

GENERAL INDEX

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Fifteen Years of Semiconducting Materials and Transistors, compiled by N. L. Meyrick, 565 Dec.
First Course in Television, "Decibel", 565 Dec.
Fundamentals of Radio and Electronics, edited by W. L. Everitt, 565 Dec.
G.R.R. Year Book, 1958, 410 Sept.
Guide to Amateur Radio, 455 Oct.
— Mobile Radio, Leo. G. Sands, 565 Dec.
International Radio Tube Encyclopaedia, Bernard B. Babani, 144 Mar.
Junction Transistor Electronics, Richard B. Hurley, 565 Dec.

- Library Services and Technical Information for the Radio and Electronics Engineer 565 Dec.
Magnetic Recording Techniques, W. Earl Stewart, 85 Feb.
Metal Industry Handbook and Directory 1959, 314 July/Aug.
Microwave Data Tables, A. E. Booth, 501 Nov.
Mobile Radio Telephones, H. N. Gant, 565 Dec.
Noise in Industry, edited by A. E. Stevens, 314 July/Aug.
Oszillatoren mit Schwingkristallen, Werner Herzog, 455 Oct.
Principles of Electronics, H. Buckingham and E. M. Price, 565 Dec.
— Transistor Circuits, S. W. Amos, 238 May
Propriétés et Applications des Transistors, Jean Pierre Vasseur, 178 Apr.
R.S.G.B. Amateur Radio Call Book 455 Oct.
Radio Amateur Operator's Handbook, 1959 editions, 455 Oct.
— Amateur's Handbook, 1959 edition, Headquarters Staff of the American Radio Relay League, 410 Sept.
— Engineer's Pocket Book, F. J. Camm, 314 July/Aug.
Radioastronomy and Radar, J. G. Crowther, 85 Feb.
Report on the Supply of Electronic Valves and Cathode Ray Tubes of the Monopolies and Restrictive Practices Commission, 205 May
Services Textbook of Radio, Vol. 5, Transmission and Propagation, E. V. D. Glazier and H. R. L. Lamont, 144 Mar.
Servicing Transistor Radios, Leonard D'Airo, 455 Oct.
Signal Generators, Attenuators, Voltmeters and Ammeters at Radio Frequencies 85 Feb
Some International Geophysical Year Achievements, 148 Mar.
Spotlight on B.B.C. Television, 455 Oct.
Telecommunications, A. T. Starr, 85 Feb.
Television Engineers' Pocket Book edited by J. P. Hawker, 455 Oct.
— Servicing, Alex Levy and Murray Frankel, 565 Dec.
— Handbook, Gordon J. King, 85 Feb.
Theorie der Spulen und Übertrager, Richard Feldtkeller, 178 Apr.
Trader Year Book, 1959 edition, 266 June
Transistors Theory and Practice, Rufus P. Turner, 410 Sept.
Tube and Semiconductor Selection Guide 1958-59, compiled by Th. J. Kroes, 144 Mar.
"Wireless World" Diary, 1960 edition, 511 Nov.
World Radio Handbook for Listeners, 1959 edition, edited by O. Lund-Johansen, 410 Sept.

CIRCUITRY (Parts of Circuits)

- Bifilar-T Circuit, Thomas Roddam, 66 Feb., 145 Mar., (Letters) 186, 187 Apr.
Elements of Electronic Circuits, J. M. Peters, 156 Apr., 231 May, (Correction) 232 May, 276 June, 346 July/Aug., 411 Sept., 448 Oct., 510 Nov., 557 Dec.
Feedback Amplifiers as Filters, Thomas Roddam, 274 June
Magnetic Amplifier, "Variable- μ ", C. C. Whitehead, 219 May
Mechanical "Circuits", "Cathode Ray", 570 Dec.
Miller Sweep Circuit, C. S. Speight, 34 Jan., (Letters) 74 Feb., 122 Mar.
Miniaturization and Micro-Miniaturization, G. W. A. Dummer, 545 Dec.
Resistors in Parallel, M. A. Hammond, 339 July/Aug.
Transistor Tape Pre-Amplifier (Letters), 124, 125 Mar.
Triode-Pentode Timebase, J. F. Young, 393 Sept.

