Adapter. BNC male to BNC female. Teflon insulation. 278-116 ..... 3.59
- LL Type 1094 Female BNC. Mounts in single 5/16" hole. 278-105 ..... 1.59
- MM Type UG-88 Male BNC. Solderless. For RG58/U Cable. 278-103 ..... 2.29
- For RG59/U and RG62/U. 278-104 ..... 2.29
- NN Female BNC for RG58 Cable. 278-113 ..... 2.49
- For RG59/U and RG62 Cable. 278-114 ..... 2.49
- OO UG-914/U BNC Female to Female Adapter. 278-115 ..... 3.19

## High-Grade Coaxial Cable



Low As **14¢** Per Foot

Ideal for Amateur radio, CB, TV and FM use. Low-loss polyethylene dielectric with tough outer jacket. All copper conductors.

Ohms	RG Type	O.D. (in.)	Velocity Factor	Loss Per 100 ft		Capacitance Per Foot	Center Conductor	Cat. No.	Price Per Ft.
52	8/U	.405	66%	50 MHz, 3.0 dB 200 MHz, 5.0 dB	100 MHz, 3.5 dB 400 MHz, 8.0 dB	29 pF	13-ga 7 x 21	278-1325	32
52	8/M	.242	75%	50 MHz, 2.2 dB 200 MHz, 4.6 dB	100 MHz, 3.0 dB 400 MHz, 7.5 dB	26 pF	16-ga 19 x 29	278-1328	.21
52	58/U	.196	66%	50 MHz, 4.0 dB 200 MHz, 8.0 dB	100 MHz, 5.3 dB 400 MHz, 12.0 dB	28 pF	20-ga solid	276-1326	.16
75	59/U	.242	75%	50 MHz, 1.8 dB 200 MHz, 3.9 dB 700 MHz, 9.1 dB	100 MHz, 2.8 dB 500 MHz, 7.5 dB 900 MHz, 10.6 dB	15.5 pF	22-ga solid	278-1327	.16
75	6U	.266	75%	50 MHz, 1.2 dB 200 MHz, 2.7 dB 700 MHz, 6.7 dB	100 MHz, 1.8 dB 500 MHz, 5.1 dB 900 MHz, 8.3 dB	18.6 pF	18-ga solid	278-1324	.14

## Coax Cable Stripper

NEW FOR 84

995



Adjustable Blades. For perfect strips with RG-6, RG58, RG8M and RG62 cables, and other cables from 3/16 to 5/16" diameter 278-240 ..... 9.95

## CB/Communication Coax Assemblies



52-Ohm

- PP 20-Ft. RG58/U Cable. PL-259 connector at each end 278-967 ..... 6.39
- 2-Ft. RG58/U Patch Cable. PL-259 at each end 278-968 ..... 4.29
- 5-Ft. RG8/U Patch Cable. PL-259 at each end 278-969 ..... 5.49
- 50-Ft. RG8/U Cable. PL-259 at each end 278-970 ..... 19.95
- 50-Ft. RG58/U Cable. PL-259 at each end 278-971 ..... 11.95
- QQ 6-Ft. RG58/U Cable. Inline SO-239 to PL-259. 278-975 ..... 5.29
- RR 20-Ft. RG58/U Cable. PL-259 to spade lugs 278-966 ..... 6.39

Prices Apply at Participating Radio Shack Stores and Dealers

World Radio History

# SHOP RADIO SHACK FOR YOUR WIRE & CABLE NEEDS

## 2-Conductor Speaker Wire

Low-loss, all-copper construction. Ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 solid	75	278-1509	2.19
Medium Clear	22 stranded	100	278-1385	4.59
Standard Clear	20 stranded	75	278-1388	5.39
Low-Loss Clear	18 stranded	30	278-1602	3.49
Low-Loss Clear	18 stranded	60	278-008	5.99
Low-Loss Clear	16 stranded	50	278-1267	6.49
Standard Brown	20 stranded	100	278-1387	5.99
Heavy-Duty Brown	16 stranded	30	278-1263	3.89
Heavy-Duty Brown	16 stranded	100	278-1384	11.95

## Zip Cord Specials

Flexible twin-conductor stranded copper wire, plastic insulation. Colors may vary.

Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic Miniature, Plastic	18	30	278-864	2.79
2-Conductor, Plastic	24	50	278-1301	2.79
2-Conductor, Plastic	20	30	278-1265	2.69
2-Conductor, Plastic	18	100	278-1264	7.99

## Shielded Cable

Low-loss cable for microphones, audio and communications equipment. All-copper conductors.

Fig.	Description	Feet	Cat. No.	Each
A	Heavy-Duty with braided shield	40	278-751	6.19
A	Single-Conductor with braided shield	20	278-1277	2.39
B	Miniature with spiral wrap shield	30	278-752	3.29
C	2-Conductor with spiral wrap shield	50	278-1275	5.19
C	2-Conductor with spiral wrap shield	20	278-1276	2.69
D	2-Cond heavy-duty, spiral wrap shield	50	278-1278	21.95

## Hook-Up Wire Packs

Single Spools, Single Color (Colors vary)

Fig.	Type	Ga.	Ft.	Cat. No.	Each
E	Solid	18	60	278-1291	2.19
F	Stranded	18	55	278-1292	2.19
	Solid	20	80	278-1294	2.19
	Stranded	20	75	278-1293	2.19
	Solid	22	100	278-1295	2.19
	Stranded	22	90	278-1296	2.19

3 Spools, 3 Assorted Colors

Type	Ga.	Total Ft.	Cat. No.	Each
Solid	18	60	278-1302	2.19
Stranded	18	45	278-1303	2.19
Solid	20	75	278-1305	2.19
Stranded	20	60	278-1304	2.19
Solid	22	90	278-1306	2.19
Stranded	22	75	278-1307	2.19

## "Wrap Up" Your Wiring Jobs



**G** 4" Wire Ties. Nylon, self-locking for permanent attachment. Unbreakable  
278-1632 Pkg. of 30/1.59  
5" Ties. 278-1631 Pkg. of 30/1.99  
8" Ties. 278-1642 Pkg. of 30/2.99

**H** Wire-Tie Mounts. Self-adhesive, hold ties to any smooth, non-porous surface  $\frac{3}{4} \times \frac{3}{4}$ "  
278-441 Pkg. of 10/1.29

**J** Heat-Shrinkable Tubing. Fits over wire and shrinks to half its original diameter when heated.  $\frac{1}{16}$  to  $\frac{1}{2}$ " sizes. U.L. listed.  
278-1627 Pkg. of 7/1.59

**K** Strain Reliefs. One-piece construction absorbs pull and twist. Set of six includes four SPT1 and two SPT2 types.  
278-1636 Set, 69¢

**L** Cable Feedthrough Bushing. For neater installation of RG/6 and RG/8M cables.  
278-1644 Pkg. of 2/49¢  
For RG/59, RG/58 and RG/62 Cables.  
278-1643 Pkg. of 2/49¢

**M** Cable Clips. For cables up to  $\frac{3}{8}$ " dia. Self-adhesive. For smooth, non-porous surfaces.  
278-1640 Pkg. of 10/1.99

**N** Coax Clips. Nail to wall, keep cable in place.  
For RG58/U. 20-192 Pkg. of 10/79¢  
For RG8/U. 20-193 Pkg. of 6/79¢

**Q** Spiral Wrap. Neatly bundles long lengths of wire. 5-ft. clear and 5-ft. black  $\frac{3}{8}$ "  
278-1638 2.19

**P** Universal Cable Clip. Adjusts to wire size, up to  $\frac{1}{2}$ " in diameter. Self-adhesive.  
278-1639 Pkg. of 10/1.69

**R** Connector Sealant Tape. Waterproof, low-loss, non-corrosive. Stays flexible. Ideal for outdoor antenna connections. 5 ft.  $\times \frac{1}{2}$ "  
278-1645 2.49

**S** AC Cord Ties. For neater installation of power cords and other cables.  
278-1646 Pkg. of 6/49¢

## Solid Buss Wire

Fifty Feet. Pretinned 24-gauge copper wire is ideal jumper and ground wiring on perforated boards. Plastic spool.  
278-1341 1.49

## Magnet Wire

Ideal for Winding Coils

Three different gauges of wire, each on a separate spool. You get 40 ft. of 22-gauge, 75 ft. of 26-gauge, 200 ft. of 30-gauge.  
278-1345 Pkg. of 3 Spools/4.49

## Test Probe Wire

Flexible plastic insulation 20-gauge stranded copper. 25 ft. long.  
Red. 278-553 1.99  
Black. 278-554 1.99

## Two-Conductor Bonded

One red and one black 18-gauge stranded. 25 feet. 278-1250 3.29

## Heavy-Duty Wire

12-gauge, 20 feet length  
Black. 278-1280 2.79  
Red. 278-1289 2.79

## Rainbow Wire Packs

Colors may vary from photo

Flexible flat cable, color-coded PVC insulation. For low-voltage hookups, intercoms. 24-gauge solid copper  
2-Conductor, 35 ft. 278-755 2.39  
4-Conductor, 25 ft. 278-757 2.39

## Telephone Cable

**S** Four-Conductor Cable. 24-ga solid-copper conductors with standard color-coded insulation.  
50 ft. 278-372 5.49  
100 ft. 278-373 10.95

**T** Modular Cable. Four conductors, 26-gauge, color-coded insulation.  
50 ft. 278-365 5.49  
100 ft. 278-366 10.98

## Intercom Cable

24-gauge. Color-coded insulation.

Description	Feet	Cat. No.	Each
2-Wire solid	75	278-559	3.29
3-Wire solid	75	278-370	5.49
3-Wire stranded	50	278-371	4.39

## Color-Coded Test Leads and Jumper Cables

**U** Set of 10 Test Lead Cables. 14" long with miniature insulated alligator clips on each end.  
278-1156 3.29

**V** Set of 4 Test Lead Cables. 30" long. Insulated clips at both ends. Red, green, black, yellow.  
278-001 3.29

**W** 8-Pack of 24" Cables. Four colors, clips at each end.  
278-1157 3.59

**X** Set of 6 Heavy-Duty Claw-Type Jumper Cables. 40" long. Insulated clips at both ends.  
278-002 3.59



## Replacement Cords

**X** 6-Ft. Line Cord. 18-gauge wire, molded 2-prong AC plug, stripped leads. U.L. listed.  
278-1255 79¢

**Y** 6-Ft. AC Power Cord. Fits most cassette portables, radios. Female receptacle to 2-prong AC plug. U.L. listed.  
278-1256 1.59

**Z** 4-Ft. Polarized, Fused DC Cable. Ideal replacement for auto stereo, CB power cables. Quick-disconnect plug and inline holder for a  $1\frac{1}{4} \times \frac{1}{4}$ " fuse (not incl.)  
270-025 1.99

## Shortwave Antenna Kit and Accessories



**AA** **BB** **CC** Complete Antenna Kit. Everything you need for outdoor hookup. Kit includes 75 feet of copper antenna wire, 50 feet lead-in wire, window feed-thru, insulators and complete instructions.  
278-758 8.49

**BB** Heavy-Duty Antenna Wire. Seven strands of 22-gauge bare copper for maximum strength.  
278-1329 65 Ft. for 4.59

**CC** Insulators. Strong, low-loss material. For antenna or guy wire installation. Style may vary slightly.  
270-1518 Pkg. 2/69¢

# QUALITY CAPACITORS AT EVERYDAY LOW PRICES

## TV-Sound Ceramic Filter



**69¢** Pre-Tuned, No Peaking Needed

SFE4.5MB. Ideal for use in projects and adapters. Will also replace 4.5 MHz transformers in many solid-state circuits. 3 dB bandwidth: 105 kHz, typical. Input/output impedance: 1000 ohms. 272-1304 ..... 69¢

**NEW FOR 84**

## TV-Sound Discriminator

Eliminates Detector Tuning

**79¢**

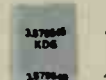


CDA4.5MD3 Discriminator. This 4.5 MHz ceramic device replaces differential peak detector coils. Ideal for use with our FM Detector IC #276-1759, page 126. 272-1305 ..... 79¢

## Trimmer Capacitors



5-60 pF. PC mount, mini screwdriver slot adjustment. For IF and low-level RF peaking. 272-1340 ..... 2/1.59



## TV Colorburst Crystal

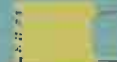
3.579545 MHz. Precision frequency standard in HC18/W package (wire leads). 272-1310 ..... 1.69

## 100 Disc Capacitors

**198**

Includes NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Values from 2 pF to 0.1  $\mu$ F in working voltages up to 1000 volts. 272-801 ..... Set of 100/1.98

## Versatile Polyester Capacitors



**59¢**

Metalized polyester. IC-spaced pins. High temperature stability—similar to silver mica types. All rated 63 WVDC, 20% tolerance.

$\mu$ F	Cat. No.	Each
.01	272-110	.59
.1	272-111	.69
.47	272-112	.89

## Printed Circuit Capacitors

- Epoxy Coated
- 50 WVDC

**59¢**

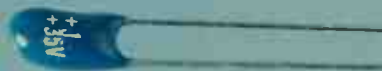
Miniature size, rugged construction. High stability and dielectric strength. Long radial leads.

Pkg. of 2



$\mu$ F	Cat. No.	Pkg. of	Price
.01	272-1065	2	.59
.022	272-1066	2	.69
.047	272-1068	2	.69
.1	272-1069	2	.79
.22	272-1070	2	.89

## Solid Tantalum Capacitors



16 WVDC Minimum

**NEW FOR 84**

Low As **49¢**

Standard IC pin spacing. 20% tolerance.

$\mu$ F	Cat. No.	Each
0.1	272-1432	.49
0.47	272-1433	.49
1.0	272-1434	.49
2.2	272-1435	.59
10	272-1436	.69
22	272-1437	.79

## Ceramic Disc Capacitors



Low As **39¢** Pkg. of 2

For RF, Bypass and Coupling Applications

Moisture-proof coating. Hi-Q design for low loss in RF circuits. 50 WVDC minimum.

pF	Cat. No.	Pkg. of 2	$\mu$ F	Cat. No.	Pkg. of 2
4.7	272-120	.39	.001	272-126	.39
47	272-121	.39	.005	272-130	.39
100	272-123	.39	.01	272-131	.39
220	272-124	.39	.05	272-134	.49
470	272-125	.39	.1	272-135	.49

## Non-Polarized Electrolytics



Low As **79¢**

Ideal for speaker crossover networks and audio filters. Long axial leads. Rated 50 WVDC.

$\mu$ F	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

## Metal Film Capacitors



- Epoxy Dipped
- 250 WVDC

Low As **39¢**

Aluminum deposited polyester film for low leakage and high temperature stability. For PC and point-to-point wiring.

$\mu$ F	Cat. No.	Each	$\mu$ F	Cat. No.	Each
.01	272-1051	.39	.22	272-1058	.69
.047	272-1052	.49	.47	272-1054	.79
.1	272-1053	.59	1.0	272-1055	.89

## Xenon Strobe Tubes



Low As **299**

**A** Replacement Tube. Trigger: 4kV Anode: 200V minimum. 100,000-flash life. 272-1145 ..... 2.99

**B** "Monster" Strobe. Super bright. Trigger: 6kV. Anode: 500V. 5 million-flash life. 272-1147 ..... 3.69

## Electrolytic Capacitors

Axial Type

Low As

PC Type



**49¢**



Axial Types

$\mu$ F	WVDC	Cat. No.	Each
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.79
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
3300	35	272-1021	2.99
4700	35	272-1022	3.59
470	50	272-1046	1.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

PC-Mount Types

$\mu$ F	WVDC	Cat. No.	Each
220	16	272-956	.79
470	16	272-957	.89
1000	16	272-958	.99
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.79
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	.89

## Color-Code Guide



Only **49¢**

Pocket-sized and really handy! Gives you fast, direct readout of resistor, capacitor and inductor values in ohms, pF and  $\mu$ H, plus tolerances. RETMA standard. 271-1210 ..... 49¢

## Micronta® Precision Panel Meters for DC Circuits



**ONE OF OVER 350 NEW LOW PRICES**

**795** Each

Were \$8.95 in 1983 Catalog

- 0-15 Volts
- 0-1 Milliamp
- 0-50 Microamps

Know "what's going on" in critical DC circuits! Jeweled D'Arsonval movements. Accuracy,  $\pm 5\%$  full scale.  $2\frac{3}{4} \times 2\frac{1}{4} \times 1\frac{1}{4}$ ". Require  $1\frac{1}{8}$ " round mounting holes.

0 to 50  $\mu$ A DC. 270-1751 ..... 7.95  
0 to 1 mA DC. 270-1752 ..... 7.95  
0 to 15 VDC. 270-1754 ..... 7.95

# WIDE SELECTION OF RESISTORS AND CONTROLS

## 1/2-Watt, 10% Resistors 19¢ Pkg. of 2

Ohms	Cat No	Ohms	Cat No	Ohms	Cat No	Ohms	Cat No
10	271-001	270	271-016	3.3k	271-028	47k	271-042
15	271-003	330	271-017	3.9k	271-029	56k	271-043
22	271-005	390	271-018	4.7k	271-030	100k	271-045
33	271-007	470	271-019	5.6k	271-031	150k	271-047
47	271-009	560	271-020	6.8k	271-032	220k	271-049
68	271-010	680	271-021	10k	271-034	270k	271-050
82	271-011	1k	271-023	12k	271-035	470k	271-053
100	271-012	1.2k	271-024	15k	271-036	1 meg	271-059
150	271-013	1.5k	271-025	22k	271-038	2.2 meg	271-061
180	271-014	1.8k	271-026	33k	271-040	10 meg	271-069
220	271-015	2.2k	271-027	39k	271-041		

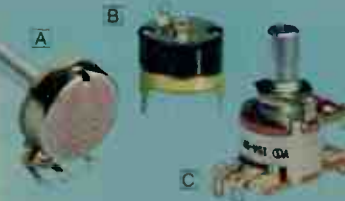
## 1/4-Watt, 5% Resistors 39¢ Pkg. of 5

Ohms	Cat No	Ohms	Cat No	Ohms	Cat No	Ohms	Cat No
10	271-1301	1k	271-1321	15k	271-1337	220k	271-1350
100	271-1311	1.8k	271-1324	22k	271-1339	470k	271-1354
150	271-1312	2.2k	271-1325	27k	271-1340	1 meg	271-1356
220	271-1313	3.3k	271-1328	33k	271-1341	10 meg	271-1365
270	271-1314	4.7k	271-1330	47k	271-1342	—	—
330	271-1315	6.8k	271-1333	68k	271-1345	—	—
470	271-1317	10k	271-1335	100k	271-1347	—	—

## Potentiometers for Replacement and Projects

**A** Potentiometers. All have a 1 1/2"-long 1/8"-dia shaft and include hardware for mounting in a 3/16" hole.

Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
500k	271-1723	1.09
Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
500k	271-210	1.09
1 meg	271-211	1.09



**B** SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers. Rated 3A at 120VAC. With installation instructions. 271-1740 69¢

**C** 10k Audio Pot With SPDT Switch. Mini size with 1/8" diameter shaft. Fits 3/16" hole. 271-215 1.69

## PC Board-Mount Potentiometers

Thumb or screwdriver adjustable. Rated 1/4-watt, 260° rotation.

Ohms	Cat. No.	Each
500	271-226	.59
1k	271-227	.59
5k	271-217	.59
10k	271-218	.59
50k	271-219	.59
100k	271-220	.59
500k	271-221	.59
1 meg	271-229	.59

59¢ Each

## 15-Turn Pot

20,000 Ohms, ±10%. Rated 3/4-watt, 300V max. Screwdriver adjust. For mounting on PC boards. 6.5 x 4.5 x 19.1mm. 271-340 1.49

NEW FOR '84

149

## Wirewound Power Resistors

Low As 49¢ Each Axial Leads

Watts	Ohms	Tolerance	Cat. No.	Price
2	10.0	10%	271-080	2/.69
5	0.47	10%	271-130	Ea. 49¢
10	1.0	10%	271-131	2/.89
10	10.0	10%	271-132	2/.89
10	50.0	10%	271-133	2/.89
10	100.0	10%	271-135	2/.89

## Mini PC Pots

49¢ Each 1/4-Watt

Ohms	Cat. No.	Each
1k	271-333	.49
10k	271-335	.49
25k	271-336	.49
100k	271-338	.49
500k	271-339	.49

## 41-Step Stereo Control

ONE OF OVER 350 NEW LOW PRICES

179

Was \$1.99 in 1983 Catalog



Ideal for new or replacement use. Dual click-stop pots with single 1/2"-long, 1/8"-dia shaft. 40% loudness contour tap. For 3/16"-diameter mounting hole. 271-1732 1.79

## Resistor Kits

350 NEW LOW PRICES 279 Each

Were \$2.99 in 1983 Catalog

1/2-Watt, 10% Tolerance, 100-piece set. 21 popular values from 100 ohms to one meg. 271-306 Set, 2.79  
1/4-Watt, 5% Tolerance, 100-piece set with 13 popular values, 10 ohms to 1 meg. 271-308 Set, 2.79

## Joystick Pot

ONE OF OVER 350 NEW LOW PRICES 449

Was \$4.95 in 1983 Catalog

Build Your Own Joystick Control



Dual 100,000-ohm linear taper potentiometers controlled by a single 1"-long shaft. Body 1 7/16" square. With mounting screws. 271-1705 4.49

## Resistor Networks

NEW FOR '84 89¢ Each IC Pin Spacing

Five separate 1/4-watt resistors in one package.

Ohms	Cat. No
470	271-095
1900	271-096
10k	271-097

## Ohm's Law Calculator



49¢ Pocket-Sized

Easy to use—provides quick answers to Ohm's law problems. Flip-side has scales for parallel resistance calculations. 271-1211 49¢

## Archer® Deluxe Competition Joystick

NEW FOR '84 1495

True Arcade Quality at An Incredible Low Price!

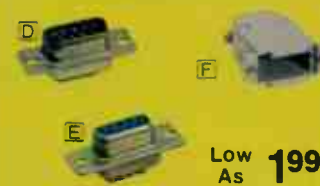
Suction Cups on Base for Stable One-Hand Operation

One of the finest joysticks available! Features a "jet fighter" contoured handle and two firing buttons—one on handle and another on the base. Grips on base for "two-hand" operation, also. Includes 4-ft. cable with universal 9-position connector. Great replacement or up-grader—fits Atari VCS, Atari 400, 800 and 2600, Sears Video Arcade, Commodore 64 and VIC 20, and more. 6 1/8 x 3 1/2 x 4 5/16". 270-1701 14.95



Atari® is a registered trademark of Atari, Inc. VIC-20 is a registered trademark of Commodore International. Sears Video Arcade is a trademark of Sears Roebuck and Co.

## D-Sub Connectors



Low As 199

9-Position. Fit joystick ports of many video games and computers. Ideal for making joystick extension cords.

**D** Plug. 276-1537 1.99  
**E** Socket. 276-1538 2.49  
**F** Hood. 276-1539 1.99

## Extension Cable

NEW FOR '84



1095

• Five Feet Long  
• Ready to Plug In

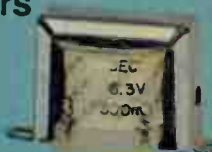
Nine-conductor ribbon cable with male 9-position D-sub connector on one end, female connector on other. Can be used with 270-1701 (above) and many other popular joysticks. 276-1977 10.95

# WE HAVE THE TRANSFORMERS AND CLIPS YOU NEED

## High-Quality Power Transformers

Ideal for Power Supplies and Projects

Eleven popular values for new equipment or replacement use. Miniature types may be PC board mounted. Standard and heavy-duty types have steel frames for chassis mounting. All primaries are for 120VAC, 60 Hz.



Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	6.3	300 mA	2 1/16 x 1 x 1 3/16	273-1384	2.59
Miniature	12.6	300 mA	2 1/16 x 1 x 1 3/16	273-1385	2.79
Miniature	25.2	300 mA	2 3/8 x 1 1/8 x 1 3/16	273-1386	2.99
Miniature *	12.6 CT	450 mA	1 7/16 x 2 3/8 x 1 1/2	273-1365	3.59
Miniature *	25.2 CT	450 mA	1 1/16 x 2 15/16 x 1 1/16	273-1366	3.99
Standard	6.3	1.2A	1 1/4 x 1 15/16 x 1 9/16	273-050	3.79
Standard	12.6 CT	1.2A	2 x 2 3/8 x 1 1/2	273-1505	3.99
Standard	25.2	1.2A	2 x 1 5/16 x 3 3/16	273-1480	4.39
Standard	12.6 CT	3.0A	2 3/4 x 2 1/4 x 2	273-1511	5.99
Heavy-Duty	25.2 CT	2.0A	2 3/4 x 2 1/4 x 2	273-1512	6.29
Heavy-Duty	18.0 CT	2.0A	2 3/4 x 2 1/4 x 2	273-1515	6.99

CT = Center Tap \* = U L Recognized Metal shield, wire leads

## Big Selection of Test Clips, Probes and Plugs



**A** 5" Solderless Test Prods. 1/2"-long tip fits standard phone tip jacks. One red, one black 274-720 Pkg. of 2/1.29

**G** Insulated Binding Posts. Versatile—they accept spade lugs, phone tips, banana plugs or wire. With hardware solder lugs. Two red, two black 274-661 Pkg. of 4/1.69

**B** Solderless Banana Plugs. Insulated, fit standard banana jacks. Knurled collar. 2" long. One red, one black 274-721 Pkg. of 2/99c

**H** Nylon Binding Posts. Insulated For 3/16" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black 274-662 Pkg. of 2/1.39

**C** Flexible Banana Plugs. As above, with flexible insulation, strain relief. Solder type. One red, one black 274-730 Pkg. of 2/99c

**J** Pushbutton Binding Posts. For 1/4" mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black 274-660 Pkg. of 2/1.29

**D** Solderless Phone Tips. Fit standard phone tip jacks. Knurled collar. 2 1/8" long. One red, one black 274-723 Pkg. of 2/99c

**K** Micro Test Clips. Spring-action. Ideal for testing on high-density PC boards. 1 1/2" long. Solder type. One red, one black 270-370 Pkg. of 2/1.39

**E** Banana Jacks. Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. One red, one black 274-725 Pkg. of 2/69c

**L** Mini Test Clips. As above, but 2 1/8" long. One red, one black 270-372 Pkg. of 2/1.49

**F** NEW! Printed Circuit Board Test Jacks. Pin fits PC board holes. Jack accepts standard test probe tips 274-728 Pkg. of 8/1.29

**M** Extra-Length Test Clips. As above, but 3 1/2" long. One red, one black 270-352 Pkg. of 2/1.59

### Ferrite Beads

**NEW for 84** 89c Pkg. of 10

For EMI/RFI Reduction

Install over insulated wires or on the leads of transistors, resistors, capacitors to reduce reception or transmission of radio frequency interference. Diameter of hole 0.7mm. BF40 material. Initial AC permeability 750. 273-098 Pkg. of 10/89c

### Speaker Choke

**NEW for 84** 2.99



1.2 Millihenry. For speaker crossover networks—attenuates above 1 kHz. Handles up to 80 watts continuous. Compact—can be installed in small enclosures. Distortion less than 0.08%. Approximately 1 x 1 1/4 x 1 2" leads. 273-099 Pkg. of 2.99

### Miniature Audio Output Transformer

129



1000-ohm center-tapped primary. 8-ohm secondary. For single-ended or push-pull output circuitry. 1/4 x 5/8 x 1/8". Color-coded leads. 273-1380 Pkg. of 1.29

### DC Motor Bargains

Only 99c Pkg. of 4



For models, robots, hobby projects and more. Permanently lubricated bearing. Shaft has plastic gear. 1.5 to 6VDC. Overall length 1 1/8". 273-222 Pkg. of 4/99c

**NEW for 84**

### Quiet 120VAC Cooling Fan



15.95

Ideal for Computers, Power Supplies, Ham & Hi-Fi Equipment

Cools components to extend life and boost performance! Delivers up to 65 CFM. Features diecast venturi, high efficiency blades, leads for easy hookup. For 120VAC. 11 watts. U L recognized. 4 1/16 x 4 1/16 x 2 1/2". 273-241 Pkg. of 15.95

