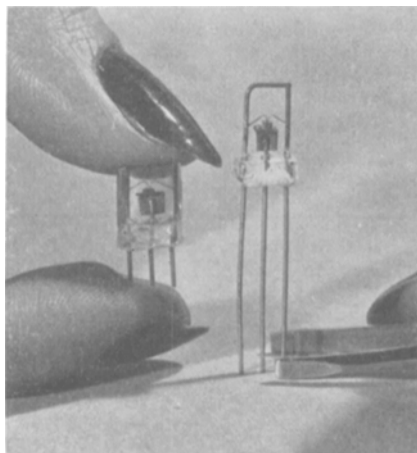
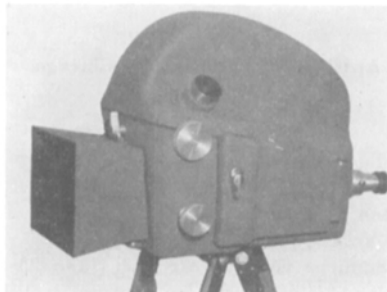


New Products

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 developmental transistor was unveiled to the daily press during the last week of February, and the Camden, N.J., press department of RCA-Victor has released the accompanying photograph, which shows, in approximate life size, a transistor in an advanced stage of construction (right) and the finished transistor, with its components embedded in a protective casing of plastic (left). This transistor, based on the Bell Telephone Laboratories' development, is designed to perform many of the functions of a vacuum tube and can substitute for it in many applications. Because of its minute size and low power requirements, it is expected that it will make possible an important reduction in the size of many electronic devices used for television, radar and hearing aids.



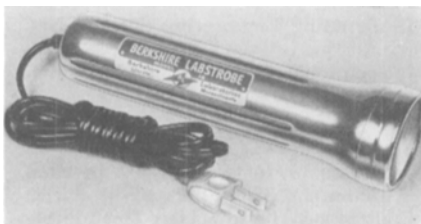
A light-weight sound-proof blimp for the Arriflex camera has been announced by Kadisch Camera & Sound Equipment Co., 128 West 48th St., New York 19, N.Y., manufacturer of the Arriflex. The blimp has an external control for follow-focus, and a built-in synchronous motor, and accepts 200- and 400-ft magazines. A new extension eyepiece through the blimp permits viewing through the lens during shooting. The new blimp is easily accessible for rapid changing of magazines.

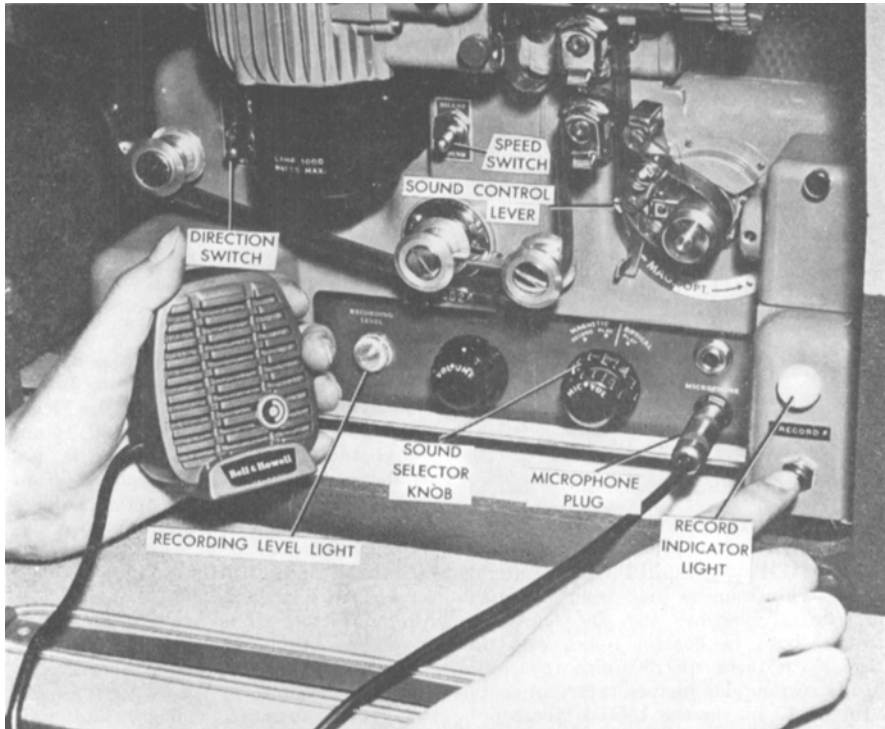
The Berkshire Labstrobe, Model 18, has been designed as a small, light, economical stroboscope unit, using a standard neon bulb. It is available from the Berkshire Laboratories, 546 Beaver Pond Rd., Lincoln, Mass., with specifications:

Power source 115-v, 60-cycle, a-c
Power consumption less than 1 w
Flashing rate 60 cycles/sec
(determined by line frequency)
Flash duration approx. 100 μ sec
(measured at 50% of peak intensity)
Net price, f.o.b. Lincoln, Mass . . \$9.95

The manufacturers suggest that it will prove useful for determining the speeds

of rotation of motors, machines, phonograph turntables and other objects. The instrument is housed in a chromium-plated case and is the same size as a standard two-cell flashlight.