- Wien Bridge, Alternatives to the, J. F. Young, 92 Feb., (Letters) 188 Apr., 228 May

COMPONENTS

- Automatic Component Testing, 356 July/Aug.
Camera, Simple Oscilloscope, A. J. Key, 264 June
Compass, Transmitting Magnetic, 65 Feb.
Components Show, French, 164 Apr. — (R.E.C.M.F.), List of Exhibitors 196 Apr., Review 211 May
Dummy Aerials, H. B. Dent, 567 Dec.
Ferrite-Cored Aerials, "Cathode Ray", 463 Oct.
Magnetic Matrix Stores, W. A. Cole, 279 June
Miniaturization and Micro-Miniaturization, G. W. A. Dummer, 545 Dec.
Printed Circuit, 25 sq ft of, 555 Dec.
— Circuits (Letter), 38 Jan., "Diallist" 48 Jan., (Letters) 76 Feb., 123 Mar., 189 Apr., 228 May, 283 June
Resistors in Parallel, M. A. Hammond, 339 July/Aug.
Wavemeter, Transistorized Absorption, G. W. Short, 193 Apr.

DESIGN (Whole Circuits)

- Audiometer, Transistorized, H. J. F. Crabbe and P. Denes, 563 Dec.
Cooling Airborne Electronic Equipment, L. A. Williamson, 87 Feb.
Crystal Calibrator, G. de Visme, 534 Dec.
Dekatron Counter, Reversible, W. K. Hsu, 190 Apr.
F. M. Receiver Using New Dynamic Limiter, J. G. Spencer, 492 Nov.
Feedback Amplifiers as Filters, Thomas Roddam, 274 June
Magnetic Amplifier, "Variable- μ ", C. C. Whitehead, 219 May
Oscillator, Transistor A. F., H. B. Dent, 505 Nov.
—, Voltage-Tuned, G. W. Short, 502 Nov.
Photographic Timer, Inexpensive (Letters), 283 June, 566 Dec.
Save Our Shavers (Letter), 78 Feb.
Transistor Receiver, Designing a, T. Snowball, 366 Sept., (Correction) 433 Oct., 467 Oct.
— Stopwatch, D. E. O'N. Waddington, 521 Nov.
— Tape Pre-amplifier (Letters), 124, 125 Mar.
Valve Characteristics, Displaying, R. G. Christian, 272 June, (Letter) 338 July/Aug.
Wavemeter, Transistorized Absorption, G. W. Short, 193 Apr.
Wien Bridge Oscillators, D. E. D. Hickman, 550 Dec.

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- College of Technologists Set Up (News), 315 July/Aug.
Mc/s and Mc/ms, (Letters) 284 June, 401 Sept.
Mullard Filmstrips and Films (News), 56 Feb.
—, New, 498 Nov.
National Scientific Libraries (News), 106 Mar.
Teaching and Development Aid, 370 Sept.
Words, Words, Words, P. P. Eckersley, 482 Nov., (Correction) 541 Dec.

ELECTRONICS

- Air Show, Paris, 333 July/Aug.
Airshow Electronics, 429 Oct., (Correction) 487 Nov.
"Automath" Exhibition in Paris, 311 July/Aug.
Computer Exhibition, Electronic, 17 Jan.
Computing, New Horizons in, 311 July/Aug.
Ferroelectrics, J. C. Burfoot, 256 June, 326 July/Aug., 458 Oct.
Learning Machines, 8 Jan.
Maser (Ammonia) Progress, 511 Nov.
Masers, "Cathode Ray", 197 Apr., (Letters) 283 June

Mavars, "Cathode Ray", 242 May, (Letter) 337 July/Aug.
 Medical Electronics, Advances in, 385 Sept.
 Missing Signposts, "Cathode Ray", 515 Nov.
 Paramagnetism, "Cathode Ray", 357 July/Aug.
 Pattern Recognition, Automatic, R. L. Grimsdale, 499 Nov.
 Phonetician, Electronics and the, H. J. F. Crabbe, 289 June
 Physical Society's Exhibition, 126 Mar.
 R.H.F., "Cathode Ray", 285 June
 Radiation Belts, "Diallist", 202 Apr.
 Thermoelectric Refrigeration and Power, "Diallist", 418 Sept.
 What Makes Currents Flow?, "Cathode Ray", 25 Jan., (Letters) 124 Mar.