### Mini Audio Amplifier With Built-In Speaker



• High-Gain IC Design  
• 200-Milliwatt Output

11.95

Compact, multi-purpose amplifier with volume control, on/off switch. Two 1/4" phone jacks—one for input, one for external speaker/earphone (not incl.). 100-10,000 Hz response. 1 mV input sensitivity. 2 1/2 x 3 7/8 x 1 3/4". Requires 9V battery. 277-1008 Pkg. of 11.95

### Insulated Alligator Clips



**N** Mini Clips. 1 1/4" jaws open to 3/16". Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow. 270-378 Set of 10/1.29

**R** 2 1/4" Clips. Open to 1/4". Solderless. 3 red, 3 black, 2 green, 2 yellow. 270-375 Set of 10/1.59

**O** 1 3/8" Mini Clips. Open to 1/4". Screw terminals. 6 black, 6 red. 270-1545 Set of 12/1.89

**S** 1-Amp Clips. 1 1/2" long, open to 1/8". Screw terminals. 3 red, 3 black. 270-371 Set of 6/1.89

**P** Heavy-Duty Clips. Rated 10 amps. 2 3/8" long, open to 1/2". Includes 2 black and 2 red. Screw terminals. 270-349 Set of 4/1.79

**T** 2 1/4" Clips. Open to 1/16". Screw terminals. 5 red, 5 black. 270-347 Set of 10/1.59

**Q** "Battery" Clips. Ideal for chargers and other hookups to automotive battery posts. 2 1/4" long, open to 7/16". One red, one black. Solder or crimp. 270-344 Set of 2/1.19

**U** Mini Alligator Clips. 1 3/8" long. 5 red, 5 black. 270-374 Set of 10/1.19

**V** Micro Clips. 1 3/8" long, open to 1/16". Brass-plated steel. Solder type. 5 red, 5 black. 270-1540 Set of 10/1.99

### Non-Insulated Alligator Clips



**W** 2" Slim Clips. All steel with screw terminals. 270-346 Pkg. of 10/1.59

**X** Claw Clips. Rated 5 amps. 1 1/2" long, open to 3/16". Screw terminals. 270-345 Pkg. of 8/1.49

**Y** Mini Clips. Rated 1 amp. 1 1/4" long, open to 1/16". 270-380 Pkg. of 12/1.19

**Z** All-Purpose Micro Clips. Copper-plated, non-serrated ends. 1 1/8" long, open to 1/16". 270-373 Pkg. of 10/99c

# MORE BRIGHT IDEAS FOR BUILDERS AND FIXERS

## Long-Life Incandescent Lamps

Low As **69¢**



Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1.5	25	—	Leads	272-1139	1	.79
2.25	250	222*	Threaded	272-1124	2	.69
2.33	270	PR-4	Flange	272-1122	2	.69
2.38	500	PR-2	Flange	272-1120	2	.69
2.47	300	14	Threaded	272-1132	2	.79
3.57	500	PR-3	Flange	272-1121	2	.69
4.75	500	PR-13	Flange	272-1151	2	.79
4.8	500	PR-15	Flange	272-1125	2	.69
5.95	500	PR-12	Flange	272-1123	2	.69
6.0	25	—	Leads	272-1140	1	.79
6.0	100	T-1 <sup>3</sup> / <sub>4</sub>	Threaded	272-1142	2	.89
6.3	250	44	Bayonet	272-1108	2	.69
6.3	150	47	Bayonet	272-1110	2	.69
6.3	150	1847	Bayonet	272-1115	2	.79
6.3	150	40	Threaded	272-1128	2	.79
6.3	250	46	Threaded	272-1130	2	.79
7.5	220	51	Bayonet	272-1113	2	.69
7.5	220	50	Threaded	272-1133	2	.89
8.0	300	T-3	End Cap	272-1136	2	1.19
12.0	15 CP	93+	Bayonet	272-1116	1	.99
12.0	75	T-1 <sup>3</sup> / <sub>4</sub>	Threaded	272-1143	2	.89
12.0	25	—	Leads	272-1141	1	.79
12.0	250	T-3	End Cap	272-1137	2	1.19
14.0	270	194	Wedge	272-1126	2	.99
14.0	230	1891	Bayonet	272-1112	2	.69
14.0	200	1815	Bayonet	272-1118	2	.69
14.0	200	1487	Threaded	272-1134	2	.79
14.0	200	52	Threaded	272-1127	2	.99
14.4	120	53	Bayonet	272-1117	2	.69
28.0	40	1819	Bayonet	272-1119	2	.69

\* = Pre-Focus Penlight Type + = High-Intensity

## Neon Lamps

Operate from 70 volts and up  
Use dropping resistor value from  
chart for 120VAC use

Type	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2	1/25	220k	272-1101	.59
NE-2H*	1/4	22k	272-1102	.69

\* High brightness

Neon Lamps With Dropping Resistor. NE-2 bulb, ready to use in 120-volt circuits 1/25 watt 272-1100 Pkg. of 2/79¢

NEW! Green Neon Lamps With Resistor. For 120VAC applications. A great change of pace from conventional orange neons. 272-1103 Pkg. of 2/1.19

## Low-Voltage Colored Mini Lamps

These incandescent bulbs are perfect for use in doll houses, model railroads, hobby projects and more. One red, one yellow and one green. 60 mA current. With 4 1/4" leads.

**69¢**  
Pkg. of 3

Voltage	Cat. No.	Pkg. of 3
6	272-1098	.69
12	272-1099	.69

**NEW FOR 84**

## Replacement Antennas

Replace broken or damaged whips. Plastic safety tip

Sections	Extends to	Cat. No.	Each
5	30 1/2"	270-1401	2.99
4	34 3/16"	270-1402	3.29
3	39 3/8"	270-1403	3.49

Low As **2.99**

## Panel Lamp Holders and Assemblies



Low As  
**1.69**

The Perfect  
"Finishing Touch"  
For Your Projects

### Lamp Holders

Require bulbs—select from chart at left.

**A** Conical Lamp Holders. One red, one blue. T-1<sup>3</sup>/<sub>4</sub> submini bulbs required. 1<sup>3</sup>/<sub>8</sub>" long, mount in 1/2"-diameter holes.

272-323 ..... Pkg. of 2/1.69

**B** "Mini" Panel Lamp Holders. One lamp holder with one red and one green lens. Miniature-base lamps required. Length, 1<sup>3</sup>/<sub>16</sub>" 5/16" mounting hole.

For Threaded-Base Lamps. 272-324 ... 1.79  
For Bayonet-Base Lamps. 272-325 ... 1.79  
For T-1<sup>3</sup>/<sub>4</sub> Submini Bulbs.

3/8 x 1 1/16". 272-326 ..... Pkg. of 2/1.99

### 12-Volt Lamp Assemblies

Include prewired bulbs.

**C** High-Brightness Lamp Assemblies. One red, one green. Solder terminals. Requires 9/32" mounting hole (metal panel suggested). 272-331 ..... Pkg. of 2/1.69

**D** "Micro" Lamp Assemblies. One red, one green. With leads. 12V at 60 mA. Require 7/32" mounting holes, metal panel recommended. 272-334 ..... Pkg. of 2/1.69

**E** Snap-In Lamp Assemblies. One red, one green. Mounting tabs for 1/2" diameter hole. 4" leads. 272-332 ..... Pkg. of 2/1.89

**F** As Above, But With One Amber, One Blue Lens. 272-335 ..... Pkg. of 2/1.89

## Electret Microphone Elements



Low As  
**99¢**

**Q** PC Board-Mount. Omnidirectional. Operates from 2-10VDC with very low current drain. 1 milliamp max. 20 to 15 kHz ± 4 dB. 6.6 mm high. 270-090 ..... 99¢

**P** Omnidirectional Electret. Perfect for projects and upgrading old mikes. Remarkably clean 30 to 15,000 Hz response. 4-10VDC. 7/16 x 7/16" dia. With leads. 270-092 ..... 2.69

## Plastic Battery Holders

Low  
**39¢**

Series Wiring. Have output leads, except †, which have snap connector

Holds	Cat. No.	Each
2 "AA"	270-382†	.79
4 "AA"	270-383†	.89
4 "AA"	270-391	.89
8 "AA"	270-387†	1.19
2 "C"	270-385	.99
4 "C"	270-390	1.19
2 "D"	270-386	1.19
4 "D"	270-396	1.29
4 "D"	270-389	1.29
1 "AA"	270-401	.39
1 "C"	270-402	.49
1 "D"	270-403	.59

## 9-Volt Battery Snaps

Pkg. of 5  
**99¢**

For projects replacement or use with holders, above. 270-325 ..... 5/99¢

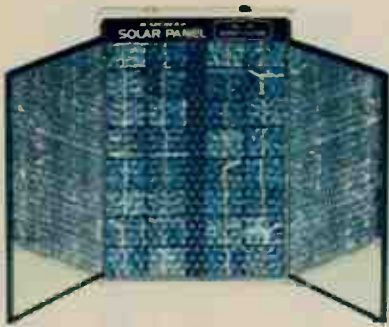
## 9V Battery Holders

**59¢**

Tame "wild" rectangular batteries! Mounts with screw or glue. 270-326 ..... 2/59¢

# BIG VALUES IN SOLAR POWER, ELECTRICAL TESTERS

## Our Portable Solar Panel Puts The Sun to Work



**2495** Radio Shack Exclusive!

- Contains 32 First-Quality Cells
- Switchable 12VDC or 6VDC Output
- 48" Plug-In Power Lead With Clips

Ready to use! Converts bright sunlight into approximately 1/2-watt of "free" electrical power. Ideal for charging batteries or powering small devices directly. 80 milliamps at 6V, 40 mA at 12V, typical. With special lens and detachable 5 x 4" reflector panels. 5 3/4 x 4 1/8 x 5/8". Not for permanent outdoor installation.  
277-1250 ..... 24.95

## High-Voltage Quick Tester



**109** 90 to 500 Volts, AC or DC

For quick checks on house wiring, electrical and electronic devices. Neon bulb indicates live circuit. Handy pocket clip.  
272-201 ..... 1.09

## Low-Voltage Quick Tester



**149** 5 to 50 Volts, AC or DC

Ideal for checking automotive wiring and battery-operated devices. LED glows on live circuit, indicates DC polarity.  
272-202 ..... 1.49

## Solar Energy Project Kit



**995**

Ideal for Models

A silicon solar cell pre-wired to a precision DC motor. Perfect for building model windmills, boats, science fair projects. With color wheels, mini propeller, project booklet.  
277-1201 ..... 9.95

## Silicon Solar Cell



**395**  
• High Output  
• Manufacturer's Prime

This 2.5 x 5 cm cell produces approximately 0.2 amp at 0.42VDC in full sun. Use several to charge batteries or power projects.  
276-124 ..... 3.95

## Plug-In Three-Wire Outlet Analyzer



**595**

For Handymen, Homemakers, Power Tool Operators and Musicians

Plug it in *before* using tools, appliances, amplifiers. Readout warns if a 3-wire 120VAC outlet is faulty.  
22-101 ..... 5.95

## Handy Continuity Tester

**499**

Doubles as a Light Duty Screwdriver

Helps spot broken wiring, burned out incandescent bulbs and more. Cord has small "gator clip". Has replaceable #222 bulb. Requires "AAA" battery (not incl.). *Not for use in live circuits.*  
22-4035 ..... 4.99

## Big Selection of Low-Cost, High-Quality Relays for Your Projects

### Micro-Mini SPDT, 5VDC Coil



ACTUAL SIZE

ONE OF OVER **350** NEW LOW PRICES

**199** Was \$2.49 in 1983 Catalog

Just 1 1/32 x 3/8 x 1/4", ideal for crowded PC boards. Contacts rated 1 amp at 125VAC. 55-ohm, 90 milliamp coil. .100" pin spacing.  
275-240 ..... 1.99

### SPDT DIP Relay, 5VDC Coil

ONE OF OVER **350** NEW LOW PRICES

**249** Was \$2.99 in 1983 Catalog

Fits 14-pin DIP socket or mounts on PC boards with .100" hole centers. Contacts: 2 amps at 125VAC. 5VDC, 72 mA, 70-ohm coil.  
275-243 ..... 2.49



3/8 x 9/16 x 3/8"

### Mini SPDTs With 3-Amp Contacts

**299** Each

For limited-space projects. Contacts: 3 amps at 125VAC. 5VDC coil, 70 ohms, 72 mA.  
275-246 ..... 2.99  
With 12VDC Coil.  
275-247 ..... 2.99



9/16 x 25/32 x 5/8"

### Submini DPDT DIP Relays



**399** Each

• Fit 16-Pin DIP Sockets  
• Mount on PC Boards  
5VDC Coil. Contacts: 1 amp at 125VAC. Coil: 100 mA, 50 ohms. 7/16 x 25/32 x 3/8".  
275-215 ..... 3.99  
12VDC Coil. 275-213 ..... 3.99

### Mini SPDT Relays

**299** Each

6-9VDC, 500-Ohm Coil. Typical drain 12 mA—ideal for battery-powered circuits. Contacts: 1 amp at 125VAC. 1 x 1 1/16 x 3/4".  
275-004 ..... 2.99  
12VDC Coil. 275-003 ..... 2.99



Wire Leads

### Miniature DPDT With 12VDC Coil

**449**

Contacts: 3 amps at 125VAC. Coil: 75 mA, 160 ohms. Transparent case, 1 1/4 x 1 x 3/4". Chassis or PC-mount socket has clips for relay.  
275-206 ..... 4.49

Socket Included



### Miniature 4PDT Relays



**469** Long-Life Contacts Rated 3A at 125VAC  
12VDC Coil. Switches up to four circuits! For PC or socket mounting. 75 mA, 160-ohm coil. 1 3/8 x 1 1/8 x 13/16".  
275-214 ..... 4.69  
With 120VAC Coil.  
275-212 ..... 4.69

### DPDT Plug-In Relays

Contacts Rated 10A at 125VAC **549** Each

For plug-in use or soldering. 1 5/8 x 1 x 3/4" U.L. recognized. 12VDC, 160-Ohm Coil.  
275-218 ..... 5.49  
120VAC, 5000-Ohm Coil.  
275-217 ..... 5.49



### Relay Sockets

**149** Each

Socket for 275-217, 275-218. Rated 10 amps.  
275-220 ..... 1.49  
Socket for 275-214, 275-212. Rated 3 amps.  
275-221 ..... 1.49



For Chassis or PC Board Mounting



# QUALITY SWITCHES FOR PROJECTS OR REPAIRS



**A Heavy-Duty DPDT Center Off.** 10A at 125VAC. Screw terminals. With on/off/on label plate. Body  $3/4 \times 13/8 \times 13/8$ . Requires  $7/16$ " mounting hole. 275-1533 ..... 1.79

**B Standard Toggles.** 3A at 125VAC. With on/off label plates. Body:  $1/2 \times 9/16 \times 1$ ". Require  $7/16$ " mounting holes.  
SPST. 275-602 ..... 99c  
DPDT. 275-666 ..... 1.29  
Set. One DPDT, 2 SPST. 275-322 ..... 2.49

**C Submini Toggles.** 3A at 125VAC. Body:  $3/8 \times 1/4 \times 3/8$ "  $1/4$ " mounting holes.  
SPST. 275-612 ..... 1.59  
SPDT. 275-613 ..... 1.69  
DPDT. 275-614 ..... 1.99  
DPDT. Center-Off. 275-620 ..... 2.19

**D SPDT Mini-Toggle.** 5A at 125VAC. Solder lugs. Body  $3/8 \times 3/8$ " Requires  $7/16$ " mounting holes. 275-603 ..... 1.49

**E  $3/4$ " Brushed Aluminum Baton.** 3A at 125VAC. Flush mount.  $19/16 \times 5/8 \times 9/16$ ".  
SPST. 275-630 ..... 1.49  
DPDT. As above, but rated 10 amps at 125VAC. 275-607 ..... 1.79

**F Heavy-Duty With  $1 \times 3/8$ " Lever.** 6A at 250VAC.  $15/16 \times 5/8 \times 5/8$ " Require  $7/16$ " mounting holes.  
SPST. 275-651 ..... 1.99  
SPDT. 275-654 ..... 2.19  
DPDT. 275-652 ..... 2.39  
DPDT. Center-Off. 275-653 ..... 2.49

**G 20-Amp Lever Switches.** 20A at 12VDC. Accept quick-disconnect spades. Body:  $21/16 \times 1 \times 1/2$ "  $7/16$ " mounting hole.  
SPST. 275-708 ..... 1.79  
DPDT. Center-Off. 275-710 ..... 2.29  
DPDT. Momentary, with spring return to center off. 275-709 ..... 2.69

**H Standard Automotive SPST.** 5A at 12VDC.  $7/16$ " mounting hole. 275-701 ..... 1.19

**J Mini Toggles.** 6A at 125VAC. Body:  $13/8 \times 1/2 \times 1/2$ "  $1/4$ " mtg. hole. U.L. listed.  
SPDT. 275-662 ..... 2.49  
DPDT. 275-663 ..... 2.79  
DPDT. Center-Off. 275-664 ..... 2.99  
3PDT. 275-661 ..... 3.39

**K Submini Toggles.** 10A at 125VAC. Each includes four colored handle covers.  $1/2 \times 7/16 \times 1/2$ "  $1/4$ " mounting holes.  
SPST. 275-324 ..... 1.89  
SPDT. 275-326 ..... 1.99  
SPDT. Center-Off. 275-325 ..... 2.19  
DPDT. 275-1546 ..... 2.39  
DPDT. Center-Off. 275-1545 ..... 2.59

**L Rocker Switches.** 6A at 125VAC.  $13/16 \times 3/4 \times 13/8$ "  $3/4$ " mounting holes.  
SPST. 275-690 ..... 1.89  
DPDT. 275-691 ..... 2.49

**M SPDT Momentary.** 6A at 125VAC. Spring return to one position. Body  $11/16 \times 1/2 \times 5/16$ "  $1/4$ " mounting hole. 275-619 ..... 1.59

**N Micromini Toggles.** 3A at 125VAC. Body:  $3/8 \times 5/16 \times 3/16$ ".  
SPST. 275-624 ..... 1.49  
SPDT. 275-625 ..... 1.59  
DPDT. 275-626 ..... 1.89

**O Flatted Lever Switches.** 6A at 125VAC. Body:  $3/8 \times 7/16 \times 1/4$ "  $1/4$ " mounting holes.  
SPDT. 275-635 ..... 2.39  
DPDT. 275-636 ..... 2.69  
DPDT. Momentary. Spring return to center off. 275-637 ..... 2.89

## Illuminated Switches



**P 12-Volt SPST Toggle.** Handle lights when on. Rated 3A, for 12VDC only.  $11/8 \times 11/4 \times 1/2$ "  $1/16$ " mounting hole. 275-706 ..... 1.99

**Q 120VAC SPDT Push-On/Push-Off.** Contacts rated 3 amps at 120VAC. Built-in lamp requires 12 volts, AC or DC. Mounts in  $1/2$ " diameter hole.  $11/4 \times 9/16 \times 9/16$ ". 275-676 ..... 4.95

**R 120VAC SPST Push-On/Push-Off.** Button lights when on. 10A. For 100-125VAC use only.  $7/16$ " mounting hole. 275-671 ..... 3.49

**S SPST Toggle With LED Indicator.** 5A 12VDC use only.  $1/4 \times 3/4 \times 1/2$ "  $7/16$ " mounting hole. 275-680 ..... 2.59

## Momentary and Push-On/Push-Off Switches



**T Mini SPDT Momentary.** 3 amps at 125VAC.  $17/16 \times 11/16 \times 7/16$ "  $1/4$ " mounting hole. Solder lugs. 275-1549 ..... 2.19

**U Mini SPST Momentary Contact.** 0.5A at 125VAC.  $3/8$ " button. Require  $1/4$ " mounting holes. Normally Open. 275-1547 ..... Pkg. of 5/2.49  
Normally Closed. 275-1548 ..... Pkg. of 5/2.69

**V Standard SPST Push-On/Push-Off.** 3A at 250VAC.  $1/2$ " mounting hole. 275-011 ..... 1.29  
**W Momentary.** Normally open. One black and one red. Set of 2/1.69

For Every Low Application As **119**

**X Square SPST Push-On/Push-Off.** 3A at 250VAC.  $11/2 \times 1/2 \times 1/2$ ". Requires  $1/2$ " mounting hole. Solder lug terminals. 275-617 ..... 1.59  
**Y Square SPST Momentary.** Normally open. Black. 275-618 ..... 1.49

**Z Rectangular "Soft-Feel" Push-On/Push-Off.** 3A at 125VAC.  $1 \times 3/4 \times 9/16$ "  $3/8$ " mounting hole. SPST. 275-1565 ..... 1.29  
SPST Momentary. 275-1566 ..... 1.19

**Miniature SPDT Push-On/Push-Off.** 3A at 125VAC.  $3/4 \times 3/8 \times 3/8$ "  $9/16$ " mounting hole. Solder lug terminals. 275-1555 ..... 1.79

**Submini SPST Momentary.** 0.5 amps at 125VAC. Normally open.  $1/2 \times 1/4$ ". One red, one black.  $1/16$ " mounting hole. 275-1571 ..... 1.59

## SPST DIP Switches



For digital or low current applications. Mount in DIP sockets or on PC boards. Style may vary.

**AA 8-Position.** Fits 16-pin DIP socket. 275-1301 ..... 1.99

**BB 4-Position.** Fits 8-pin DIP socket. 275-1304 ..... 1.49

## Slide Switches



**Heavy-Duty.** 3A at 125VAC.  $1 \times 13/8 \times 3/16$ ". Solder lug terminals. Packages of two.  
SPST. 275-401 ..... Pkg. of 2/89c  
DPDT. 275-403 ..... Pkg. of 2/99c

**Slide Switch Kit.** 0.5A at 125VAC. One each SPDT, DPST, DPDT, three SPST.  $1/2 \times 7/8 \times 1/4$ ". 275-327 ..... Set of 6/1.79

## Lever Switches



**Submini With  $3/4$ " Roller Lever.** Operating force 50 grams. 5A at 250VAC.  $3/8 \times 1/4 \times 3/8$ ". 275-017 ..... 1.29

**Submini With  $3/4$ " Lever.** Operating force 45 grams. 5A at 250VAC.  $3/4 \times 1/4 \times 3/8$ ". Solder lugs. 275-016 ..... 1.19

## Rotary Switches

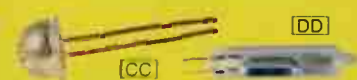


0.3 Amp at 125VAC

**2-Pole, 6-Position.** Single deck, non-shorting type.  $1/4$ " diameter shaft. 275-1386 ..... 1.19

**1-Pole, 12-Position.** Shorting type.  $1/4$ " diameter shaft.  $11/8$ " long. 275-1385 ..... 1.19

## Mercury Switches



**Low Voltage.** Submini position-detecting switch rated 100 milliamps at 24VDC. Ideal for use in alarms and low-power circuits. 275-025 ..... 89c

**Heavy-Duty.** Rated 5 amps at 125VAC. Style may vary. 275-027 ..... 1.19

## Submini Slide Switches

With Mounting Screws



Rated 0.3A at 125VAC.  $3/8 \times 1/4 \times 1/4$ ".  
SPST. 275-406 ..... Pkg. of 2/69c  
DPDT. 275-407 ..... Pkg. of 2/79c

## Bracket, Label Plates



**Auto Switch Bracket.** For underdash mounting. Accepts two switches with  $7/16$ " diameter bushings. 275-705 ..... 69c

**On/Off Switch Label Plates.** For toggles with  $15/32$ " diameter bushings and key slot. 275-320 ..... Pkg. of 6/69c

## DPDT Knife Switch



Ideal for Projects, Antenna Switching, Reversing Polarity

Plated spring contacts rated 0.5 amp at 250VAC. Plastic handle, screw terminals.  $13/8 \times 2 1/8 \times 3/4$ ". 275-1537 ..... 99c

# ARCHER® SOLDERING TOOLS—WHAT A CONNECTION!

**NEW  
FOR '84**

## Switchable Dual Heat Soldering Iron



**695**

Two Irons  
In One

Handle-Mounted  
Wattage Switch

Perfect for small, medium or large jobs. Has a convenient wattage switch allowing you to select 15 or 30 watts—depending on size of job—no need to change the iron. Sculptured handle for hours of comfortable soldering. 8 1/4" long. U.L. listed. 64-2055 ..... 6.95  
Replaceable Tip. Rated up to 30 watts. 64-2065 ..... 89c

## Soldering Irons and Gun



Low  
As **349**

- A** 25-Watt Pencil Iron. Insulated. 5/32" screw in tip. 600-640°F. With stand. 64-2070 ..... 5.49  
Replacement Tip. 64-2073 ..... 1.29
- B** 42-Watt Pencil Iron. As above, but with 1/4" tip. 64-2071 ..... 5.95  
Replacement Tip. 64-2072 ..... 1.49
- C** 30-Watt Pencil Iron. Lightweight. 7" long. 64-2067 ..... 3.49  
Replacement Tip. 64-2065 ..... 89c
- D** "Cool-Grip" 30-Watt Soldering Gun. 64-2066 ..... 3.99  
Replacement Tip. 64-2065 ..... 89c

## Custom Design Your Own Soldering Iron

Cool-Grip  
Handle  
**499**



3 Copper  
Tips  
**369**



2 Long  
Life Tips  
**429**



27-Watt  
Element **479**

33-Watt  
Element **699**

### Quick 'n Easy Thread-On Tips

Interchangeable heating elements and tips make a complete professional workshop. Use with comfortable "Cool-Grip" handle and you're all set. Heating elements, handle. U.L. listed.

Description	Watts	Cat. No	Each
Cool-Grip Handle		64-2080	4.99
600-650°F Heating Unit	27	64-2081	4.79
750-800°F Heating Unit	33	64-2082	6.99
Light, Med., Heavy Duty-Tips (Pkg. of 3)		64-2084	3.69
Long-Life Iron-Clad Light-Duty Tips (Pkg. of 2)		64-2089	4.29

**NEW  
FOR '84**

## Beginners 5-Piece Soldering Set



With Soldering  
Instructions **495**

Everything you need for basic soldering. Includes 30-watt U.L. listed pencil soldering iron, soldering iron stand, coil of solder, soldering aid and a heat sink. 64-2802 ..... 4.95

## Science Fair® Electronic Tool Set



**1495**

10-piece set includes 30-watt U.L. listed soldering iron with stand, solder, soldering aid, needle-nose pliers, diagonal cutter, three screwdrivers and a heat sink. 64-2801 ..... 14.95

## 75-Watt Soldering Gun



**1595**

Lightweight

Pull the trigger for full temperature in seconds. Flat back for standing upright when not in use. Comfortable to hold. U.L. listed. 64-2191 ..... 15.95

For Use With	Cat. No.	Pkg. of 2
Archer 64-2191	64-238	1.99
Archer 64-2190 Weller D440, 8200	64-237	1.99
Weller D550	64-234	1.99

Extra  
Tips

**2495**

## Pocket-Size Gas Brazing Torch

- Pin-Pointable Flame
- Up to 5000°F (2750°C)



Self-contained unit has one butane and two safety-sealed micronox cylinders, tips for brazing and silver-soldering 5 1/2 x 2 x 1 1/4". 64-2165 ..... 24.95

Butane Cylinders.  
64-2166 ..... Pkg. 2/2.99

Micronox Cylinders.  
64-2167 ..... Pkg. 2/2.39

## Miniature Butane Torch

**995**

- Fully Self-Contained
- Heats to 2500°F (1370°C)



Small enough to fit in a pocket yet with precise and controlled high-temperature flame. Cylinder lasts up to 60 minutes. With refill. 64-2164 ..... 9.95

Replacement Cylinders.  
64-2166 ..... 2/2.99

# ACCESSORIES TO MAKE SOLDERING JOBS EASIER

## "One-Hand" Electric Desoldering Iron



**695**

Ideal for Today's Electronic Circuits

Easily remove/replace parts. With handle, bulb, desoldering unit and tip, 5-ft. cord. 45W. U.L. listed. 64-2060 ..... 6.95  
Replacement Tip. 64-2061 ..... 69c

## Vacuum Desoldering Tool



**NEW FOR '84**

**495**

Frees One Hand For Operating Iron or Gun

Desolders large joints quickly, cleanly. Sturdy aluminum housing has a non-stick tip and a side-mounted trigger button. Disassembles easily for cleaning. 7<sup>3</sup>/<sub>4</sub>" long. 64-2098 ..... 4.95

## Desoldering Tool



**879**

- Spring-Loaded
- Easy to Use

Makes desoldering a snap! Just set plunger and you're ready for instant, powerful desoldering. Works quickly—even on large solder connections. Easy, one-hand operation. 64-2085 ..... 8.79

## Rosin Core Electronic Solder



Low As **89<sup>c</sup>**

Standard, Light or Special PC

Package Size	Size	Use	Cat. No.	Each
.5-oz. Handy Pak	.062	Standard	64-001	.89
1.5-oz. Spool	.062	Standard	64-002	1.39
4-oz. Spool	.062	Standard	64-004	3.49
2.5-oz. Spool	.032	Light Duty	64-005	2.99
1.5-oz. Spool	.050	PC Work	64-006	2.19
1/2-lb. Spool	.062	Standard	64-007	5.89

Meets QQ-571E Federal Requirements

## Vacuum-Base Hobby Vises



**299**

Handy Portable Sizes

Mini. Holds on-the-spot jobs securely. Mounts instantly to smooth, non-porous surfaces. 2<sup>3</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>8</sub>".

