Kino-Technik

vol. 8, Jan. 1954

Bedeutung und Ausführung des Tricks (p. 2) *H. Burdich*

Tier- und Pflanzenfilme auf Ferrania-Color-Material (p. 7) *G. Beissert*

Messkinematographische Aufnahmen mit dem Kurvenauswertgerät: "Messkineautograph" (p. 8)

Störungen bei der Vorführung von Tonfilmen (p. 12) *H. Tümmel*

Rundgang durch die italienischen Ateliers (p. 14) *E. Monachesi*

vol. 8, Mar. 1954

Photo-, und Film-Aufnahmeverfahren vom Luftfahrzeug aus. (p. 58) *H. Atorf*

Kino-Farbfilmaufnahmen in grösseren Meerestiefen (p. 62) *D. Rebikoff*

CinemaScope-Wände—Grössenbestimmung und Aufstellung (p. 66) *W. Struve*

Anamorphotische Optik—die Grundlage für CinemaScope (p. 69) *H. Kohler*

Motion Picture Herald (Better Theatres Sec.)

vol. 194, Feb. 6, 1954

Drive-In Designed for "Daylight" Projection (p. 48)

A Dictionary of Maintenance (p. 61) *C. Mees*

vol. 194, Mar. 6, 1954

Projection Room Procedure With CinemaScope Type Film (p. 31) *G. Gagliardi*

PSA Journal

vol. 20, Mar. 1954

Motion Pictures With Magnetic Sound (p. 24) *M. Camras*

Radio & Television News

vol. 51, Mar. 1954

The Chromatic Color Picture Tube (p. 52) *W. H. Buchsbaum*

vol. 51, Apr. 1954

Fundamentals of Color TV. The NTSC System (p. 59) *M. S. Kiver*

Revue du Son

no. 4–5, July–Aug. 1953

Les microphones: principes et caractéristiques des divers types (p. 147) *R. Lehmann*

Le controle électro-acoustique au cinéma. Essais sur films (p. 171) *C. Soulé*

no. 6, Sept. 1953

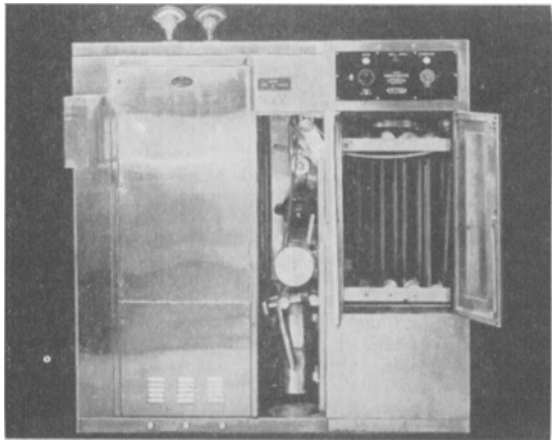
Les microphones: principes et caractéristiques des divers types (p. 193) *R. Lehmann*

