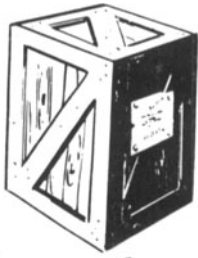


new products

(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.

A series of new Super Speed Zeiss Distagon and Planar fixed focal length lenses for Arriflex 35BL and 35 2C/B cameras has been announced by Arriflex Co. of America, 25-20 Brooklyn-Queens Expwy. West, Woodside, NY 11377. The new lenses are specially designed for use at high apertures and under low light levels. Focal lengths in the new series include 25, 35, 50 and 85mm. All the lenses are calibrated in light-transmission T-stops and have a fast T 1.4 maximum aperture. The lenses cover all standard 35mm formats including silent camera aperture 0.710 by 0.945 in (18 by 24 mm). They are supplied in Arri

heavy duty steel bayonet lock mounts. The series features, individually or in combination, multilayer coatings on all air-to-glass surfaces for high transmission and minimum flare, aspheric surfaces for flatness of image field, and lens groups coupled to the focusing mechanism to maintain optimum correction at all calibrated focusing distances. The shortest focusing distances range from 12 to 40 in depending on focal length. Price of the series (all four lenses) is \$8,940. The lenses are also available separately at prices ranging from \$1,860 to \$2,910.

Four new fast aspheric prime lenses specially designed for use with professional 35mm motion-picture cameras have been announced by Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025. The lenses, supplied in BNCR-type mounts, include 24mm (T1.6); 35mm (T1.4); 55mm (T1.4); and 85mm (T1.8). They are manufactured by Canon Inc. for exclusive worldwide distribution by Cinema Products Corp., the announcement stated. The new lenses are reported to be useful for night-for-night photography with available light. By causing the marginal rays to be in sharp focus and, at the same time, rejecting random or spurious rays, the aspheric lenses reduce flare, thus improving definition and contrast of the scene regardless of the variations of light level. Each of the four lenses is priced at \$2,050.

A set of four high-speed lenses for 35mm cinematography mounted for use in custom-made mounts for Mitchell BNC, BNCR, S35RB and the Mark III cameras have been an-

nounced by Mitchell Camera Corp., 666 West Harvard St., Glendale, CA 91209. The lenses contain multi-coated fluorite elements. They are mounted in helical focusing Mitchell BNC mounts with integral focusing gear and have extra large calibrations plus a deep-set filter holder that accepts two Series VIII filters immediately ahead of the front lens element. Focal lengths and speeds are: 28mm T1.8; 35mm T.3; 55mm T1.1; and 85mm T1.7. Price for the set of four lenses is about \$7,975.



The Photo-Sonics Actionmaster/200, a 7½-lb high-speed 16mm handheld camera, has been announced by Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, CA 91506. Measuring 14½ long, 7¾ in high and about 4 in wide without the viewfinder, the system can be used in confined areas while permitting operator mobility. The camera uses the Photo-Sonics intermittent movement incorporating two pulldown and two register pins housed in each magazine with capacities of 50- and 100-ft daylight load and 65-, 100- and 200-plus 200-ft coaxial darkroom load. The speed range is from 24 to 200 frames/s with magazine interchange accomplished in a few seconds. The camera is supplied with an Angenieux 12.5-75mm f/2.2 zoom lens with a motorized variable speed zoom control. A variable zoom rate adjustment and thumb-actuated run button are located on the hand grip. Other features include an internal rechargeable battery pack which can be removed when external power is used. The price of \$6,440 includes the lens and viewing optics, 200-ft magazine, a shoulder mount/hand grip with the battery pack, a tripod adapter and a carrying case.



A new Bauer super-8 camera with 10X power zoom and macrofocusing capability has been announced by AIC Photo Inc., 168 Glen Cove Rd., Carle Place, NY 11514. The camera has a 1:10 (7 to 70mm) zoom lens with macrofo-

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Accomplished by combining two VO-2850 units and the RM-400 automatic editing control unit. This combination provides search (slow speed playback), pause (precise frame location) and automatic tape back spacing for glitch-free edits.

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The VO-2850 costs substantially less than comparable 1" equipment and affords the continued economy of using 3/4" tape.

The VO-2850 can also edit your field-recorded cassettes made on the VO-3800 portable U-Matic recorder. Your finished master

is ready for duplication and can be played back on any U-Matic unit. And, in addition, you've saved a generation by working within one format.

Evidence of how significant this new development is can be found in the broadcast industry, which has already begun to change its traditional methods of mastering and editing (for electronic news-gathering) to include the VO-2850.

Hard to believe? We'll prove it. Write today on your letterhead and we'll arrange a demonstration. Once the VO-2850 is in your studio, you'll never let it out.

