

new products

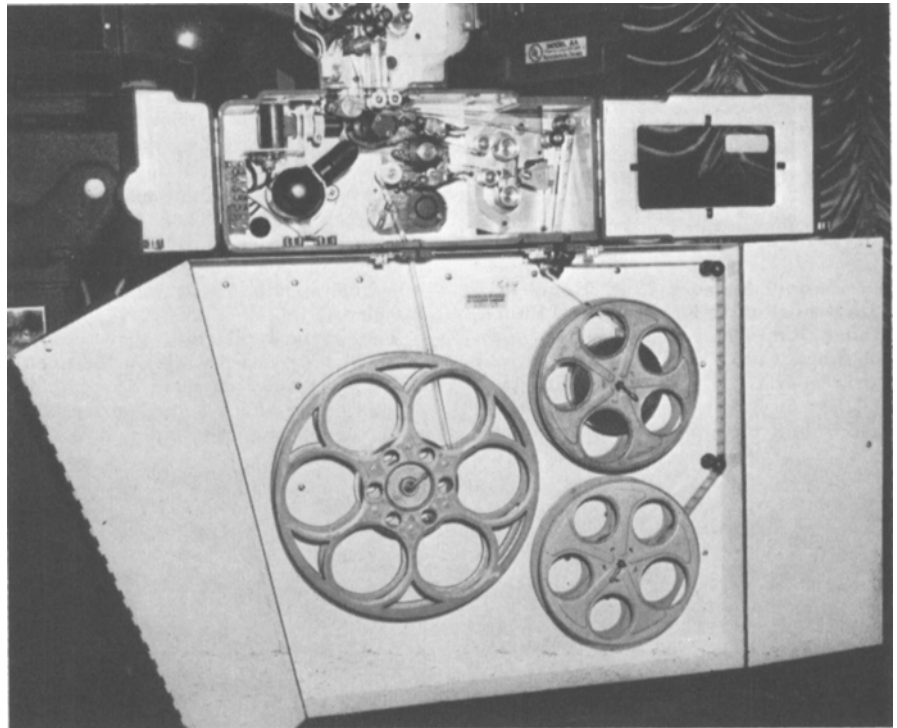
(and developments)

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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 or services.

The Radio Corp. of America and Ampex Corp. announced on October 14 that an agreement had been signed for the exchange of patent licenses covering videotape recording and reproducing systems for both black-and-white and color. These systems enable the recording on magnetic tape of scenes, information and sound for later reproduction, not only for TV production, but also for other professional and commercial purposes.

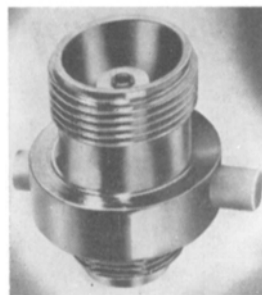


A professional magnetic tape recorder, Model 938, has been introduced by Telco Industries Corp., 35-16 37th St., Long Island City, N.Y. Features include push-button operation, tip-out servicing arrangement, frequency response of from 30 to 15,000 cycles/sec at $7\frac{1}{2}$ in./sec. Signal-to-noise ratio is reported to be over 55 db at both $7\frac{1}{2}$ and 15 in./sec. Hysteresis synchronous motors are specially designed for constant speed. Torque motors are used for driving the supply reel and take-up reel. The model is available as a console, rack-mounted, portable or in part units. Prices range from \$1205.00 to \$2191.00 depending on the type. The firm also manufactures multichannel data recorders.

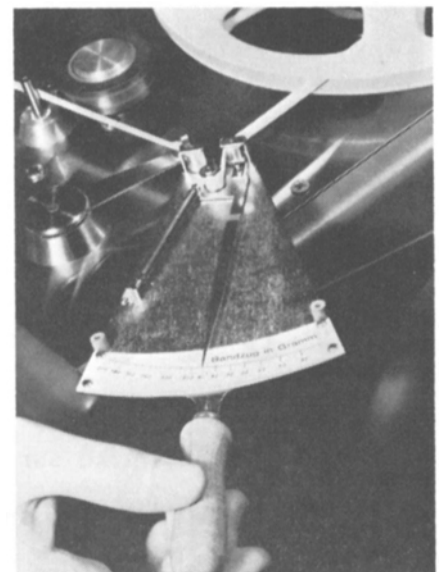


An optical magnetic soundhead designed especially for studio use and for studio previews in theaters has been announced by B. F. Shearer Co., 1964 South Vermont Ave., Los Angeles 7. The soundhead combines an optical soft loop sound system with magnetic sound system. It has a Davis tight loop type mechanism built within an existing optical soundhead. The flutter at all frequencies is reported thus to be lowered considerably from that with magnetic adaptors.

