

SUBJECT INDEX

1964

ACOUSTICS

A "Purist" Tackles Room Acoustics; J. W. Linsley. April p. 19.

AMPLIFIERS

A Direct Approach to Q-Point Stabilization; Frank W. Brands. April p. 44.

A Houseful of Hi FI; Herbert M. Honig. March p. 42.

A New Triode Amplifier; Robert M. Voss and Robert Ellis. July p. 22.

All Silicon Tape Playback Preamps and Recording Circuit; John Abajian and Dwight V. Jones. Oct. p. 22.

Class-D for Efficiency; Peter A. Stark. Part I, June p. 23; Part II, July p. 24; Part III, Aug. p. 23.

Intermodulation Distortion—Pros, Cons, and Hows; Mannie Horowitz. Jan. p. 38.

Low-Cost High-Performance Volume Compressor; S. S. Andrews. Dec. p. 19.

Power; Mannie Horowitz. March p. 25.

The El Cheapo 2-30; R. R. Moore. Nov. p. 19.

CROSSOVERS

Transient Performance of Loudspeaker Dividing Networks; Robert M. Mitchell. Jan. p. 24.

CURVE PLOTTING

A Note on Curve Plotting; Virginia Rettinger. Sept. p. 24.

DISTORTION

Bad Sound From Great Composers; Lewis A. Harlow. Feb. p. 21.

Intermodulation Distortion—Pros, Cons, and Hows; Mannie Horowitz. Jan. p. 38.

Reducing Distortion in Stereo Phonograph Systems; J. G. Woodward. Part I, Feb. p. 23; Part II, March p. 28.

Transient Generators for Audio Testing; John L. Grauer. Sept. p. 22.

EQUIPMENT PROFILES

Acoustic Research

ADC Loudspeaker, Brentwood 303A; Nov. p. 68.

ADC Stereo Pickup, Point Four; March p. 52.

Alec Lansing Stereo Amplifier Model 360A; April p. 40.

Ampex Stereo Tape Recorder Model 2070; Sept. p. 46.

Barker & Williamson Audio Oscillator Model 210; July p. 32.

Barker & Williamson Distortion and A.C. Volt Meter Model 410; Sept. p. 46.

Bell Solid-State Receiver Imperial 1000; May p. 46.

Bogen

Cipher Denon 8000 Tape Recorder; Jan. p. 46.

Clark Stereo Headphones Model 100; Feb. p. 40.

Concord Tape Recorder Model 884; March p. 50.

Dynaco—B & O Stereo Ribbon Microphone Model 200; June p. 37.

Dynaco Stereo Control Amplifier SCA-35; March p. 52.

EICO IM-Harmonic Distortion Meter Model 902W; Feb. p. 40.

Electro-Voice Microphone Model 644; Oct. p. 112.

Electro-Voice Speaker System Model Six; April p. 42.

Empire Stereo Pickup Model 880-P; April p. 63.

Fisher 3-Way Speaker System Model XP-10; March p. 54.

Furn-a-Kit Equipment Cabinet Kit 2600 Series; March p. 56.

Goodmans Loudspeaker System Maximum 1; Nov. p. 66.

Harman-Kardon 1000 Series Tuner and Amplifier F1000T, A1000T; June p. 37.

Harman-Kardon Transistorized Stereo Receiver Model SR-900; Oct. p. 88.

Heathkit Regulated Power Supply Model IP-20; Sept. p. 48.

James B. Lansing "Olympus" Speaker System Model C-50; June p. 37.

Magnecord Stereo Tape Recorder Model 1024-HF; Nov. p. 66.

McIntosh FM-Stereo Tuner Model MR67; Feb. p. 38.

OKI Stereo Tape Recorder Model 555; Oct. p. 90.

PML Condenser Microphone Model EC-61; March p. 56.

RCA Ribbon Microphone Model SK-46; July p. 34.

H. H. Scott FM-Stereo Tuner-Amplifier Model 340-B; Jan. p. 45.

H. H. Scott Solid-State FM-Stereo Tuner Model 312; July p. 32.

Shure Stereo Cartridge V-15, May p. 48.

Stanton Stereotable System, Model 800B Jan. p. 44.

Thorens Automatic Turntable TD-224; May p. 48.

Uher Portable Recorder Model 4000 Report-S; April p. 38.

Weathers

FANTASY

Basic Questions and Answers; Christopher Faye. Feb. p. 36.

Hi Fi and the British; Alan Watling. June p. 53.

Hi Fi and the British: Privacy; Alan Watling. Sept. p. 38.

FM

A Solid-State Ultra-Linear Wideband FM Demodulator; Ralph Glasgal. May p. 25.

A Transistor FM Squelch; K. E. Springer. March p. 21.

Tuner Alignment for Quality FM Reception; Arthur L. Boynton. July p. 19.

