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Memo to Members:

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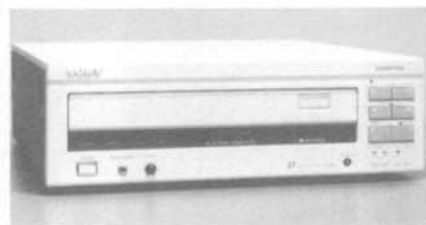


As one who has chosen to belong to SMPTE, you are aware of the benefits of SMPTE membership. Among these benefits are the prestige of being associated with the world's premier professional organization in the fields of motion pictures and television, the monthly *SMPTE Journal*, the local section meetings, and the annual conferences and equipment exhibits. If you know someone who meets SMPTE's requirements, you can offer to sponsor him or her for membership. This is the best way to help strengthen the Society and point someone toward increased professional growth. Applications are available from SMPTE Membership Dept., 862 Scarsdale Ave., Scarsdale, NY 10583.

New Products

Further information about these items can be obtained 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 **EVC-600 VHS movie camcorder** has been introduced by Elmo Manufacturing Co., 70 New Hyde Park Rd., New Hyde Park, NY 11040. Automatic features include an infrared autofocus system, white balance, exposure, color balance for daylight, tungsten illumination, and recording level. The $f/1.4$ 6:1 zoom lens, with 10-lux low-light shooting sensitivity, power zoom, and macro capability, delivers the images, while the unidirectional condenser microphone provides automatic sound. The EVC-600 uses a standard VHS cassette, and its date/time function makes it possible to code recordings. Accessories include remote control, rechargeable battery pack, and ac adapter. The camcorder weighs 5.7 lbs.



Sony LDP-2000 series videodisc player

A series of fast, internally expandable videodisc players has been introduced by Sony Communications Products Co., Sony Dr., Park Ridge, NJ 07656. The LDP-2000 series combines random-access video, analog and digitally compressed audio, and external computer control for multi-media and communications capabilities. The players are capable of accessing a frame in 1.5 sec or less. The series is available in five different configurations, and boards can be added to upgrade from one configuration to another.



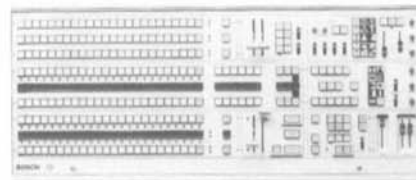
Stellavox TD 9 tape recorder

The **TD 9 magnetic tape recorder** has been announced by Stellavox, 2068 Hauterive/

NE, Switzerland. The multi-standard recorder accepts $1/4$ -in., $1/2$ -in., and perfo 16mm PE-film magnetic formats. A microprocessor controls all tape transport functions from data given by opto-electronic tensiometers. Features include synchronization for film or video, locator, preview, computer interface, speed variator, and monitor speaker.

The **FDL 60 film scanner and FRP 60 film reproduction programmer** have been introduced by Robert Bosch Corp., P.O. Box 31816, Salt Lake City, UT 84131. The FDL 60, which employs CCD line sensors and a digital framestore, includes every function required for film-to-tape transfer and broadcast operation: playback in slow motion, programmable freeze and defreeze of film frames, variable film speeds of 16 to 30 frames/sec, preselection of different types of negative film stock, and full-format playback of CinemaScope films (PanScan).

The **FPR 60 computer-controlled film reproduction programmer** has programmable color correction; independent programmers for PanScan, audio level, and sources; and playback speeds and switching and analog functions that can be defined by the user. Interactive control of the system, in contrast to menu techniques, enables faster operation.



Bosch RMC continuity mixer

The **RMC continuity mixer and a caption adder unit** have been introduced by Robert Bosch Corp., P.O. Box 31816, Salt Lake City, UT 84131. The mixer allows for the video and audio parts of program sequences to be prepared separately, or to be switched or faded. Fully automatic continuity control optionally can be connected. The field of application for the RMC is extended by the addition of a chroma-key stage for presentation, an input stage for caption insertion during post-production, or a complete mixer stage with chroma-key and electronic masking for production and transfer operations.

Bosch's caption adder has been designed for efficient use in film/tape transfer and editing. The unit has two caption insertion stages with source preselection, separate color area generators for text and outlining, electronic masking, and a mem-

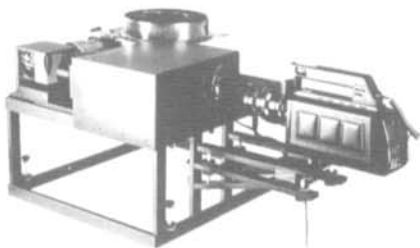
ory for all preselected settings. Internal pulse processing and an optional computer interface enable the caption adder to be used as an independent camera channel for any application. It can also be used as an accessory for the company's RME range of production mixers.



Tascam M-300 mixer

The 300 Series for studio recording and live sound mixing has been designed by Tascam, 7733 Telegraph Rd., Montebello, CA 90604. The 8-channel M-308, 12-channel M-312, and 20-channel M-320 feature a sophisticated signal-routing system. Back-panel inputs and outputs combined with a convenient top-panel switch matrix help to eliminate the need for patching. Four separate bus systems offer options for individual cue mixes in the studio or separate monitor and house mixes at live shows. The input modules produce wide bandwidth and improved transient response.