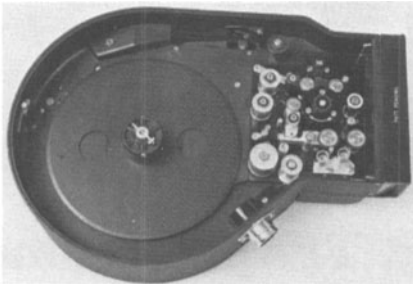
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cusing capability down to the front of the lens. The camera offers a choice of speeds of 12, 18, or 24 frames/s and a 54 frames/s instant slow-motion feature from any setting. It incorporates an intervalometer for fast motion study at automatically controlled speeds from 1 frame/min to 6 frames/s. A built-in low-light (moonlight) meter element computer-controls single frame shutter speeds from 1/10 s to 1 min per frame. Fade-ins, fade-outs and lap dissolves are made possible through an automatic pushbutton control. The price of \$879.95 includes a lens hood and eyecup, remote control, wrist strap and sync plug for flash synchronization. An optional sound conversion is available to accommodate the Opta-sound system for lip-sync sound recording.



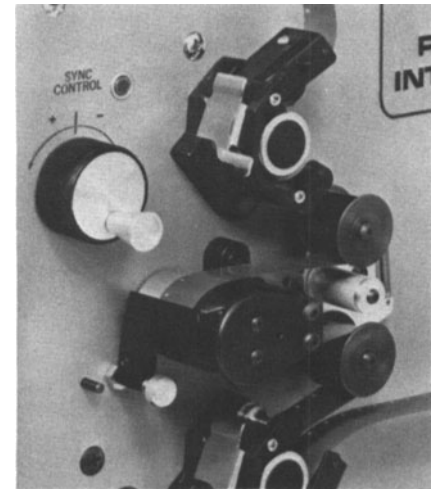
A new single system sound and image recording magazine for Eclair ACL cameras has been announced by Eclair Corp. of America, 62 W. 45 St., New York, NY 10036. The system consists of interchangeable 200-ft and 400-ft single-system magazines and a dual-input solid-state amplifier; it is compatible

with all Eclair ACL cameras. The magazines contain recording and monitoring heads as well as the sophisticated transport system necessary for single-system filming. The amplifier has dual microphone inputs with individual and master gain control provisions. Features include fast-attack, slow release automatic gain control and a built-in VU meter to provide overload protection. Automatic monitoring provisions with manual override switch the amplified headphone output from monitoring the microphones during setup to monitoring the magnetic soundtrack as it is being recorded via a monitor head located just after the record head in the film path. Other features of the amplifier include wide response, low noise and accurate equalization.

A new Panasonic portable videotape recorder and camera combination (Model NV 3085/WV 3085) has been announced by Matsushita Electric Corp. of America, Pan Am Bldg., 200 Park Ave., New York, NY 10017. The ensemble is capable of a full hour of continuous record/play battery power and it can record color in the field with a color camera from camera control units without a color adapter. Features include an easy-to-read front-mounted digital counter; an easy-to-remove adjustable carrying strap; a one-piece molded cover to protect operating parts; a large-view battery meter; new automatic locking feature for the top cover; and a UHF video output connector to provide additional output and more flexible application. The new unit is compatible with all Panasonic NV-3000 series VTRs and has the ability to record from reels that have been removed from EIAJ 1/2-in car-

tridges. The price is about \$1,750. A number of accessories are available including the WU-530 mini-wiper that makes possible split-screen effects.

A Philips/MCA optical videodisc player and compatible discs will be available as the result of an agreement between N. V. Philips and MCA Inc., 100 Universal City Plaza, Universal City, CA 91608, according to a recent announcement. Each company has had an optical system in active development for a number of years. The new videodisc player system will permit the interchangeability of the videodiscs, the announcement stated. The Philips/MCA videodisc player will be manufactured and marketed by Philips. (The MCA Disc-Vision System and the Philips VLP System were described in papers in the July 1974 issue of the *Journal*.)



New double system interlock projectors featuring Dynamic Sync Control, an innovation permitting picture and soundtrack relationship to be shifted in either direction while the projector is running, have been announced by W. A. Palmer Films, Inc., 611 Howard St., San Francisco, CA 94105. Designed to run picture and separate 16mm magnetic track, the projectors combine the Palmer magnetic film transport with a Singer Model 1020 projector. Features include a synchronous motor, single lever forward and reverse operation, horizontal tilt control, two-level projection lamp and Kodak Ektanar projection lens. An accessory television package containing a television shutter, pickup screen and 1-in projection lens with television aperture allows the projector to be used for field pickup or transfers to closed-circuit TV or videotape.

Four models provide various playback and recording combinations. The recording models have a special solid-state record amplifier built into a compact base cabinet. The amplifier is also available separately. Prices for the new projectors range from \$2,730 for Model PGPS-2 Magnetic/Optical interlock for playback to \$4,120 for Model PGSS-3 Dual/Magnetic/Optical Interlock for recording, transfers and playback.