GENERAL

Bad Sound From Great Composers; Lewis A. Harlow. Feb. p. 21.

IITRI; R & D for the Tape Industry; Robert Angus. Sept. p. 26.

LAW

Freedom of Speech, Sound Trucks and the Constitution; Albert Woodruff Gray. April p. 32.

Tape Recorders and the Copyright Law; Eric Darmstaedter. May p. 50.

LOUDSPEAKERS

An Engineer Looks at Exponential Horns; W. A. Dodge. Nov. p. 30.

Automatic Speaker Connector; Ronald L. Ives. Sept. p. 19.

Central-versus-Distributed Loudspeaker Systems; David L. Klepper. June p. 19.

Techniques of Making Live-versus-Recorded Comparisons; Edgar Villchur. Oct. p. 34.

Telstar-Shaped Electrostatic Speakers; R. J. Matthys. Part I, May p. 19; Part II, June p. 23.

Ton-and-a-Quarter of Sound; Walter Wysoczanski. Jan. p. 19.

Transient Performance of Loudspeaker Dividing Networks; Robert M. Mitchell. Jan. p. 24.

MICROPHONES

A Ribbon Microphone for Stereo; E. R. Madsen. April p. 26.

MUSICAL INSTRUMENTS

An All-Electronic Method for Tuning Organs and Pianos; A. M. Seybold. Part III, March p. 22. (Parts I and II appeared in 1963.)

An Electronic Organ Design; Winthrop S. Pike. Part I, Oct. p. 19; Part II, Nov. p. 24.

Electronic Organ Tone Coloring. D. Wolkov Dec. p. 25.

RECORDING

A Note on Curve Plotting; Virginia Rettinger. Sept. p. 24.

A Re-Recording Filter; H. E. Riekels, Jr. Feb. p. 35.

All Silicon Tape Playback Preamps and Recording Circuit; John Abajian and Dwight V. Jones. Oct. p. 22.

Low-Cost High-Performance Volume Compressor; S. S. Andrews. Dec. p. 19.

Master Timer; William G. Dilley. Feb. p. 19.

Recording a Community Music Festival; Gil Daney. March p. 19.

Recording the Muse on Tape; Arthur C. Matthews. Dec. p. 21.

Reducing Distortion in Stereo Phonograph Systems; J. G. Woodward. Part I, Feb. p. 23; Part II, March p. 28.

Stereo Disc Recording Comes of Age; Duane H. Cooper. Jan. p. 30.

Techniques of making Live-versus-Recorded Comparisons; Edgar Villchur. Oct. p. 34.

The Elliptical Stylus; J. Kogen and R. Samson. May p. 33.

Tape Recorders and the Copyright Law; Eric Darmstaedter. May p. 50.

The RCA Victor "Dynagroove" System; Harry F. Olson. Part I, Nov. p. 22; Part II, Dec. p. 44.

RELAYS

Automatic Speaker Connector; Ronald L. Ives. Sept. p. 19.

Very Low Voltage Relay Operation. Ronald L. Ives. Jan. p. 36.

REMOTE CONTROL

Automatic Speaker Connector; Ronald L. Ives. Sept. p. 19.

Controlling Sound-Reinforcement Systems Automatically; David Klepper. April p. 22.

Very Low Voltage Relay Operation. Ronald L. Ives. Jan. p. 36.

SOUND REINFORCEMENT

A Basic Course In Commercial Sound; Norman Crowhurst. Chap. I, April p. 33; Chap. II, May p. 41; Chap. III, June p. 33; Chap. IV, July p. 28; Chap. V, Aug. p. 19; Chap. VI, Sept. p. 35; Chap. VII, Oct. p. 75; Chap. VIII, Nov. p. 43; Chap. IX, Dec. p. 38.
Central-versus-Distributed Loudspeaker Systems; David L. Klepper. June p. 19.
Controlling Sound-Reinforcement Systems Automatically; David Klepper. April p. 22.

TEST EQUIPMENT

Intermodulation Distortion—Pros, Cons, and Hows; Mannie Horowitz. Jan. p. 38.
Power; Mannie Horowitz. March p. 25.
Transient Generators for Audio Testing; John L. Grauer. Sept. p. 22.

TRANSISTORS

A Direct Approach to Q-Point Stabilization; Frank W. Brands. April p. 44,

A Solid-State Ultra-Linear Wideband FM Demodulator; Ralph Glasgal. May p. 25.
A Transistor FM Squelch; K. E. Springer. March p. 21.
All Silicon Tape Playback Preamps and Recording Circuit; John Abajian and Dwight V. Jones. Oct. p. 22.
Class-D for Efficiency; Peter A. Stark. Part I, June p. 23; Part II, July p. 24; Part III, Aug. p. 23.
The El Cheapo 2-30; R. R. Moore. Nov. p. 19.