INDUSTRY

American Tube Rebuilding, "Diallist", 48 Jan.
 Avo-Taylor Merger (News), 98 Feb.
 B.I.C.C.-Telcon Link (News), 16 Jan.
 B.R.E.M.A.'s "British Content" Clause (News), 540 Dec.
 B.T.M. and Powers Samas become International Computers and Tabulators (News), 149 Mar.
 Bendix-Cossor Agreement (News), 319 July/Aug.
 Dulci Company taken over by Lee Products (News), 435 Oct.
 E.M.I.-S.T.D. Link (News), 249 May
 Educational Technical Developments Formed (News), 249 May
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 "Gramdeck" Marketed by Andrew Merryfield (News), 249 May
 International Rectifier Co. (Great Britain) formed by International Rectifier and Lancashire Dynamo Holdings (News), 98 Feb.
 Japan's Radio Industry, 7 Jan.
 Making and Selling Valves (Editorial), 205 May
 Microcell Acquired by BTR (British Thermoplastics and Rubber) Industries (News), 98 Feb.
 NEWS FROM THE INDUSTRY, 15 Jan., 98 Feb., 149 Mar., 170 Apr., 249 May, 300 June, 319 July/Aug., 391 Sept., 435 Oct., 489 Nov., 543 Dec.
 Philips Acquire Cossor Radio and Television (News), 249 May
 Pilot Radio Becomes Subsidiary of Ultra Electric (News), 249 May
 Preformations Formed by Plessey and Arnold Engineering (News), 98 Feb.
 Relay Services Association Annual Report (News), 541 Dec.
 Russian TV Production, 491 Nov.
 Sales, U.K. Receiver, 196 Apr., 266 June, 541 Dec.
 TV Totals, "Diallist", 528 Nov.
 Thorn-Philco Agreement (News), 149 Mar.
 Wharfedale Wireless Works Acquired by Rank Organization (News), 319 July/Aug.

MANUFACTURERS' PRODUCTS

A.E.I. Silicon Controlled Rectifiers, 556 Dec.
 Acoustical Investigation and Research Organization Acoustic Measurement Station, 533 Dec.
 Alma Components "Quickclip" Polystyrene Cable Clamp, 569 Dec.
 Sub-miniature Wire-wound Resistors Type RM2, 341 July/Aug.
 American Southwestern Electronics 24-Channel Transistorized Seismic System 473 Oct.
 Armstrong-Whitworth Coaxial Directional Coupler Type A7092, 97 Feb.
 Low-noise U.H.F. Receiver, 300 July/Aug.
 Automa Engineering "Loma" Stabilized Power Supply Unit Type 41, 96 Feb.
 Avo Coil Bonding Timer, 520 Nov.
 Electronic Coil Winder, 341 July/Aug.
 B.T.H. "Escort" Marine Radar, 299 June
 Bell Telephone Laboratories Field Effect Tetrode, 294 June
 Single-wire Shift Register, 80 Feb.
 Stepping Transistor, 402 Sept.
 TASI Multi-channel Telephone System, 451 Oct.
 British Distributing "Bridisco" Switch Cleaner, 96 Feb.
 Bruel and Kjaer Audio-frequency Spectrometer Type 2110, 24 Jan.