The Eumig Mark-S O&M super-8 sound projector has been announced by Eumig (U.S.A.) Inc., Lake Success Business Park, 225 Community Dr., Great Neck, NY 11020. The projector has optical playback and magnetic recording, sound mixing and playback capabilities. It is equipped with an f 1.3, 15-30 mm Vario-Eupronet zoom lens. The light source is

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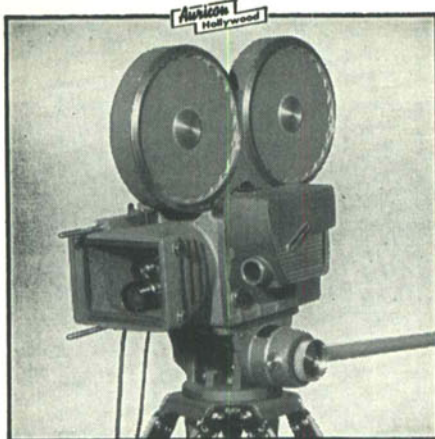
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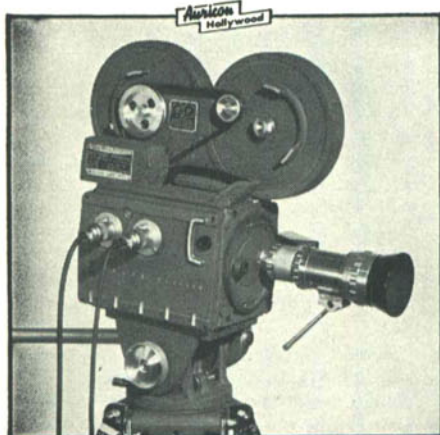
"CINE-VOICE II" 16 mm Optical Sound-On-Film Camera.
 ★ 100 ft. film capacity for 2¾ minutes of recording; 6-Volt DC Converter or 115-Volt AC operation. ★ \$1180.00 (and up).



"AURICON PRO-600" 16mm Optical Sound-On-Film Camera.
 ★ 600 ft. film capacity for 16½ minutes of recording. ★ \$1820.00 (and up) with 30 day money-back guarantee.



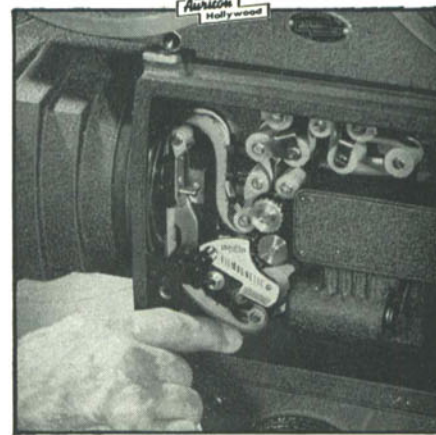
"SUPER 1200" 16 mm Optical Sound-On-Film Camera.
 ★ 1200 ft. film capacity for 33 minutes of recording. ★ \$6425.00 (and up) complete for "High-Fidelity" Talking Pictures.



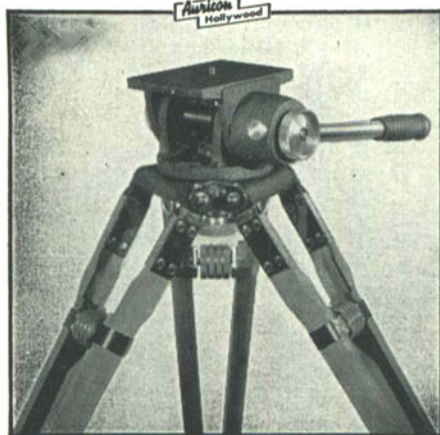
"PRO-600 SPECIAL" 16mm Light-Weight Camera.
 ★ 400 ft. film capacity for 11 minutes of recording. ★ \$1620.00 (and up).



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a preheated 12-V, 100-W dichroic reflector tungsten halogen lamp. A single knob controls forward and reverse projection, with and without the lamp, at normal as well as fast-forward and rewind speeds. Switching between magnetic and optical sound operation is done with the flick of an electrical switch. The reel capacity is 600 ft and the film is self-threading onto the take-up reel. Continuously variable operating speeds are provided between 18 and 24 frames/s. Optical playback is limited to 24 frames/s and magnetic recording and playback can be operated at 18 or 24 frames/s or at varying intermediate speeds. There is an automatic separation of 18 frames between the sound and picture image in the magnetic operation modes and 22 frames separation for optical sound projection. The price is about \$650.



The Mark S 810D Deluxe HQS (high-quality sound) projector has been announced by Eumig (U.S.A.) Inc., Lake Success Business

Park, 225 Community Dr., Great Neck, NY 11020. Innovations in the new HQS model include (1) integrated circuitry in the record/playback amplifier, 10-W rms and 15-W music output; (2) Automatic Gain Control and Frequency Response Control — the sound volume remains constant regardless of the distance between the microphone and sound source and the input remains insensitive to crackling noises; (3) the sound frequency response at 18 frames/s projection rate is 75 to 10,000 Hz. Wow is less than $\pm 0.15\%$ and flutter less than $\pm 0.2\%$; (4) PA facility — the sound system of the projector can be used as a public address amplifier by simply setting the selector switch knob in the "stop" or "recording" position. Both formats, regular 8mm and super-8 can be screened with the new projector. It is equipped with a 10-element $f/1.2$, 12.5-25mm Eumig Suprogon lens. The illuminant is a 12-V, 100-W dichroic reflector halogen lamp, pre-heated in use. The projector has a 600-ft reel capacity with acetate film. The projector is constructed of a magnesium alloy. It weighs 18½ lb and measures 13½ by 7½ by 8½ in. The price of \$650 includes a microphone, power cord and a 400-ft automatic take-up reel. Available accessories include the Eumig LS 800 10-W extension speaker priced at \$49.95.