64-2094 ..... 2.99  
Hobby. 3<sup>1</sup>/<sub>2</sub> x 3<sup>1</sup>/<sub>4</sub> x 3<sup>1</sup>/<sub>4</sub>". 64-2095 ..... 4.95

**495**



## "Helping Hands"



**350**  
TOP OF OPEN NEW LOW PRICES

**695**

Was \$7.95 in 1983 Catalog

Simplifies Work!

Two clips hold work in any position. Solid cast-iron base. 64-2093 ..... 6.95

## Mini Drill



**299**

- 3<sup>1</sup>/<sub>4</sub>" Long
- 2 Drill Bits In Handle

Perfect for working on printed circuit boards. Lightweight. 64-2097 ..... 2.99

## Locking Long Nose



**449**

Use as a Wrench

Cut wire, pull cotter pins. 7" long. Countless uses! 64-1864 .. 4.49

## Mini "C" Clamp Set

**249**  
Set of 3



Perfect for Precision Jobs  
Three sizes of openings—<sup>3</sup>/<sub>4</sub>", 1", 1<sup>7</sup>/<sub>8</sub>". Sturdy die-cast metal. 64-2096 ..... Set of 3/2.49

## Pre-Cut Tape Solder



**139**

Solder With a Match

Wrap around twisted wires, heat with match or other flame for a good connection. 64-010 ..... 100/1.39

## Desoldering Braid



**149**

The easy way to repair or revise circuits. Use with soldering iron. Five foot roll. 64-2090 ..... 1.49

## Solder Iron Holder And Cleaner



**579**

Coil holds iron, sponge pad keeps iron tip clean. 64-2078 .. 5.79

## Vacu-Bulb



**350**  
ONE OF OVER NEW LOW PRICES

Was \$2.99 in 1983 Catalog

**199**

Teflon Tip Takes Up Solder

Takes up solder safely, easily with vacuum action. No splattering, won't mar connections! 64-2086 ..... 1.99

## 4-Pc. Soldering Aid Set



**299**

Includes heat sink, brush/scrapper, pointed, slotted probes. 64-2227 ..... 2.99

## Soldering Tweezer



**179**

Use It As a Heat Sink, Too  
Blunt, self-closing serrated points. 6<sup>1</sup>/<sub>2</sub>" long. 64-1915 ..... 1.79

# DO THE JOB RIGHT WITH ARCHER® TOOLS & HARDWARE



**Automatic Wire Stripper**  
**895**  
Insulated Handle

Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 7" long.  
64-1919 ..... 8.95



**Stripper/Cutter**  
**249** For #12 to #24 Wire

Long blade for smooth cutting action. Insulated grips.  
64-2129 ..... 2.49



**"Dial" Stripper**  
**399**

Set dial to perfectly strip/cut #12 to #24 wire. Insulated grips.  
64-1952 ..... 3.99



**Heavy-Duty Crimper/Cutter**  
**995**

Crimps terminals, cuts and strips wire, even measures and cuts bolts. Easy to use. 64-2268 ..... 9.95



**Standard Crimping Tool**  
**399**

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfortable cushion-grip handles. 8 1/2" long.  
64-404 ..... 3.99



**Storage Boxes**  
Strong See-Thru Plastic

Low As **99¢**


Size	Sections	Cat. No.	Each
8 1/2 x 4 3/4 x 1 1/2"	6-18	64-552	2.39
4 3/8 x 2 5/8 x 1"	5	64-553	.99



**Electronics Hardware**  
For Every Handyman

**159**

Generous one-pound assortment of items valuable in building, experimenting and repair work.  
64-2890 ..... 1.59



**Tap-In Squeeze Connectors**  
**169** Pkg. of 10

Taps for 18 to 14-gauge wire.  
64-3052 .. Pkg. of 10/1.69



**Solderless Lugs**  
**169** 5 Popular Sizes

Twenty each of ring, hook, tongue and large/small spade-tongue lugs.  
64-406 Pkg. of 100/1.69



**Ceramic Magnets**

1/2" Button 64-1880  
1 1/8" Round 64-1885  
1" Rectangular 64-1875

**18¢ Each**

10-24	25-99	100-Up
<b>15¢ Each</b>	<b>14¢ Each</b>	<b>12¢ Each</b>

## Hardware in Handy "See-Through" Packs

Huge Variety! Types for All of Your Home, Shop And Automotive Needs

- 37 Types
- Corrosion Protected

Only **99¢** Per Pack

Repairs and do-it-yourself projects go easier with the right hardware. These items are packaged in clear plastic at the factory so you can see what you're getting and be assured of highest quality with every purchase. Metal hardware is either nickel-plated, tin-dipped or electro-tin plated for long, corrosion-free service. Stock up now!



1. Round-Head Machine Screws. 14 each: 2-56 x 1/4", 1/2", 3/4", 64-3010  
14 each: 4-40 x 1/4", 1/2", 3/4", 64-3011  
14 each: 6-32 x 1/4", 1/2", 3/4", 64-3012
2. Pan-Head Sheet Metal Screws. 5 each: #4 x 1/2", #6 x 1/4", 3/8", 1/2", #8 x 1/4", 3/8", 1/2", 64-3016
3. Steel Machine Hex Nuts. 40 each: 2-56, 64-3017.  
30 each 4-40, 64-3018.  
30 each 6-32, 64-3019.
4. Flat Spring Steel Nuts. 10 of #4, 15 each of #6 and #8. 64-3062.
5. Steel Flat Washers. 20 each: #2, #4, #6, #8, #10. 64-3022
6. Control Nuts. 8 each: 3/8"-32, 1 1/32"-32 and 7 of 475"-32. 64-3020  
Metric Control Nuts. 7 each of 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5. 64-3063
7. Aluminum Spacers. 2 each: 1/4", 1/2", 3/4", 1" for #4, #6 & #8 screws. 64-3024
8. Vinyl Grommets. 7 each: 1/4", 3/16", 3/8", 5/8", 7/16", 1/2". 64-3025
9. Wire Connectors. 16 assorted connectors for wire sizes #18 thru #12. 64-3026
10. Polypropylene Cable Clamps. 6 each: 1/8", 3/16", 1/4" cable diameter. 64-3028
- 11-14. Solder Lugs. 40 pieces: #6, #8, #10 mounting holes. 64-3029
15. Solderless Ring Tongue. 6 each #6, #8 (for 22-18 wire size). #6, #8 (for 16-14 wire size). 64-3030
16. Solderless Spade Tongue. 6 each: #6, #8 (22-18), #6, #8 (16-14). 64-3031
- 16, 18. Solderless Spade. (26-24). 3 each: #4, #8. Insulated, 2 each: #4, #6. 64-3042.
16. Solderless #10 Spade Tongue. 12 each: (for 22-18 wire sizes), (for 16-14 wire sizes). 64-3034
17. Solderless Insulated Ring Tongue. 4 each: #6 (22-18) 2 each: #8 (22-18), #6 & #8 (16-14). 64-3032
18. Solderless Insulated Spade Tongues. Assorted as above. 64-3033
- Solderless Insulated #10 Spade Tongues. 5 each: (22-18), (16-14). 64-3035
19. Butt Connectors. 10 each: (22-18), (16-14). 64-3036
20. Insulated Butt Connectors. 5 each: (22-18), (16-14). 64-3037
21. Male Quick-Disconnects. 2 of 3/16", 4 of 1/4", 2 each: insulated 3/16", 1/4", 64-3038
22. Female Quick-Disconnects. Assorted as above. 64-3039.
23. Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line. 64-3061
24. Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. 64-3047
25. Nylon-Insulated Closed-End Connectors. 5 each: (22-14), (16-10). 64-3041
26. Solderless Flanged Spade. 6 each: (22-18) #6 & #8. (16-14) #6 & #8. 64-4043
27. Solderless Insulated Flanged Spade. 4 each: #6 (22-18) 2 each: #8 (22-18), #6 & #8 (16-14). 64-3044
28. Female Flag Quick-Disconnect. 5 each: 3/16" & 1/4". 64-3046
29. Auto Fuse Tap. 3 sets. 64-3048
30. Auto Plastic Fuse Tap. 3 sets. 64-3027
31. Solderless Insulated Male/Female Quick-Disconnects. (for 22-18, 16-14 wire sizes). 1/4" tabs. 4 sets. 64-3049
32. Insulated Large Ring Tongues. 2 each: 1/4", 3/8", 1/2" slud. Sizes #16-10 wire range. 64-3040

# CHEMICALS, ADHESIVES FOR PROJECTS & REPAIRS

**Dust/Particle Remover Spray**

**199** NEW FOR 84



Cleans dust and particles from circuits, cameras, computer keyboards, delicate mechanisms. Leaves no residue. 6 oz. 64-2325 ..... 1.99

**Color TV Tuner Cleaner**

**219**



Concentrated! Spray into tuner to clean and lube contacts. 6 oz. 64-2320 ..... 2.19

**Cleaner Degreaser**

**199**



Sprays away oil and grime from circuitry and components. 8 oz. 64-2322 ... 1.99

**TV Tuner Cleaner**

**159**



Just spray into tuner to eliminate "noisy" contacts. No harmful deposits. 6 oz. 64-2315 ..... 1.59

**Component Cooler**

**229**



Spray on resistors and capacitors to chill and spot thermal defects. 6 oz. 64-2321 ... 2.29

**Rosin Flux Remover**

**179**



Removes soldering flux deposits from electrical and electronic circuits. 6 oz. 64-2324 ..... 1.79

**Instant Bonding Glue**

**149**



All-purpose adhesive bonds non-porous materials in seconds. Nozzle tip. 64-2308 ... 1.49

**Twin-Tube Epoxy**

**259**



Dual tubes automatically mix quality epoxy cement for quick repairs. 1 oz. 64-2313 ..... 2.59

**Silicone Seal**

**329**



Bonds, seals, caulks. Applies evenly and it's moisture resistant. With applicator tip. 64-2314 ..... 3.29

**Heat-Shrinkable Tape**

**249**

10-Ft. Roll



Can be used where ordinary heat-shrink tubing can't. Shrinks lengthwise at least 30% when heated to 275° F. 3/4" wide. 64-2335 ..... 2.49

**All-Purpose Tape**

**199**



Seals Heating And A/C Ducts

Watertight, airtight, unaffected by normal heat, cold or damp weather. 2" x 30 ft. 64-2347 ..... 1.99

**Clear Carton-Sealing Tape**

**249**


165-Ft. Roll



For packages and envelopes. Great for shipping, moisture protection. Forms airtight seal. High tensile strength. 2" wide. 64-2339 .. 2.49

**10,000-Volt Dielectric Tape**

Low As **49¢**



Roll Size	Cat. No.	Each
1/2" x 12 1/2 ft.	64-2348	.49
3/4" x 20 ft.	64-2349	.79
3/4" x 66 ft.	64-2350	1.39

**Electrical Tape in Handy 5-Pack**

Assorted Colors **189**

Pkg. of 5



Vinyl. For color-coding, many other home, shop, auto uses. 3/4" x 12 ft. rolls. 64-2340 ..... 1.89

**Double-Sided Foam Tape**

**149**

40" Roll



Ideal for fastening accessories to car dash, pictures to walls and much more. No waste—just cut off amount needed. 3/4" wide. 64-2343 ..... 1.49

**Double-Sided Foam Tape Strips**

**189**

Pkg. of 8

1" Wide, 3" Long



Instantly fasten pictures to walls, radar detectors to dash, smoke detectors to ceilings. 64-2344 ..... Pkg. of 8/1.89

**Self-Sticking Cushion Feet**

**89¢**

Pkg. of 12



Great for projects, or replacements on radios, calculators, more. Just peel and stick. 64-2346 ..... 89¢

**Jumbo Size Cushion Feet**

NEW FOR 84

**129**

Pkg. of 8



Self-sticking 3/4" square cushions are ideal for larger items such as TVs, computers, speakers. 64-2342 ..... 1.29

**Hook-and-Loop Fastener Strips**

**189**

Pkg. of 4




Long-lasting 3-inch strips for attaching items to car dash, grill cloth to speakers, more. 64-2345 ..... Pkg. of 4/1.89

**Insulated Wire Staples**

**79¢**

Pkg. of 40



Say "goodbye" to hazardous loose wires! Ideal for tacking wires along baseboards, walls. 64-2875 ..... Pkg. of 40/79¢

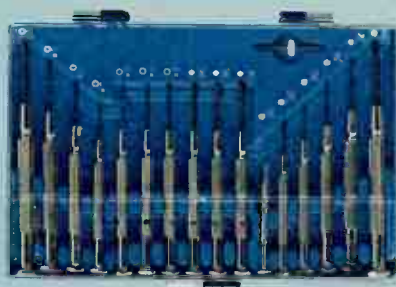
# STOCK YOUR SHOP WITH QUALITY ARCHER® TOOLS

## Handy 16-Piece Precision Tool Set

**NEW FOR '84**

**895**

- Fitted Case Keeps Tools Organized
- Great for Hobbyists And Do-it-Yourselfers



Set features 16 of our most popular drivers—great for almost any kind of handywork. Includes four Phillips drivers, three nutdrivers, three hex keys, six screwdrivers and a torque bar. 64-1961 ..... 8.95

One-Hand Operation

## Versatile Precision Tool Kits



**ONE OF OVER NEW LOW PRICES** **350** **349** Each

Were \$3.99 Each in 1983 Catalog

All Kits Include Fitted Case

**Screwdrivers.** Six screwdrivers, sizes #1-6. Nickel-plated brass handles and swivel tops. Widths from 0.8 to 3.8mm. 64-1948 ..... 3.49

**Nutdrivers.** Set of five with swivel tops and nickel plated brass handles, torque bar. 64-1957 ..... 3.49

**Phillips and Hex Keys.** Set of five with two Phillips screwdrivers, three hex key wrenches and a torque bar. 64-1958 ..... 3.49

**Combination Screwdrivers.** Six screwdrivers: two Phillips and four regular. 64-1959 ..... 3.49

## Pliers and Cutters for Every Application



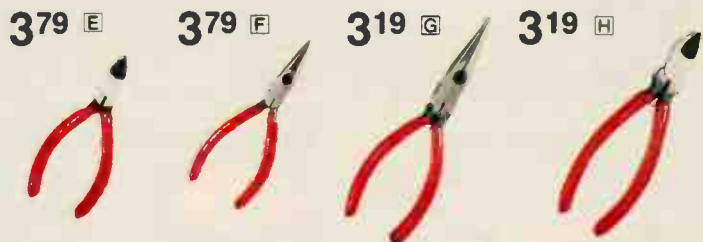
Great for hobbyists and professionals alike. Archer tools are made with the quality you expect, at a price you can afford.

**A Pro-Quality 5 1/4" Long Nose Pliers.** Made of top-grade steel. With spring return and insulated grips. 64-1812 ..... 5.99

**B Pro-Quality 4 1/2" Diagonal Cutters.** Long-lasting top-quality steel, spring return, insulated grips. 64-1813 ..... 5.99

**C 6" All-Purpose Plier.** Use as a nutwrench, stripper, cutter or crimper. Insulated handles. 64-1847 ..... 3.99

**D 5" Nippy Cutters.** Flush-cutting design lets you cut leads close to PC boards. Great for your bench! 64-1833 ..... 2.99



**E 4 1/2" Diagonal Cutters.** Slips in to cut wire in those hard-to-get-at places. With insulated grips. 64-1841 ..... 3.79

**F 5" Long-Nose Pliers.** Drop forged for a long, durable life. Insulated grips for electrical work. 64-1843 ..... 3.79

**G 6 1/2" Needle Nose Pliers.** Made of long-lasting hardened steel. Comfortable, insulated grips. 64-1844 ..... 3.19

**H 6" Diagonal Cutters.** Durable blades for the tough jobs. Made of hardened steel, with insulated grips. 64-1845 ..... 3.19

## Magnetizer Demagnetizer



**NEW FOR '84**

**179**

Super-efficient magnet magnetizes and demagnetizes screwdrivers and other small tools.

64-1870 ..... 1.79



## 4-in-1 Driver Set



**ONE OF OVER NEW LOW PRICES** **350** **399**

Was \$4.49 in 1983 Catalog

2-Piece Set

Standard: 1/4", 9/64", Phillips: #1-2. Nutdriver: 3/16", 1/4", 5/16", 3/8". 64-1865 ..... 3.99

## Magnetic Screwdriver



**ONE OF OVER NEW LOW PRICES** **350** **399**

Was \$4.49 in 1983 Catalog

Standard: 9/32", 3/16", Phillips: #1-2. Nutdriver: 1/4". Holds parts in place for ease and convenience.

64-1954 ..... 3.99

## 2-in-1 Reversible Screwdriver



**Rugged Molded Handle** **349**

Reversible screwdriver has #1 Phillips and 3/16" standard heads. Both lock securely in place. 64-1950 ..... 3.49

## 3-Piece Mini Screwdriver Set



**149** Includes Storage Pouch

Swivel heads. For fixing eye glasses, meters and other delicate instruments. 64-1982 ..... 1.49

## 8-Pc. Nutdriver Set



**499**

Includes Storage Case

Interchangeable drivers, tempered steel. 1/8", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". 64-1800 ..... 4.99

## 6-Pc. Nutdriver Set



**ONE OF OVER NEW LOW PRICES** **350** **399** Was \$4.79 in 1983 Catalog

Hardened, tempered steel. Easy-grip molded handles. Sizes: 3/16" to 7/16". 64-1821 ..... 3.99

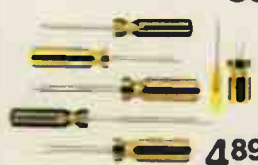
## 8-Pc. Screwdriver Set



**349**

#0-2, Phillips. 1/4", 3/16", 1/8" standard. With scratchawl, gimlet and torque handle. 64-1835 ..... 3.49

## 7-Pc. Screwdriver Set



**489**

1/4 x 1 1/2" stubby, 1/8 x 2 1/4" midjet, 1/4 x 4 1/4" mechanics, 3/16 x 4" & 3/16 x 6" cabinet, #1-2 Phillips. 64-1823 ..... 4.89

## 4-in-1 Tool Set With Carry Case



**119**

Strong Molded Handles

Set includes two flatheads, one Phillips and an awl. 64-1819 ..... 1.19

# MORE TOOLS AND ACCESSORIES FOR SPECIAL JOBS

## Electric Engraver

**1195**

- Identify Your Valuables
- Width/Depth Adjustment

Easily identify your property. Lightweight, 6<sup>3</sup>/<sub>4</sub>" long housing. 7200-RPM motor, carbide point. U.L. listed AC operation. 64-2173 . . . . 11.95

**Writes on Metal, Wood And Plastic**

## Handy Nibbling Tool

**949**



Easy-to-use hand-held sheet metal cutter. Cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic. 64-823 . . . . . 9.49

## Illuminated 30X Microscope

**1295**

Great for Examining Small Objects Like Stamps, Coins and Microcircuits



Deluxe microscope puts light directly on object. Thumbwheel focus control. 5 1/2" long. With vinyl case. Requires two "AA" batteries. 63-850 . . 12.95

## Precision Knife Kit

**369**



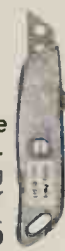
Ten multi-purpose interchangeable steel blades. Use for delicate cutting operations. With fitted case. 64-1801 . . . . . 3.69

## Mini Utility Knife

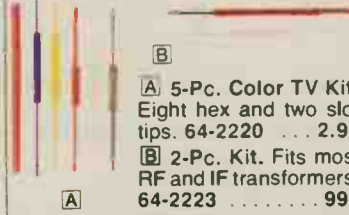
**199**

**Blades Store in Handle**

Blade locks in four positions. For cutting, scoring or trimming. Safe for your pocket. Only 2 5/8" long. 64-1852 . . . . . 1.99



## TV Alignment Tool Sets



**A** 5-Pc. Color TV Kit. Eight hex and two slot tips. 64-2220 . . . 2.99  
**B** 2-Pc. Kit. Fits most RF and IF transformers. 64-2223 . . . . . 99¢

## Lighted Dual Magnifier

**498**

Read with 3" main lens, use 1" inset for fine type. Requires two "AA" batteries. 63-848 . . . 4.98



## Hobby Knife

**99¢**



Precision knife is great for hobbyists, artists and craftsmen. Surgically sharp steel blade. Metal handle. 64-1805 . . . . . 99¢



## Knife Sharpener

**299**

Carbon steel rods for maximum sharpness. For scalloped, straight or serrated blades. 64-1860 . . 2.99

## 18-Pc. Hex Key Set

**199**



Complete range of short and long arm hex key sizes. 64-1849 . . . . . 1.99

## 8 1/2" Multi-Wrench

**399**



A single tool that can handle even rusty nuts and bolts from 3/8" to 1 3/16" (9mm to 22mm). Automatically adjusts. 64-1863 . . . . . 3.99

## Solar Cigarette Lighter

**199**



Flameless! Parabolic mirror lights cigarettes in seconds. Carry pouch. 61-2797 . . . . . 1.99

## Mini Fluorescent Light

**NEW FOR '84**

**895**



**For Instant Light At Home or Away!**

Surprisingly bright and feathery light! Perfect for camping, highway emergencies and black-outs. Small enough for backpack or glovebox. Also has built-in spotlight. Handy carry cord. 8 x 2 1/4 x 1 3/8". Requires three "C" batteries. 61-2734 . . . . . 8.95

- C** 5-Cell Flashlight. Requires 5 "D" batteries. 68-1022 . . . . . 1.98
- D** Standard "D" Cell. Requires 2 "D" batteries. 61-2624 . . . . . 1.29
- E** Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2641 . . . . . 1.69
- F** Heavy-Duty "D" Cell. Requires 2 "D" batteries. 61-2639 . . . . . 1.69
- G** Magnet Light. Requires 2 "D" batteries. 61-2640 . . . . . 2.69
- H** Search Light. Requires 3 "D" batteries. 61-2635 . . . . . 2.79
- I** Handy Pen Light. Requires 2 "AA" batteries. 61-2626 . . . . . 1.99
- K** 6 Volt Lantern. Requires 6 Volt "spring terminal" lantern battery. 61-2628 . . . . . 3.49
- L** "D" Cell Lantern. Requires 4 "D" batteries. 61-2634 . . . . . 2.99
- M** "C" Cell Lantern. Requires 4 "C" batteries. 68-1034 . . . . . 1.98
- N** Disposable Clip Light. With battery. 61-2625 . . . . . 1.69
- O** Disposable Hand Light. With battery. 61-2636 . . . . . 1.99



See Page 150 for Everything in Flashlight Batteries

# SHOP SHACK® FOR YOUR ELECTRICAL ACCESSORIES

## Noise Filter/Voltage Spike Protector



2195

NEW FOR 84

- Ideal for Expensive Audio, Video and Computer Systems
- Plugs Into Existing Grounded AC Outlet

Guards sensitive equipment from line noise and harmful spikes. Toroid coil filter protects electronic equipment from line noise in the 0.5 to 5 MHz range, and prevents equipment-generated noise from entering line. MOV spike protector absorbs power surges that could damage ICs. Neon indicator shows all circuits functioning. Three-wire. 10A at 120VAC. U.L. listed. 61-2785 . . . . . 21.95

## Wireless RF Remote Control Switch



3495

- 50-Foot Range
- Digital Coded Operation

Switch On Lights Before Entering

Plug switch into AC outlet, then plug appliance into switch. Changeable digital codes prevent interference 1000W. U.L. listed. Transmitter requires 9V battery. FCC registered. No license required. 61-2665 . . . . . 34.95

## Wireless Sonic Remote Switch



2795

Armchair Convenience! Get Instant Remote Control of Lights and Appliances From Up to 100 Feet Away

No cords, wires or batteries. Signal processor controls TV, stereo, lamps and appliances. Just plug into AC outlet, squeeze hand-held whistle, and devices turn on or off. Adjustable range. Handles 400 watts U.L. listed. 61-2660 . . . . . 27.95

## Automatic Lamp Control

NEW FOR 84



795

Control your lamps with sunlight. Turns power on at dusk and off at dawn. Just mount lamp control in an area reached by sunlight, then plug control into 120VAC outlet and plug lamp into control. 300 watts maximum. For incandescent indoor use only. U.L. listed. 61-2774 . . . . . 7.95

## Automatic Light Control



895

Turns Lights On at Dusk and Off at Dawn

Use outdoors or for some indoor applications, in any position—ideal for driveway entrances, patio or anywhere you need light. Fits PAR-38 floodlight sockets. With lens shield and washer. 150 watts maximum. U.L. listed. 61-2775 . . . . . 8.95

## Voltage Spike Protector



995

Protect Your TV and Other Solid-State Equipment From High-Voltage Surges

No wiring necessary—just plug into wall socket. Absorbs excess spike energy and allows only a safe voltage level to reach your equipment. Rated 15A at 120VAC. U.L. listed. 61-2790 . . . . . 9.95

## Light Dimmer Switches



A Rotary Dimmer

695 Each

B Toggle Dimmer

A Rotary Dimmer. Push-on/off rotary dial varies lighting to suit the occasion. Fits standard wall box. 120VAC. 600W max. Incandescent only. U.L. listed. 61-2699 . . . . . 6.95

B Toggle Dimmer. On/off positions plus full-range dimming in between. Same ratings as above. 61-2694 . . . . . 6.95

## Plug-In Power Strips



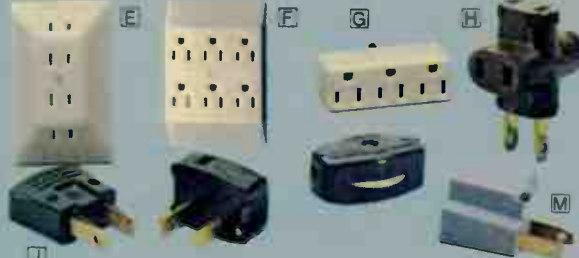
Electrically Grounded

Low As 1595

C 4-Outlet. Extra outlets for appliances and other items. Push-to-reset circuit breaker. Includes 6-foot cord and grounded plug. Rated 15 amps, 125 volts. U.L. listed. 61-2620 . . . . . 15.95

D 6-Outlet. Same as above, with two additional outlets. On/off switch and "power on" indicator light. 61-2619 . . . . . 21.95

## Handy Electrical Accessories



All U.L. Listed for Electrical Safety

- E 4-Outlet Plug. Two-wire type. 61-2621 . . . . . 1.99
- F 6-Outlet Plug. Three-wire type. 61-2622 . . . . . 3.49
- G 3-Outlet Plug. 61-2705 . . . . . 1.99
- H 3-Plug Cube Tap. 61-2701 . . . . . Pkg. of 2/1.09
- I Quick Plug. 61-2702 . . . . . Pkg. of 2/1.19
- K Flush Wall Plug. 61-2703 . . . . . Pkg. of 2/1.59
- L Mini Line Cord Switch. 61-2713 . . . . . 99c
- M Grounded Adapter. 61-2720 . . . . . Pkg. of 2/1.09

## U.L. Listed Extension Cords



NEW FOR 84

N 25-Foot 2-Wire One Outlet Cord. Polarized plug and socket. 61-2759 . . . . . 3.49

O 12-Foot Power Center Extension Cord. 3-prong grounded plug with three outlets. 61-2763 . . . . . 5.49

P 3-Foot Cord. As above. 61-2762 . . . . . 3.99

Standard. Polarized. 2-wire cube outlet

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39



# ENERCELL® RECHARGEABLE BATTERIES SAVE MONEY



## Nickel-Cadmium Batteries— Use Them Over and Over

- Keep Working Long After Other Batteries Have Worn Out
- Steel-Clad and Insulated for Dependability
- Choose From Five Popular Sizes

Stop wasting money on one-life batteries. ENERCELL batteries can be recharged time and again with the chargers below. Available in sizes "D", "C", "AA", "AAA" and for \*9V applications. The most efficient source of reusable power available. Rated 1.25V.