La production des films en stéréophonie (p. 207) *L. Martin*

Un second amplificateur "son" pour la télévision (p. 217) *L. Chrétien*

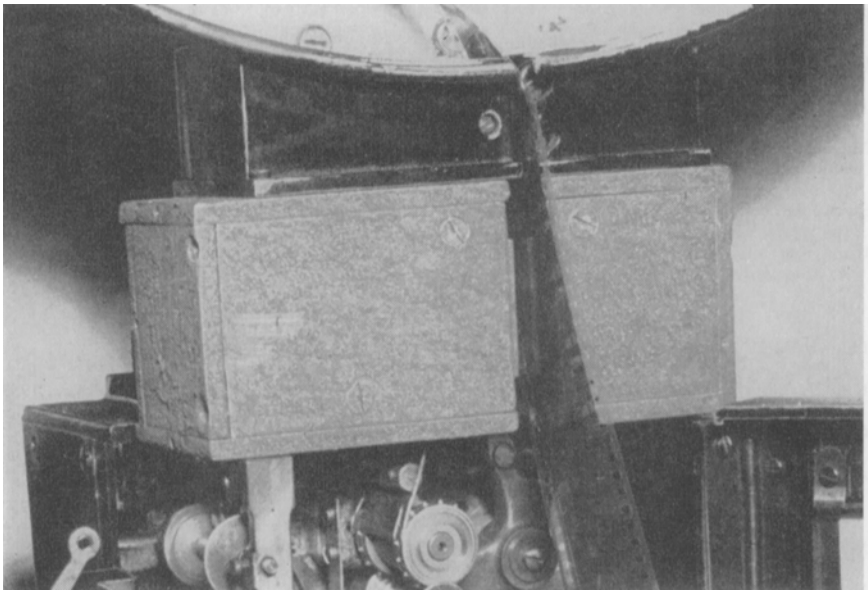
New Products

Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products.



A new multipurpose film processor for 16mm, 35mm or 70mm film is announced by the Oscar Fisher Co., Peekskill, N.Y. The processor is designed for daylight operation and will process films of any length, perforated or unperforated.

Specifications are: dimensions 7 ft × 24½ in. × 7 ft high; processing speed adjustable from 1 fpm to 50 fpm; jet spray system; recirculation of 5 gal per chemical bath with automatic replenishment; stainless steel cabinet; adjustable thermostatic temperature controls to 120°; Fisher Anhydrator system of heatless drying; 290 ft of film or leader required for machine capacity; operates on standard 110-v, 60-cycle line, 1500-w maximum load. By addition of extra "wet" cabinets either reversal or color films can be processed.

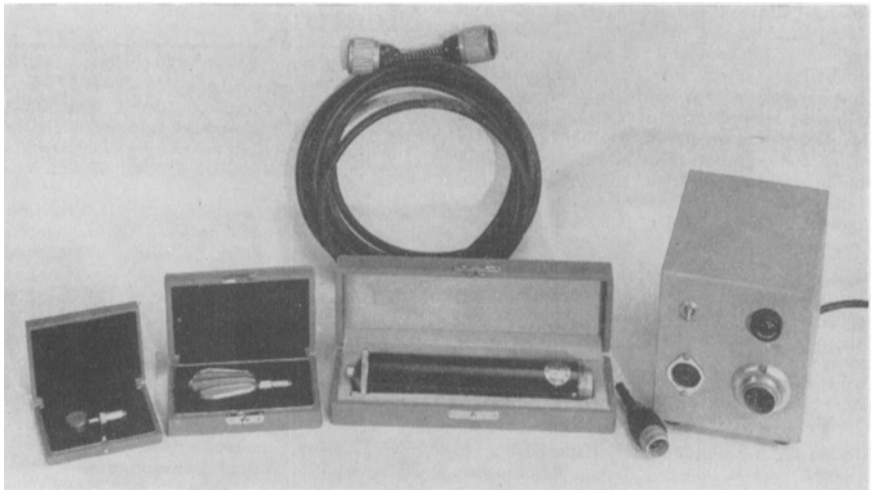


Panaphonic sound is a new low-cost stereophonic sound system developed by Dorsett Laboratories, Inc., Norman, Okla. The equipment operates on a binary signal system from darkened intersprocket spaces at both edges of the film, sensed by two small photocells whose amplified outputs operate relay tubes to provide four loudspeaker combinations — center, right or left horns, and all speakers including side and rear of the auditorium. The system is designed to be compatible with present sound systems and does not affect picture projection.

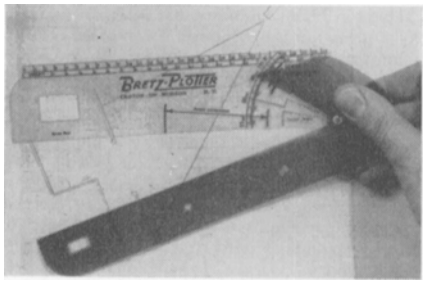
The cue lead is adjusted by the timing circuit to conform to all types of projectors which are currently used. An integrating circuit together with the filter also serves to eliminate spurious cues due to film splices or other causes. In order to permit addition of cue marks to prints already in release, a special automatic cuing machine has been developed which applies a dye to the intersprocket spaces, dries it and rewinds the takeup reel. In the case of new prints, the cue marks can, of course, be darkened photographically.