The T5, a Bauer movie projector for super-8 and 8mm film, has been announced by AIC Photo, Inc., 168 Glen Cove Rd., Carle Pl., NY 11514. The projector can alternate between the two formats at the touch of a switch. It can operate at standard speed —

variable from 16 to 24 frames/s, and slow motion — variable from 8 to 12 frames/s. Film can also be run in reverse at standard speed or slow motion. Any sequence of film can be re-run by using an "instant replay" position on the master switch. The projector provides automatic reel-to-reel threading and has a reel capacity of up to 400 ft or 30 min running time. The power range is 120 to 240 (50 or 60 Hz). The price is \$199.95.

A professional audio tape recorder designated the MX-5050 Mini-Pro has been announced by Otari Corp., 981 Industrial Rd., San Carlos, CA 94070. Features include synchronous reproduce, front panel edit control, IC digital control system with motion sensing and adjustable cueing control for audible monitoring in fast forward and rewind. Tape speeds are 15 and 7½ in/s, convertible to 1½ and 3¼ in/s. Other features include front adjustable bias, record lockout, capstan location on the non-oxide side of the tape and a built-in test and cue oscillator. The recorder is 19½ in high, 17 in wide and 7¾ in deep. It weighs 45 lb. The price is \$1,345.

A Spotmaster turntable preamplifier designated Model BE TMS designed to provide mono, stereo and dual audio channel capabilities has been announced by Broadcast Electronics, Inc., 8810 Brookville Rd., Silver Spring, MD 20910. The machine has a phase reversal switch on one channel to allow five modes of operation. It has an output level switchable between -10 and +8 dBm into a nominal 600Ω load. A transformer coupled output is available as an option. The preamplifier has front-panel controls for power, left and right channel gain mono/stereo selection and right channel phase reversal. The price is \$120.

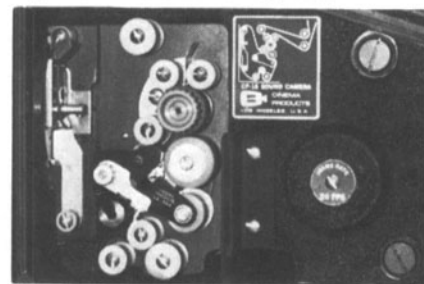
A modular equalizer, Model 553, has been announced by Automated Processes, Inc., 80 Marcus Dr., Melville, NY 11746. The instrument can be used for a wide variety of audio applications in broadcasting, recording, film mixing and sound reinforcement installations. The high-, mid-, and low-frequency controls are continuously variable with up to 15 dBm of boost or cut. There is a silent In/Out switch with LED indicator and a transformer isolated output to a maximum of +24 dBm. The power requirement is ± 15 V dc at 30 mA. The instrument measures 1½ by 5¼ in and is 6 in deep. The price is \$105.

Two new line transformers have been added to the A95 series, it was announced by Shure Brothers Inc., 222 Hartrey Ave., Evanston, IL 60204. The new line transformers make it possible to connect a high impedance microphone to a low impedance amplifier input Model A95D has a male professional 3-pin audio connector with a ¼-in phone jack. It is priced at \$25.75. Model A95FD has a female connector with a similar phone jack. It is priced at \$29. Neither unit requires wiring or soldering.

The Average and Peak Responding Limiter, Model 201, designed for studio recording, mastering, broadcast, film, sound reinforcement and other audio applications, has been announced by Inovonics, Inc., 1630 Dell Ave., Campbell, CA 95008. The average level and peak limiting functions operate simultaneously and independently. Front-panel controls are provided for all functions including variable

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3XL-AZ mag head shown installed in CP-16/A camera.

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A **core adapter** made of delryn designed for 16mm and 35mm magnetic film recorders and dubbers has been announced by Sound Genesis, 445 Bryant St., San Francisco, CA 94107. Used instead of metal reels the core adapter is intended to eliminate noise and scraping and to allow tighter and smoother winds as well as reducing friction. Available in two models, one model mounts onto the torque motor shaft of the recorder or dubber for permanent installation and the other (the "mini") attaches directly to the existing reel spindle. Each model is priced at \$25.

