

when he left ABC to found his own television production company, McFarlane Mobilvision, which he continued to operate until his death.

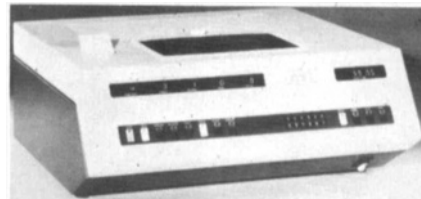
McFarlane joined the SMPTE in 1970. He participated in San Francisco section activities, and he was also a member of the International Industrial Television Association, the San Jose Chamber of Commerce Professional Media Network, and the Business and Professional Advertising Association.

He is survived by his wife, Ruth Ann, three daughters and four sons. He is also survived by his mother, Kathleen McFarlane, a sister, Dee Dee Coates, and eight grandchildren.

NEW PRODUCTS

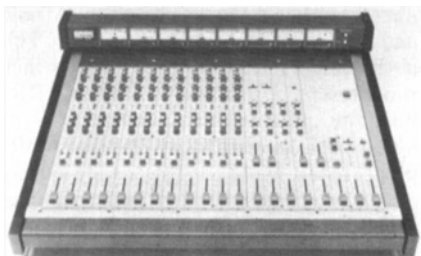
Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturer's statements and publication of these items does not constitute endorsement of the products or services.

Three new RTI videocassette evaluator/cleaners for $\frac{3}{4}$ -in., Beta, and VHS formats have been announced by Research Tech-



RTI videocassette evaluator/cleaners

nology International, 4700 Chase Ave., Lincolnwood, IL 60646. The units are designed to inspect, clean, polish, and rewind tapes at 25 times normal playback speed. Erase capability is optional. The operator can select inspect, clean or erase only, or any combination of the three simultaneously. An optional VP20 printer can be added to all three models. In addition to the standard LED readout, the VP20 printer provides an automatic paper tape printout showing the exact location of each control track, and video or audio defect.



M-50 mixing console, Tascam

The **M-50 mixing console** designed to perform all three primary production functions — recording basic tracks, overdubbing, and mixdown, has been announced by Tascam Production Products, 7733 Telegraph Rd., Montebello, CA 91640. The console has 12 input channels, each with three switch-selectable inputs. All 12 channels have electronically balanced XLR microphone input and a tape input. Two channels have RIAA phono inputs for effects library or reference disks, two have instrument inputs that serve as "direct boxes," and eight have line inputs. The eight main mixing buses facilitate one-take eight-track recordings and simplify normal overdubbing. Two independent, auxiliary stereo mixing systems can be used for performer cues, effects sends, remote feeds, or stage monitor (foldback) mixes.

A new **field light**, the AL-100, developed by Osram GmbH, Germany, has been announced by Osram Sales Corp., P.O. Box 7062, Jeanne Dr., Newburgh, NY 12550. The field light, developed for video and motion-picture location lighting, has a

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100-W, 12-V tungsten-halogen 3200° K bulb. The unit generates 10 min of continuous light at full power per charge. The AL-100 can be used either as a separate hand-held or a tripod-mounted light. Its specially designed handle allows it to be attached to the camera. The lamphead slips into the battery-pack bracket and locks into place. The head of the unit has a zoom reflector which adjusts a focal range from 80° flood to 20° spot. The complete AL-100 weighs about 4½ lb.

The AMS (Automatic Microphone System) has been announced by Shure Brothers Inc., 222 Hartley Ave., Evanston, IL 60204. The system is designed for use wherever speech-related multiple microphone setups are required. In addition to sound reinforcement functions, the AMS can be used for telecommunications, recording, and broadcasting applications. It is an integrated system consisting of complementary mixers and microphones that work together to solve problems associated with multiple microphone installations. The system consists of five basic components, the AMS22 microphone (low profile), the AMS26 microphone (probe type), the AMS4000 mixer (4-channel), the AMS8000 mixer (8-channel), and the AMS video switcher interface.

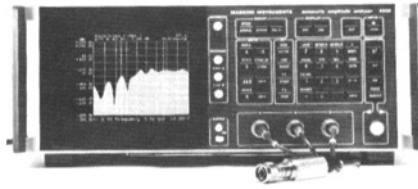
A key feature of AMS microphones is a design innovation that permits each microphone to analyze independently its own sound field and discriminate between sounds that originate within its 120° window of acceptance and all other sounds.



