

SUBJECT INDEX

1961

AMPLIFIERS

Amplifiers with positive and negative feedback; Charles P. Boegli. Apr. 18
Another power amplifier! R. A. Greiner. Sept. 19.
Feedback techniques in low-level amplifiers; Donald L. Shirer. May 19.
Stereo-plus-center to two recording channels; Harold Reed. Nov. 28.
Switching mono to stereo, to stereo plus center; Harold Reed. Sept. 50.
Triode operation of KT88's; Robert M. Voss and Robert Ellis. Mar. 30.
Vacuum-tube OTL amplifier; M. W. P. Strandberg. Dec. 18.

BOOK REVIEW

"Noise Reduction," Leo L. Beranek, editor. June 68.

BROADCASTING

Low-cost stereo conversion for studio console; C. G. McProud. Nov. 44.

CABINETRY

A case for the custom console; F. H. Jackson. Feb. 18.

COMPUTERS

Computers in audio design; R. G. Buscher. I, Feb. 22; II, Mar. 22.

ENCLOSURES

Maximum fun, medium fi, minimum cost; L. F. Goeller. Apr. 38.
#4, 80 pounds, a Super-8, and the shim method; John L. Grauer. Jan. 19.

EQUALIZATION

Interconversions of various equalization terminology; Kenneth Betsch. Mar. 19.
Equipment failure alarms; Allan M. Ferres. Dec. 42.

EQUIPMENT PROFILES

Audio Dynamics ADC-1 cartridge; May 52.
Altec 838, 845 loudspeakers; Apr. 52.
Astatic "Cantata" cartridge 45D; Sept. 62.
Bogen RP-40A AM-FM stereo receiver; Oct. 60.
Crosby R80 AM-FM stereo receiver; June 48.
Dual 1006-Custom record changer; Oct. 64.
Dynatuner FM-1 FM tuner; July 34.
EICO ST-40 stereo amplifier; May 50.
EICO ST-96 FM-AM stereo tuner; Sept. 60.
Electro-Voice Patrician 700 and Stereon 200 speakers; Jan. 39.
Empire "Troubador" turntable system; Nov. 62.
Ercona "Nordic I" loudspeaker; Feb. 56.
Fairchild 440-2 turntable; Feb. 52.
Fairchild 510 "Compander"; Nov. 66.
Fisher FM-200 FM tuner; May 46.
Fisher X-1000 stereo amplifier; Sept. 60.
Fisher XP-4 loudspeaker system; June 42.
Garrard Type A record changer; May 48.

Goodmans "Alpha" speaker system; May .
Gray 208-S/16 professional phono arm; Oct. 62.
Harman-Kardon Citation III tuner kit; Jan. 38.
Jensen TF-3 loudspeaker system; July 38.
Korting 158S tape recorder; Sept. 58.
Lafayette KT-550 power amplifier kit; June 44.
Lafayette KT-650 FM-tuner kit; Oct. 59.
Lafayette RK120 miniature tape recorder; Mar. 40.
Luxor "Magnefon" MP410A tape recorder; Dec. 50.
Marantz Model 7 stereo preamp; Apr. 48.
Miracord Studio H turntable-changer; Sept. 56.
Neshaminy Jan-Kit 41 speaker system kit; Mar. 40.
Neumann DST stereo cartridge; June 46.
Neumann PA2a turntable; June 46.
Norelco "Continental 200" tape recorder; Nov. 62.
Ortofon SMG-212 phono arm and SPU/GT stereo cartridge; Dec. 56.
Paco RT-45PA stereo tuner kit; Mar. 38.
"Realistic" Model 210 stereo power amplifier kit; Dec. 52.
Roberts Model 990 tape recorder; July 36.
Sargent-Raymont SR-8000 stereo tuner-preamp; Feb. 48.
Sargent-Raymont SR-202 reverberation unit; Feb. 48.
Schober "Autotuner" organ tuner kit; Dec. 58.
Scott LT-10 FM tuner kit; Feb. 54.
Scott S-2 loudspeaker system; Oct. 60.
Sherwood S-2200B AM-FM stereo tuner; Apr. 46.
Shure M212 and M216 Studio Dynetic stereo cartridge and arm; Feb. 50.
Sonotone S2 ceramic stereo cartridge; Oct. 62.
Sony TFM-121A transistorized portable AM-FM receiver; July 38.
Thorens TD-124 turntable; Dec. 54.
University Classic II loudspeaker system; Nov. 64.
Viking "76 Compact" tape recorder; June 48.
Weathers K-834 2-speed turntable and pickup system; Apr. 50.

FANTASY AND FICTION

Confessions of a high-fidelity widow; Christopher Fay. May 24.
One step at a time; Burt Hines. Sept. 54.

FEEDBACK

Amplifiers with positive and negative feedback; Charles P. Boegli. Apr. 18.
Feedback techniques in low-level amplifiers; Donald L. Shirer. May 19.