The Berkey Beam, a variable spread ellipsoidal reflector framing spotlight, has been announced by Berkey Colortran, Inc., 1015 Chestnut St., Burbank, CA 91502. A rack and pinion zoom focus mechanism provides a continuously variable beam angle from 24° to 43° with a soft and hard edge control. A 1000-W lamp in an optical train develops 140,000 beam candlepower. An offset shutter design provides 60° angular rotation anywhere in the gate with up to 120° total angular rotation between blades. The lenses are made of low-expansion borosilicate glass and are supported by shock-absorbing silicon rubber mounts. A joystick control permits rapid optical alignment. Color frames are secured by a safety latch. The Berkey Beam is 26 in long, 14.5 in wide and measures 27 in from top to bottom. It weighs 34 lb. The price is \$345.

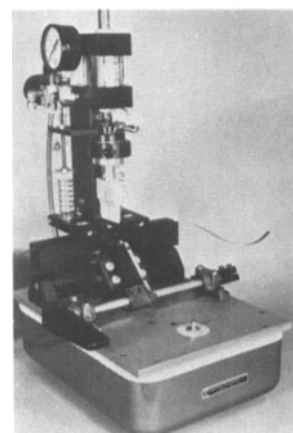
Porta-Kit III, first in a series of five Porta-Kits for location lighting, has been announced by Strand Century Inc., 20 Bushes Lane, Elmwood Park, NJ 07407. All five Porta-Kits have lanebeam open-face lighting units manufactured in Italy by Ianiro. Porta-Kit III has a 650-W lanebeam spotlight with a fiberglass housing. The rapid cooling properties of fiberglass permit instant dismantling, packing and storing after use. It is light in weight and practically indestructible. In addition to the 650-W lanebeam, Porta-Kit III contains an accessory holder, a 4-leaf barndoor, double scrim, single scrim, a 650-W, 3200 K lamp and a Porta-Stand. When ready for carrying, all five Porta-Kits are 31 in long, 14 in wide and 8½ in high. The weight varies from 35 lb for Porta-Kit III to 47 lb for Porta-Kit V (which contains two 1000-W lamps and other items). Porta-Kit III is priced at \$550. Prices of the others in the series range from \$690 to \$835.

The Stock-Aid Model SA-2, a manually propelled platform that can be raised or lowered by means of a pushbutton, has been announced by Economy Engineering Co., 484 Thomas Dr., Bensenville, IL 60106. The platform size is 29 in wide and 36 in deep. The SA-2 is equipped with 8-in diameter rubber wheels; two are fixed and two have swivel casters with swivel and wheel brakes. The lowered platform height is 18 in and the raised platform height is 10 ft. It can hold 400 lb centered on the platform. The lifting and lowering speeds are uniform within the travel limits. The vertical travel is activated by an up-down pushbutton, hold-down type, but the speed is not variable. The SA-2 can be used in TV studios to make lighting adjustments and fixture changes when the operator needs to have both hands free. The man on the plat-

form is protected by a fixed railing and mid-rail on all four sides. The platform is available for either ac or dc operation. The price is \$1,215.



A **new four-filter combination transmission/reflection densitometer** has been announced by Brumac Industries, P.O. Box 1786, Huntington Beach, CA 92647. The photometer utilizes solid-state components, including a photodetector, to produce a digitally displayed output. The instrument provides a readout of the density function, expanded to three places beyond the decimal point, as well as direct measuring of a dot area. Individual color zero and slope controls are provided. Binary coded decimal capability is available optionally. In the transmission mode features include zero stability and linear output to 4.00 D. In the reflection mode, the probe can be easily operated with only one hand and there is a repeatable output up to 2.50 D. The price of \$1,995 includes one set of Wratten filters and the bmi Qwik-Flik feature, i.e. a "flick of the wrist" interchange of the reflection and transmission fiber optic cables.