PAL audio link, HM Electronics

The Precision Audio Link (PAL) for high-precision processing and transmitting of audio information has been announced by HM Electronics, Inc., 6151 Fairmount Ave., San Diego, CA 92120. The system, designed for remote acoustic measurements, sound-data analysis, sound reinforcement, installation measurements, and sound system maintenance, provides a wireless link between sound measurement points, and analysis and recording instrumentation. The PAL system is compatible with TEF analyzers and spectral analysis equipment as well as with most sound level meters and calibrated microphones.

The Automatic Amplitude Analyzer, Model 6500, has been announced by Marconi Instruments, 100 Stonehurst Ct., Northvale, NJ 07647. The instrument is designed



Automatic Amplitude Analyzer, Marconi Instruments

to provide a flexible solution to the problems of testing microwave systems and components. On-screen graphics display the signal. Amplitude and frequency scaling can be arranged automatically for op-

timum display and a bright line cursor shows frequency and amplitude across the band for ease of use and accurate measurements. Model 6500 has been designed to control any sweeper or RF source which may be driven externally by a voltage ramp, thus eliminating the need to buy special RF sources. With its 10-MHz to 18-GHz detectors, it measures and displays absolute power, transmission and return loss, and VSWR.

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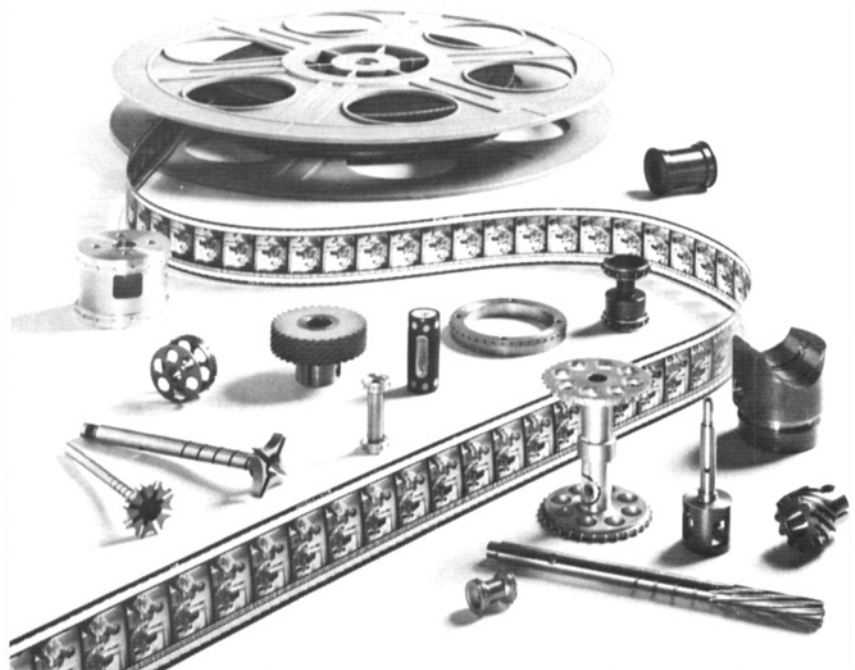
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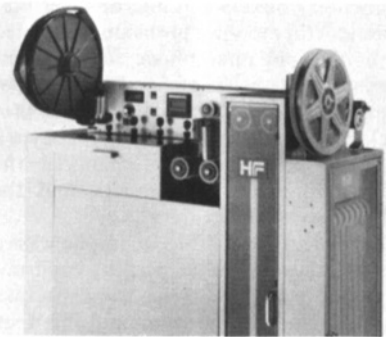
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SMPTE

amplitude limits, and frequency ranges can be stored and recalled.

In addition to optional GPIB control of all front panel functions, a conventional analog output allows the use of normal X-Y recorders. The resulting plot is unusual because Model 6500 instructs the recorder to include graticules and labeled axes.

The Sky-Cam extension for the Tulip Crane has been announced by Matthews Studio Equipment, Inc., 2405 Empire Ave., Burbank, CA 91504. Designed to be used in conjunction with remotely controlled cameras, the Sky-Cam converts the standard Tulip Crane into a "sky-high" crane capable of achieving a working camera height of 27 ft. Horizontal reach is 18.4 ft. The Sky-Cam can easily be attached to the standard crane arm at the column pivot point, utilizing the regular Tulip base assembly, column, and ballast portion of the crane arm.



Labmaster II processor, Houston Fearless 76

A new Labmaster II processor has been announced by Houston Fearless 76, 833 E. Walnut St., Carson, CA 90746. The processors are designed to reduce size and floor-space requirements. All solid-state controls are grouped at one eye-level position for operator convenience. Other features include access to the darkroom section for easier threading or cleaning, and larger accumulators, giving the operator more time to change film.