Fig.	Type	Replacement for			Cat. No.	Pkg. of 2
		Eveready	GE	Duracell		
A	D	CH1.2/D	GC3	NC 13D	23-123	6.19
B	AA	CH500	GC1	NC15AA	23-125	4.39
C	C	CH1.2/C	GC2	NC14C	23-124	6.19
D	9V*	CH22BP	GC9B	NC169VB	23-126	9.95 Ea.
E	AAA				23-127	4.39

### Archer® "AA" Battery Charger



**695** Batteries not included

Plugs Into AC Wall Outlet  
Recharges "AA" size nickel-cadmium batteries. Snap-on module charges two or four batteries at a time. U.L. listed. 23-133 . . . . . 6.95

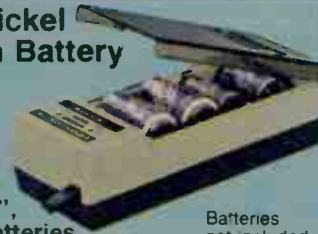


### Transistor Battery Charger

**395** Battery not included

Costs pennies in electricity per year—and saves dollars on batteries. For nickel-cadmium 9V applications only. U.L. listed. 23-131 . . . . . 3.95

### Archer Nickel Cadmium Battery Charger



**1195**

For "D", "C", "AA", 9V Batteries

Recharges in 7 to 14 hours, depending on initial charge. Recharge two batteries of different size at the same time. U.L. listed. 23-132 . . . . . 11.95

### "AAA" Charger Module

**NEW FOR 84**

Available Sept. 30

**195**

Holds one "AAA" nickel-cadmium battery. fits into 23-132 and 23-134 chargers.

23-135 . . . . . Pkg. of 4/1.95



Battery not included

### Deluxe Archer Battery Charger

**2995** **NEW FOR 84**

Automatically Regulated Charging Rate

Batteries not included

Charge up to ten "C", "D", or "AA" batteries at a time in any combination of twos. Or charge up to three 9V batteries. LEDs show when system is charging. U.L. listed.

23-134 . . . . . 29.95



Available Oct. 30

## Radio Shack is The Place for Those "Hard-to-Find" Batteries

### Portable Lantern

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-D Vac	Ever-easy	Dura-Cell		
F	12	926	732	M926	23-007	10.39
G	6	944	1209	M948	23-016	4.49



### Miniature

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-D Vac	Ever-easy	Dura-Cell		
M	1.4	T640-1	E640	RM640	23-1515	2.19



### Transistor Radio

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-D Vac	Ever-easy	Dura-Cell		
H	22.5	221	505	M505	23-510	4.29
J	1.5	716-4	904	910F	23-574	.29



### Photo/Lighter

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-D Vac	Ever-easy	Dura-Cell		
N	12.0				23-144	.89
O	6.0		A544	PX28L	23-469	3.79
P	5.6		E164	PX32B	23-463	4.95
Q	1.35		EPX13	PX13B	23-470	1.99
R	6.0	867	539	7K67	23-471	3.29



### Smoke Alarm

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-D Vac	Ever-easy	Dura-Cell		
K	12.6		304116	304116	23-670	10.95
L	11.2		E431BP	TR431	23-671	10.95



### Specialty

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-D Vac	Ever-easy	Dura-Cell		
S	7.0	T175	E175	TR175	23-601	4.59
T	1.4	T401	E401	RM401	23-660	1.49
U	4.2	T133	E133	TR133	23-1523	6.39
V	8.4		E146X	TR146X	23-1527	6.69



# ENERCELL BATTERIES FOR THE POWER YOU NEED



**A** 6V Lantern  
**B** 1.5V "D" Cell  
**C** 1.5V "C" Cell  
**D** 9V Rect.  
**E** 1.5V "AA" Cell

## For General Purpose Applications

- Cost Less Than Most Brands
- Protected Against Leakage

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong. Compare and you'll see what a value they really are.

Fig	Cell Type	Replacement for		Cat No	Each
		Eveready	Ray-O-Vac		
A	6V	509	941	23-006	2.89
B	"D"	950	13	23-466	34
C	"C"	935	14	23-467	34
D	9V Rect.	216	1604	23-464	59
E	AA	915	15	23-468	27

Get Your **FREE** Battery Card!



**\$708** Value

Join our Battery-A-Month Club and get a Radio Shack "D", "C", "AA" or 9V General Purpose ENERCELL each month, **FREE**, for a whole year! Nothing to buy, no obligation!

Good at Participating Radio Shack Stores and Dealers



**F** 1.5V "D" Cell  
**G** 1.5V "C" CELL  
**H** 9V Rect.  
**J** 1.5V "AA" Cell  
**K** 1.5V "AAA" Cell

## Power for Heavy-Duty Use

- "Miracle Seal"—Greater Leak Protection
- Up to 3 Years Shelf Life
- Rigid Steel Case
- Stock Up—Be Prepared For Emergencies

Save money by stocking up on our exclusive ENERCELL Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer replacements! Up to 3-year shelf life and reliable discharge voltage give you even more for your money.

## Archer® Home Battery Charger

Charges 2 or 4 Regular or Extra-Life Batteries



Power Indicator  
Batteries not included

**12<sup>95</sup>**

Revitalizes your radio and flashlight batteries. Charges all popular sizes: "C", "D", "AA", and 9V. Cannot overcharge. For General-Purpose and Extra-Life batteries only. 2 1/4 x 8 1/2 x 3 3/4". U.L. listed. 23-120 ..... 12.95

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ray-O-Vac	Eveready		
F	"D"	6D	1250	23-580	.55
G	"C"	4C	1235	23-581	.55
H	9V Rect.	D1604	1222	23-583	.99
J	"AA"	5AA	1215	23-582	.45
K	"AAA"	400	912	23-584	.35

## Deluxe Battery Tester With 8 Ranges

**NEW FOR '84**

**9.95**

Leads for Testing Non-Standard Batteries



Accurately measures batteries under actual "load" condition. Ranges include 1.5/3/6/9/12/15/22.5 volts. Tests almost any type of electronic, flashlight or button battery—including carbon-zinc, alkaline, mercury, silver oxide, nickel cadmium and lithium types. 5 x 3 1/2 x 1 1/2". 22-031 . . 9.95

## Handy Battery Checker

**NEW FOR '84**

**6.95**

Tests "D", "C", 9V, "AA", "AAA", "N" Sizes

For most popular types. Checks zinc carbon, alkaline, mercury and nickel cadmium batteries. Large, easy-to-read meter. 5 1/2 x 2 1/8 x 1 7/8". 22-096 ..... 6.95



## "Radio Shack" Battery Checker

Styled Like Our Popular ENERCELL Batteries

**3.99**



A real charge in battery testing, direct from Radio Shack! Meter indicates strength. For 9V "transistor", 1.5V "C", "D" and "AA" sizes. 4 1/4 x 3 1/4 x 1". 22-098 ..... 3.99

Prices Apply at Participating Radio Shack Stores and Dealers

# DEPENDABLE LONG-LIFE ENERCELL® ALKALINES

## Alkalines—Your Source of Long-Lasting Power



- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life • Anti-Corrosion Contacts
- High Output at Low Temperatures • For All Standard Uses

Each of our exclusive alkalines delivers top performance even at high current drain and retains full power during long-term storage. Steel-clad, insulated and dependable!

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
A	"C"	814	E93	MN1400	23-551	Pkg. 2/2.49
B	9V Rect.	A1604	522	MN1604	23-553	Each 1.99
C	"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.49
D	"AA"	815	E91	MN1500	23-552	Pkg. 4/2.99
E	"N"	810	E90	MN9100	23-023	Pkg. 2/1.49
F	"D"	813	E95	MN1300	23-550	Pkg. 2/2.49



Toys Run Longer!



Radios Play Longer!



Extended Power In Flashlights!

Longer Life For Walkie Talkies!



## ENERCELL Watch and Calculator Batteries

- Extra Protection Against Leakage
- Keeps Working Harder and Longer

These ENERCELL batteries will power your watch or calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.



Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357/10L14	G13, 541	23-009	2.19
389	389	RW49	D389/10L122	G10, V10GS	23-101	1.49
392	392	RW27/47	D392/10L125	G3, 547	23-102	.99
393	393	RW28/48	D393/10L123	G5 546	23-103	1.49
303	303	...	D303/WS14	GS14, 521	23-104	2.19
357	357	RW22/42	D357/10L14	G13, 541	23-105	2.19
386	386	RW24/44	D386/10L124	G12, 548	23-106	1.69
391	391	RW40	D391/10L130	G8, V8GS	23-107	1.29
323	323	RW58	D323, WH6	Type C, 506	23-108	1.19
343	343	RW56	D343, WH8	Type B, 509	23-109	1.19
362	362	RW310	D362	Type S, 532, SR721	23-110	1.39
364	364	RW320	D364	Type T, 531, SR621	23-111	1.39
396	396	RW411	D396	Type V, 556, SR726	23-112	1.39
399	399	RW413	...	Type W, 543, SR926	23-113	1.39
P675	EP675	RP675	MP675	8107, M13	23-1521	Pkg. 2/1.39

## Lithium Watch And Calculator Batteries

- Longer Shelf Life
- Superb Leakage Resistance

A breakthrough in lightweight, high-voltage, high energy-density power for watches and calculators. Lithium cells are the latest in high-performance power sources.



Radio Shack	Replaces			Cat. No.	Each
	G. E.	Eveready	Duracell		
CR2016H	CR2016	E2016	DL2016	23-160	1.79
CR2025	CR2025	E2025	DL2025	23-161	1.79
CR2032	CR2032	E2032	DL2032	23-162	1.79
CR2320H	...	E2320	...	23-163	1.79

## Maximum-Performance Alkaline Calculator Batteries

Maximum protection from leakage through exclusive sealing design. Long-life keeps your calculator running at peak performance.



Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Maxell	Other		
357A	A76	RW82	LR44	V13GA, 76A	23-115	.79
386A	186	RW84	LR43	V12GA, 86A	23-116	.79
389A	189	RW89	LR1130	10GA, 89A	23-117	.79
391A	191	...	LR1120	...	23-118	.79

## Mercury Hearing Aid Battery Pack

Each battery passes more than 20 exacting quality checks, your assurance of the dependability you need.



Radio Shack	Replaces				Cat No	Price
	Eveready	Ray-O-Vac	Duracell	Other		
P675M	EP675	RP675	MP675H	8107 675MP	23-145	Pkg 6/2.79
13M	E13E	R13	RM13H	8118 M13	23-146	Pkg 6/2.69

There's a Radio Shack Store or Dealer Near You—Wherever You Are

# SAFE, SOLDERLESS SCIENCE FAIR® HOBBY KITS



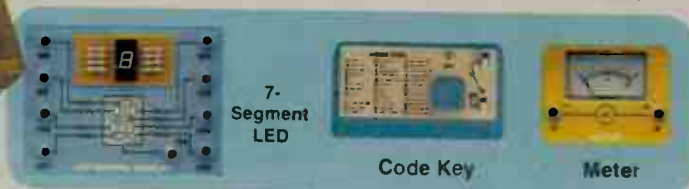
Includes 186-page lab manual

Increase Your Knowledge With 160 Challenging Electronics Projects

**29<sup>95</sup>**

Includes Everything you Need to Work All Projects Featured in Kit

Build radios, learn about solar telemetry, experiment with computer circuits, and much more! Parts are pre-mounted with spring-clip connectors. All projects are solar or battery powered. Requires one 9V and two "AA" batteries. 28-258 ..... 29.95



## 50 Electronic & Magnetic Projects



**19<sup>95</sup>**

Finished Wood Workbox With Pre-Mounted Parts

Stimulates young minds. Build a radio, telegraph, Morse code system, and more. Work with transistors, diodes, resistors and capacitors. With lab-type manual. Requires two "AA" and one 9V battery. 28-227 ..... 19.95

## Electronic Organ Kit

NEW FOR '84



**12<sup>95</sup>**

With 18 Keys Including Sharps and Flats

Build a tunable organ that plays natural and chromatic musical scales. Built-in speaker. With song book. Requires 9V battery. 28-251 ..... 12.95

## 30 Projects Make Learning Fun



**14<sup>95</sup>**

Parts Are Pre-Mounted In Sturdy Molded Case

Construct a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Requires two "AA" batteries. 28-161 ..... 14.95



## Ten Electronic Projects

**9<sup>95</sup>**

Build a water detector, code system, "and", "or" and flip-flop computer circuits. Requires 9V battery. 28-160 ..... 9.95

## AM Radio Broadcaster Kit

NEW FOR '84

**7<sup>95</sup>**

Talk or sing through any standard AM radio up to 40 feet away. With microphone. Requires 9V battery. 28-233 ..... 7.95

## AM/FM Radio Kit Tunes In Fun

**12<sup>95</sup>**

Includes Preamsembled FM tuner and four transistors. With earphone. Requires two "AA" batteries. 28-234 ..... 12.95



## VHF "Action" Radio Kit

**14<sup>95</sup>**

Hear Police, Aircraft, Weather

Police bands vary. Check for local frequencies.

Covers 108-135 MHz and 147-174 MHz bands. With dust cover and earphone. Requires 9V battery. 28-221 ..... 14.95



## "Old-Time" AM Radio Kit

**4<sup>95</sup>**

"Plays Forever"

No tubes, transistors or batteries. Like the very first radios, a crystal converts RF to audio. With earphone. 28-219 ..... 4.95

## Build a Transistor AM Radio

**6<sup>95</sup>**

Listen to local stations. Tunes entire 550-1600 kHz band. With earphone. Requires 9V battery. 28-229 ..... 6.95



Radio Shack CitiLine, American Express, Mastercard and Visa Welcomed at Most Stores

# PROJECT KITS FOR ELECTRONICS LEARNING FUN

## Our Largest Lab Kit! 200 Projects

**44<sup>95</sup>**

A Great Introduction Into the Exciting World of Electronics!



7-Segment LED



2 Integrated Circuits



Meter



Includes 128-page lab-type manual with easy-to-follow instructions



No prior knowledge of electronics necessary! Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and much more. You also get two integrated circuits to learn computer fundamentals. All parts are pre-mounted in the molded case with out-front controls and speaker. Includes see-thru dust cover. Requires six "AA" batteries. 28-249 ..... **44.95**

## Discover the Miracle of Solar Power



**NEW FOR '84**

**14<sup>95</sup>**

Solar cells power most projects: radios, a light-activated alarm, electronic storage tank, others. Springclip assembly. Requires 9V battery. 28-255 ..... **14.95**

## Digital "Computer" Kit

**26<sup>95</sup>**

100 Exciting Projects

Learn about programming, binary math, health, geography and more. Lighted display, ten control switches. Springclip assembly. 68-page manual. Requires three "C" batteries. 28-218 ..... **26.95**



## Electric Motor/Generator Kit

**9<sup>95</sup>**



Tri-polar motor measures RPM and current, powers devices. Requires two "C" batteries. 28-194 ..... **9.95**

## ArcherKit® . . . Solder Kits for Advanced Hobbyists



**A** **7<sup>95</sup>**



**B** **19<sup>95</sup>**



**C** **29<sup>95</sup>**



**D** **12<sup>95</sup>**

**A** **8-Range Multitester Kit.** Pocket-sized. 1000 ohms/volt DC sensitivity. Measures to 1000V, AC and DC, in six ranges, DC current to 150mA, resistance to 100,000 ohms. With leads. Requires "AA" battery. 28-4012 ..... **7.95**

**B** **25-Range Multitester Kit.** Color-coded mirrored scale. 20,000 ohms/volt DC sensitivity. Measures to 1200V, AC and DC, in 12 ranges, DC current to 60  $\mu$ A, and 0-300 mA in three ranges, resistance to R x 1000. With leads. Requires "AA" battery. 28-4013 ..... **19.95**

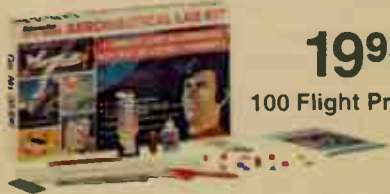
**C** **43-Range Multitester Kit.** 50,000 ohms/volt DC sensitivity. Range Doubler switch for high accuracy. Measures to 1000V, AC and DC, in 28 ranges, DC current to 10A in 10 ranges, resistance to R x 10,000 ohms, dB from -20 to +62. With leads. Requires "AA" and 9V batteries. 28-4014 ..... **29.95**

**D** **Portable AM Radio Kit.** Printed circuit boards for easy assembly. Built-in speaker, plus earphone jack for private listening. 540-1600 kHz. With instructions. Requires 9V battery. 28-4029 ..... **12.95**

## Learn All About Aeronautics

**19<sup>95</sup>**

100 Flight Projects



Build a helicopter, flyable model plane, helium balloon. Includes lab-type manual. 28-196 ..... **19.95**

# YOU'RE IN THE DRIVER'S SEAT WITH RC VEHICLES



## High-Performance, Authentic BMW 323 Racer

Multi-Function Remote Control Lets You Move Forward and Backward, Stop, Turn Right and Left in Both Forward And Reverse

Steering Trim Adjustment

**NEW FOR '84** 29<sup>95</sup>



You're the driver of this sleek, powerful racing machine. Highly responsive controls for high-speed racing! Requires four "AA" and two 9V batteries. 10<sup>3/4</sup>" long. 27 MHz. 60-3083 . . . . . 29.95

## High-Speed Porsche 928 Racer

11<sup>95</sup>



Authentically Styled



When the green flag drops, GO! Hand-held transmitter is your "steering wheel" for forward, reverse/turn commands at your fingertips. Requires four "AA", two 9V batteries. 9" long. 27 MHz. 60-3041 . . . . . 11.95

## Sleek Mustangs for Exciting Fast-Paced Action



- Two Different Frequencies—Race 'em Against Each Other
- For Any Smooth Surface

19<sup>95</sup> Each



Authentically-styled racers that really fly across the racetrack. Each requires three "AA", two 9V batteries. 8" long.  
**A** Mustang. 27 MHz. 60-3077 . . . . . 19.95  
**B** Mustang. 49 MHz. 60-3078 . . . . . 19.95

## Highway Patrol Motorcycle

**NEW FOR '84** 29<sup>95</sup>

- A Road-Action Patroller
- Banks Into Turns Like Real Motorcycles



Remote control moves it forward, left and right. Removable rider. Requires six "AA", one 9V battery. 11<sup>1/2</sup>" long. 27 MHz. 60-3091 . . 29.95



## Digital Proportional Racers With Direct Response to Your Commands



39<sup>95</sup>

**NEW FOR '84**

- Full Control at Your Fingertips
- Speed and Steering Trim Adjustments
- Detailed, Authentic 1/15-Scale Styling

**BMW M1.** Pretend you're at the wheel of this dynamic racer. Clutch in, RPMs up, Green flag, Go! Races forward and reverse, turns left/right, stops. Requires six "AA", one 9V battery. 11<sup>1/2</sup>" long. 27 MHz. 60-3088 . . . . . 39.95



ONE OF OVER 350 NEW LOW PRICES

59<sup>95</sup>

Was \$69.95 in 1983 Catalog

- Moves Forward and Reverse, Turns Left and Right Proportionally
- Dual-Speed Control Switch
- Direct Response to Your Commands

**Porsche 935.** Grab the wheel and fasten your seat-belt for a high-speed race to the finish. For ages 6 and up. Requires ten "AA", five "C" batteries. 14" long. 27 MHz. 60-3045 . . 59.95



**NEW FOR '84**

49<sup>95</sup>

- Three Gear Levels for Climbing, Driving and Racing
- Quick Forward/Reverse Starts
- Durable Construction

**Jeep® Renegade®.** Traverses the most rugged terrain or speeds by the fastest racers. Goes forward and reverse, turns left and right, stops. Requires five "C", six "AA" batteries. 13<sup>1/2</sup>" long. 27 MHz. 60-3089 . . . . . 49.95



Jeep and Renegade are registered trademarks of Jeep Corporation and are used with its permission.

# ROBOT "ARM" FOR HOURS OF EXCITING ACTION

Armatron™ Provides Fun and Creative Enjoyment for the Whole Family

ROBOTICS  
AGE



*"It is addictive after you first flip the power switch. If you buy one for yourself, either get another for the kids or don't let them see it."*

Robotics Age Magazine, Copyright 1982

**NEW  
FOR '84**



**31<sup>95</sup>**

Armatron works just like real robots. You can manipulate it to execute "hazardous" scientific experiments in your "laboratory" or add cream and sugar to your coffee. It can even move game-board pieces for you. Two joysticks activate all its motions for total command—simply rotate them in the proper direction and it will give you the movement necessary to grip, pick up, rotate, move and release. The rubber-coated pinchers are excellent for secure gripping. You can compete with Armatron, too. Just use the energy level meter as a countdown timer and test your skill against an opponent. Includes globe modules, cannisters and cones for exercising delicate operations. Good clean fun for kids of any age. Requires two "D" batteries. 14" high at maximum arm extension. Base, 8 1/4" wide and 6 1/2" long. 60-2364 . . . . . 31.95

## Take Command With These Battlefield Replicas



**24<sup>95</sup>**



**39<sup>95</sup>**



**NEW  
FOR 84**

**14<sup>95</sup>**



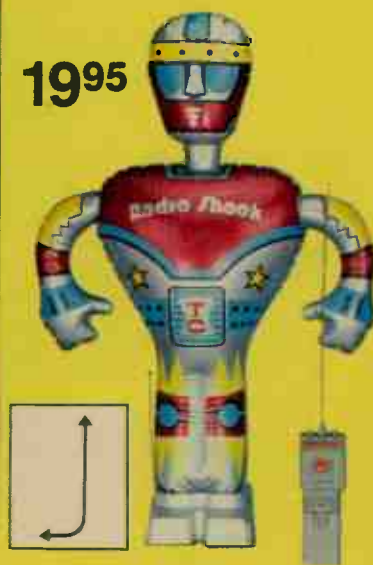
**NEW  
FOR 84**

**27<sup>95</sup>**



## Outer-Space Robot

**19<sup>95</sup>**



**A Battle Tank.** A realistic-looking tank for action-packed fun! Attacks or evades with forward, right and left, stop commands. Requires three "C", two 9V batteries. 8 1/2" long. 27 MHz. 60-3009 . . . . . 24.95

**B Sherman Tank.** A scaled down model of the renowned WW-II tank! Maneuvers forward, right and left, stops. Climbs 45° inclines. Requires three "C", two 9V batteries. 13" long. 27 MHz. 60-3037 . . . . . 39.95

**C Budget.** A US Army Jeep with provision for army action-figures. Forward, reverse/turn commands. Movable gun. Requires four "AA", two 9V batteries. 8 3/4" long. 27 MHz. 60-3087 . . . . . 14.95

**D Deluxe.** Just like today's military vehicles. Maneuvers forward/reverse, right/left, stops. Revolving gun for "real" simulated action. Requires four "AA", two 9V batteries. 9 1/2" long. 27 MHz. 60-3092 . . . . . 27.95

He's at your command, and moves forward and turns in reverse at the touch of a button. Motorized base has on-off switch. An intergalactic buddy! Requires four "C", two 9V batteries. Over 36" tall. 27 MHz. 60-3023 . . . 19.95

# GREAT GAMES FOR LOTS OF FAST-PACED ACTION

## Alien Chase Space Battle With Double-Faced Display



**NEW  
FOR '84**

**39<sup>95</sup>**

- Twin Displays Let Two Players "Fight it Out" In Face-to-Face Competition—Or Play It Alone, Against the Computer
- Four Game Variations at Two Skill Levels

Bright  
Fluorescent  
Display



You're an astronaut patrolling in space. Your mission: capture the aliens as they leave their ship and take them to your home base. But be careful—your opponent's after them too, and he can steal them away. Of course you can go after his captives too, but watch out for his beam guns, and stay away from those meteorites! Brilliant 4-color fluorescent display, action sound effects for hours of fun. Sound On/Off switch. 6<sup>1</sup>/<sub>4</sub> x 5<sup>7</sup>/<sub>8</sub> x 8<sup>3</sup>/<sub>16</sub>". Requires four "C" batteries or AC Adapter #273-1650. 60-2186 ..... 39.95

## Fight Your Way to the Top Of the Hill With Kingman



**NEW  
FOR '84**

**29<sup>95</sup>**

- Four Separate Patterns of Increasing Difficulty
- Sound On/Off Switch
- Bright, Multi-Color Fluorescent Display

Help the young lad rescue the fair damsel from Kingman and his family. 1 x 3<sup>3</sup>/<sub>8</sub> x 7<sup>1</sup>/<sub>2</sub>". Requires four "AA" batteries or AC Adapter #273-1650. 60-2184 ..... 29.95

## Explore Dangerous New Worlds With Zackman



**NEW  
FOR '84**

**34<sup>95</sup>**

- Four-Direction Joystick Control
- Wide Fluorescent Color Screen
- Sound On/Off Switch

You're on a hostile planet and under attack. Fight off robots and falling rocks to get the energy capsule and get away. 4-direction joystick. 5<sup>1</sup>/<sub>4</sub> x 5<sup>15</sup>/<sub>16</sub> x 9<sup>5</sup>/<sub>16</sub>". Requires four "C" batteries or AC Adapter #273-1650. 60-2185 ..... 34.95

## Pocket Repeat Game



**10<sup>95</sup>**

Computerized Fun  
That Goes Anywhere

Beat the computer at its own game—play back colors and sounds in the same sequence. Two different games in a "mini" size that fits pocket or purse. 1<sup>5</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>8</sub>". Requires 9V battery. 60-2152 ..... 10.95

**NEW  
FOR '84**

## Fight Off Aliens With Cosmic 3000 Fire-Away



**39<sup>95</sup>**

- Shoot Attacking Aliens Before They Get You
- Two Skill Levels

Avoid the bombs and fire! 3 x 5<sup>3</sup>/<sub>8</sub> x 10<sup>3</sup>/<sub>8</sub>". Requires four "C" batteries or AC Adapter #273-1650. 60-2183 ..... 39.95

## Shark Island Pocket Adventure Game



**NEW  
FOR '84**

**14<sup>95</sup>**

Liquid Crystal Display

Avoid sharks and falling coconuts. Two skill levels. 2<sup>1</sup>/<sub>16</sub> x 4<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>16</sub>". With batteries. 60-2179 ..... 14.95

## Pocket King Kong™ Game



With 4-  
Direction  
Control  
Button

**NEW  
FOR '84**

**19<sup>95</sup>**

Liquid Crystal Display

Climb the building to rescue the lady from King Kong, while avoiding his bombs. One or two players, four skill levels. 4<sup>1</sup>/<sub>4</sub> x 2<sup>5</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>2</sub>". With batteries. 60-2182 ..... 19.95  
™King Kong is a trademark of Universal Studios, Inc.



# MORE ELECTRONIC FUN AND GAMES FOR ALL AGES

## Computerized Portable Sensory Chess

**NEW FOR '84**

**59<sup>95</sup>**



- Nine Levels of Play
- Memory Stores Unfinished Games And Lets You Finish Them Later

**Tandy 1650 Chess.** Great for beginners or advanced players. Lets you set up positions and problems for analysis. You can even ask the computer for move suggestions. Sensitive playing board with LED position indicators and soft-touch control panel keys. 11<sup>1</sup>/<sub>2</sub> x 7<sup>3</sup>/<sub>8</sub> x 4<sup>5</sup>/<sub>16</sub>". Requires three "AA" batteries.

60-2187 ..... **59.95**

## LCD Computer Backgammon Game

**NEW FOR '84**

**59<sup>95</sup>**



- Play With a Friend Or Against the Computer
- Full LCD Board

Hours of fun for beginners or advanced players. Pushbutton controls let you move "pips" without error. Computer rolls at random—or comes with plastic dice, if you prefer to enter moves manually. Clear button lets you take moves back. Keeps game scores. 7<sup>7</sup>/<sub>8</sub> x 8<sup>5</sup>/<sub>16</sub> x 4<sup>1</sup>/<sub>8</sub>". Requires four "AA" batteries.