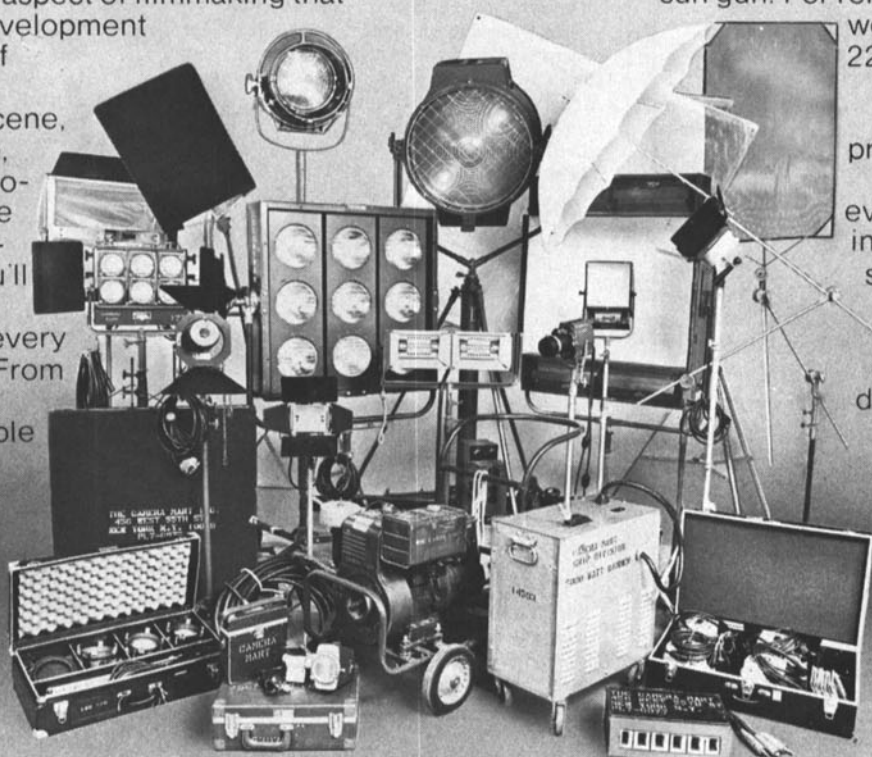


A **new Ultrasonic Film Splicer**, Model 2008, for high-speed splicing of super-8 polyester-base films has been announced by Metro/Kalvar Inc., 745 Post Rd., Darien, CT 06820. Designed to be a part of the production line in cartridge-loading operations, the splicer is portable, weighing about 20 lb. The splice strength has been reported to exceed considerably a minimum acceptable tensile load of 10 lb. The machine operates on 117-V, 50-60 Hz. The splicer pre-cuts and positions the film in alignment and fuses polyester to polyester. Price of Model 2008 is \$1,860.

A **new super-8 splicer** designed to cut film exactly on the frameline, position the film ends and apply Quik Splice splicing tape on both sides of the film has been announced by Hudson Photographic Industries, Inc., 2 South

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But as we're so fond of saying, the right equipment is only half the solution. Expertise is the other half. And at Camera Mart, our people don't just sell and rent lighting equipment. They are, to a man and Ms., *bona fide* lighting consultants, capable, for instance, of designing a lighting package for you that will do more than you expected for less than you expected to spend. We can show you

how to get more candlepower from less electrical power (particularly important on location). Or how to stow 5,000 watts in an attache case that'll fit nicely under an airline seat. We'll even suggest how many spares to take along. In short, when it comes to lighting, we're a real bunch of know-it-alls. And since we also *have* it all, why bother going elsewhere?

CAMERA MART 456 West 55 Street New York, N.Y. 10019
You make sense. Tell me more about how Camera Mart can solve both halves of my lighting problems.

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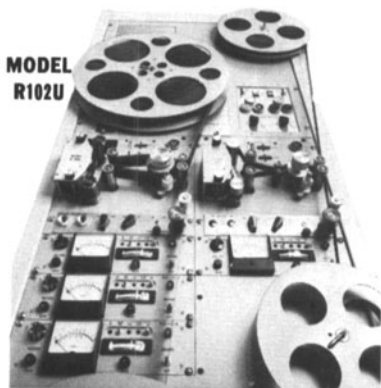
If you are not now regularly receiving the SMPTE Journal, participating in the Society's local Section meetings, attending SMPTE's semiannual technical conferences and equipment exhibits, and not keeping up on the technology and developments of our industry, now is the time to join this world-renowned Society.



Write for information:
Society of Motion Picture and Television Engineers
 862 Scarsdale Ave.,
 Scarsdale, N.Y. 10583
 914-472-6606

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A dual system with two independent film handling mechanisms. The left side features a pick-up recorder-reproducer with up to 3 track capability. The right side features a reproducer with up to 6 track capability.

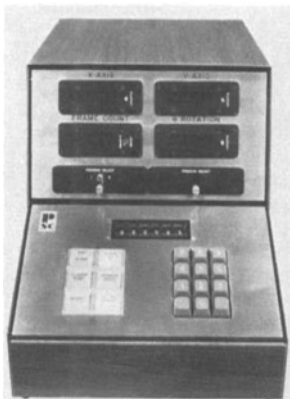
Available in 16mm, 35mm or 16/35mm and 17.5/35mm. Compatible with all existing interlock systems. Remote synchronous, high-speed operation

WEST: Alan Gordon Enterprises, Inc., Hollywood
 MID-WEST: Victor Duncan, Inc., Detroit, Chicago, Dallas
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 Braun Electric Canada, Ltd.

MULTI-TRACK MAGNETICS, INC. 
 ONE RUCKMAN ROAD, CLOSTER, NEW JERSEY 07624-201-768-5037

Buckhout St., Irvington-on-Hudson, NY 10533. The splicer is designed to achieve the four separate operations in one step by means of sequential spring action. When the splicer is used with Quik Splice T-8X splices it can accommodate silent or sound film interchangeably. The splicer is priced at \$40.

The firm also announced a 16mm splicer constructed with wear-compensated stainless steel cutting blades. The splicer, designated Model 230, uses Quik Splice tapes permitting torn film and broken sprocket holes to be repaired without cutting film or losing frames. The price is \$25.