The single magazine which functions as a dual attachment does not require machine work on the projector head or soundhead. The company also provides a kit which contains an attaching plate with a feed sprocket that can be attached to existing projectors without the machine work usually necessary to install passage-ways for dual film paths.



RF coaxial connectors with a built-in "pushbutton-disconnect" switch are manufactured by Don-Lan Electronics Co., 1101 Olympic Blvd., Santa Monica, Calif. Designed for compactness, light weight (0.6 oz) and high reliability, the unit offers the advantage of speed in disconnecting without the necessity of removing the cable from the assembly. The connectors are available with type "N" or "HN" hermetically sealed coaxial receptacles.



The Tape Tension Gauge, a precision-built instrument for measuring the tension of tapes in tape recorders, is a product of the Microphone Dept. of American Elite, Inc., 7 Park Ave., N.Y. All movable parts are mounted on ball bearings. It is priced at \$30.50.

Allen B. Du Mont Laboratories, Inc., 750 Bloomfield Ave., Clifton, N.J., has added eleven firms to its list of distributors for industrial TV equipment. The newly designated distributors are: Engitron, Inc., 1350 North Harland Ave., Hollywood; Tempo Electronics, 1341 L St., N.W., Washington, D.C.; Continental Engineering Co., 3860 North Port Washington Ave., Milwaukee, Wis.; Tanner Communications Co., 304 North 26 St., Birmingham, Ala.; Boom Electric Corp., 5226 West Grand Ave., Chicago; De Mambro Sound Equipment, 1095 Commonwealth Ave., Boston; Electronic Specialty Co., Virginia Street W., Charleston, W. Va.;

Shaffer Co., Inc., 849 N. High St., Columbus, Ohio; Signal Equipment Co., 2706 Third Ave., Seattle, Wash.; Southeastern Sight and Sound Corp., 400 Glenwood Ave., Raleigh, N.C.; Springfield Sound, 772 Worthington St., Springfield, Mass.

Each distributor has exclusive representation rights in his particular area and is equipped to sell, plan, install and service all types of industrial TV system.

A 5-channel Memory Unit, Model MU, with Reader and a Keyboard and Punch, Model KP, are announced by Fish-Schurman Corp., 70 Portman Rd., New Rochelle, N.Y. The equipment has been designed for use with the firm's 3-Light Color Additive Head; and also, upon slight

modification, for use with the Single Light High Speed Color Additive Head.

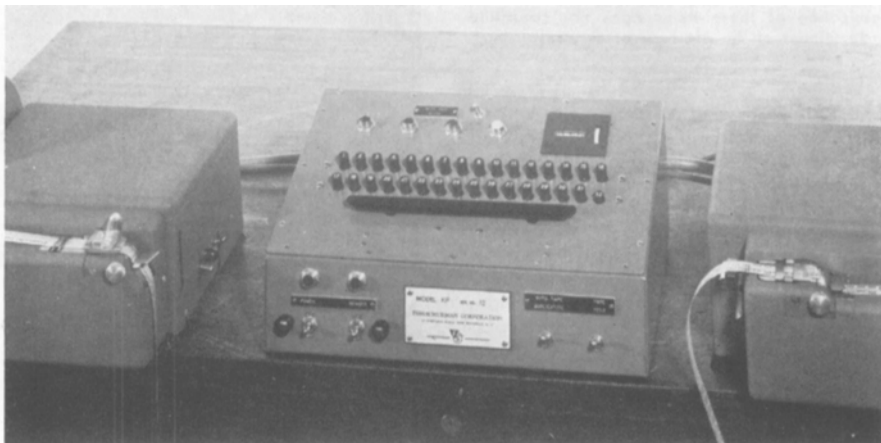
The Memory Unit stores the information introduced by the punched tape on the Reader. Fifteen neon pilot lights indicate to the operator when the 15 neutral density glass filters are in or out. The Keyboard has 32 combinations for each color - red, green and blue. There is also a white light or blank for introducing additional information such as lap dissolves, stop and other information. An electric scene counter is included.

The physical punch is shown on the left of the Keyboard while on the right is the same Reader as that used with the Memory Unit which is used to reproduce automatically duplicate tapes. It will also

permit corrections of the tape and continue with the accepted information.

Price of the Memory Unit and Reader is \$3200.00; and the Keyboard and Punch is priced at \$2100.00 f.o.b. New Rochelle.

A 100% nylon velvet has been introduced by Martin Fabrics Corp., 48 W. 38 St., New York 18, for waxing and cleaning film. Reports indicate that this pile fabric is very effective when used either in combination with the several accepted solvents for cleaning or for cleaning film in a dry state. Known as Nylovel, it has lintless pile and is free from sizing and extraneous chemicals. It is woven in broad goods (40 in. wide) and is also obtainable in selected ribbon widths with fused edges. It has been



E d u c a t o r s . . .