60-2188 ..... **59.95**

## Tandy-12 Electronic Computerized Arcade

**19<sup>95</sup>**

- 12 Games in One
- Large Brightly-Lit Easy-Punch Buttons
- Loud Musical Tones



Play repeat games, baseball, casino roulette and more! Requires 9V and four "C" batteries. 60-2159 ..... **19.95**

## Sports Arena 3-in-1 Game

**NEW FOR '84**

**19<sup>95</sup>**

- Play Football, Basketball And Soccer



Three fast-paced games for head-to-head 2-player competition. Easy four-directional controls. LED display. Pro and amateur settings. 11<sup>1</sup>/<sub>16</sub> x 10<sup>1</sup>/<sub>2</sub> x 7<sup>7</sup>/<sub>8</sub>". Requires 9V battery or AC Adapter #60-3053. 60-2178 ..... **19.95**

## Electronic Programmable Organ

**19<sup>95</sup>**

Records and Plays Back Up to 98 Notes and Spaces in Any Combination

Features manual play with 22 keys and "space" key. With eight pre-recorded songs, songbook and easy-to-read instruction manual. 13<sup>3</sup>/<sub>4</sub> x 6<sup>1</sup>/<sub>4</sub> x 1<sup>3</sup>/<sub>4</sub>". Requires six "AA" batteries.

60-1022 ..... **19.95**

## Wireless FM Microphone

**6<sup>95</sup>**

- Talk or Sing Over Any FM Radio
- Do Interview Shows
- Broadcast From One Room to Another
- Built-In Antenna



Be a radio announcer! Host your own show—just tune to a blank spot on the FM band and you're on the air. A great gift for kids. Includes antenna. Requires two "AA" batteries. 60-2109 ..... **6.95**

Use Dependable Radio Shack Batteries for Your Electronic Games

# LOW-COST ARCHER SPACE PATROL® WALKIE-TALKIES



**A**  
**995**  
Each

**B**  
**1595**  
Each

**C**  
**1888**  
Pair

## Space Patrol for Outdoor Adventure

- Flexible Antenna for Rugged Use Without Breaking
- Great for Hiking, Camping, Fishing or on Trips

**A** Buy a pair for outdoor fun and safety—talk, or send messages in code. Features built-in Morse Code key with code alphabet on front panel. Just two simple controls: On-off switch and lock-on talk button. Operates on 49.8 MHz. Not CB—no license required! Requires 9V battery. 60-4005 ..... Each 9.95

## Space Patrol With Built-In AM Radio

Keep in Touch for Outdoor Fun, or Just Use it to Listen to Your Favorite AM Radio Station

**B** Two radios in one for double fun! Features on-off/volume control, AM tuning, plus locking talk button, Morse Code key, code alphabet on front panel, telescoping antenna, carry strap. Operates on 49.8 MHz. Not CB—no license required! Requires 9V battery. 60-4003 ..... Each 15.95

## Fun-Filled Micro-Thin Space Patrol

- Compact Enough to Fit in a Shirt Pocket
- Handy Communications Indoors or Out

**C** Goes anywhere! Features ultra-sensitive super-regenerative receiver, 1 1/2" speaker, push-to-talk button, telescopic antenna. Operates on 49.8 MHz. Not CB—no license required! Requires two 9V batteries. 60-4004 ..... Pair 18.88

## Metal Detectors for Hours of Fun

### Low-Cost Detector—Great for Kids

**D** Easy to operate. Spots anything metallic up to six inches underground. Tuning and fine-tuning controls. Sensitive search coil changes pitch of tone from speaker when a "find" is near. Shaft extends to 27". Requires 9V battery. 60-3003 ..... 19.95

### Standard Metal Detector

**E** Discover metal under soil, wood and dry sand. Water-resistant coil has Faraday Shield to help reduce false readings. Large meter, peaking and volume controls. Lightweight design—ideal for lengthy searches. Includes earphone. Shaft extends to 24". Requires six "AA" batteries. 63-3001 ..... 39.95

### Discriminator-Type Detector

**F** Micronta® 4001. Advanced circuit helps discriminate between valuable articles and "junk" items like bottle caps and pull tabs. Built-in speaker gives audible indication, and a large meter provides visible reading. Features a convenient handle-mounted pushbutton for automatic tuning, front-panel volume and discriminator controls, battery test switch. Water-resistant, extra-sensitive 6" coil. 1/4" headphone jack. Shaft extends to 24". Requires six "AA" batteries. 63-3002 ..... 59.95

Locate  
Buried  
Valuables

**D**  
**1995**

**E**  
**3995**

**F**  
**5995**

Outdoor  
Adventure for  
The Whole Family





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1.95

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Save \$3<sup>02</sup>

Both For **10<sup>88</sup>**

Reg. Separate Items \$13.90

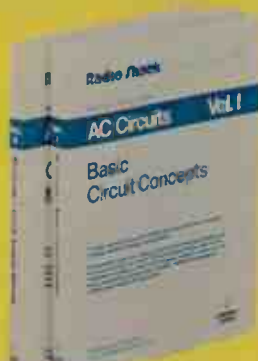
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5.95

# WAKE UP TO VALUE WITH MICRONTA® ALARM CLOCKS

## LCD "Time Projector" Alarm Clock



**NEW  
FOR '84**

**34<sup>95</sup>**



- Projects the Time Onto Your Ceiling for Night Viewing
- Quartz-Controlled Accuracy
- Includes AC Adapter for Continuous Use of Projection Lamp Feature

The ultimate in bedroom convenience! See the time without looking at the clock. Features a 24-hour alarm with snooze control—tap the snooze bar and alarm shuts off for four minutes, and lights the projection lamp and display. 0.6" LCD, hour/minute time setting, a.m./p.m. indicators. 5 1/2 x 3 1/2 x 2 1/4". U.L. listed AC adapter. Requires two "AA" batteries.

63-790 ..... 34.95

Available Sept. 30, 1983

### Deluxe LED Alarm Clock

**NEW  
FOR '84**



**19<sup>95</sup>**

Big 0.9" display is easy to read from across a room! Snooze, auto display brightness, LED p.m. indicator. 2 3/8 x 6 1/4 x 3 3/4". U.L. listed 63-828 ..... 19.95

### Battery Backup/Battery Sentinel™ Featured in All Eight AC Clocks



Even if AC power fails, you'll be on time! Battery Backup keeps clock running, without display, for up to eight hours and alarm for 10 minutes.



Front-panel red LED warns you if backup battery is weak or missing.



### Jumbo LED Alarm Clock



**350**  
NEW LOW PRICES

**24<sup>95</sup>**

Easy-to-read 1.8" display, snooze, 24-hour alarm, hi/lo brightness. 4 1/8 x 8 5/8 x 2 1/2". U.L. listed 63-825 ..... 24.95

Was \$29.95 in 1983 Catalog

### LED Dual-Alarm Clock/Calendar



**350**  
NEW LOW PRICES

**21<sup>95</sup>**

"His" and "hers" alarm settings for two wake-up times! 0.7" LED display shows month/date or time. 2 1/2 x 6 1/2 x 3 1/2". U.L. listed 63-776 ..... 21.95

Was \$24.95 in 1983 Catalog

### Fluorescent Display Alarm



**19<sup>95</sup>**

Space-saving clock has bright 0.6" display, snooze, 24-hour alarm. 2 1/8 x 5 1/2 x 3". U.L. listed 63-753 ..... 19.95

### LED Alarm With Dual Display



**34<sup>95</sup>**

Shows both the present time and the alarm time. Features snooze, 24-hour alarm. 4 1/4 x 8 3/4 x 2 1/2". U.L. listed 63-777 ..... 34.95

### Our Lowest-Priced LED Alarm

**NEW  
FOR '84**



**11<sup>95</sup>**

Great for kitchen, laundry or guest room. 0.6" display, snooze control. 5 1/16 x 2 7/8 x 1 7/8". U.L. listed 63-829 ..... 11.95

### Compact LED Alarm With Big Digits



**14<sup>95</sup>**

Features snooze control for extra winks, big 0.7" display. 24-hour alarm. 2 1/8 x 5 1/2 x 3". U.L. listed 63-826 ..... 14.95

### 12/24-Hour LED Alarm

**NEW  
FOR '84**



**14<sup>95</sup>**

Ideal for computer users, Hams, SWLs, pilots. 0.6" 12 or 24-hour display, alarm, snooze. 1 7/8 x 5 1/8 x 2 7/8". U.L. listed 63-760 ..... 14.95

# BATTERY-POWERED, ACCURATE QUARTZ CLOCKS

## Talking Alarm Clock With Countdown Timer

Our Exclusive VoxClock™

**NEW FOR 84**

- Announces Time on the Hour, Or at the Tap of a Button
- Countdown Timer Helps You Organize Your Time—Perfect for Remembering Meetings or Appointments



**39<sup>95</sup>**

Available Sept. 30, 1983

No more stopping or squinting to read a clock! 24-hour alarm announces the time five minutes before sounding, then wakes you with a melody. Set the timer—it counts down the time at 10-minute intervals down to 10 minutes, then every minute. Beautiful simulated walnut grain accents any desk. 2<sup>3</sup>/<sub>8</sub> x 2<sup>7</sup>/<sub>8</sub> x 2<sup>7</sup>/<sub>8</sub>". Requires three "AA" batteries. 63-903 . . . . . 39.95

### Square Cordless Wall Clock

**NEW FOR 84**

**19<sup>95</sup>**

No power cord to tangle! Large hands and numerals, sweep second hand. 10<sup>3</sup>/<sub>4</sub> x 10<sup>3</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>2</sub>". Requires "AA" battery. 63-803 . 19.95



### Cordless Quartz Wall Clock

**NEW FOR 84**

**14<sup>95</sup>**

Easy-to-read 7<sup>1</sup>/<sub>2</sub>" dia. face with large hands and numerals, sweep second hand. No dangling, tangling cord. Requires "AA" battery. 63-804 . . . . . 14.95



### Cordless Table Alarm Clock

**NEW FOR 84**

**14<sup>95</sup>**

Available Sept. 30, 1983

No more messing with cords—great for trips, camping. Features snooze button, sweep second hand, luminous hands and dial. 3<sup>1</sup>/<sub>4</sub> x 5<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>2</sub>". Requires "C" battery. 63-740 . . . . . 14.95



### LCD Folding Travel Alarm

**NEW FOR 84**

**19<sup>95</sup>**

Fits in pocket, purse, or briefcase. 0.6" backlit display, snooze control. Folds to 3 x 3<sup>1</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>16</sub>". With battery. 63-705 . 19.95



### Micro LCD Travel Alarm

**12<sup>95</sup>**

Goes where you go. Has snooze, backlit display, stand. 1<sup>1</sup>/<sub>2</sub> x 2<sup>1</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>2</sub>". With battery and pouch. 63-704 . 12.95



### Miniature Travel Alarm

**NEW FOR 84**

**10<sup>95</sup>**

Handy, low-cost timekeeper for trips, glovebox. Luminous hands, sweep second hand. With carry pouch. 2<sup>1</sup>/<sub>8</sub> x 2<sup>1</sup>/<sub>8</sub> x 1<sup>1</sup>/<sub>8</sub>". Requires "AA" battery. 63-716 . . . . . 10.95



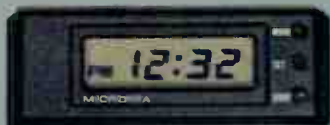
### LCD "Anywhere" Digital Clock

**350**

**12<sup>95</sup>**

Was \$15.95 in 1983 Catalog

Mounts easily on car or boat dash, refrigerator, stove, anywhere! With slide-in bracket, double-sided tape. 1<sup>1</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>16</sub> x 7<sup>1</sup>/<sub>16</sub>". With battery. 63-836 . . . . . 12.95

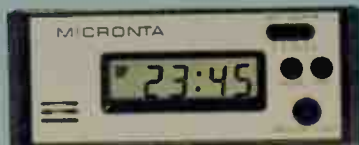


### Mount-Anywhere Alarm Clock

**NEW FOR 84**

**15<sup>95</sup>**

Switchable 12 or 24-hour backlit LCD display, snooze button. With slide-in bracket and double-sided tape. 1<sup>5</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>2</sub>". With battery. 63-838 . . . . . 15.95



### Stick-On LCD Calendar Clock

**NEW FOR 84**

**388**

Sticks almost anywhere! Shows hour and minute, or month and date. With mounting tape and battery. 1<sup>1</sup>/<sub>2</sub> dia. x 5/8". 63-839 . . . . . 3.88



# GET 24-HOUR CONTROL WITH MICRONTA™ TIMERS

## Digital 7-Day Programmable Timer for Precision and Versatility



Available Sept. 30, 1983

**NEW  
FOR '84**

**49<sup>95</sup>**

- Set Up to 12 On or Off Functions To Occur Daily, or on a Specific Day Of the Week
- Controls Two Separate Devices Simultaneously
- Battery Backup in Case of Power Failure

Now you can program appliances for any day of the week! Ideal for video or stereo taping. Built-in clock has 0.6" LED display with p.m. and day of week indicators. Battery Sentinel™ and test switch let you know if backup batteries are weak or missing. Instant on/off override switch. Rated 15 amps at 1875W. 3<sup>1</sup>/<sub>8</sub> x 6<sup>3</sup>/<sub>4</sub> x 6<sup>1</sup>/<sub>4</sub>". Requires four "AA" batteries for backup. U.L. listed. 63-887 ..... 49.95

## 24-Hour Programmable Timer



**NEW  
FOR '84**

**24<sup>95</sup>**

2-Piece Design Eliminates Tangled Power Cords

Available Sept. 30, 1983

Precise "to-the-minute" control for your TV, stereo system, coffeemaker or lamp. Control unit has 0.6" LED display and battery backup to maintain time and memory during power failures. Battery Sentinel warns of weak or missing battery. Instant on/off override switch. Rated 15A, 1875W. Control. 2 x 5<sup>3</sup>/<sub>8</sub> x 3". Requires 9V battery for backup. U.L. listed. 63-888 ..... 24.95

## Electronic Countdown Timer

**19<sup>95</sup>**

Turns TV or Appliances On or Off After Preset Interval



Turns on or off after 15/30/60/120 minutes or any combination up to three hours and 45 minutes. Instant on/off override switch. LED indicators. Six-foot connecting cord. Handles 1000 watts. Switch unit, 3 x 2<sup>1</sup>/<sub>2</sub> x 2", control unit, 1<sup>1</sup>/<sub>4</sub> x 3<sup>7</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>8</sub>". U.L. listed. 63-895 ..... 19.95

## Pocket LCD Countdown Timer

**NEW  
FOR '84**

**14<sup>95</sup>**

Keyboard Operated



Great for schools, labs, personnel testing, kitchen, hospitals—anywhere precision is important. Mounts three ways: fold-out stand, clip for clothing, magnet for metal surfaces. Maximum count: 99 minutes, 99 seconds. 2<sup>1</sup>/<sub>4</sub> x 2<sup>1</sup>/<sub>2</sub> x 7<sup>1</sup>/<sub>16</sub>". With battery. 63-880 ..... 14.95

## Programmable Light Timer With Computer Memory

**ONE OF OVER 350 NEW LOW PRICES**

**19<sup>95</sup>**

Was \$24.95 in 1983 Catalog

- Repeats Up to 48 Selections
- Easily Replaces Standard Wall Switch

Simple to use. "Rapid Program" lets you program for 24-hour period in advance. "Variable" feature automatically varies on/off times, to fool burglars. 500W, incandescent only. U.L. listed. 63-875 ..... 19.95



## Compact Plug-In Timer

**8<sup>95</sup>**

Cordless—Plugs Directly Into AC Wall Outlet



2<sup>1</sup>/<sub>2</sub> hours minimum ON time; 21<sup>1</sup>/<sub>2</sub> hours maximum ON time. Leaves one AC outlet exposed for regular use. 4<sup>3</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>4</sub> x 1<sup>1</sup>/<sub>4</sub>". Handles almost any electrical appliance rated up to 15A, 1875W. U.L. listed. 63-862 ..... 8.95

## Multiple Program Timer

**11<sup>95</sup>**

Leaves One AC Outlet Exposed For Normal Use



Plug-in type. 24 programming tabs, up to 12 on/off functions per day. Manual control or auto repeat 23 hours maximum ON time. One hour minimum ON time. 4 x 2 x 1<sup>1</sup>/<sub>4</sub>". Rated 15A, 1875W. U.L. listed. 63-864 ..... 11.95

## Multi-Program Tabletop Timer

**15<sup>95</sup>**

Up to 12 On-Off Functions Every 24 Hours



Control almost any appliance, use with lamps for an "at home" look that deters burglars. 23 Hours maximum ON time. 1 hour minimum ON time. Override switch allows you to turn on or off without changing program tabs. Rated 15A, 1875W. U.L. listed. 2<sup>3</sup>/<sub>4</sub> x 4 x 3". 63-865 ..... 15.95

# THE VERY LATEST IN PERSONAL ELECTRONICS



**A**  
**29<sup>95</sup>**

## Accurate Quartz Clocks for Vehicles

Car clocks with accurate quartz-controlled time. Displays dim for night driving and blank when ignition is off. Include mounting hardware and instructions.

**A** Fluorescent Car Clock. Built-in tachometer, headlight warning.  $1\frac{7}{8} \times 3\frac{5}{8} \times 1\frac{1}{2}$ ". 12VDC neg. gnd. only. 63-837 ..... **29.95**

**B** LED Mini Clock. Hi/Lo brightness control.  $1\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{3}{8}$ " 12VDC pos. or neg. gnd. 63-833 ..... **17.95**

**C** Fluorescent Car Clock With 24-Hour Alarm. Recessed fast/slow alarm and time-set.  $1\frac{7}{8} \times 4 \times 1\frac{5}{8}$ " 12VDC pos. or neg. gnd. 63-834 ..... **24.95**



**B**  
**17<sup>95</sup>**



**C**  
**24<sup>95</sup>**

## Reliable Micronta® Quartz LCD Watches

**350**  
**31<sup>95</sup>** **17<sup>95</sup>** **24<sup>95</sup>**

**A**



**B**



**C**



Was \$39.95  
In 1983  
Catalog

**NEW  
FOR '84**

**NEW  
FOR '84**

All Include Batteries, Backlighted Displays

**A** Calculator Alarm Watch. Eight-digit 4-function calculator, mineral lens, dual time, calendar,  $\frac{1}{100}$  second stopwatch with lap time, 24-hour alarm. 63-5054 ..... **31.95**

**B** Sport Watch With Alarm. Shows hours/minutes, or month/date, internal stopwatch with lap and total timing. 63-5055 ..... **17.95**

**C** Chronograph Alarm Watch. 24-hour alarm,  $\frac{1}{100}$  sec. stopwatch, backlighted, mineral lens. 63-5056 ..... **24.95**

## Alcohol Breath Indicator



**NEW  
FOR '84**

**34<sup>95</sup>**

This device is an indicator and not an analytic instrument.

Learn to Identify Alcohol Levels in Your Blood—a Painless Aid to Personal Health and Safety

Just blow into mouthpiece—sensor circuit electronically measures blood alcohol levels. Three LEDs—green means safe, yellow for caution, red means exceeds legal limit. Take it along to parties!  $5\frac{1}{2} \times 2 \times 1\frac{1}{4}$ ". Requires four "AAA" alkaline batteries. 63-665 ..... **34.95**

## LCD Digital Watch Pens

Was \$7.95 in  
1983 Catalog

**6<sup>95</sup>**



**A**

**8<sup>95</sup>**

The Timely Writing Tools

Was \$10.95 in 1983 Catalog

- Uses Standard "Parker-Size" Refill
- Accurate to One Minute Per Month

**A** Watch Pen. Displays hours, minutes and seconds or month and date. With batteries. 63-5075 ..... **6.95**

**B** Watch Pen With Alarm. Alarm reminds you of your appointments. Displays hours/minutes/seconds or month/date. Chimes on each hour. With batteries. 63-5076 ..... **8.95**

## LCD Quartz Stopwatches



**A**

**24<sup>95</sup>**



**B**

**29<sup>95</sup>**

**A** Audible signal indicates start/stop/lap/reset. With batteries. 63-5010 ..... **24.95**

**B** Chronograph. Lap and total time, day, date. With batteries. 63-5009 ..... **29.95**

## Microwave Leakage Detector

**14<sup>95</sup>**

Checks Microwave Oven Door Seals

Microwave frequency leakage from faulty oven door seals can cause serious and even permanent health problems. Easy to use—just move along the door seals and meter indicates the relative amount of microwave energy. Not a certification instrument.  $1\frac{1}{16} \times 1\frac{7}{8} \times 4\frac{1}{2}$ ". 22-2001 ..... **14.95**

## Light and Moisture Meter for Growing Healthier Plants

**7<sup>95</sup>**

Completely Self-Powered



Probe With 8" Coiled Cord—Easy To Use Even With Hanging Plants

Meter switches from light to moisture readings instantly. Pointed probe for easy insertion even in dry soil. 28-page manual with readings for hundreds of plants.  $6\frac{1}{2} \times 1\frac{1}{2} \times 1$ ". 63-685 ... **7.95**

## Biofeedback Monitor

**14<sup>95</sup>**

Learn to Control Stress



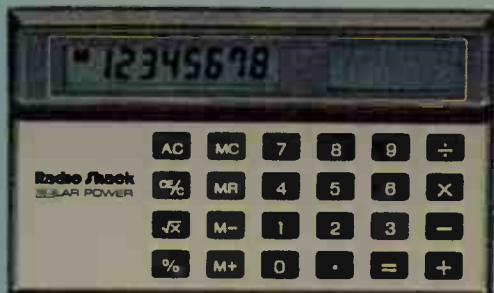
Attach sensors to fingertips, and listen. Tone rises when you're under stress, drops as you relax. Also fun for "lie detector" games. Built-in speaker, earphone jack. Requires 9V battery. 63-675 ..... **14.95**

There's a Radio Shack Near You—Wherever You Are

World Radio History

# SOLAR AND BATTERY POWERED LCD CALCULATORS

## Card-Size Solar With Memory



Card Case

NEW FOR '84

995

Auto-Constant Lets You Repeat Numbers And Operations

Radio Shack EC-406. All you need is light! Four-key memory lets you store numbers, then recall and use them again. Square root and percent keys. 8-digit display.  $2\frac{5}{16} \times 3\frac{7}{8} \times \frac{1}{4}$ " 65-904 . . . . . 9.95

## Pocket-Size Solar Card

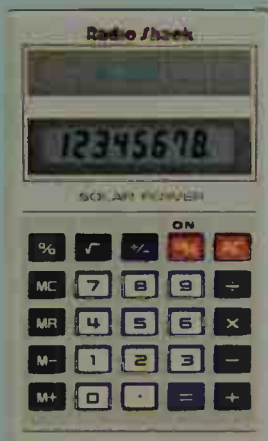


Billfold Case

NEW FOR '84

995

- 4-Key Memory
- + / - Sign Change Key



Radio Shack EC-405. High efficiency solar cells provide calculating power even in dim indoor light. Features Auto-Constant, square root and percent keys. 8-digit display.  $3\frac{1}{4} \times 2\frac{3}{8} \times \frac{5}{16}$ " 65-903 . . . . . 9.95

## Deluxe Full-Size Solar



Billfold Case

1795

- 4-Key Memory
- + / - Sign Change



Radio Shack EC-402. Never needs batteries—calculates using light indoors or out. Features Auto-Constant for repeating operations, square root and percent keys. 8-digit display.  $4\frac{7}{16} \times 2\frac{2}{16} \times \frac{1}{4}$ " 65-689 . . . . . 17.95



Billfold Case

## Musical-Entry Tone Calculator

ONE OF OVER 350 NEW LOW PRICES

1295

Was \$14.95 in 1983 Catalog  
Automatic Power-Off

Radio Shack EC-276. "Beep" verifies entry. Features 3-key memory. Auto-Constant. 8-digit display  $4 \times 2\frac{3}{8} \times \frac{3}{16}$ ". With batteries. 65-687 . . . . . 12.95

## "Statesman" Super-Thin

ONE OF OVER 350 NEW LOW PRICES

795

Was \$10.95 in 1983 Catalog  
Less Than 5mm Thin

Radio Shack EC-274. Features auto power-off, 3-key memory. Auto-Constant. 8-digit display.  $4\frac{1}{4} \times 2\frac{3}{8} \times \frac{3}{16}$ ". Comes with batteries. 65-686 . . . . . 7.95



Billfold Case

## Child's Learning Calculator Makes Math Fun

ONE OF OVER 350 NEW LOW PRICES

1095

Was \$12.95 in 1983 Catalog



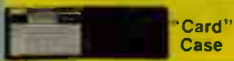
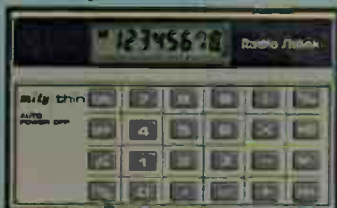
Illustrated Booklet



The Perfect Way for Kids To Learn How to Use a Calculator

Radio Shack EC-351. Give your youngster a head start with this educational calculator. The easy-to-follow booklet makes it a snap for kids who can read to learn math basics. They'll be adding, subtracting, multiplying and dividing in no time! Auto-Constant repeats operations. 8-digit easy-to-read liquid crystal display. Colorful, unique styling. A terrific learning aid!  $6\frac{1}{2} \times 3\frac{3}{4} \times \frac{3}{4}$ ". Requires two "AA" batteries. 65-825 . . . . . 10.95

## "Mity-Thin" Credit-Card Sized



"Card" Case

ONE OF OVER 350 NEW LOW PRICES

795

Was \$9.95 in 1983 Catalog

Automatic Power-Off Saves Batteries

Radio Shack EC-277. Features 3-key memory. Auto-Constant for repeating operations, square root and percent keys. 8-digit display. Super slim—measures only  $3\frac{3}{8} \times 2 \times \frac{3}{16}$ ". With batteries. 65-688 . . . . . 7.95

## Low-Cost With 4-Key Memory

NEW FOR '84

695

- Auto-Constant
- Square Root Key

Radio Shack EC-205. A great value! Features square root and percent keys. Easy-to-read 8-digit display.  $4\frac{1}{2} \times 2\frac{5}{8} \times \frac{5}{16}$ ". Requires "AA" battery. 65-501 . . . . . 6.95



Radio Shack Calculators Are Covered by Our One-Year Limited Warranty



# SPECIAL LCD CALCULATORS

Smartly Styled "His 'n Hers" Folding Solar Calculators Make Great Gifts Anytime

1995 For Him For Her 1995

NEW FOR 84

Handsome Thin Wallet Style

Sleek Ladies' Compact Style

**A** Radio Shack EC-407. Handsomely-styled calculator never needs batteries! Features 3-key memory, Auto-Constant, +/- sign change, square root and percent keys. 8-digit display.  $3\frac{1}{2}'' \times 2\frac{1}{4}'' \times \frac{1}{4}''$ . 65-905 ..... 19.95

**B** Radio Shack EC-404. Attractive calculator works wherever there's light! Features 3-key memory, Auto-Constant, +/- sign change, square root and percent keys. 8-digit display.  $2\frac{1}{2}'' \times 2\frac{1}{4}'' \times \frac{3}{16}''$ . 65-902 ..... 19.95



Fits in Coat Pocket



Fits Easily in Purse



## Handy Financial Calculator Solves Tough Problems

UP TO 350% OVER NEW LOW PRICES

2795

Was \$29.95 in 1983 Catalog

Figures Interest, Annuities, Dates



Billfold Case



Radio Shack EC-4051. Does compound interest, loan schedules, annual payments, bonus plans, annuity deferral values, date calculations, and much more. Auto power-off. Auto-Constant, +/- sign change and percent keys. 10-digit display. With detailed manual. battery.  $3\frac{1}{2}'' \times 2\frac{1}{4}'' \times \frac{1}{4}''$ . 65-995 ..... 27.95

## Feature-Packed Checkbook Calculator

1995

- Makes Checking Calculations Easy
- 3 Separate Memories For Checking and Credit Card Balances
- Checkbook-Size Carry Pouch Also Holds Checks and Pen



Radio Shack EC-306. Perfect for budget balancing—deposit, check, charge, payment and balance keys. Auto-Constant, percent key. 8-digit display.  $6\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{2}''$ . With batteries. 65-886 ..... 19.95