A new automatic print-out system for interfacing PSC film analyzers to a variety of different output devices has been announced by PSC Technology Inc., 1200 Grand Central Ave., Glendale, CA 91201. A compact desk top unit, the system has TTL components and provides LED data displays. The unit interfaces with any PVR, VR-100, Model 705 or Model 660 to IBM card punches, IBM selectric typewriters, Dura printer/paper tape punches, teletypewriters and a number of minicomputers. On special order, the system can be interfaced to Vanguard, Telereadex or Gerber film analyzers. Features include X, Y, angle and frame count displays which display in 1000 counts per inch and a built-in 12-character numeric keyboard for data entry with 6-digit thumb wheel for entering constant data. The system provides error correction and allows connection of up to three output devices. Two programmable program boards allow flexibility in formatting output data and provide for up to 32 data fields per output command. The price is \$9,000.

A video system consisting of a video compressor (Model 229) and a video expander (Model 230) for transmission of still TV pictures over audio communications circuits has been announced by Colorado Video, Inc., Box 928, Boulder, CO 80302. Model 229 accepts standard composite video input signals and reduces their bandwidth to approximately 8 kHz. Model 230 reconverts the slow scan signals produced by Model 229 into 525-line TV images. Model 229 measures 10 by 7 by 1 1/4 in. Model 230 measures 12 1/2 by 11 1/2 by 6 1/4 in. The heart of Model 230 is a rotating disc video memory upon which information may be magnetically recorded at a slow rate and simultaneously played back at conventional TV rates. Model 230 may be used as the receiving end of a narrow bandwidth video communications system; it may also be used to reproduce properly formatted computer outputs. The price of Model 229 is \$1,000. Model 230 is priced at \$3,000.

it's **IDI** for:

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Film and video people working in the Southeastern U. S. and the Caribbean areas are depending more and more on IDI for the equipment and supplies they need. Our Rental Catalog lists over 500 items and if you don't have a copy, all you need to do is ask. Our experienced staff knows your problems. If we don't have everything you want, we'll try to find it for you somewhere . . .

SALES

Almost all the items in our Rental Catalog (and more) are also available for sale, new and/or used. We cover underwater, helicopter, studio, portable, and high-speed operations. We include Arri to Mitchell; Ampex to Sony; AKG to Vega; Angenieux to Zeiss; Elemack to Scorpion; Arrivox to Nagra; and even include some products of our own design and manufacture.

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Keeping all this equipment running at concert pitch takes a little doing and that's where our service people come into the picture. They are some of the most knowledgeable people in the industry. If there's anything they don't know how to fix, they know where to find out. Call us. We're ready before you are.

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✓ **prompt payment of claims**

✓ **grace period of 31 days allowed.**

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may be anyone you select and may be changed at any time upon your written request to the company.

conversion privilege

Coverage may be converted to an individual policy (except term) when you reach age 70 or terminate your SMPTE membership.

individual terminations

Coverage terminates if: (1) you cease to be a member of SMPTE, (2) you attain age 70, (3) you fail to make a premium payment, or (4) the policy goes out of force.

LOW COST

Group purchasing power and the standardized administration of group insurance permit SMPTE to offer its members excellent coverage at low rates.

semi-annual premium

Members Age	Members Coverage			Additional Costs	
	\$10,000	\$20,000	\$30,000	Spouse \$2,500	Child or* Children \$1,000
Under 30	\$ 12.00	\$ 24.00	\$ 36.00	\$ 2.45	\$2.30
30 thru 34	13.50	27.00	40.50	2.70	2.30
35 thru 39	17.80	35.60	53.40	3.45	2.30
40 thru 44	26.00	52.00	78.00	5.10	2.30
45 thru 49	40.00	80.00	120.00	7.85	2.30
50 thru 54	61.90	123.80	185.70	12.20	2.30
55 thru 59	101.70	203.40	305.10	18.95	2.30
60 thru 64	150.60	301.20	451.80	27.50	2.30
**65 thru 69	113.65	227.30	340.95	41.65	2.30

*One rate regardless of number of children.

**Member's benefits reduced 50% at age 65.

The above premiums are based on age at entry and on attained age on renewal.

eligibility: All members under age 60 may apply and may enroll spouse and/or children (age 15 days to 23 years). Individual policies will be issued to residents of Maryland; New Jersey, Ohio, Texas, and Wisconsin. Not available to residents of Florida or Canada.

for information contact:

SMPTE Insurance Plan

% CONSULTANTS & ADMINISTRATORS, INC.
500 Fifth Avenue
New York, N.Y. 10036
LO4-8215

EFFECTIVE DATE: Coverage effective from the 1st of the month following approval of your application by the company.

The **TT-100 Tuner-Timer**, a tuner and digital clock-time switch combination, has been announced by Sony Corp. of America, 9 W. 57 St., New York, NY 10019. The instrument permits off-the-air recording of TV programs on VHF or UHF at any time around the clock. In addition, the user can watch one program on his monitor while recording another with the TT-100. The 24-h digital clock has large numerals for easy reading. It is gradu-

ated into 10-min intervals for accuracy and tape economy. The price is about \$390.