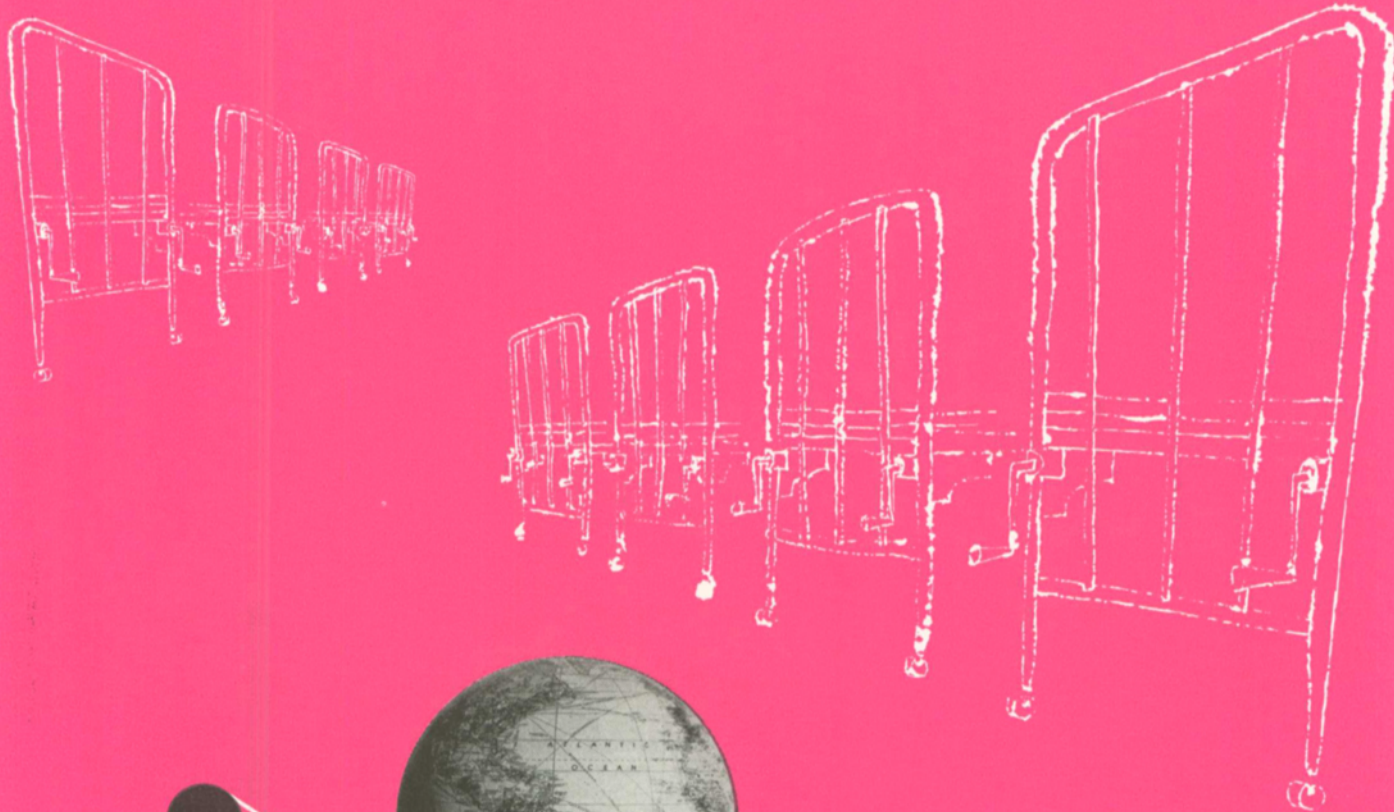
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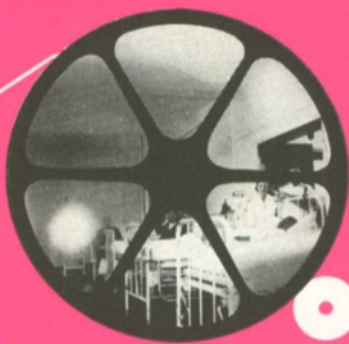
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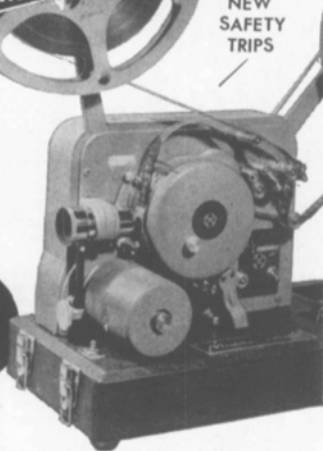
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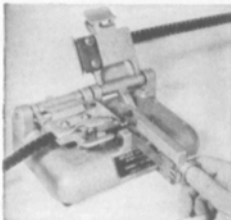


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designed as an extremely durable fabric and is marketed as a product which will minimize the scratching of film by absorbing dirt particles into the pile rather than rubbing them against the film. It is available at \$3.15 per yard (broad goods). Prices for ribbon widths are available upon request.