## Solar Powered Metric Conversion Calculator



Billfold Case

Performs 40 Metric Conversions at the Touch of a Key

Radio Shack EC-316. Quickly converts from standard to metric, or reverse. Also does math functions. Features 3-key memory, Auto-Constant, +/- sign change, square root and percent keys. 8 digits.  $4\frac{1}{2}'' \times 2\frac{1}{4}'' \times \frac{1}{4}''$ . 65-926 ..... 17.95

NEW FOR 84

1795

## Alarm Clock/Stopwatch Calculator



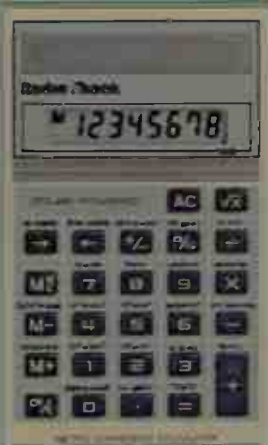
Billfold Case

- 24-Hour Alarm Sounds For 60 Seconds
- Lap and Total Time Stopwatch

Radio Shack EC-307. Clock displays hour, minutes and seconds with p.m. and alarm on indicators. Calculator features 3-key memory, Auto-Constant, percent key. 8-digit display.  $3\frac{1}{2}'' \times 2\frac{1}{4}'' \times \frac{1}{4}''$ . With batteries. 65-891 ..... 19.95

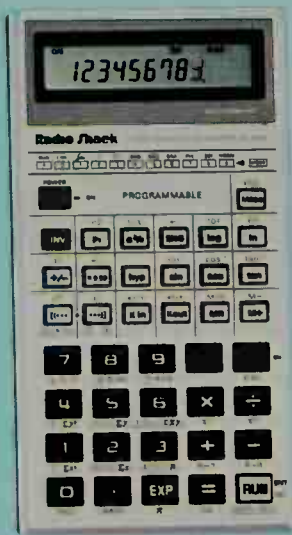
NEW FOR 84

1995



Solar Power Calculations Are Not Lost by Momentary Interruptions of Light

# LCD CALCULATORS FOR SCIENTIFIC PROBLEMS



## Powerful Programmable Scientific



ONE OF OVER 350 NEW LOW PRICES **34<sup>95</sup>**

Was \$39.95 in 1983 Catalog

- 7 Separate Memories
- 61 Different Functions
- 38-Step Programming

Radio Shack EC-4004. You get regression analysis, integrals, and the use of up to 18 nesting parenthesis at six levels. Full floating decimals. Ten-digit mantissa. 5 1/4 x 2 7/8 x 1/4". With detailed manual, battery. 65-658 . . . . . 34.95

## 50-Function Scientific

ONE OF OVER 350 NEW LOW PRICES

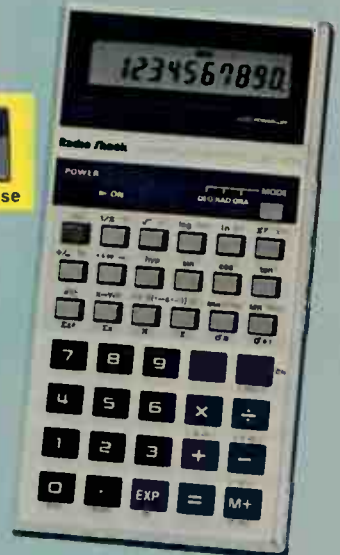
**27<sup>95</sup>**

Was \$31.95 in 1983 Catalog

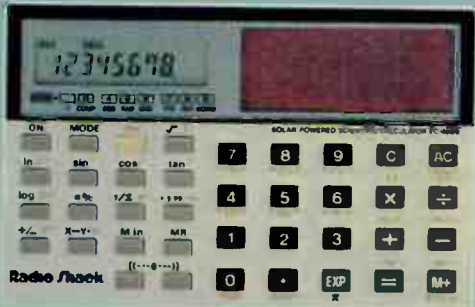


- 10 or 8-Digit Mantissa
- Exponents to 10<sup>-99</sup>
- Power-Off Memory Retention

Radio Shack EC-499. All the power you need for complex math problems. Six levels of parenthesis and independent memory. Random number generator. 5 3/16 x 2 13/16 x 3/8". With long-life battery. 65-655 . . . . . 27.95



## Card Size 42-Function Scientific



SOLAR POWER!  
**24<sup>95</sup>**



NEW FOR '84

Radio Shack EC-4009. Never needs batteries—performs complex calculations in any light. Features 10-digit mantissa, 8 with 2-digit exponents. Six levels of parenthesis, standard deviation, random number generator. 2 11/32 x 3 5/8 x 7/32". 65-927 . . . . . 24.95

## 42-Function Scientific

ONE OF OVER 350 NEW LOW PRICES

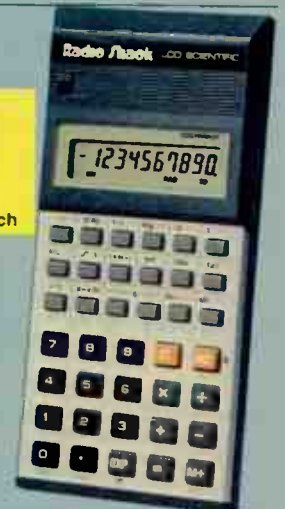
**21<sup>95</sup>**

Was \$24.95 in 1983 Catalog



- Six Levels of Parenthesis
- Random Number Generator

Radio Shack EC-4006. Budget-priced, but has the power for complex calculations. Features 10-digit mantissa, 8 with 2-digit exponents, standard deviation. Auto power-off with memory retention. 5 7/8 x 3 x 3/4". Requires two "AA" batteries. 65-975 . . . . . 21.95



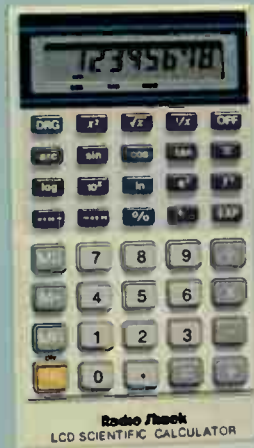
## Scientific "Slide Rule"



NEW FOR '84 **19<sup>95</sup>**

- 30 Independent Scientific Functions
- 5-Digit Mantissa

Radio Shack EC-4007. Does calculations for mean values, variances, standard deviations and more. 4 3/4 x 2 5/8 x 3/8". With batteries. 65-976 . . . . . 19.95



## Low-Priced Scientific



NEW FOR '84 **14<sup>95</sup>**

- 40 Easy-to-Use Single Function Keys
- 5-Digit Mantissa

Radio Shack EC-4008. Independent memory, automatic constant, degree/radian/grad switch. 4 3/8 x 2 1/2 x 1/4". With batteries. 65-977 . . . . . 14.95

## Calculator Desk Stand



- Adjustable Angle
  - Non-Slip Feet
- Adapts handheld calculators to desktop use. 65-705 . . . . . 1.99

# THE BEST IN DESKTOP AND PRINTING CALCULATORS

## 10-Digit Impact Printing Calculator With 4-Key Memory



ONE OF OVER 350  
NEW LOW PRICES  
**79<sup>95</sup>**

Was \$89.95  
in 1983  
Catalog

**Ink Roller Printer  
System Uses Standard Paper**

**Radio Shack EC-3007.** The convenience of an easy-to-read fluorescent display plus a permanent printed record. Decimal point placement, round-off and non-print controls. Features percent, gross profit margin and standard math keys.  $2\frac{1}{4} \times 7\frac{1}{2} \times 9\frac{1}{4}$ ". Includes sample roll of paper. U.L. listed AC operation.

65-664 ..... 79.95

## Hand-Held 10-Digit LCD Printing Calculator

NEW FOR '84

**34<sup>95</sup>**



**High-Speed Impact  
Printing on Standard Paper**

Take It Along

**Radio Shack EC-3012.** Get a printed record anywhere! Print/non-print selectable.  $7\frac{3}{4} \times 2\frac{15}{16} \times 1\frac{3}{4}$ ". Includes sample roll of paper. Requires four "AA" batteries. 65-951 ..... 34.95

AC Adapter. U.L. listed  
273-1454 ..... 5.95

## 10-Digit Impact Printing Calculator Uses Standard Paper



NEW FOR '84

**59<sup>95</sup>**

- Ink Roller System
- 4-Key Memory
- Convenient Compact Size

**Radio Shack EC-3011.** Get a permanent printed record of your calculations, or just use the easy-to-read fluorescent display. Decimal point placement, round-off and non-print controls. Features percent, gross profit margin and standard math function keys. Includes sample roll of paper.  $1\frac{3}{4} \times 6\frac{3}{4} \times 9\frac{1}{2}$ ". U.L. listed AC operation.

65-669 ..... 59.95

Available Sept. 30, 1983

## 12-Digit Desktop LCD With Dual Memories

NEW FOR '84

**39<sup>95</sup>**

**Shift Key for Easy  
Error Corrections**

**Radio Shack EC-2005.** With round-off, item count, square root, percent-of-change keys.  $2 \times 6\frac{1}{2} \times 7\frac{3}{4}$ ". Requires two "AA" batteries.

65-667 ..... 39.95

## 10-Digit Fluorescent Desktop

**29<sup>95</sup>**

Gross Profit  
Margin Key

**Radio Shack EC-2001.** Fixed or floating decimal, switchable constant, item keys. Requires two "D" batteries.  $1\frac{7}{8} \times 6 \times 6\frac{1}{2}$ ". 65-660 ..... 29.95

AC Adapter. U.L. listed  
273-1454 ..... 5.95



## Thermal Paper

For continued support of early model RS printing calculators

Type	Fits	Cat. No.	Rolls	Price
2 <sup>1</sup> / <sub>4</sub> " w/core	65-643			
	65-644			
	65-645			
	65-646	65-706	3	2.79
1 <sup>1</sup> / <sub>2</sub> " w/core	65-647			
	65-648	65-708	3	1.09
1 <sup>1</sup> / <sub>2</sub> " coreless	65-649	65-709	3	1.29
1 <sup>1</sup> / <sub>2</sub> " coreless	65-665	65-711	5	1.99

## Plain Paper

This 12 lb. low lint, register bond paper is designed to give you clear, sharp, printing. Keeps your printing mechanism clean, too. For use with Radio Shack, as well as other printing calculators.

Size	Fits	Cat. No.	Rolls	Price
2 <sup>1</sup> / <sub>4</sub> " w/core	65-664			
	65-669	65-710	3	1.99
1 <sup>1</sup> / <sub>2</sub> " w/core	65-666	65-712	3	1.19
	65-951	65-713	3	.99

## Budget-Priced Desktop With 8-Digit LCD

ONE OF OVER 350  
NEW LOW PRICES

**14<sup>95</sup>**

Was \$19.95 in 1983 Catalog

- Full Floating Decimal
- Percent, Square Root

**Radio Shack EC-2003.**  $4\frac{3}{4} \times 4\frac{3}{4} \times 1\frac{1}{2}$ ". Requires two "AA" batteries. 65-662 ..... 14.95



# NEW LOW PRICE! HARD-WORKING POCKET COMPUTER

## PC-2 Combines Portability With Low Price for the User On the Go!



ONE OF OVER 350 NEW LOW PRICES

Was \$279.95  
In 1983 Catalog

**199<sup>95</sup>**

- Measures Only 1<sup>1</sup>/<sub>16</sub> x 7<sup>1</sup>/<sub>16</sub> x 3<sup>3</sup>/<sub>8</sub>"
- Weighs Just 14 Ounces
- Programs in Easy-to-Learn Extended BASIC Language
- 7 x 156 Dot-Matrix LCD for Graphics and Alphanumerics
- 2640-Character Memory Retains Data When Power Off

TRS-80 Pocket Computer Model PC-2. A versatile, portable computer! It puts powerful features into the hands of engineers, business people, students, scientists—anyone with problems to solve on-the-go. Ready-to-run software loads from audio cassettes, or program it yourself. Our Extended Pocket BASIC language features 42 statements, with 34 built-in functions. It gives you two-dimension arrays, variable length character strings with extensive string handling, formatted printing and more. And it's upward compatible with Radio Shack's original Pocket BASIC, so many PC-1 programs can be keyed-in and run on the PC-2. The 2640-byte memory retains programs and

data even with power off. And you can expand the memory capacity with a plug-in 4K or 8K RAM Module. The 26-character Liquid Crystal Display is fully dot-programmable for graphics over its complete 7 x 156 dot matrix. The 65-key keyboard features a typewriter layout and 10-key datapad with 18 programmable key functions and 18 user-defined label keys. The built-in real-time clock is accessible from BASIC or the keyboard and provides month, day, hour, minute and second. There's even a programmable variable tone beeper. Requires four "AA" batteries.

26-3601 ..... 199.95

Take It Anywhere You Need  
On-the-Spot Data Printing

## Fit Your PC-2 With Our Superior Four-Color Printer/Plotter/Dual Cassette Interface



ONE OF OVER 350 NEW LOW PRICES

Was \$239.95  
In 1983 Catalog

**219<sup>95</sup>**

- Create Full XY-Axis Graphics With Special BASIC Statements for Drawing and Plotting
- Prints Graphics and Alphanumerics in Four Colors—Red, Blue, Green and Black
- Store and Load Programs and Data Using One or Two Cassette Recorders
- Adds 25 Commands and Statements to PC-2 BASIC

PC-2 Printer/Plotter/Dual Cassette Interface. This superior accessory turns your PC-2 into a powerful, completely portable computer system. You can take it with you wherever you go—on business trips, to meetings, out in the field—anywhere! You can plot superbly detailed 256 x 4096 XY four-color graphics, and print upper and lower case characters in nine different sizes using easily replaceable ballpoint mini-pens. The printer adds 25 commands

and statements to Extended Pocket BASIC to make plotting quick and easy. Dual cassette operation allows data to be read in from one cassette, updated and stored on a second cassette automatically. Features built-in self-test and rechargeable batteries that also power the PC-2. Includes U.L. listed AC adapter/charger, paper, pens, cassette cables and manual.

26-3605 ..... 219.95

### RS-232C Interface for the PC-2



NEW FOR '84

**199<sup>95</sup>**

Plugs Into  
PC-2 or Printer

Allows the PC-2 to use most RS-232 devices. Built-in communications program lets you access information networks. Includes built-in rechargeable batteries and U.L. listed adapter/charger. 26-3612 ..... 199.95

### Ready-to-Run PC-2 Software

Personal Finance. 26-3700	19.95
Business Finance. 26-3703	19.95
NEW! Investment Analysis. 26-3712	49.95
Math Pak I. 26-3709	14.95
Math Pak II. 26-3710	14.95
Math Plotter. 26-3711	10.95
NEW! Statistics. 26-3704	29.95
NEW! Chemistry Math. 26-3708	14.95
NEW! Pocket Organizer. 26-3706	19.95
NEW! Flight Planner. 26-3707	24.95
Games Pak. 26-3702	14.95
Invasion Force. 26-3705	9.95

### Accessories for Your PC-2

NEW! Getting Started on the PC-2. Easy-to-read tutorial manual covers commands and programming tips. 26-3620	12.95
Carry Case. Holds printer (with PC-2 installed) and AC adapter/charger. Padded vinyl. 26-3608	29.95
Replacement Pens. 3 black. 26-1480	2.95
Replacement Pens. 1 each: red, green, blue. 26-1481	2.95
Printer Paper. Cash register-type 2 <sup>1</sup> / <sub>4</sub> " wide. 26-3606	6 Rolls/2.49
4K RAM Module. 26-3615	69.95
8K RAM Module. 26-3616	139.95

# TWO NEW POCKET COMPUTERS FROM RADIO SHACK

Small Enough to Fit Pocket or Purse, Big Enough to Solve Tough Problems

**NEW  
FOR '84**

PC-3 Pocket Computer

**99<sup>95</sup>**

PC-3 Printer/  
Cassette Interface

**119<sup>95</sup>**



- Programmable in BASIC or Use Ready-to-Run Software
- 16 Built-In Arithmetic and 8 String Functions

**TRS-80 Pocket Computer Model PC-3.** The PC-3 is small enough to go anywhere, yet it gives you real computer power—well beyond that of most programmable calculators! Features 24-character LCD, 1438-character memory, 10-digit accuracy, 2-digit exponents, multiple statements, arrays, edit and trace modes.  $\frac{3}{8} \times 5\frac{5}{16} \times 2\frac{3}{4}$ ". Weighs 4 oz. With batteries and manual. 26-3590 ..... 99.95

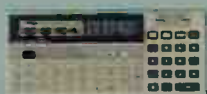
**Printer/Cassette Interface.** Thermal dot printer prints 24 characters per line at one line per second, with "wrap-around". Add a recorder to store and load programs on cassette tape. Includes rechargeable batteries, U.L. listed AC adapter/charger, paper cassette cable, manual. 26-3591 ..... 119.95

Printer Paper, 2 $\frac{1}{4}$ " wide. 26-3592 ..... Pkg. of 5/2.49

## Ready-to-Run Software for Your PC-3

Personal Finance. 26-3518	19.95	Engineering Math II. 26-3526	14.95
Business Finance. 26-3517	19.95	Engineering Math III. 26-3527	10.95
Business Statistics. 26-3516	19.95	Engineering Math IV. 26-3528	7.95
Statistical Analysis. 26-3522	24.95	Math Drill. 26-3514	14.95
Real Estate. 26-3510	24.95	Games I. 26-3515	14.95
Surveying. 26-3512	29.95	Games II. 26-3523	14.95
Electrical Engineering I. 26-3520	24.95	Calendars. 26-3529	19.95
Engineering Math I. 26-3525	14.95	Golf Scoring. 26-3532	14.95

## Introducing the Lowest Priced TRS-80 Ever For Affordable On-the-Go Computing Power!



PC-4 Pocket Computer

**69<sup>95</sup>**



Cassette Interface

**39<sup>95</sup>**



PC-4 Printer

**79<sup>95</sup>**

**TRS-80 Pocket Computer Model PC-4.** The PC-4 lets you keep up to ten short programs in its 544-character memory or combine the programming area to allow longer programs. BASIC language includes 23 commands, 15 functions and 10-digit numeric accuracy. Up to 16 commonly-used commands like GOSUB, LIST and STEP can be entered by pressing two keys! Programs can accept words and names as data (strings up to 30 characters). Big 12-character LCD scrolls to 62 characters. Edit and debug modes.  $\frac{3}{8} \times 6\frac{1}{2} \times 2\frac{3}{4}$ ". Includes batteries and manual. 26-3650 ..... 69.95

**PC-4 Cassette Interface.** Allows you to store and load programs and data at 300 baud using an optional cassette recorder. Requires two "AA" alkaline batteries. 26-3651 ..... 39.95

**PC-4 Printer.** Prints 20 characters per line (60 lpm) in an electro-thermal 5 x 7 dot matrix. Includes rechargeable batteries and U.L. listed adapter/charger. 26-3652 ..... 79.95

**NEW  
FOR '84**



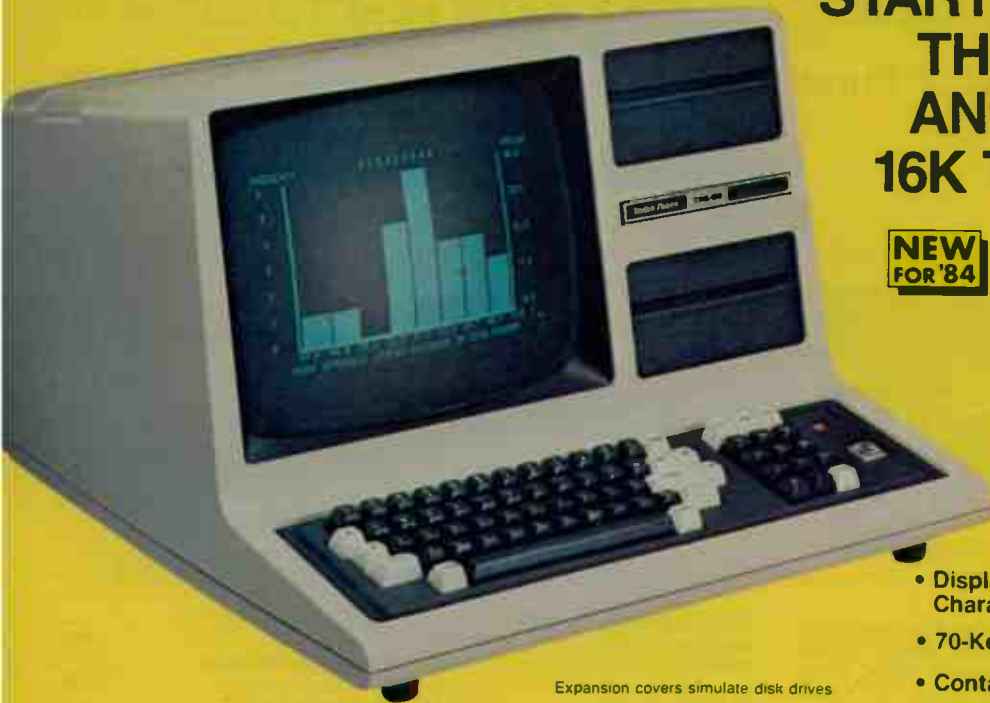
## Add These Handy Accessories to Your PC-4

**1K RAM Module.** Triples memory! Inserts inside PC-4. Only one module may be used 26-3653 ..... 19.95

**System Carrying Case.** Custom padded vinyl case protects PC-4, printer and cassette interface. 26-3654 ..... 7.95

Printer Paper. 65-711 ..... Pkg. of 5/2.49

# START COMPUTING WITH THE EXPANDABLE AND AFFORDABLE 16K TRS-80® MODEL 4



Expansion covers simulate disk drives

**NEW  
FOR '84**

Cassette-Based  
Model 4

**999<sup>00</sup>**

Only \$56 Per Month On CitiLine Credit

- Self-Contained Desktop Unit In a New White Cabinet
- Huge Library of Ready-to-Run Software Available
- High-Resolution 12" Monitor
- Displays 16 Lines of 64 Upper and Lower Case Characters
- 70-Key Keyboard with Numeric Keypad
- Contains Powerful Model III BASIC Language
- Printer Interface • Expands Easily as Needs Grow

**16K TRS-80 Model 4.** The affordable personal computer that's ideal for beginners—it's easy to use and hard to outgrow! This new TRS-80 features 16,000 characters of internal memory, a typewriter-style keyboard, and a 12-key datapad for fast numerical entry. Displays 32 or 64 upper and lower case characters per line, and includes automatic scrolling, a screen print command, repeating keys, a real time clock, and printer interface. Model III BASIC, contained in ROM, gives you superior programming features. There's 16-digit accuracy, multi-dimension arrays, a program line editor, definable cursor, comprehensive string handling, 255-character program lines and string variables, automatic line numbering, machine language user calls, scroll protect, 23 specific error codes and even a special graphics character set. Save your own programs and data on cassettes with an optional recorder (below). Use our ready-to-run software to set up a household

budget, computerize your club's mailing list, teach your kids, play exciting computer games, and much more! Model 4 can analyze statistics and even become an incredibly low-cost word processor. There are also languages and utility programs for both the beginning and advanced programmer. The possibilities are almost limitless! And as your computing needs grow, Model 4 can keep pace. This cassette-based system expands easily to 48K or even into a full-powered 64K disk-based system to take advantage of all the new Model 4 disk features described on page 172. Just add internally a 64K RAM kit and Model 4 Disk Drive 0 (below). You can also add accessories like a printer, plotter, digitizer, telephone interface and external floppy disk or hard disk drives. Includes easy-to-use 340-page beginner's manual to get you started in programming. U.L. listed.

26-1067 ..... 999.00

## TRS-80 Model 4 Expands to Meet Your Growing Computing Needs

### Computer Recorder



**59<sup>95</sup>**

Designed for  
The TRS-80

Ideal for loading and recording programs and data on cassettes. Includes cable. U.L. listed AC operation or 4 "C" batteries (not incl.).

26-1208 ..... 59.95

### Expansion Options

**64K RAM Kit.** Expands internal memory from 16K to 64K. Also upgrades 64K to 128K.  
26-1122 ..... 149.00

**Model 4 Upgrade Kit.** Converts Model III disk system to Model 4. 26-1123 ..... 799.00

**Model 4 Disk Drive 0.** Converts Model 4 cassette to Model 4 disk system. 26-1127 ..... 649.00

**16K RAM Kit.** Model III only. 26-1102 ..... 49.00

**Model 4 Disk Drive 1.** Adds another 184K of internal disk storage. 26-1163 ..... 239.95

**RS-232C Serial Interface Kit.** Lets you use serial devices such as a modem to communicate with other computers over the phone. Includes cable. 26-1148 ..... 99.00

Computer upgrade kit prices do not include required installation charges.



### External Disk Drives

Were \$449.00 each in 1983 catalog. Each stores 184K of data. Internal Drive #0 required.

**Disk Drive Kit 3.** 26-1164 ..... 359.00

**Disk Drive Kit 4.** 26-1161 ..... 319.00

# QUALITY CASSETTE SOFTWARE FOR MODEL 4/III/I

## Business

**SCRIPSIT® Word Processing.** Cassette version of our popular word processing program! Compose and edit text on the video display, then print correction-free documents with optional printer. Save text on cassette for later use. Features include centering, headers, footers and more! Lets you find or replace specified words, too. **26-1505 . . . . . 39.95**

**Cassette Mailing List.** No more searching through address books! Now you can keep an updatable file of

names and print labels (with optional printer). Print entire list, or selectively by Zip Code, company name or other criteria. 80 names per data file with 16K. 250 names with 32K. **26-1503 . . . . . 19.95**

**Budget Management.** A terrific, low-cost way to keep up with and control your home budget. It's versatile and easy to use. Records up to 60 budgeted accounts with 25 cash expenses, plus 20 savings transactions and 50 checks per month. Prints various reports using an optional printer. Cassette and Disk. **26-1603 . . . . . 19.95**

**Advanced Statistical Analysis.** Ideal for business, education, administration. Programs include random sample, descriptive statistics, histogram, frequency distribution, analysis of variance, and much more. Cassette and Disk. **26-1705 . . . . . 39.95**

**NEW! DOTPLOT-80.** A software package to create beautiful graphics with easy-to-use BASIC commands! Requires graphics-mode printer. **26-2023 . . . . . 19.95**

**PROGRAM REQUIREMENTS:** All programs will run on Model I, III or 4 unless otherwise noted. Disk = 32K 2-Disk.

## Entertainment

**Microchess.** It's you vs. the computer in the classic game of strategy. **26-1901 . . . . . 19.95**

**Flying Saucers.** It's 1999 and the sky is darkened with spy saucers. Be a hero and shoot them down with your laser cannon! **26-1905 . . . . . 9.95**

**Pyramid.** Explore the unknown passages of a forgotten Egyptian tomb in search of hidden treasure! **26-1909 . . . . . 14.95**

**Haunted House.** **26-1910 . . . . . 9.95**

**Space Warp.** **26-1912 . . . . . 14.95**

**Paddle Pinball.** Audio amplifier optional. **26-1914 . . . . . 9.95**

**Raaka-Tu™.** **26-1915 . . . . . 14.95**

**Gammon Gambler™.** **26-1916 . . . . . 19.95**

**Bedlam.** **26-1917 . . . . . 14.95**



## Programming

**DEBUG.** For entering, testing and debugging machine language programs. **26-2000 . . . . . 19.95**

**Series I Editor/Assembler.** For assembly language programming. **26-2011 . . . . . 29.95**

**Model III BASIC Tape Instruction Course.** Introduction to BASIC programming. Eight lessons. Model III/4 only. **26-2015 . . . . . 24.95**

**Tiny Pascal.** Introduction to this structured programming language. Model III/4 only. **26-2020 . . . . . 19.95**

**Cross Reference Utility.** For building a cross reference table for any BASIC program. **26-2008 . . . . . 14.95**

## Use Only Genuine TRS-80 Computer Accessories and Furniture

### Auto Control Power Strip



**SW-301.** Activates up to five peripherals when you turn on your Model II, III, 4, 12 or 16. U.L. listed. **26-1429 . . . . . 69.95**



### Dust Covers

Computers	Cat. No.	Price
Model 12/16	26-526	9.95
Model III/4	26-506	7.95
Color Computer	26-3006	4.95
MC-10 Pouch	26-529	4.95
Color Computer 2	26-532	4.95

Peripherals	Cat. No.	Price
CCR-81 Recorder	26-517	4.95
Color Computer Multi-Pak Interface	26-528	5.95
External Disk Drives	26-502	2/5.95

Printers	Cat. No.	Price
DMP-100/LP VII	26-512	4.95
LP VIII	26-514	4.95
DMP-120/200	26-522	5.95
DMP-400/LP VI	26-507	5.95
DMP-500/LP III/LP V	26-505	5.95
DMP-2100	26-525	5.95
Daisy Wheel II	26-508	5.95
Daisy Wheel II and Tractor	26-516	7.95
DWP-410	26-520	5.95
DWP-210	26-527	5.95
FP-215 Plotter	26-523	5.95
CGP-115	26-518	4.95
CGP-220	26-533	4.95
TP-10	26-531	4.95

### Power Line Filter



- Cuts Problem-Causing Interference
- Eight AC Outlets

**49.95**

Limits AC power line interference to Model I and Color Computer. Single switch controls eight outlets. Effective dual-section design. U.L. listed. **26-1451 . . . . . 49.95**

### Model 4/III System Desk and Printer Stand



**179.00**

Provides Sturdy Support for System



**99.00**

**Model 4/III System Desk.** Spacious and attractive—perfect for office use. Easy assembly. 27 x 48 x 27". **26-1305 . . . . . 179.00**

**Printer Stand.** Matches system desk. Slotted top for bottom-feed printers. Easy assembly. 27 x 23 1/2 x 19". **26-1308 . . . . . 99.00**

### Space-Saving Computer Table

A perfect "beginner's" desk for anyone just getting started. Lots of versatility at a low price! Small enough to let you set up your system nearly anywhere, but large enough for the TRS-80 Color Computer or even the Model 4. Easy to assemble. 27 x 48 x 24". **26-1324 . . . . . 69.95**



**69.95**

Ideal for Home Or School Use

**Important Notice:** All Radio Shack computer programs are licensed on an "as is" basis, without warranty. Radio Shack shall have no liability for any loss or damage caused by computer equipment or programs sold by Radio Shack, including but not limited to any interruption of service, loss of business or consequential damages resulting from such computers or programs.