The **97003A RF Adapter** designed for use with the 970A Digital Multimeter (*Journal*, p. 972 November 1973) to add 100 kHz to 500 MHz to the measurement range has been announced by Hewlett-Packard, 1501 Page Mill

Rd., Palo Alto, CA 94304. Voltages from 0.25 to 30 V full scale can be measured with the new adapter. Model 97003A is a peak detector calibrated to read the rms value of a sine wave input. It converts the ac input into a dc voltage. The 970A must be set to dc volts when the RF Adapter is used. No other adjustment is necessary. The 970A is fully auto-ranging with autopolarity. Price of the 97003A RF Adapter is \$85.

CLASSIFIED ADVERTISING
First 3 lines \$10.00
Each Additional line \$2.00
per inch \$26.00

A.V.E. "Transportable" Interlocker-Rusher #159 35mm Sound Projector with 4" lens. Has been completely checked by A.V.E. Optical and Magnetic playback, solid state amplifier—2 cases. Price \$1,950.00. Contact: Mr. Howard Swift, The Dow Chemical Co., 2030 Dow Center, Midland, MI 48640.

For Sale: Houston Mini ME-4 Color processing machine, 16mm/Super 8mm. Stockdale & Co., Inc., Photo-Tech Laboratories, 200 East First South, Salt Lake City, Utah 84111. Phone: (801) 521-3505.



**employment
 service**

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

Positions Wanted

Mechanical Designer. Experienced with CP-16 sound camera, HFC's X-Mod. analyzer, Model 'Z' continuous contact printer, reduction and blowup printers, optical step printers, etc. Seeking permanent position the beginning of 1975. Resume available on request. Write: R. W. Sam, 935 Hammond St., Hollywood, CA 90069.

Television Engineer. 26 years of broadcast and CCTV experience. Monochrome and color video systems design, including audio. Live, film, tape (1/2-in, 1-in, 2-in) maintenance. MATV, CATV systems design. First phone. Resume upon request. Call or write Warren G. Smith, 683 Lotus Ave., Oradell, NJ 07649. (201) 261-5291.

Photographic Chemist. RIT BS Photographic Science. 9 years, experience in photochemical systems. Seeking supervisory position. Will relocate. Current salary in mid teens. Reply to: 11 E. Lakeshore Dr., Apt #9, Cincinnati, OH 45237, or call (513) 821-2019 evenings.

Film and Tape Production. Proven creative, administrative, and technical skills. Reduced production costs for major advertisers as much as 30% retaining creativeness and quality. Prefer corporation or ad agency production department. Please write or call Whit Davis, 3617 Bellfield Way, Studio City, CA (213) 656-7862.

Audio Visual Specialist. 25 years experience in development and maintenance of all types of film handling, projection and recording equipment. Have done Kinescope, tape, and sound recording. Also sound stripping, and editing. Familiar with video systems, audio-visual equipment, and special applications. Call or write: William Moenter, 687 Pine Lake Dr., Westwood, NJ 07675 (201) 664-8806.

Positions Available

Maintenance Supervisor/Foreman. Motion-picture laboratory experience necessary. Excellent opportunity for the right person to supervise the maintenance functions in one of the leading full service labs in the country. Please write Greg Thomas, WRS, Inc., 210 Semple St., Pittsburgh, PA 15213.

College Laboratory Technician "A". Maintenance and Operation of Television Equipment. Must be

able to repair 1/2-in and 1-in videotape recorders, television cameras, video production equipment, audio systems and related audiovisual hardware. Requirements: High School, graduate of an electronic school, and two or more years of employment in the field. Salary: \$12,200 yearly, plus liberal benefits. Send resume to: Dr. Posner, C.E.E.D., City College of New York, 138th St. and Convent Ave., New York, NY 10031. (212) 612-7293

Equipment Salesman. Professional motion-picture equipment. Should be familiar with all types of motion-picture equipment. Excellent opportunity for young, aggressive man. Salary is commensurate with experience and ability. Please send complete resume to Birns & Sawyer, Inc., 1026 North Highland Ave., Los Angeles, CA 90038, Attn: Mr. Marvin Stern.

Technical Sales Representative. Motion-Picture Products. Solid technical background in motion-picture laboratory and sound recording field is required for this challenging position in our Chicago regional distribution center. The sales territory covers 11 Midwestern states. For further information about this stimulating position, send resume and salary history to Mr. Raymond A. Eynard, Manager, Midwest Region, Motion-Picture Products, Agfa-Gevaert, Inc., 275 North St., Teterboro, NJ 07608.

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION
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A. Total no. copies printed (net press run)	11,278*	12,972†
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1. Sales through dealers and carriers, street vendors and countersales	None	None
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C. Total paid circulation	9,864*	9,761†
D. Free distribution by mail, carrier or other means		
1. Samples, complimentary, and other free copies	283*	283†
2. Copies distributed to news agents, but not sold	None	None
E. Total distribution (Sum of C and D)	10,147*	10,044†
F. Office use, left-over, unaccounted, spoiled after printing	1,131*	2,928†
G. Total (Sum of E & F—should equal net press run shown in A)	11,278*	12,972†
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 I certify that the statements made by me above are correct and complete.

Victor H. Allen, Editor