FilMagic Pylon, an automatic silicone lubricator, is an addition to the FilMagic silicone products manufactured by Distributor's Group, Inc., 204 14th St., N.W., Atlanta 13, Ga. It consists of a windowed acetate tube filled with a silicone-impregnated cloth. When in use, the filler is activated by a silicone fluid and the lubricant is fed in controlled amounts through a sleeve of the cloth onto the tape or film. The Pylon is mounted between the feed reel and reproducing parts of the equipment for continuous performance while the machine is operating. A Pylon kit, priced at \$2.95, contains one Pylon, a plastic squeeze-bottle of silicone re-loader and 6 sleeves of the cloth.

An all-purpose clamp developed for the Sinar-Swiss interchangeable View Camera (4 by 5; 5 by 7; 8 by 10) attaches to almost any available support, such as tables, fence posts or ladders. The unit weighs 1 lb 14 oz. Distributed in the United States by Karl Heitz, Inc., 480 Lexington Ave., New York 17, to franchised Sinar dealers, it is priced at \$44.90.

A successful test of a 2-channel sound system for recording and reproducing from records has been announced by Westrex Corp., 111 Eighth Ave., New York 11. The new type of recording, called StereoDisk, is based on the use of a single stylus to make two separate recordings of identical sound quality in a single groove. The stylus is actuated by two separate sound channels of identical characteristics.

A high-performance oscilloscope pre-amplifier, Model SPR-100, was introduced at the Western Electronic Show and Convention in San Francisco, August 20-23, by Jerrold Electronics Corp., 23d and Chestnut Sts., Philadelphia 3. Although primarily designed for use with the Jerrold Models 95 and 220 Wide-Band Sweep Generators, the unit is reported to increase the sensitivity and versatility of most oscilloscopes, permitting them to be used in conjunction with sweep generators for sweep frequency measurements. It is said to increase the sensitivity of oscilloscopes by 40 db without adding substantially to the hum or noise content. It is priced at \$150.00.

The Jennings RA4 Ceramic Relay is designed with the contacts in a vacuum surrounded by a ceramic enclosure. The unit, weighing less than 1 lb, is said to handle dry circuits in the mv-μa range as well as inductive loads with peak inrush current of 60 amp. Detailed technical information is available from the manufacturer, Jennings Radio Mfg. Corp., P.O. Box 1278, San Jose, Calif.



A miniature TV camera (7.5 by 2.6 in., of high resolution (600 lines, 8 mc), ruggedized (usable picture of 165 db of noise and 20 G of shock) has been introduced as the MC-16-1 by Photo Research Corp., 837 North Cahuenga Blvd., Hollywood 38. The system, consisting of the camera, a control unit for voltages for the camera, and the cable, is priced at \$2150.00 f.o.b. Hollywood. In addition a 1-in. vidicon is available at a price of \$250.00, a 14-in. monitor at \$290.00 and 1-in. f/1.5 lens at \$95.00. The camera uses 16mm motion-picture lenses with standard mount. Any focal length, including zoom-type, lenses may be used. Focusing down to a few inches with standard lenses is accomplished by adjustment at the rear of the camera. The camera weighs 2½ lb.



Photo Research Corp., 837 North Cahuenga Blvd., Hollywood 38, has announced an addition to its line of Spectra Instruments. The new Model C-3 Brightness Spot Meter has a range of from 0.5 to 50,000 ft-L with a reported 5% accuracy of reading. Its spectral response closely matches the CIE luminosity curve. It is powered by three small batteries contained in the handle of the instrument. Battery life is reported to exceed 400 hr operating time. The instrument is 8½ in. long, 7½ in. high, 3 in. wide and weighs 3½ lb. It is priced at \$389.75 f.o.b. Hollywood. Eastern representative of Photo Research Corp. is Hoffman Engineering Corp., Old Greenwich, Conn.

The Pan-Cinor 17.5-70mm f/2.4 zoom-type lens for the Camex Reflex 8mm single-lens reflex movie camera was developed to allow continuous through-the-lens viewing and focusing, while changing the focal length and filming without extra finders. Each lens is supplied with a depth-of-field chart and a test film and carries an unconditional guarantee for optical performance. Distributed in the United States by Karl Heitz, Inc., 480 Lexington Ave., New York 17, it is available from franchised Camex dealers. It is priced at \$339.00 for the lens. The camera with the lens retails for \$539.00.