Bulgin Miniature Moulded Panel-mounting Signal Lamp, 520 Nov.
 Plug and Jack, 296 June
 Versatile Signal Lamp Fitting Model D788, 247 May
 Burne-Jones "Treble 20" and "Treble Twin" Tweeters, 518 Nov.
 Clare Sub-miniature Relay Type "F", 297 June
 Columbia Broadcasting System Single-Amplifier Stereo, 80 Feb.
 Creators Insulated Craydole Clip, 22 Jan.
 Crompton Parkinson Miniature Long-scale Meters, 247 May
 Davies, H. W., Joint Service Component Specifications, 22 Jan.
 Dawe Instruments Oscillators Types 440 and 441, 96 Feb.
 Daystrom distributed Heathkits, 241 May de Havilland Propellers Automatic Multi-wire Cable Tester, 7 Jan.
 Decca Radar "Deccafax" Flying-spot Transmitter Unit, 299 June
 E.M.I. Electronics Simple Character Recognizer, 79 Feb.
 Eddystone Geared Slow-motion Drive Unit, 97 Feb.
 Electropol Processing Electrolytic Polishing, 161 Apr.
 Elliott Mercury-Wetted-Contact Relay, 451 Oct.
 English Electric Aviation Hybrid Monostable Circuit, 334 July/Aug.
 Fane Acoustics 12-in. H.D. Bass Loudspeaker, 248 May
 Faraday Electronic Instruments Soniscope, 473 Oct.
 GB Electronics Corporation Microwave Infra-Red Detector, 295 June
 G.E.C. Ophitron, 334 July/Aug.
 Gate Electronics Continuous Tape Deck, 295 June
 General Controls Precision Digital Turns Counter, 568 Dec.
 Grampian Reproducers Low-frequency Power Amplifier, 341 July/Aug.
 Guy's Calculating Machines Tape Loop Cassette, 296 June
 Hallatt, Sleight & Cheston "Widney-Dorlec" Rack-mounting System, 296 June
 Heathkits distributed by Daystrom, 241 May
 Hitemp Wires Flexible Ribbon Cable, 160 Apr.
 Hydlemann, L. J., "Stripmaster" Wire-stripping Screwdriver, 341 July/Aug.
 International Rectifier Miniaturized Reference-Voltage Unit, 569 Dec.
 Silicon Solar "Batteries," 505 Nov.
 Standard Solar Cells, 556 Dec.
 Technical Developments Imported Thermo-electric Generator Type T.E.G.1, 342 July/Aug.
 Kelvin-Hughes Marine Radar Display Unit Type 14/16P, 332 July/Aug.
 Transmitting Magnetic Compass, 65 Feb.
 Leland Leroux "Sensitact" Measuring Relays, 247 May
 Lester, J. H., "Cirkit" Assembly Board, 370 Sept.
 M.S.S. Recording Aluminium-Backed Polyester Magnetic Tape, 294 June
 Magnetic Devices Interlocking Relay Type 593, 200 Apr.
 Marconi "Autoplex" Electronic Error-correcting Equipment for Teleprinters, 30 Jan.
 "Consort" Marine Radar, 339 July/Aug.
 Distributed-Amplifier Transmitter, 451 Oct.
 Electronic Velocity Analyser "EVA," 36 Jan.
 Ferrite Isolators, 297 June
 High Efficiency Class-C Power Amplifiers, 334 July/Aug.
 Long-range and Terminal Area Surveillance Radar System, 524 Nov.
 Measuring Oscilloscope Type TF1330, 519 Nov.
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 Mayrick "Easyspic" Magnetic Tape Splicer, 97 Feb.
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Speed Counting Tube Type ET51, 294 June
 Realistic Interference Generator, 508 Nov.
 Multi-Tron Laboratory 170° and 160° Television Tubes, 556 Dec.
 N.S.F. Varicon Connector Kit, 96 Feb.
 Neosid Miniature Toroidal and Pot-Type Coils, 248 May
 New Rochelle Tool Corporation "Thermatool" Tube-welding Machine, 298 June
 Osmabet "Instant" Tape Bulk Eraser, 248 May
 P.A.R. Sub-miniature Relay Type 3000, 22 Jan.
 Perihel Plastic Cable Clip, 297 June
 Philips Electrical Tape Loop Cassette Type EL3963/00, 568 Dec.
 (Ireland) Closed-Circuit Television, 504 Nov.
 Pye 17-inch Transportable Receiver with 110° Scanning Model PV110, 23 Jan.
 Telecommunications F.M. Transmitter, 506 Nov.
 R.C.A. (Great Britain) Sound Equipment at Stratford-on-Avon, 340 July/Aug.
 R.C.A. Laboratories (America) Annular Electron Gun, 79 Feb.
 R.E.E. Telecommunications "Communicator Mark 2" 2-metre Amateur Transmitter-receiver, Microphone and Power Unit, 518 Nov.
 Rendar Instruments "Safebloc" Mains Connector, 569 Dec.
 Sanders (Electronics) X-band Isolators, 342 July/Aug.
 Sealectro "Conhex" Sub-miniature Coaxial Connectors Types 3000 and 3001, 518 Nov.
 Servo Consultants Very Low Frequency Generators Models 110 and 111, 519 Nov.
 Siemens Edison Swan Frame Scanning Valves Types 30P18 and 30PL13, 73 Feb.
 110° CR Tubes Types CME 1703 and CME2101, 73 Feb.
 Smith (Radiomobile) Transistorized Car Receivers Models 500T, 50T, 52T and 502T, 519 Nov.
 Societe Anonyme de Machines Electrostatiques High-Voltage Generator, 232 May
 Sony Corporation Transistor F.M. Portable Model TFM151, 192 Apr.
 Sound Developments "Editape" Magnetic Tape Splicer, 248 May
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 Sperry Gyroscope Electronic Chronometer, 466 Oct.
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 Submarine Cables Light-Weight Submarine Cable, 452 Oct.
 Svenska Flygmotort Aktiebolaget Vibrating Pressure Transducer, 451 Oct.
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 Taylor Electrical Instruments Multi-range Meter Model 100A, 298 June
 Technical Suppliers 3 1/2 in/sec Tape Recordings, 154 Mar.
 Thermionic Products "Elac" Stereo Pickups Types STS200D and STS300D, 297 June
 Thompson (Instruments) Combined Capacitance and Resistance Decade Box, 520 Nov.
 Diode Test Meter Type ED8, 518 Nov.
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 Amateur Electronic Organ Society, (Letter), 401 Sept.