**NEW  
FOR '84**

Look at These Model 4 Disk Features:

- **New Styling**—White Cabinet, New Keyboard With CONTROL, CAPS, and 3 Function Keys
- **Full 80-Column by 24-Line Display** for Word Processing and Large Spreadsheets
- **64,000-Character Memory** is Expandable to 128,000 Characters and Can Be Used As a Super Fast RAM-Based "Disk Drive"
- **New High-Speed (4 MHz)** Gives Maximum Efficiency in a Personal Desktop Computer
- **Runs Thousands of Model III TRSDOS<sup>®</sup>, LDOS<sup>™</sup> and CP/M Plus<sup>™</sup> Programs**
- **Features All New Microsoft<sup>®</sup> BASIC and TRSDOS 6.0**
- **Job Control Language With Sound Alerts**
- **Built-In Print Spooler and Parallel Printer Port**
- **One or Two Double-Density Drives—184K Each**

## DISK-BASED MODEL 4 AT A PRICE YOU'D NEVER EXPECT

64K 2-Disk  
With  
RS-232C

**1999<sup>00</sup>**  
Only \$112 Per Month  
On CitiLine Credit

64K 1-Disk  
Without  
RS-232C

**1699<sup>00</sup>**  
Only \$97 Per Month  
On CitiLine Credit

**TRS-80 Model 4 Disk System.** Compare the price and the standard features of this all new Model 4 to any other computer in its class. You'll find that for power, versatility and convenience, it is a true breakthrough!

**Amazing Versatility.** The Model 4 can run all Radio Shack Model III TRSDOS<sup>®</sup> programs (in Model III mode) without change, as well as LDOS<sup>™</sup> and CP/M Plus<sup>®</sup> programs. This means that Model III owners can upgrade to a Model 4 without making their present software obsolete, and have at their disposal thousands of different applications. Because of its 64K memory and 80 × 24 display, you'll find Model 4 perfect for business applications—like forecasting and analysis, word processing and more (see below).

**Advanced Features.** There's "MemDisk", which lets you use extra memory as a super-fast disk drive. The result? Keystroke-quick responses instead of time-consuming disk access. A software print spooler lets you print out a job at the same time you're using Model 4 for other tasks. The Job Control Language allows you to set up a whole series of operations for your Model 4 to perform without supervision. There's even an advanced host/terminal program. The 2-disk version includes a built-in RS-232C Serial Interface that allows communication with other computers or access to national information networks by phone (requires modem and cable).

**Easy Expansion.** Internal memory is expandable to 128K. For large applications, add up to four drives or choose our 5Mb Hard Disk System (at right). Comes with Microsoft<sup>®</sup> Disk BASIC and TRSDOS 6.0 operating system, owner's manual, reference card, comprehensive programming manual, and an introduction to your computer that gets you started immediately. 12<sup>1</sup>/<sub>2</sub> × 18<sup>7</sup>/<sub>8</sub> × 21<sup>1</sup>/<sub>2</sub>". U.L. listed.

**64K 2-Disk. 26-1069** ..... 1999.00

**64K 1-Disk. As above, but without RS-232C. 26-1068** .. 1699.00

VisiCalc/Registered TM VisiCorp Microsoft/Registered TM Microsoft Corp  
LDOS/TM Logical Systems, Inc CP/M Plus/TM Digital Research, Inc

## Disk Software for Model 4—Especially for Busy Managers

### Word Processing Programs

**SuperSCRIPSIT<sup>®</sup>. I/III C** This powerful word processing program lets you prepare memos, letters and reports, then print as many correction-free originals as you need with an optional printer. Depending upon your choice of printer, SuperSCRIPSIT supports proportional-spaced printing, multiple line spacing (including half-space), underline, double underline, boldface, super and subscript and multiple columns. It also includes a "help" facility. Ten user-defined keys—each storing up to 127 pre-defined keystrokes—can be used to recall frequently used words, phrases or commands. Includes training manual and audio cassette course with reference manual and card. 26-1590 ..... 199.00

**SuperSCRIPSIT<sup>®</sup>. 4 E** Uses full 80 × 24 screen display and reverse video. 26-1595. Available 10/30/83 ..... 199.00

**SCRIPSIT<sup>®</sup>. I/III A** Without advanced printing features. 26-1563 ..... 99.95

### Data Base Management

**Profile<sup>®</sup> III Plus. III D** Our most versatile electronic filing program allows you to create your own personalized data base to store and retrieve virtually any type of information. Stores up to 700 records of 255 characters in length on a 2-disk database, 2100 with 4 disks. Create 99 fields per record. High speed access using up to 36 fields as search criteria. A math package performs arithmetic operations and updates other fields. Tailor five data entry screens to match your needs. Prints custom reports and mailing labels. Merges with VisiCalc<sup>®</sup> (26-1569) and SuperSCRIPSIT. Operates only in Model III mode. 26-1592 .... 199.00

**NEW! Hard Disk Version. III C**  
26-1593 ..... 299.00

### Forecasting and Analysis

**NEW! Model 4 Enhanced VisiCalc. 4 E** This versatile management and engineering planning tool can now display more of your worksheet on Model 4's 80 × 24 screen. A Model 4 can handle even larger worksheets, too, using its full 128K memory. You define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and VisiCalc instantly updates every related number! You can view countless "what if..." situations in seconds. Entry editor modifies formulas and labels without re-entering them. Logical and comparison operators perform testing and branching. Optional printer allows printing of any portion of your worksheet. 26-1520 .. 249.95

**Enhanced VisiCalc. III C**  
26-1569 ..... 199.00



# MORE EXCITING OPTIONS FOR MODEL 4/III/I

## New Low Price! 5-Megabyte Hard Disk



Primary Drive

**1999<sup>00</sup>**

Was \$2995 In '83 Cat.

Secondary Drive

**1799<sup>00</sup>**

Was \$2495 In '83 Cat.

High-speed access to 5 million characters (20 megabytes with three additional units). Compatible with Model 4/III/I software.

Primary Drive. I/III/4 A Includes Hard Disk Operating System with BASIC and manual. 26-1130 . . . . . 1999.00

Secondary Drive. I/III/4 A 26-1131 . . . . . 1799.00

Model I Adapter Kit. Requires Expansion Interface, 32K memory, Disk BASIC. May require installation (not incl.). 26-1132 . . . 39.95



## Add Superb High-Resolution Graphics

Low As **249<sup>95</sup>\***

- For Business, Engineering And Entertainment
- Simple Graphics BASIC
- Draw Lines • Fill Spaces

**NEW! Model 4 High-Resolution Graphics. 4 E** Turns your display into a "sketch pad" to create sophisticated business tables, charts, maps, graphs, illustrations, geometric patterns and animation! The 153,600-pixel display allows amazingly fine detail, and the Graphics BASIC command structure is a snap for anyone. Includes manual and diskette with subroutine library.

26-1126. Available 10/15/83 . . . . . 249.95\*

**High-Resolution Graphics. III C** 26-1125 . . . . . 369.95\*

\* Requires installation, not included

## A Variety of Quality Programs Available To Meet Your Software Needs

### Business, Accounting and Inventory

**NEW! General Ledger. III D** Handles up to 100 accounts and 1150 transactions a month. Provides easy-to-read financial reports and computes up to five levels of totals. Compare current year figures with previous year's on the same balance sheet or income statement. Interfaces with other new accounting software (below).

26-1540 . . . . . 199.95

**NEW! Accounts Receivable. III D**

26-1541. Available 9/15/83 . . . . . 199.95

**NEW! Accounts Payable. III D**

26-1542. Available 10/15/83 . . . . . 199.95

**NEW! Payroll. III D** 26-1543. Available 9/15/83 . . . 99.95

**Business Checkwriter. III D** 26-1585 . . . . . 149.95

**Inventory Control I. I/III B** 26-1553 . . . . . 99.95

**Manufacturing Inventory Control. I/III B**

26-1559 . . . . . 199.95

**Business Mailing List. I/III B** 26-1558 . . . . . 99.95

**NEW! Real Estate Finance. III D** 26-1579 . . . . . 99.95

### More Software to Streamline Your Work

**Business Graphics Analysis Pak. III D** Create pie, bar, line or scatter charts. 26-1597 . . . . . 174.95

**NEW! PFS:FILE. III D** Powerful, yet easy to use personal filing system. It lets you organize your information on "forms" that you can easily design yourself.

26-1515 . . . . . 124.95

**NEW! PFS:REPORT. III D** 26-1516 . . . . . 99.95

**Time Manager. III D** 26-1582 . . . . . 99.95

**Project Manager. III D** 26-1580 . . . . . 99.95

**Personnel Manager. III D** 26-1581 . . . . . 99.95

**VisiCalc Business Forecasting Model. III C**

26-1521 . . . . . 99.95

### Programs for Personal Finance and Communications

**NEW! MICRO/Courier. III D** Send and receive electronic mail or data. Automatically dials after hours to reduce rates and sends mail to multiple locations. Terminal mode included. Requires Modem II and RS-232C interface. 26-1589 . . . . . 149.95

**NEW! Disk Trendex. I/III A** Provides stock trend indications. Not for counsel to buy or sell securities. 26-1510 . . . . . 59.95

**Standard & Poor's STOCKPAK System. III B** 26-1507 . . . . . 49.95

### Operating Systems and Programming Languages

**NEW! CP/M Plus. 4 E** CP/M 2.2 compatible. 26-2216 . . . . . 149.00

**NEW! CBASIC. 4 E** 26-2217 . . . . . 99.00

**NEW! PASCAL. I D III C** 26-2211 . . . . . 249.95

**COBOL. I/III D** 26-2203 . . . . . 199.00

**FORTRAN. III D** 26-2200 . . . . . 99.95

**NEW! BASIC Faster and Better. I/III D** 26-2021 . . . . . 19.95

**NEW! BASCOM. III D** Compiles Model III BASIC programs. 26-2210 . . . . . 195.00

**Editor/Assembler. I/III A** 26-2013 . . . . . 34.95

**NEW! LDOS. III** An advanced operating system. 26-2214 . . . . . 129.00

**Model III TRSDOS 1.3 Replacement Diskette. Includes BASIC.** 26-312 . . . . . 14.95

**NEW! TRSDOS 6.0 Replacement Diskette. For Model 4. Includes Microsoft BASIC.** 26-313 . . . . . 14.95

### Fascinating and Challenging Disk Games



**ZORK. III A** Find treasures in this mind-boggling adventure game. 26-1951 . . . . . 39.95

**Xenos. I/III A** Seek and destroy whatever has wreaked havoc on the town! 26-1955 . . . . . 24.95

**Monty Plays Monopoly. III A** Requires boardgame. 26-1952 . . . . . 34.95

**Monty Plays Scrabble. III A** Requires boardgame. 26-1954 . . . . . 34.95

### Minimum Hardware Requirements for Disk Programs

III = Model III	A	32K 1-Disk	C	48K 1-Disk
I/III = Model I or III	B	32K 2-Disk	D	48K 2-Disk
I/III/4 = Model I, III or 4	E	64K 1-Disk		
4 = Model 4 only				

# COMPLETE YOUR TRS-80 SYSTEM WITH A PRINTER

## Fully-Addressable Dot-Matrix Printer

## New Low Price! Color Graphics Printer



### 399<sup>00</sup>

Only \$28 Per Month  
On CitiLine Credit

**Bit-Image Mode  
Allows Printing  
of High-Density  
Graphics**

### 199<sup>95</sup>

Was \$249.95  
in 1983 Catalog

- Ultra-Compact
- Uses Easily Replaceable Ink Cartridges



**DMP-100.** This low-cost printer gives you black and white graphics printouts of Color Computer screen displays. Prints 7 x 5 dot-matrix upper and lower case characters on an 8" line, with underline capability. Print 50 characters per second at 10 characters per inch (80 columns at 27 lines per minute), or select expanded at 5 cpi (40 columns). Adjustable tractor, 4 1/2" to 9 1/2". Uses up to 9 1/2" fanfold paper. With 480-byte full-line dot buffer. Selectable parallel and Color Computer-compatible serial interfaces (600/1200 baud). Includes ribbon cartridge. U.L. listed 26-1253 399.00

**CGP-115.** Create beautiful graphics in red, green, blue and black, plus print alphanumerics. Built-in commands make it easy. Text mode prints 40 or 80 characters per line at 12 characters/sec. 2 1/8" x 8 1/4" x 8 1/2" U.L. listed 26-1192 199.95

**Black Pens.** 26-1480 Set of 3/2.95  
**Colored Pens.** One red, green and blue 26-1481 Set of 3/2.95  
**Roll Paper.** 4 1/2" wide 26-1428 Pkg. of 3/4.95

## Versatile 9 1/2" Dot-Matrix Printers

A DMP-120

B DMP-200

NEW  
FOR 84



### 699<sup>00</sup>

ONE  
OF  
OVER 350  
NEW LOW PRICES

Was \$799  
in '83 Cat.

### 499<sup>95</sup>

Only \$30 Per Month  
On CitiLine Credit

Only \$41 Per Month  
On CitiLine Credit

**A DMP-120.** High-speed data processing and graphics modes! Prints 10 and 16.7 cpi, or elongated 5 and 8.3 cpi, 120 cps at 10 cpi. Uses fanfold, single sheet or roll paper. Parallel and Color Computer-compatible serial interfaces. U.L. listed 26-1255 499.95

**B DMP-200.** Word processing, bit-image graphics and data processing modes! Bi-directional, logic-seeking head prints 10, 12 or 16.7 cpi, 120 cps at 10 cpi. Adjustable tractor. Parallel and Color Computer-compatible serial interfaces. U.L. listed 26-1254 699.00

## Affordable Flatbed Color Plotter

### 995<sup>00</sup>

**Get High-Speed  
Plotting and  
High-Quality  
Four-Color Graphics**



**FP-215.** Draws using BASIC ASCII command codes and parameters. Prints text horizontally or vertically using BASIC LPRINT command. Single pen plotting—pens can be easily changed to make multi-color plots. Red, blue, green and black pens included. Uses 10 1/8" x 14 1/16" or 8 x 11 1/2" paper. Plot size: 7 5/16" x 10 5/8" or 8 1/2" x 11 3/4". Plot Speed 100mm per second (3 3/16 ips). Step size: 1 mm. Includes parallel and Color Computer serial interfaces. U.L. listed 26-1193 995.00

## Low-Cost "Letter-Quality" Printer

NEW  
FOR 84



### 799<sup>00</sup>

Only \$45 Per Month  
On CitiLine Credit

**Interchangeable  
100-Character  
Print Wheels**

**DWP-210.** For that "professional look"! Select 10 or 12 characters per inch, or proportional pitch. Prints over 200 words per minute (18 cps) at 10 cpi. Prints original plus two copies. With 1/4" space and 1/4" line feed. Ribbon End, Cover Open and Paper Empty sensing. Includes carbon ribbon and Courier 10 print wheel. U.L. listed 26-1257 799.00

**DWP-210 Courier Print Wheel.** 10 pitch 26-1467 9.95

**DWP-210 Elite Print Wheel.** 12 pitch 26-1468 9.95

**DWP-210 Venezia PS Print Wheel.** 26-1469 9.95

**DWP-210 Bi-Directional Tractor Feed.** 26-1443 149.95

## TRS-80 Color Computer Graphics Tablet

### 349<sup>95</sup>

Only \$28 Per Month  
On CitiLine Credit

**Plugs Into  
Program Pak™  
Slot**

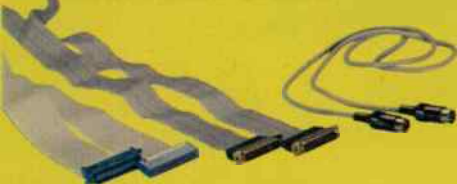
**GT-116 "X-PAD":** Instant graphics at the touch of a pen! Use pen for drawing or stylus for tracing—X-PAD reads the design into your Color Computer. Directly compatible with computer graphics capability. Accesses Extended BASIC graphics commands. Writing area: 7 x 9". Menu area: 8 x 10". Form size: 8 1/2 x 11". Pad size: 11 x 13". Software included provides interactive menu for all drawing routines, plus user-defined menu functions. 26-1196 349.95



Color Computer 2  
requires Multi-Pak Interface

# INSIST ON TRS-80 ACCESSORIES AND SUPPLIES

## Make the Right Connection With Radio Shack Cables



### Standard Parallel Printer Cables

For Model I/III/4. 6 ft. 26-1401 ..... 39.00  
 For Model II/12/16/16B. 6 ft. 26-4401 ..... 39.00  
 For Model II/12/16/16B. 12 ft. 26-1323 ..... 44.95

### Cassette Recorder Cable

Model I/III/4/Color Computer. 26-1207 ..... 5.95

### Color Computer Serial Interface Cables

To Printers and Modems. 26-3020 ..... 4.95  
 To Quick Printer II. Also for Model I special serial interface. 26-3009 ..... 4.95  
 To RS-232C Ports. 26-3014 ..... 19.95

### New! Model 100 Cables

To Parallel Printers. 26-1409 ..... 14.95  
 Built-in Modem to Phone Jack. 26-1410 ..... 19.95

### RS-232C Serial Interface Cables

For Model III/4/12/16B. 5 ft. ribbon. 26-1408 ..... 19.95  
 For Model II/16. 5 ft. round cable with terminator. 26-4403 ..... 39.95  
 For Model III/4. 8" extender. Allows use of round RS-232C cables. 26-1497 ..... 17.95  
 RS-232C Cable Connector. 26-1495 ..... 29.95  
 Null Modem Adapter. 26-1496 ..... 29.95

### Extended Lengths With DB25 Connectors

10 ft. 26-1490 ..... 29.95  
 25 ft. 26-1491 ..... 39.95  
 50 ft. 26-1492 ..... 54.95  
 100 ft. 26-1493 ..... 89.95

## Diskette Head Cleaning Kits



Improves operating reliability. Two reusable cleaning disks, one bottle cleaning solution.  
 5 1/4" Drive Kit. 26-407 ..... 29.95  
 8" Drive Kit. 26-4909 ..... 29.95

## Screen Cleaner



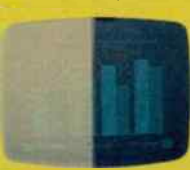
Reduce eye strain. With 50 pre-wet wipes and lint-free cloth. 26-1318, 6.95

## Anti-Static Spray

Use on carpet, etc. to eliminate destructive static. 26-515, 5.95



## Reduce TRS-80 Screen Glare



Anti-Glare Panel. Optically-coated glass for Model I/II/III/4/16. 26-1457 ..... 39.95  
**NEW!** For Model 12/16B. 26-1326 ..... 39.95  
 Anti-Glare Mask. Nylon mesh. 26-511 ..... 16.95

# TRS-80 Computer Tapes and Diskettes—Certified for Excellence

## Cassette Tapes



**NEW! C-20 Deluxe "Reel-to-Reel" Certified Cassette Tape.** 26-308 ..... 3.79

**New Low Price! C-20 Certified Cassette Tape.** With specially reinforced ends. Was \$3.79 in 1983 Catalog. 26-301 ..... 2.79

**C-10 Cassette Tape.** With specially reinforced ends. 26-302 ..... 1.79

**Cassette Labels.** 26-304 ..... Pkg. of 60/1.95

## Certified TRS-80 Diskettes

Our diskettes are made to the most rigid standards in the industry. They're double-coated with an advanced ferric oxide blend that produces maximum lubrication and resistance to diffusion. Certified free of defects.

**5 1/4" Unformatted Diskettes.** Single-sided, double-density, 40-track, soft-sector.

**Single Diskette.** 26-305 ..... 4.95  
**Diskette 3-Pack.** 26-405 ..... 13.95  
**Diskette 10-Pack.** 26-406 ..... 39.95

**8" Unformatted Diskettes.** Double-density, 77-track, soft-sector.

**Single-Sided.**

**NEW! Diskette 3-Pack.** 26-4904 ..... 19.95  
**Diskette 10-Pack.** 26-4906 ..... 59.95

**Double-Sided.**

**NEW! Diskette 3-Pack.** 26-4961 ..... 24.95  
**Diskette 10-Pack.** 26-4960 ..... 69.95

**5 1/4" Diskette Replacement Labels.** 26-307 ..... Pkg. of 50/1.95

**8" Diskette Replacement Labels.** 26-4955 ..... Pkg. of 50/1.95



## Data Storage Media Last Longer If Properly Protected



### Disk and Cassette Binder

**A Universal Data Binder.** 3-ring binder for cassette holders and diskette envelopes. 26-1310 ..... 5.95

**B Cassette Holder.** Stores six cassettes. 26-1311 ..... Pkg. of 2/4.95

**Disk Envelopes.** Convenient storage.

**C 5 1/4" 26-510 ..... Pkg. of 10/7.95**

**D 8" 26-4907 ..... Pkg. of 10/7.95**



### Diskette Storage and File Boxes

Protects up to ten diskettes. Index is always visible.

**A 8" Diskette Storage Box.** 26-4956 ..... 5.95

**B 5 1/4" Diskette Storage Box.** 26-1321 ..... 4.95

Each file box holds 50 diskettes. With index dividers.

**C New Low Price! Program Pak™ File Box.** Holds 16 Program Paks or cassette boxes. Was \$34.95 in 1983 Catalog. 26-1314 ..... 29.95

**D 5 1/4" Diskette File Box.** 26-1453 ..... 29.95

**E 8" Diskette File Box.** 26-4953 ..... 39.95

## Diskette Mailers

5 1/4". Pkg. of 5. 26-1317, 6.95

8". Pkg. of 5. 26-4954, 8.95



## Stock Up on Convenient Fanfold Printer Paper



Size	Design	Quantity	Box	Cat. No.	Price
9 1/2 x 11"	Blank White	500 sheets	Mini-Pak	26-1423	8.95
9 1/2 x 11"	Blank 20#	1250 sheets	Tote	26-1427	24.95
9 1/2 x 11"	Greenbar	3500 sheets	Carton	26-1403	39.95
14 7/8 x 11"	Greenbar	500 sheets	Mini-Pak	26-1330	9.95
14 7/8 x 11"	Greenbar	3500 sheets	Carton	26-1417	59.95

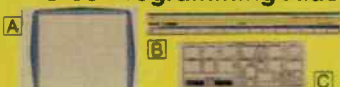
(9 1/2 x 11" sheets have "invisible" vertical edge perforations)

## Printer Roll Paper

For TRS-80 printers no longer in stock.

Printer	Paper	Cat. No.	Price
LP I, II, IV, VIII, DMP-200	8 1/2" x 500'	26-1402	2/19.95
Quick Printer 26-1153	Electrostatic 4 3/4" x 130'	26-1405	3/16.95
Quick Printer II 26-1155	Electrostatic 2 3/4" x 75'	26-1412	3.95
Plotter/Printer 26-1190	9" x 90'	26-1407	4.95

## TRS-80 Programming Aids



**A Worksheets.** 26-2105 ..... 100/3.95

**B Ruler.** 26-1313 ..... 3.50

**C Template.** 26-1312 ..... 3.95

## Pressboard Binders



**NEW FOR 84**  
 14 7/8 x 11". 26-1339, Pkg. of 2/7.95  
 11 x 8 1/2". 26-1340, Pkg. of 2/7.95

## Fanfold Mailing Labels



**NEW! 1-Wide.** Pressure-sensitive. Pkg./1000. 26-1328 ..... 6.95  
**2-Wide.** Dry gum. Pkg./2400. 26-1456 ..... 9.95

Available But May Not Be Stocked at All Participating Radio Shack Stores and Dealers

# RADIO SHACK MAKES PRINTING FAST AND EASY

## "Letter Quality" Dot Matrix Printer



**1995<sup>00</sup>**

**DMP-2100.** Delivers high-speed for data processing, high-resolution for dot-addressable graphics, and a word processing mode with print quality that rivals a Daisy Wheel! Prints 32,400 dots per square inch. Change pitch and font within your text without changing printwheels. Prints 160 cps in DP mode, 770 words per minute in WP mode. Measures just 5<sup>7</sup>/<sub>8</sub> x 21<sup>1</sup>/<sub>16</sub> x 15" U.L. listed.  
26-1256 . . . . . 1995.00

**NEW FOR '84**

## High-Performance Business Printer



**1295<sup>00</sup>**

Was \$1795 in '83 Catalog  
**DMP-500.** Prints a full 132-column line at 78 lines per minute (220 cps). Data processing, word processing and graphics modes. Bi-directional, logic-seeking print head. Removable tractor adjusts from 4" to 15". Paper and form-feed controls.  
7<sup>1</sup>/<sub>16</sub> x 24<sup>5</sup>/<sub>8</sub> x 15<sup>7</sup>/<sub>8</sub>" U.L. listed.  
26-1252 . . . . . 1295.00

**ONE OF OVER 350 NEW LOW PRICES**

## "Letter-Quality" Impact Printer



**1995<sup>00</sup>**

**Daisy Wheel II.** Our best formed-character printer. Prints over 500 words per minute with that crisp, clean "electric typewriter" look. Interchangeable print wheels and selectable print densities. With Courier 10 print wheel, ribbon, 8 x 24<sup>1</sup>/<sub>2</sub> x 15<sup>1</sup>/<sub>2</sub>" U.L. listed.  
26-1158 . . . . . 1995.00

## Affordable Letter-Perfect Printing



**1295<sup>00</sup>**

Was \$1495.00 in 1983 Catalog

**DWP-410.** Prints 300 words per minute. Select 10 or 12 characters per inch, or proportional pitch. Forward and reverse line feed, underline and programmable backspace. With Courier 10 print wheel, ribbon 8 x 23 x 13" U.L. listed.  
26-1250 . . . . . 1295.00

**ONE OF OVER 350 NEW LOW PRICES**

## Seven-Color Ink Jet Printer

**NEW FOR '84**



**699<sup>00</sup>**

Only \$41 Per Month On CitiLine Credit

**CGP-220.** This incredibly quiet printer features a "state of the art" drop on demand ink-jet printing system and lets you print text and graphics. Prints 40 characters (7 x 5) per second in text mode and 2600 dots per second in color scan mode. Graphics resolution is 560 monochrome dot columns per line in standard bit image mode and 640 dots per line in the multi-color mode. Parallel or Color Computer-compatible (600/2400 baud) serial interface.  
26-1268 . . . . . 699.00  
**Black Ink Pak.** 26-1281 . . . . . 9.95  
**Tri-Color Ink Pak.** 26-1282 . . . . . 14.95  
**Roll Paper.** 26-1333 . . . . . Pkg. of 3/9.95  
**8<sup>1</sup>/<sub>2</sub> x 11" Paper.** 26-1341 . . . . . 250 Sheets/6.95

**NEW FOR '84**

## Versatile "Triple-Mode" Printer

**999<sup>00</sup>**



- Low-Profile Styling
- Prints 140 CPS at 10 CPI

**DMP-420.** New double-wall cover design aids in noise reduction. Prints 132-column line at 51 lines per minute. Features word processing, data processing and dot-addressable graphics modes. Removable tractor allows use of 4" to 15" fanfold paper. Prints original, plus two copies. 6<sup>1</sup>/<sub>2</sub> x 13<sup>3</sup>/<sub>8</sub> x 25<sup>5</sup>/<sub>8</sub>" U.L. listed. 26-1267 . . . . . 999.00

**SW-302 Parallel Printer Switch.** Connect two printers to one computer, or two computers to one printer. Cables not included. U.L. listed. 26-1498 . . . . . 119.95



Replacement Ribbons				
Printer	Ribbon	Character Life	Catalog No.	Price
LP I II IV	Fabric Pack	1 million	26-1413	3 95 95
LP III V	Fabric Cart	2 million	26-1414	11 95
LP VI VIII DMP-400 420	Fabric Cart	1 million	26-1418	11 95
LP VII DMP-100	Reinking Fabric Cart	1 million	26-1424	8 95
DMP-500	Fabric Cart	4 million	26-1482	13 95
DMP-200 120	Fabric Cart	4 million	26-1483	15 95
DMP-200 500 120	Refill Pack	4 million	26-1489	3 15 95
DMP-2100	Fabric Cart	2 million	26-1442	13 95
DW II DWP-410	Carbon Film Cart Multi-strike	250,000	26-1419	3 21 00
DW II DWP-410	Fabric Cart Black	1 million	26-1439	10 95
DWP-210	Multi-strike Cart	300,000	26-1425	3 17 95
DWP-210	Fabric Cart	1 million	26-1458	8 95

# TRS-80®—THE WORLD LEADER IN MICROCOMPUTERS

## The New Model 12 Computer— Affordable and Expandable



**NEW  
FOR '84**

The Perfect  
Computer for  
Any Size  
Business

Low  
As **3199<sup>00</sup>**

Commercial Lease Available  
For Only \$115.00 Per Month  
(Plus Applicable Use/Sales Tax)

Our most popular multi-purpose workstation. Ideal for accounting, word processing, planning, electronic filing, mainframe communications, and more. Model 12 features an 80,000-character internal memory, and each built-in disk drive stores 1,250,000 characters. Easy internal and external expansion. U.L. listed.