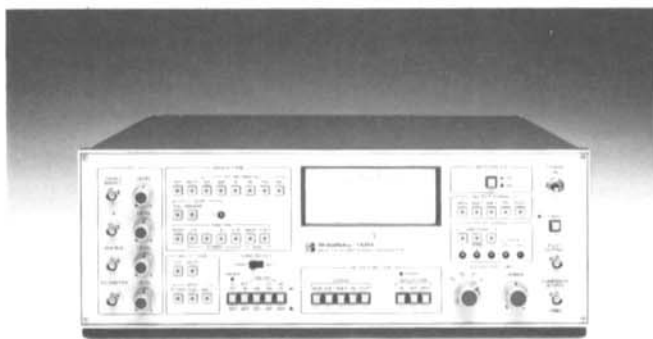
The Series 200B portable mixing consoles have been announced by Soundcraft Electronics Ltd., 5-8 Great Sutton St., London EC1V 0BX, England. The Series 200B can route to four groups. A master module features talk back, built-in microphone, and oscillator. Monitoring is available on both headphones and speaker outputs.



Buhl projection uniplexer

A series of custom made projection uniplexers has been announced by Buhl Optical Co., 1009 Beech Ave., Pittsburgh, PA 15233. The series is designed to feed an image to a television camera at the same time that the image is projected onto a large auditorium screen. The video image can be relayed to other teleconference facilities and/or videotaped for future use. Buhl's projection device takes less than 5% of the light from the main projected image and presents a small bright image to the video camera.

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DeSisti Model 2320 Caravaggio PAR 64 discharge

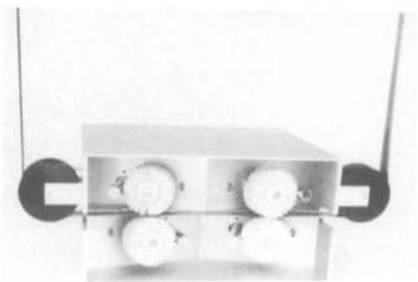
The 1200-W Caravaggio PAR 64 discharge (Model 2320) has been introduced by DeSisti Lighting Equipment, 328 Adams St., Hoboken, NJ 07030. The product has been manufactured for 1200-W Brite Beam and the 1200-W CID lamps. The lens door contains a focus ring for orienting the lamps' lenses. The Caravaggio can be mounted to triple headers to act as a multi-PAR system for large area coverage. The model comes with 18 in. cable, standard discharge connector, and yoke with 1 1/8-in. pin.

H621E 1-in. videotape has been announced by Fuji Photo Film U.S.A., Inc., 350 Fifth Ave., New York, NY 10118. Designed with several technological improvements over the H621, this tape features minimal dropouts, excellent durability, and reduced instances of print-through. Fuji's Beridox magnetic



Fuji H621E 1-in. videotape

particles have been improved by 30% over the previous formulation, thus increasing the S-Bet factor. The videotape is available in a complete range of lengths in both the C and B formats.



Technical Film Systems FC-1 continuous film cleaner

The FC-1 continuous film cleaner has been announced by Technical Film Systems Inc., 9205 Alabama Ave. #D, Chatsworth, CA 91311. The unit is designed to be installed on film printers and other types of equipment. Because the film is cleaned continuously, there is no need to clean negatives and interrupt the printing operation. The cleaner is used for both raw stock and release negatives, and is available for 16, 35, and 70mm formats.



Christie MaxErase-16B degausser

The MaxErase-16B universal AV tape degausser has been introduced by Christie Electric Corp., 20665 Manhattan Pl., Torrance, CA 90501. The degausser offers a new phase change switch that can select the precise horizontal or vertical phase to match the recording. MaxErase degausses tapes from 1/4 to 2.6 in., up to 16 in. in diameter, and erases high-coercivity bulk tape up to 1500 oersted in a 30-sec., fully automatic, one-pass operation. It

generates higher levels of magnetic flux, and is designed for continuous-duty use without overheating of the unit or the tape.

A restoration treatment process for video and film magnetic tracks has been developed by Restoration House Film Group Inc., 23 Wrotham Rd., Gravesend, Kent DA11 0PA, England. The process, named Redimension 2, allows shrunken, brittle, or twisted magnetic materials to be rejuvenated by means of chemical vapors. Redimension 2 also conditions videotapes on which the oxide base is deteriorating, thus enabling quality copies to be made for use.

A dimmer bank test fixture, the CD80, has been announced by Strand Century, Inc., P.O. Box 9004, Rancho Dominguez, CA 90224. The unit is capable of checking the operation and calibration of each power supply board and SSR operation of 2.4, 6, and 12-kW dimmers and non-dimmer modules. The fixture can properly calibrate each ramp card to its 5-V S curve, check each of its eight outputs, and confirm the proper operation for each of its 24 positions within the card cage.

The Solar-1 prompter system has been introduced by Vica Associates, 4296-A Memorial Dr., Decatur, GA 30032. The prompter is attached to the tripod with a universal base plate, and can be used with most cameras. Small and lightweight, the system is designed for use in studios and corporate offices where space is at a premium. The unit operates at 115 V ac.

Morph Solids, an expanded version of the Morph shape-generating package, has been introduced by MCI/Quantel, P.O. Box 50810, Palo Alto, CA 94303. With Morph, an operator working at a Mirage composing station can mold a basic starting shape into an endless variety of geometric and abstract shapes simply by changing parameter values. Morph Tiles, included with the total program, allow the video picture to be subdivided horizontally and vertically. Each piece of the picture can be independently manipulated in 3-D space.

Dual-channel capability and a mini-control panel, for use in the company's A52 digital special effects system, have been introduced by Abekas Video Systems, Inc., 353A Vintage Park Dr., Foster City, CA 94404. With multi-channel capability, the A52 can be configured to accommodate up to four control panels and two channels. The combiner assignment panel makes it possible to assign any control panel to any channel. The 4x8 1/2-in. mini-control panel is sized for space-critical applications, and will fit in standard accessory spaces on most switchers. It offers most of the operational features of Abekas' standard A52 control panel.

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