A system for creating and displaying stereoscopic video images has been developed by Stereographics Corp., Box 2309, San Rafael, CA 94912. Designated the Stereographics™, the system can use existing videotape equipment and videodisks. It can be shown on broadcast television without modification of existing equipment. The viewer must use viewing glasses which have electro-optical shutters. A "black box" is used to process the images for the television receiver.

The video screen splitter/inserter, Model VSS100, offering operational versatility and the dependability of CMOS technology, has been announced by Pelco Sales, Inc., 4790 W. Jacquelyn Ave., Fresno, CA 93711. The unit simultaneously displays portions of the video from two cameras on one monitor, allowing both camera positions to be recorded on a single VTR. The

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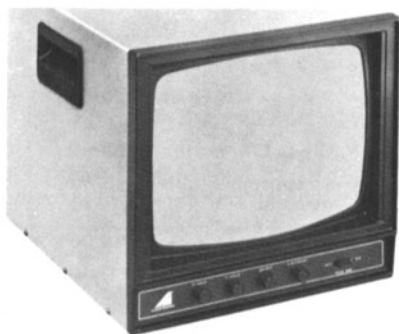


Video screen splitter/inserter, Pelco Sales device provides flexible adjustment of the video display. Recessed front panels allow horizontal and vertical adjustment of the size and position of the split or insert plus balancing the brightness of the two video pictures. The VSS100 functions also as a two-position manual switcher with fingertip control for full-screen display of either camera position.



Talaria projector, GE

Three new color projectors have been added to the line of GE Talaria™ television projectors, it was announced by General Electric Co., Projection Display Products Operation, Electronics Park, 6-206, Syracuse, NY 13221. Features include a 1000-lm minimum modulated light output. The high-brightness level is achieved by improvements and redesign of components and the light source of Talaria projectors. The PJ5055 projector may be equipped with a new optional, switchable decoder that automatically selects the decoder to display input signals of the three most often used standards, NTSC, CCIR-PAL, and CCIR-SECAM. The other two projectors, PJ5155, and PJ5855, are designed for use with high-resolution, high-scan standards input.



Video monitor, Audiotronics

A new 12-in. monochrome video monitor, Model 12VM968, has been added to the

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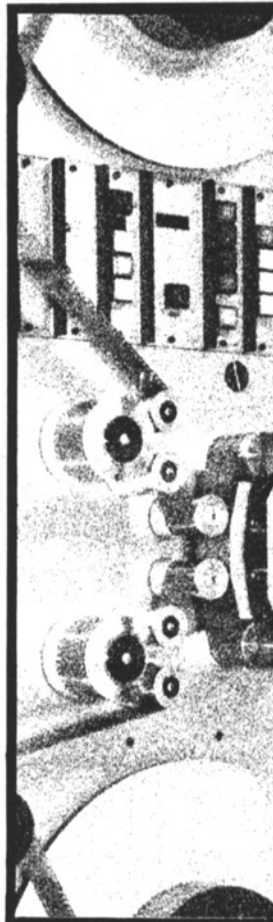
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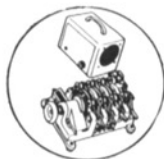
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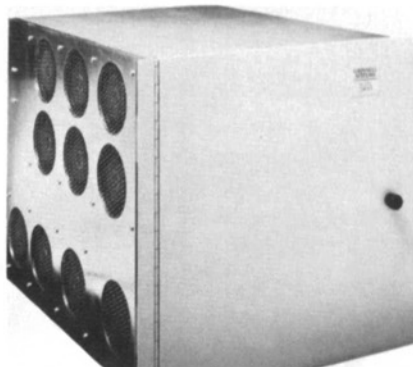
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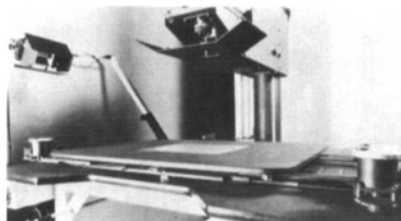
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line of closed-circuit monitors available from Audiotronics, 7428 Bellaire Ave., North Hollywood, CA 91605. The monitor provides horizontal resolution of 800 lines or better. Features include all-silicon solid-state circuitry. Other features include bandwidth of 12 MHz, geometric distortion less than $\pm 5\%$ of display height, switchable 75-ohm termination provided for loop-through connection on video input, BNC connectors, and ac fuse.