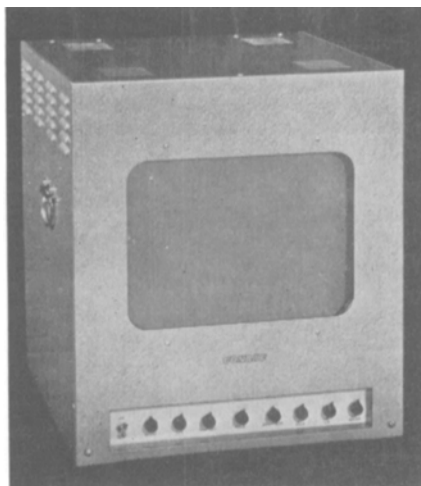


The Bell & Howell Filmosound 202 16mm optical-magnetic recording projector is now being marketed to non-professionals to make possible movies with sound at a cost of \$200 for a 10-min film. Bell & Howell particularly emphasizes the usefulness of such an assembly to small manufacturing or marketing companies which make use of training and sales films, to educational and church users, to those who wish to exhibit films in a number of languages or dialects (as in India), etc.

The Filmosound magnetically records, plays back and erases, while the film is being projected, on single perforated color or black-and-white film which has been magnetically striped. Bell & Howell says that their Soundstripe will outlast the film, may be re-recorded indefinitely, and may be economically applied to the film at a cost of 3¼¢ a foot. The Filmo-

sound, which costs \$699 with a 6-in. speaker contained in the case, operates for recording at either 16 or 24 frames/sec. A 12-in. auxiliary speaker is also available. Although the sound quality is better at 24 frames/sec, Bell & Howell reports that either gives acceptable results, equal to or better than commercially available disc recordings.

◆ Soundstripe, which is a magnetic iron oxide stripe, may be striped over the full sound track area of single-perforated film; thus silent movies taken or duplicated on single-perforated film or optical sound film with obsolete sound tracks can be treated with full Soundstripe. Or half the sound track on optical film may be processed with the magnetic stripe, thus making it possible to record and play back the magnetic track or play back the optical sound track.



The Utility Television Monitor Model CA16 is now being produced by Conrac, Inc., 19217 East Foothill Blvd., Glendora, Calif. This monitor has been designed for general purpose use by television studios, both in control rooms and on stage, with these specifications reported: a fully rectangular picture presentation of 9 in. X 12 in. on the 16GP4 kinescope; wide-band video amplifier with a smooth

roll-off above 7 mc; and a total of 14 tubes in addition to the kinescope.

Design features planned for the convenience of operating personnel are: coaxial input connectors and a switch to select either composite video, or separate video and composite sync; both inputs equipped with parallel receptacles for multiple connection; heavy-gauge steel cabinet housing with carrying handles; and a removable front to facilitate cleaning the kinescope face and the protecting safety glass.

The 1952 Catalog of Films From Britain is now available upon request to British Information Services, 30 Rockefeller Plaza, New York 20, N.Y. Nearly 300 16mm sound films are described. These are available as rentals or purchases from regional British Information Services offices and some dealers. In addition to a descriptive listing of all general and specialized films, the British Information Services reports that the special section "The Motion Picture—The Art and Its Artists (Experimental and Classic Documentaries, including Academy Award Winners)" was added in response to the requests of the many film societies, colleges and universities.

Six American Standards have been added to the Motion Picture Set of 60 which the Society has had available for sale. To holders of the present set the Society has made available the six new standards: PH22.11-1952, PH22.24-1952, PH22.73-1951, PH22.74-1951, PH22.76-1951 and PH22.82-1951. The price is \$1 plus 3% sales tax on deliveries in New York City.

The new set of 66 standards in a heavy three-post binder with an index is available at \$14.50 plus 3% sales tax on deliveries in New York City; foreign postage is \$.50 extra.

All standards in sets only are available from Society Headquarters. Single copies of any particular standard must be ordered from the American Standards Association, 70 East 45th St., New York 17, N.Y.

Back issues of the Journal available: Don Canady, 5125 Myerdale Drive, R.R. 15, Cincinnati 36, Ohio, desires to dispose of a complete set, in excellent condition, from January 1930 to date, plus one issue of September 1928. Anyone interested in acquiring the complete set should communicate directly with Mr. Canady.

SMPTE Officers and Committees: A new roster of Society Officers and the Committee Chairmen and Members will be published in the April *Journal*.