FM-STEREO

Filters for FM-stereo; Norman H. Crowhurst. Aug. 26.
Signal sampling for FM stereo; R. Shottenfeld and S. Abilock. Dec. 22.

An FM-stereo adapter - the GE System; Antal Csicsatka and Robert M. Linz. June 24.
FM-multiplex stereo adapter; Daniel R. von Recklinghausen. June 21.
Product detector for FM-stereo; Fred L. Mergner. Aug. 23.
Synchronous oscillator FM-stereo adapter; Leonard Feldman. July 25.
Time-division approach to FM-stereo; Carl G. Eilers. Aug. 20.
What hath FCC wrought? David Saslaw. June 18.

LOUDSPEAKERS

Common-bass stereo speaker system; Francis F. Chen. Nov. 19.
Hanging hi-fi system; Harold C. Mangels. Dec. 46.
Line Radiator; R. J. Pawlowski. July 11.
Loudspeaker design; Norman H. Crowhurst. Feb. 36.
Loudspeaker magnet design; Norman H. Crowhurst. Sept. 44.
Maximum fun, medium fi, minimum cost; L. F. Goeller. Apr. 38.
#4, 80 pounds, a Super-8, and the shim method; John L. Grauer. Jan. 19.
Performance of series-parallel speaker arrays; James F. Novak. Sept. 23.
"Reflection Coupler" gives stereo spread; Leon J. Knize. June 30.
Submarine sonics; Victor L. Brociner. July 22.
To phase or not to phase; R. A. Snape. July 32.

MUSICAL INSTRUMENTS

Electronic organ tuning; H. D. Herlocker. Dec. 30.
The electronic organ—high fidelity musical instrument. David Wolkov. Nov. 35.

PATENTS

Loss of patent by prior use or sale; Albert Woodruff Gray. Oct. 50.
Patent applications and the taint of public use; Albert Woodruff Gray; Mar. 34.

POWER SUPPLIES

Regulate that voltage; William G. Dilley. Jan. 28.

PREAMPLIFIERS

Designing a transistorized preamp; R. J. Bosselaers. Jan. 24.

PSYCHOACOUSTICS

Ersatz stereo unlimited; C. H. Malmstedt. Feb. 20.
How high is fi? George Fletcher Cooper. May 40.
"Sineward" distortion in high fidelity amplifiers; John W. Campbell. Nov. 52.
Speaker power; Paul W. Klipsch. Oct. 54.
Stereo misconceptions; James C. Cunningham; Sept. 38.
To phase or not to phase; E. A. Snape. July 32.

The indispensable engineer; Norman H. Crowhurst. May 36.

RECORDING, MAGNETIC

Characteristics of tape noise; William B. Snow. Feb. 26.
"Fidelimatic" tape recording system; John Whitacre. Oct. 19.
Tape copying—home style; R. A. Joss. Dec. 35.
Tape indexing; Jerry Lerner. Jan. 22.
Understanding the tape oscillator; Herman Bui-stein and Henry C. Foliate. Feb. 28.

RECORDING TECHNIQUES

More about recording perspective; William G. Dilley. July 28.
Recording perspective; William G. Dilley. Apr. 32.
Stage sound; Richard S. Levy. May 26.
Stereo-plus-center to two recording channels; Harold Reed. Nov. 28.

REVERBERATION

Artificial reverberation; Fred L. Mergner. Apr. 28.

STEREO

Filters for FM-stereo; Norman H. Crowhurst. Aug. 26.
Signal sampling for FM stereo; R. Shottenfeld and S. Abilock. Dec. 22.
FM-stereo adapter—the GE System; Antal Csicsatka and Robert M. Linz. June 24.
FM-Multiplex stereo adapter; Daniel R. von Recklinghausen. June 21.
Product detector for FM-stereo; Fred L. Mergner. Aug. 23.
Synchronous oscillator FM-stereo adapter; Leonard Feldman. July 25.
Stereo misconceptions; James C. Cunningham. Sept. 38.
Switching mono to stereo, to stereo plus center; Harold Reed. Sept. 50.
Time-division approach to FM stereo; Carl G. Eilers. Aug. 20.

To phase or not to phase? E. A. Snape. July 32.
What hath FCC wrought? David Saslaw. June 18.

SYSTEMS

Low-cost stereo conversion Cor studio console. C. G. McProud. Nov. 44.
A unique motel installation; Bob Kampf. Mar. 20.

TEST EQUIPMENT

FM sweep alignment unit—austerity model; Allen R. Greenleaf. Oct. 42.

TRANSISTORS

Designing a transistorized preamp; R. J. Bosselaers. Jan. 24.
A feel for transistors; L. F. Goeller. Oct. 35.
Transistor protector; George Fletcher Cooper. Dec. 38.