2800 image processing, Grinnel Systems

A new line of raster scan image processing, image display, and computer graphics equipment has been announced by Grinnel Systems Corp., 6410 Via Del Oro Dr., San Jose, CA 95119. Called the 2800 family, the line includes the 28 series for computer graphics, the 280 series for image display and enhancement, and the 2800 series for image processing. All of these systems are based on modular, compatible elements and chassis, available either as standard configurations or customized assemblies of the standard modules.



Animation compound table, Forox Corp.

A low-profile animation compound table has been announced by Forox Corp., 393 West Ave., Stamford, CT 06902. In normal applications, a compound table fits above the light source of the camera, but the new low-profile animation compound table allows the maximum amount of light to come through the artwork because the source is closer. The new model is available in manual and motorized versions.

System One, a computer/video graphics system, has been announced by Via Video, 10115 S. DeAnza Blvd., Cupertino, CA 95014. (The firm recently opened an East Coast office at 575 Madison Ave., New York, NY 10022.) System One features real-time frame animation, stop-frame animation, color map animation, full color slide and transparency production capa-

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bilities, and direct output to RGB, video output with Via Video's NTSC encoding technology. Input of existing two-dimensional artwork or three-dimensional objects to System One is accomplished via a high-resolution digitizing camera subsystem. System One components include, in addition to hardware, custom work stations and software, a microcomputer, electronic easel and stylus, a 13-in. high-resolution monitor, dual 8-in. floppy-disk drives, digitizing camera and stand, and RGB/NTSC outputs. Peripherals include an animation package, a video editing package, and an output camera system for instant prints and transparencies.

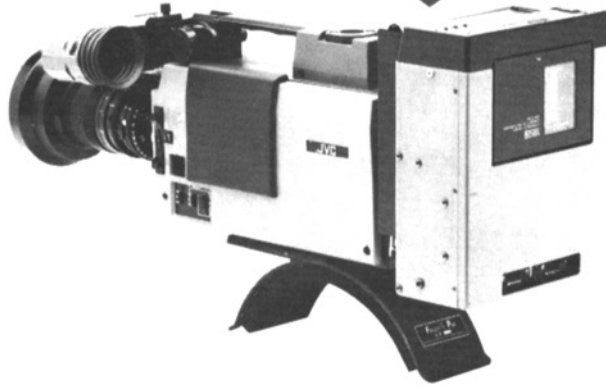
The LDK 44 color television camera system, of modular design, has been announced by Philips Television Systems, Inc., P.O. Box 618, 900 Corporate Dr., Mahwah, NJ 07430. A single ENG camera is self-contained. The system can provide one-, two-, or three-camera studio configurations with automatic setup controls for camera matching. The system's modularity permits fast and simple conversion from one configuration to another.

The modular components include a camera with three 2/3-in. Plumbicons and prism optics; a video processor, and an integral pulse generator with genlock capability; ENG, single, and triple camera remote control units; power supply modules; and a video switcher with integral chromakeying. Various accessories are available.

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Asaca/Shibasoku Corp. of America	782
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Center for the Media Arts	788
Century Precision Optics	790
Cinema Products Corp.	775
Crosspoint Latch Corp.	780
Frezzolini Electronics, Inc.	791
Grass Valley Group, Inc.	777
Key Systems	792
L. W. International	790
La Vezzi Precision, Inc.	787
Laumic Co., Inc.	789
Motion Picture Enterprises, Inc. ...	790
Northrop	784
Picture Element Limited	773
Professional Services	792
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Shinko Electric Co., Ltd.	791
TV Technology	788
Westrex	789

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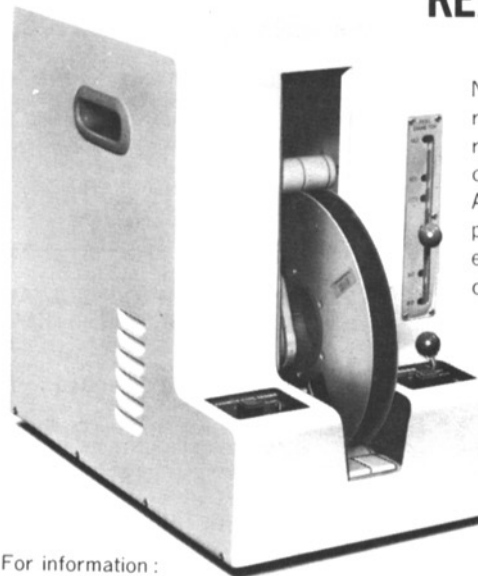
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