1-Disk Model 12. 26-4004 ..... 3199.00  
2-Disk Model 12. 26-4005 ..... 3999.00

## Model 16B—Our Fastest, Most Powerful TRS-80 Ever!



**NEW  
FOR '84**

Includes  
TRS-XENIX  
Multi-User  
System

Low  
As **4999<sup>00</sup>**

Commercial Lease Available  
For Only \$175.00 Per Month  
(Plus Applicable Use/Sales Tax)

Model 16B can become the hub of a multi-user office system! Just add one or two terminals, hard disk and cable, and up to three people can perform different tasks at the same time. Dual processor design features MC68000 16-bit and Z-80A 8-bit microprocessors. 256K internal memory (expandable to 768K), one or two built-in 1.25-million-character 8" disk drives, 12" green monitor, detachable typewriter keyboard. U.L. listed.

256K 1-Disk Model 16B. 26-6004 ..... 4999.00  
256K 2-Disk Model 16B. 26-6005 ..... 5798.00

XENIX and Microsoft are trademarks of Microsoft Corp

## 12-Megabyte Hard Disk System



**2995<sup>00</sup>**

**ONE  
OF  
OVER  
350  
NEW LOW PRICES**

Was \$3495  
In Cat. RSC-9

Extremely  
Fast Access  
To Programs And Data

Adds 12 million characters of storage to your Model II, 12 or 16 microcomputer. Winchester technology assures reliable, fast transfer. Uses all current TRSDOS library commands, plus new hard disk utilities. Secondary drives are available for our 12 and 8-megabyte hard disks, too. U.L. listed. Installation not included.  
26-4152 ..... 2995.00

## Deluxe DT-1 Video Data Terminal

**699<sup>00</sup>**

Ideal for Our  
Model 16-Series  
Multi-User  
System



Features convenient configuration selection of four popular standard terminals from the keyboard. Non-volatile memory retains terminal configuration even when power is off. 12" diagonal 80 x 24 display. U.L. listed. 26-6050 ..... 699.00

All-New  
1984  
TRS-80®  
Computer  
Catalog

Available  
Sept. 30, 1983

## Coming Soon! Come In for Your Free Copy of the New Radio Shack TRS-80 Computer Catalog

*Just Ask for Catalog RSC-10*

FREE—Our new full-color, 60-page catalog includes detailed information on the exciting line of TRS-80 computers, accessories and software. Available late September at your nearest Radio Shack store, Computer Center or participating dealer. Be sure to get your copy of the most complete computer catalog available.

Available Only at Radio Shack Computer Centers, Expanded Computer Departments and Participating Stores and Dealers

# TRS-80™ COLOR COMPUTERS—BETTER THAN EVER



Our Color Computers Are Ideal for Entertainment, Education and Home Use

16K Standard  
Color Computer 2

**NEW  
FOR '84**

**239<sup>95</sup>**  
Less TV

Only \$25 Per Month  
On CitiLine Credit

16K Extended  
Color Computer 2

**319<sup>95</sup>**  
Less TV

Only \$27 Per Month  
On CitiLine Credit

- Each Model Uses Instant-Loading Program Paks
- Eight Vivid Colors • Exciting Sound Effects

**TRS-80 Standard Color Computer 2.** We improved our most popular family computer with a compact white case, low-profile, electric typewriter-quality keyboard and a price that's \$160 less than last year's model! Easily attaches to any TV—then Program Paks let you set up a budget or monitor your investments, and help the kids develop math and reading skills. You can also learn how to program, battle starships, run a maze, play baseball—and lots more. Expand with a cassette recorder, disk drives, a printer or telephone communications. With entertaining 308-page beginner's manual. U.L. listed.

26-3026 ..... 239.95

**TRS-80 16K Extended Color Computer 2.** All the features of the Standard Color Computer 2, plus advanced programming capabilities to make spectacular, high-resolution color graphics with music and sound effects using simple one-line commands. Powerful programming features include PEEK, POKE and USR commands, multi-character variable names (two significant), string arrays up to 255 characters, full-featured editing, tracing and 9-digit accuracy. Includes tutorial manuals on both Standard and Extended BASIC. U.L. listed. 26-3027 ..... 319.95

## Specifications

Microprocessor: 6809E 8-bit processor. Clock Speed: 0.894 MHz. Keyboard: 53 keys, including up, down, right and left arrows, BREAK and CLEAR. Video Display: 16 lines of 32 upper case characters. Color graphics capabilities range from 32 x 64 (8 colors) to 192 x 256 (1 color and background color) with 3 intermediate formats. Higher resolutions in the same range are available through machine language. Extended BASIC or Program Paks. Output connects to any standard TV set (300 ohms) and includes video and sound. Memory: 16K internal dynamic RAM. Expandable to 64K. Color BASIC is in 8K ROM. 16K ROM with Extended BASIC. Input/Output: 1500-baud cassette (recorder optional). Connectors for two 2-dimensional joysticks (optional). RS-232C serial I/O port. Interrupt Timer: Accessible from Extended BASIC or machine language only. Dimensions: 3 x 10 1/2 x 14 1/2". Power: 120VAC, 60 Hz, 50W.

## Color Computer Upgrade Kits Add More Memory and Better Graphics

**16K RAM Upgrade Kit.** Converts a 4K Color Computer to 16K. 26-3015 ..... 49.00\*

**64K RAM Upgrade Kit.** Converts a 4K, 16K or 32K Color Computer to 64K. 26-3017 ..... 149.00\*

**New Low Price! Extended Color BASIC ROM Upgrade Kit.** Upgrades a Color Computer for advanced graphics capabilities. Requires a minimum of 16K. Was \$99.00 in 1983 Catalog. 26-3018 ..... 79.95\*

**New Keyboard Upgrade Kit.** 26-3016 ..... 39.95\*

\*Upgrade kit prices do not include required installation.

## Color Computer Accessories Add Even More Fun to Games

**A Color Computer Joysticks.** For faster, more realistic action. 360° movement. Single-shot button.

26-3008 ..... Pair/24.95

**B NEW! Color Mouse.** For the ultimate cursor control! Adds speed and ease to game-playing and to creating color graphics. Use alone or with a joystick.

26-3025 ..... 49.95



## Time-Saving Color Computer Multi-Pak Interface

**179<sup>95</sup>**

**NEW  
FOR '84**

**NEW! Multi-Pak Interface.** Connect up to four Program Paks to your computer at once! Play repeatedly without changing setup or cartridges! 26-3024 ..... 179.95

**NEW! Deluxe RS-232 Program Pak™.** Communicate with information services! 26-2226 ..... 79.95



# OUR MOST POWERFUL! 64K COLOR COMPUTER

**Extend Storage Capacity  
With Color Disk Drives**



1st Drive  
**399<sup>95</sup>**

Only \$28 Per Month  
On CitiLine Credit

Additional Drives  
**279<sup>95</sup>**  
Each

Only \$26 Per Month  
On CitiLine Credit

Store and quickly access complete programs and large amounts of data! Adds 156,672 characters of storage per disk. Includes cable with plug-in Program Pak, blank 5 1/4" diskette and manual. Requires Extended BASIC. U.L. listed.

**NEW! Color 2 Disk #0 Kit. 26-3029, 399.95**  
**New Low Price! Color Disk #1, 2 or 3. Requires Disk #0. Was \$399.00 in 1983 Catalog.**  
26-3023 ..... 279.95  
Color Disk #0 Kit. 26-3022 ..... 399.95

**The Heart of a  
Sophisticated,  
Disk-Based  
Color Graphics System**

**NEW  
FOR 84**

**399<sup>95</sup>**  
Less TV

**64K Extended BASIC  
TRS-80 Color Computer**

Only \$28 Per Month  
On CitiLine Credit



**64K Extended BASIC Color Computer.** Now double your programming power with this low-cost, professional computer. Compact, white case features a new electric typewriter-quality keyboard. Loaded with features for the serious programmer, too. Add our new Color 2 Disk Kit (at left) and OS-9 operating system (below) to utilize the full 64,000-character memory. Or access 32K of memory using the powerful, built-in Extended BASIC language. Easy-to-use one-line commands make detailed color graphics incredibly simple. Create drawings, business charts, engineering diagrams, even animation. With Standard and Extended BASIC manuals. U.L. listed. 26-3003 ..... 399.95

## Add These Color Computer Disk Programs for Problem-Solving or Fun

**New Low Price! Disk Color SCRIPSIT<sup>™</sup>.** Word processing. Displays upper/lower case. Was \$59.95 in 1983 Catalog.  
26-3255 ..... 49.95



**NEW! Disk Graphics Pack.** Easily create and plot a variety of charts and graphs. Includes key "legend".  
26-3251 ..... 49.95



**Sands of Egypt.** Adventure game with great animated color graphics. Escape with the ancient treasure.  
26-3290 ..... 29.95



**NEW! OS-9 with Editor/Assembler.** Disk operating system for the 64K Color Computer (above). Comprehensive system that supports multi-tasking. Includes full-featured Editor/Assembler for creating assembly language programs. With documentation, reference manual and 5 1/4" diskette.  
26-3030 ..... 69.95

**NEW! Color Profile.** Versatile electronic filing program that lets you store and recall information in seconds! Define up to four primary and four secondary search keys. Create up to 256 data fields. With convenient reallocate facility for easy insertion of new data. 26-3253 ..... 59.95

**NEW! Color Disk Editor/Assembler.** Get the speed and efficiency of machine language programming. For developing 6809 software or subroutines. Save and load editor files to and from diskette. A time-saving INCLUDE facility allows source code from disk files to be included in assemblies.  
26-3254 ..... 59.95

**New Low Price! Disk Color Spectulator<sup>®</sup>.** Performs electronic spreadsheet calculations. Includes column totalling and grand total. Was \$59.95 in 1983 Catalog.  
26-3256 ..... 49.95

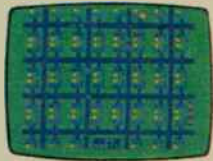
**New Low Price! Disk Personafile.** Handy filing program for fast access to household records and information. Up to 540 records, with up to 250 subjects. Was \$59.95 in 1983 Catalog. 26-3260 ..... 49.95

**NEW! Cash Budget Management.** Keep a budget and track cash flow. Based on cash transactions—enter income and expenses. Use with checking, petty cash and savings accounts. 26-3261 ..... 49.95

# COLOR COMPUTER GAMES FOR THE FUN OF IT

Experience the Excitement and Challenge of These Great Games!

**New Low Price! Poltergeist.** Based on the hit Steven Spielberg movie! You must find and rescue Carol Anne. Was \$34.95 in Cat. RSC-9. **26-3073 . . . . 29.95**



**New Low Price! Mega-Bug.\*** A rapid-action maze of fun! Try to confuse and lose your many chasers by leaving false trails. Was \$34.95 in Cat. RSC-9. **26-3076 . . . . . 29.95**



**Shooting Gallery.\*** Hit the moving targets for points in this whimsical carnival atmosphere of flashing lights and music. Watch out—you'll find lots of surprises! **26-3088 . . . . . 29.95**



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## Great Action for the Whole Family!

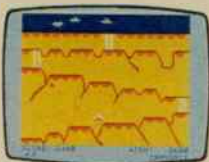
**New Low Price! Space Assault.\*** Destroy aliens before they destroy you! Was \$29.95 in 1983 Catalog. **26-3060 . . . . . 24.95**

**Project Nebula.\*** Cosmic "dog fights" as you seek out and battle enemy vessels. Four skill modes. **26-3063 . . . . . 39.95**

**New Low Price! Polaris.\*** Use your fleet of submarines to defend islands. Was \$29.95 in 1983 Catalog. **26-3065 . . . . . 24.95**

**New Low Price! Galactic Attack.\*** Destroy dive-bombing enemy spaceships. Was \$29.95 in 1983 Catalog. **26-3066 . . . . . 24.95**

**NEW! Canyon Climber.\*** Three levels of hazardous fun! While ascending cliffs, you must avoid unfriendly goats, deadly arrows and objects falling from the sky. **26-3089 . . . . . 34.95**



**NEW! Gomoku and Renju.** Ancient oriental games of strategy. **26-3069 . . . . . 19.95**

**New Low Price! Wildcatting.** Strategy game in the oil fields! Was \$29.95 in 1983 Catalog. **26-3067 . . . . . 24.95**

**Roman Checkers.** Classic game of strategic placement. **26-3071 . . . . . 29.95**

**Color Cubes.** Play that maddening cube puzzle on your computer! Undo and redo up to 255 moves. **26-3075 . . . . . 29.95**

**New Low Price! Castle Guard.\*** Defend your castle from the giant fireball using Merlin's magical pikes! Great color graphics. Was \$29.95 in Cat. RSC-9. **26-3079 . . . . . 24.95**

**Microbes.** Use your "disinfectant" to shoot antibiotics at nasty bacteria. 15 levels of difficulty. **26-3085 . . . . . 24.95**

**Clowns and Balloons.\*** Bounce a "monkey-suited" clown high enough off the net to pop balloons above! **26-3087 . . . . . 29.95**

**Popcorn.\*** Red-hot action! Catch the popping kernels with a skillet as they fall. Ten skill levels. **26-3090 . . . . . 24.95**

**New Low Price! Monster Maze.\*** Search for stacks of gold in an evil dungeon! Was \$29.95 in Cat. RSC-9. **26-3081 . . . . . 24.95**

**New Low Price! Double Back.\*** Gain points by encircling the objects on the screen—making a loop back to your own tail. Was \$24.95 in Cat. RSC-9. **26-3091 . . . . . 19.95**

**New Low Price! Gin Champion.** Sharpen your gin-playing skills. Was \$34.95 in Cat. RSC-9. **26-3083 . . . . . 29.95**

**NEW! Slay the Nerius.\*** Navigate your mini-sub in perilous waters teeming with sub-eating starfish, poison air bubbles and the ancient seaworm, Nerius. **26-3086 . . . . . 24.95**

## Color Computer Software "Hotline"

Your nearby Radio Shack store has a special Hotline for ordering Color Computer programs not included in this catalog. If your selection is not in stock, we'll special order it for you via our Hotline and have it ready for pickup in just a few days! There's no extra charge for this service!

## New Programs & Old Favorites



**NEW! Star Blaze.\*** Eliminate aliens and save the galaxy! Protect star fleet's fuel and repair stations. **26-3094 . . . . . 19.95**

**NEW! Reactoids.\*** Prevent meltdown! Take control of the nuclear reactor's computer-guidance system. **26-3092 . . . . . 19.95**

**NEW! The Dungeons of Daggorath™.\*** Ultimate adventure game! Hi-res, 3-D graphics and "heart" beat. **26-3093 . . . . . 29.95**

**NEW! Baseball.\*** Just like the real game! You're in full control. Fantastic graphics. **26-3095 . . . . . 24.95**

**Chess.** Eight levels of difficulty. **26-3050 . . . . . 34.95**

**New Low Price! Super Bustout.\*** Break down three walls on the screen. Was \$29.95 in 1983 Catalog. **26-3056 . . . . . 24.95**

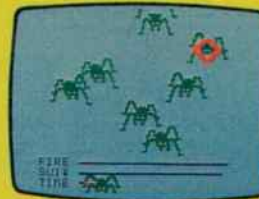
**Dino Wars.\*** Attack the opponent's beast. **26-3057 . . . . . 29.95**

**Skiing.\*** Maneuver through slalom gates. **26-3058 . . . . . 29.95**

**New Low Price! Color Backgammon.** Great game of strategy and luck. Was \$19.95 in 1983 Catalog. **26-3059 . . . . . 17.95**

**New Low Price! Tennis.** Realistic action requiring tennis strategy. Was \$29.95 in 1983 Catalog. **26-3080 . . . . . 24.95**

## Thrilling Adventure and Strategy Games



**NEW! Klendathu.\*\*** Based on Robert G. Heinlein's "Starship Trooper"! The planet Klendathu is crawling with a civilization of giant bugs! Destroy the deadly "soldier" insects. Don't let fire power, suit power or time run out! For one or two players. **26-2567 . . 14.95**

**Pyramid.\*\*** Perilous adventure game! Explore the ancient pyramid's unknown passages for treasures! Carefully make your way past deadly hazards. **26-3310 . . . . . 14.95**

**Raaka-Tu™.\*\*** Venture into the temple of a forgotten civilization. The clever can gain vast treasures. Draw on your knowledge of magic and medicine. **26-3311 . . . . . 14.95**

**Bedlam.\*\*** You're "in" and you want to get out of this nutty place! But can you trust Napoleon or the guy who calls himself X-Ray? **26-3312 . . . . . 14.95**

**Madness and the Minotaur.\*\*** Beware of the mystical Minotaur and other strange creatures as you search the labyrinth for hidden treasures. **26-3313 . . . . . 14.95**

**Card Games.\*\*** Six games in one—with something for everyone! There's challenging hands of Solo Poker, Solitaire and Black Jack for adults. Kids will love Fish, The Last Pirate and War. **26-3320 . . . . . 19.95**

\* Joysticks required. \*\* Cassette recorder required.



# EDUCATIONAL COLOR COMPUTER PROGRAMS

New! Children's Computer Workshop Series by the People Who Brought You Sesame Street®

**Taxi.™™™** Kids earn fares and tips as they drive through six cities, from New York to Shanghai. For ages 7-up. 26-2509 .. 19.95



**Peanut Butter Panic.™™™** Players catch stars to make sandwiches and score points! For ages 7-up. 26-2523 ..... 19.95



**Ernie's Magic Shapes.™**  
\*\* Help Ernie match shapes and colors in six different ways. For ages 3-6. 26-2524 ..... 19.95



**Star Trap.™™™** Players race through a maze, to trap a slippery star before time runs out! For ages 7-up. 26-2510 ..... 19.95

**Grover's Number Rover.™™™** Grover is counting on you to help him play with numbers! For ages 3-6. 26-2522 ..... 19.95

**Big Bird's Special Delivery.™™™** Match pictures to help Big Bird deliver his packages. For ages 3-6. 26-2525 ..... 19.95

**Cookie Monster's Letter Crunch.™™™** Cookie Monster is hungry! Match letters and words to feed him. Ages 3-6. 26-2526 .. 19.95

These programs require Extended BASIC. Muppet characters are trademarks of Muppets, Inc. All rights reserved.

## New! Walt Disney Series Lets Youngsters Learn With Disney's Most Popular Characters



These quality programs use a combination of high-resolution screen graphics with text displayed on the screen, as well as recorded narration and music. There are special effects and animation. Children get immediate feedback for correct or incorrect answers. Includes documentation containing activities for extending comprehension.

**Telling Time With Donald.™** Learning to tell time is easy when Donald Duck tutors. For ages 5-8. 26-2530 ..... 34.95

**Problem Solving With Scrooge McDuck.™** Discover the value and practice of estimating with Scrooge McDuck. Also, discover how to read graphs with Goofy. For ages 9-13. 26-2531 ..... 34.95

**Mickey's World of Writing.™** Learn sentence structure and basic writing skills. For ages 8-11. 26-2532 ..... 34.95

**Goofy Covers Government.™** Goofy, as a news reporter, explores our government. For ages 10-14. 26-2533 ..... 34.95

**Mickey's Alpine Adventure.™** Learn about the special sounds of vowels. For ages 7-9. 26-2534 ..... 34.95

**Math Adventures With Mickey.™** Mickey Mouse teaches methods of problem-solving and how to use decimals. For ages 9-13. 26-2535 ..... 34.95

**Space Probe: Reading.™** Outer-space adventure where reading comprehension skills are explored. For ages 10-15. 26-2536 ..... 34.95

**Space Probe: Math.™** Youngsters learn about problem solving and the concepts of area and perimeter. For ages 7-14. 26-2537 ..... 34.95

These programs require Extended BASIC. Walt Disney characters are trademarks of Walt Disney, Inc. All rights reserved.

## Fascinating Educational Programs—There's One for Every Member of Your Family!

**Fun With Reading.** Illustrated reader, cassette tape, and computer tape for spelling and vocabulary. For grades 4-6.

**Dracula.™** 26-2550 ..... 19.95

**The Hound of the Baskervilles.™** 26-2551 ..... 19.95

**Moby Dick.™** 26-2552 ..... 19.95

**20,000 Leagues Under the Sea.™** 26-2553 ..... 19.95

**Vocabulary Tutor.** Match words with definitions and use words in sentences. Uses Talk 'n Tutor system. For grades 3-5.

**Vocabulary Tutor 1.™** 26-2568 ..... 8.95

**Vocabulary Tutor 2.™** 26-2569 ..... 8.95

**Crosswords.** Two fun word games for any age! 26-3082 .. 24.95

**New Low Price! Bingo Math.™** Three games to make math fun! Was \$29.95 in Cat. RSC-9. 26-3150 ..... 24.95

**Color Computer Learning Lab.™** 26-3153 ..... 49.95

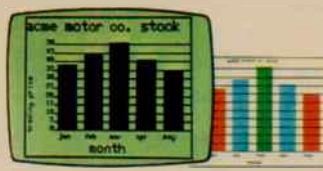
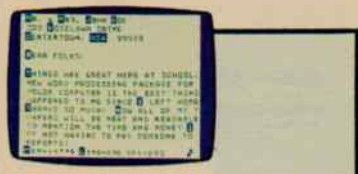
**New Low Price! Bridge Tutor.** Learn bidding and card playing. Was \$34.95 in 1983 Catalog. 26-3158 ..... 24.95

**New Low Price! Robot Battle.** You program the robots for battle! Was \$39.95 in Cat. RSC-9. 26-3070 ..... 29.95

**Color LOGO.** "Turtle" graphics. 26-2722 ..... 49.95

**NEW! Atom.** Place the electrons in orbit! 26-3149 ..... 19.95

## Convenient Problem-Solving, Unique Graphics and Personal Programs



**New Low Price! Micro Painter.** An "electronic coloring book"! Was \$39.95 in 1983 Catalog. 26-3077 ..... 34.95

**New Low Price! Color SCRIPSIT™.** Word processing with easy editing. Was \$39.95 in 1983 Catalog. 26-3105 ..... 34.95

**NEW! Graphics Pack.** Plot charts and graphs. 26-3157 .. 39.95

**Art Gallery.** Draw color pictures! 26-3061 ..... 39.95

**New Low Price! Color File.** Quickly store and access data electronically! Was \$29.95 in 1983 Catalog. 26-3103 ..... 24.95

**New Low Price! Spectaculator®.** "Electronic worksheet" for problem-solving. Was \$39.95 in 1983 Catalog. 26-3104 ... 34.95

**Handyman.** For do-it-yourselfers! 26-3154 ..... 29.95

**Editor/Assembler.** 26-3250 ..... 49.95

**Audio Spectrum Analyzer.** Test stereo equipment for top performance! Requires cable (#26-1207). 26-3156 ..... 14.95

**NEW! Color Compac.** Communications program. 26-3330 ..... 29.95

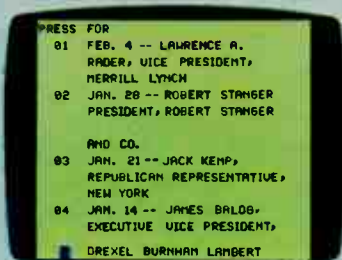
**NEW! Personal Finance II.** Set up a budget. 26-3106 ... 34.95

**Diagnostic ROM.** Perform test routines. 26-3019 ..... 19.95

\*Joysticks required. \*\*Cassette recorder required. \*\*\*Joysticks and cassette recorder required.

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# INSTANTLY ACCESS A WORLD OF INFORMATION!



**Dow Jones News/Retrieval®.** TRS-80 Videotex gives you a "direct line" to Wall Street—and your first hour is FREE! Get business and industrial news, detailed corporate information, historical data and company profiles.

**CompuServe® Information Service.** Get "on-line" to this exciting service—and your first hour is FREE! CompuServe offers the latest news, weather and sports. You can send and receive electronic mail, too. And there's RAM workspace and disk storage for programmers.

**Low-Cost TRS-80 Videotex Packages.** Videotex software allows access to information data bases using your computer and an optional-extra telephone interface. Just dial a phone number (usually local), press a few keys and the desired information will appear on your screen. Each package includes manuals and ID numbers. You get one free hour on both the Dow Jones and CompuServe networks. After that, you'll be billed at their low hourly rates.

**Color Computer Package.** 26-2222 . . . . . 29.95

**Universal Sign-Up Kit.** No software included. Intended for use with your software or terminal. 26-2224 . . . . . 19.95

**Model II/12 Package.** 26-4721 . . . . . 49.95

**NEW! Videotex Plus Communications Software.** Powerful communications package for the TRS-80 Model III or I disk system. Advanced features reduce "on-line" time. Auto log-on for quick and easy access. Includes one free hour on both CompuServe and Dow Jones. Requires telephone interface. 26-1588 . . . . . 49.95

**Model I/III Tape Videotex.** 26-2220 . . . . . 29.95

## New! Agricultural Information Network for Ag Professionals

**AgriStar™.** Now any professional farmer, farm manager or agribusiness executive can get 24-hour instant access to ag news, specialized weather reports and forecasts, market analyses and recommendations, information from commodity exchanges (updated every 10 minutes) and much, much more. Only ten minutes a day keeps you on top of information that affects the farm business and your profits. Includes a user manual, a reference flipchart, a subscription to *Farm Futures* magazine, a newsletter, and 24-hour access to a toll-free support service and the AgriData network system. You connect to AgriStar over your telephone using the 2-disk 64K Model 4 (or 48K Model III) and a phone modem. (Price includes first six months of service—connect fees and information charges billed separately. After six months, your basic service fee is just \$39 a month.)

26-2227 . . . . . 199.95

## Choose the Genuine TRS-80 Accessories That Suit You Best

149<sup>95</sup>



99<sup>95</sup> **NEW FOR 84**

NEW LOW PRICE  
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