A new drive-in theater stereophonic sound system has been demonstrated by Dorsett Laboratories, Inc., Norman, Okla., avoiding the use of multiple audio circuits and a plurality of audio amplifiers. The signals from the soundtracks are picked up and amplified in the usual single high-powered audio amplifier used in all drive-in theaters. In addition, certain control signals are picked up from the film or otherwise introduced. The loudspeaker to go in the automobile consists of three small dynamic loudspeakers installed in a single enclosure and alternately or simultaneously connected to the output of the single audio amplifier through a suitable relay controlled by the directive effect control signals. By this means signals from the soundtrack can be directed to the center speaker for dialog, to the left speaker for left screen sounds, to the right speaker for right screen sounds, or to all speakers simultaneously for surround effects. The new speakers may also be used with three-circuit stereophonic systems by adding another pair of wires. These may be combined with the existing audio pair to provide three audio circuits; four wires with one a common return. In this case, three separate channels and amplifiers are used, as in regular stereophonic sound.

The Schall-Technik Condenser Microphone CM 51, with power supply, is distributed here by Reeves Equipment Corp., 10 E. 52 St., New York 22. Frequency response is claimed to be uniform throughout the range of 30–18,000 cycles, and transient oscillations to be absent. Its construction is designed to make it insensitive to moisture, temperature and mechanical accelerations. Two pickup patterns are available, cardioid and nondirectional. The head capsules for each pattern are plug-in and can be purchased separately. The high output of this system permits operation at considerable dis-



tances from the mixer without impairing the frequency response and with freedom from inductive pickup in the cables.



The Bretz-Plotter, described as "the TV director's slide rule," is a new shot-plotter for laying out a new set or new camera placements. It can be used to measure angles, distance from camera, height of scene, or size of sets or props, and to indicate horizontal angle of view of all TV lenses, range of principal Zoom lenses, maximum and minimum extensions of mike boom, and vertical angles of view of standard lenses. The plotter is designed to help in determining the lens required for a given shot, the camera position required, the shot resulting from given camera position and lens, the position of mike boom base, and the height of shot at any distance from the camera. The price is $3.00, or $2.50 apiece for quantities of 10 or more, available from Rudy Bretz, Television Consultant, Park Trail, Croton-on-Hudson, N.Y.

Employment Service

These notices are published for the service of the membership and the field. They are inserted for three months, at no charge to the member. The Society's address cannot be used for replies.

Positions Wanted

Motion-Picture Television Technician: 10 yr intensive skill and know-how related to 16-35mm cinematography, animation, recording (optical, tape, disk), editing, laboratory processing practice (black-and-white, color); also kinescope recording techniques; self-reliant; inventive; relocate if required; write: CMC, c/o Penning, 435 E. 74th St., New York 21, N.Y.

Electronics Engineer: B.S.E.E., 3 yrs chemical engineering, 2 yrs graduate work in physics. Currently working on Masters Degree. Engaged in gaseous electronics research, experienced in design and development of electronic instrumentation, installation and operation of automatic recording temperature control systems, vacuum system technique, maintenance and repair of all types of electronic equipment. 4 yrs retail business experience. Possess ability to write clear, concise reports. Interested in the motion picture, both artistically and technically. Desire position with organization in Los Angeles area preferably engaged in motion-picture production. Expect to be in Los Angeles area in late summer this year. Request interview. Member, IRE, SMPTE, Fla. & Nat. Soc. of Prof. Engs. Registered Engineer in Training State of Florida. Age, 28; unmarried. Write: Berel David Solomon, Box 274, Univ. Station, Miami, Fla.