Audio Fair, Autumn at Harrogate, List of Exhibitors (*News*), 388 Sept., Review 539 Dec.

— London, List of Exhibitors, 159 Apr., Review 225 May

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B.B.C. Annual Report (*News*), 486 Nov.

B.R.E.M.A. Audio Group Formed (*News*), 208 May

— Council (*News*), 267 June

Brit.I.R.E. Council (*News*), 13 Jan., 541 Dec.

— Television Convention at Cambridge, 335 July/Aug.

C.C.I.R. Study Groups (*News*), 432 Oct.

Canutes of the Air (*Editorial*), 155 Apr.

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COSPAR, Committee on Space Research, Set Up (*News*), 12 Jan.

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Electronic Computer Exhibition, 17 Jan.

Eurovision—Five Years (*Editorial*), 305 July/Aug.

Exhibition and Conference Dates for 1959, 47 Jan., 251 May, 361 July/Aug.

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I.A.E.S.T.E. Annual Report (*News*), 12 Jan.

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— Stereophony, 239 May

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— Council (*News*), 316 July/Aug.

— Electronics and Communications Section Committee (*News*), 316 July/Aug.

— Membership (*News*), 389 Sept.

— New Title for Radio Section (*News*), 106 Mar.

— Premiums, 517 Nov.

Institute of Navigation Annual Report (*News*), 487 Nov.

— Gold Medal to J. E. Clegg for Doppler Navigation (*News*), 487 Nov.

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— Congress on Acoustics, 426 Oct.

— Federation for Medical Electronics Formed (*News*), 315 July/Aug.

— Instruments Show, Fifth, List of Exhibitors, 174 Apr., Review 206 May

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— Reminders (*Letter*), 124 Mar.

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National Committee on Space Research Formed (*News*) 208 May

— Federation of Gramophone Societies' Conference, 284 June

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— Information Processing Conference, 311 July/Aug.

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— Radio Hobbies Exhibition, Review 10 Jan., List of Exhibitors (*News*), 432 Oct.

Radio Industry Exhibitions Formed (*News*) 167 Apr.

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Society of Environmental Engineers Formed (*News*), 389 Sept.

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— Exhibition, List of Exhibitors, 120 Mar., Review 158 Apr.

V.A.S.C.A.—Electronic Valve and Semiconductor Manufacturers' Association Formed (*News*), 540 Dec.

Vacuum Science—Joint British Committee for Vacuum Science and Technology Formed (*News*), 541 Dec.

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