

sales in the Los Angeles area for 15 years. HEDCO, headquartered in Grass Valley, Calif., manufactures audio and video routing systems.

B. Morgan Martin has been appointed a product manager at The Droid Works, San Rafael, Calif. One of his prime responsibilities will be to oversee the introduction of the SoundDroid™ product line. Prior to joining The Droid Works, Martin was a regional manager for Rupert Neve, Inc. The Droid Works, an affiliate of Lucasfilm Ltd. and Convergence Corp., is also the manufacturer of the EditDroid™ post-production system.

Bob Bergfeld has been appointed national sales manager, Electronics Div., Lenco, Inc. Bergfeld joins Lenco from Sony Video Communications, where he was a senior district manager. Prior to his tenure at Sony, Bergfeld was employed in video dealer sales. Lenco, headquartered in Jackson, Mo., manufactures television and radio broadcast equipment, as well as products for other industries.



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.



Sony VP-5020 U-Matic® player

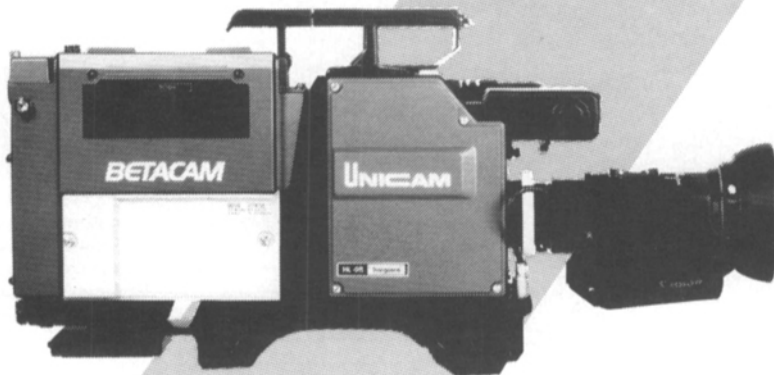
A U-Matic® videotape player, a 3-chip CCD camera, and a special effects generator have been introduced by Sony Corp. of America, 9 W. 57th St., New York, NY 10019. The player, Model VP-5020, has a digital linear tape counter (LED) controlled by the control track signal of the tape. Video SNR is better than 45 dB; color and horizontal resolution is 240 lines. As for audio quality, the SNR is 48 dB, frequency response is 50 to 15,000 Hz, while wow and flutter is only 0.2%.

The DXC-3000 camera, for ENG/EFP applications, incorporates three CCD chips. The camera has 520 lines of resolution, its SNR is 56 dB, and the video output can be raised by 9 or 18 dB to obtain a clear picture, even under extremely low light conditions. The model also features a 2-line detail enhancer, built-in character generator, and REC indicator in the viewfinder.

The SEG-2550, Sony's special effects generator, is compatible with computer-controlled editors by means of an RS232C interface (with no additional adaptor needed). The generator features E-File, which permits easy storage and recall of up to 63 custom-created or frequently used effects. A maximum transition time of 4 to 6 min, determined manually by controls and faders, can be memorized.

The A812 recorder and the B203 timer/controller have been introduced by Studer Revox America Inc., 1425 Elm Hill Pike, Nashville, TN 37210. The A812 intermediate-size recorder draws features from both the A810 and A820, two Studer models which incorporate a digital control philosophy for various setup functions.

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Studer A812 recorder

The recorder can handle reel sizes up to 12½-in. at four tape speeds.

The B203 timer/controller has been designed to allow control of as many as eight of Studer's audio units, including cassette decks, open reel recorders, and compact disc players. Its protocol manages control and status information to and from all eight units, while using only a single RS232 port on an external programming computer. The unit's hardware also includes a small local event memory for storage of event parameters.

Four models of the EMME® editing system and a work station for this product line, have been announced by EECO Inc., P.O. Box 659, Santa Ana, CA 92702. The four computerized editors, Models 395, 595, 795, and 995, are based on the A/B roll configuration, and offer a range of system software, list management, and function capabilities. The Model 995 features a longitudinal time-code generator. The computer editing work station utilizes an expanded personal computer keyboard with color-coded keys and the EMME active edit-decision list. It interchanges with the company's two existing work stations.

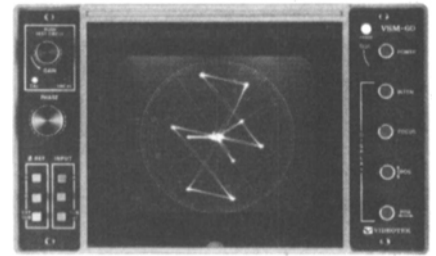


Ross Video Model 216 switcher

The Model 216 video production switcher has been introduced by Ross Video Ltd., P.O. Box 220, Iroquois, Ont., Canada K0E 1K0. The Model 216 is a 16-input multi-level effects (MLE) switcher. With MLE, foregrounds, backgrounds, and ti-

les can be manipulated without locking up the unit. Program/preset buses permit simple flip/flop operation. Additional features include built-in memory, analog key border generator, and serial interface to editing systems.

A vectorscope and two color monitors have been placed on the market by Videotek Inc., 243 Shoemaker Rd., Pottstown, PA 19464. The vectorscope, VSM-60, monitors color television signals from cameras, VTRs, and video input/output lines. Input (A, B, or subcarrier A) and phase reference (A, B, or external subcarrier) control functions are selected via pushbut-



Videotek VSM-60 vectorscope

tons on the unit. The vectorscope's internal graticule CRT gives parallax-free observation and measurement of color vector displays for precise readings.

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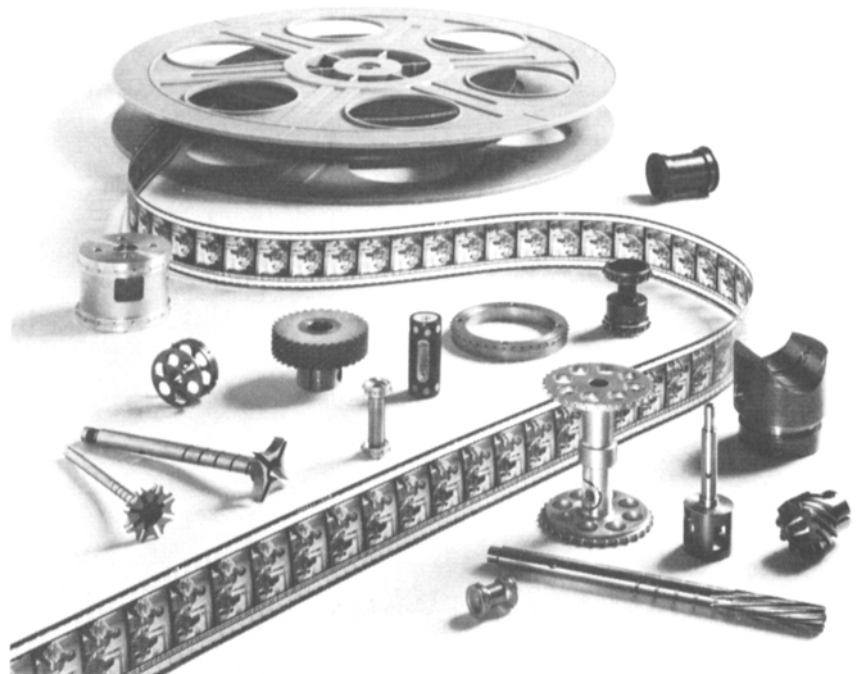
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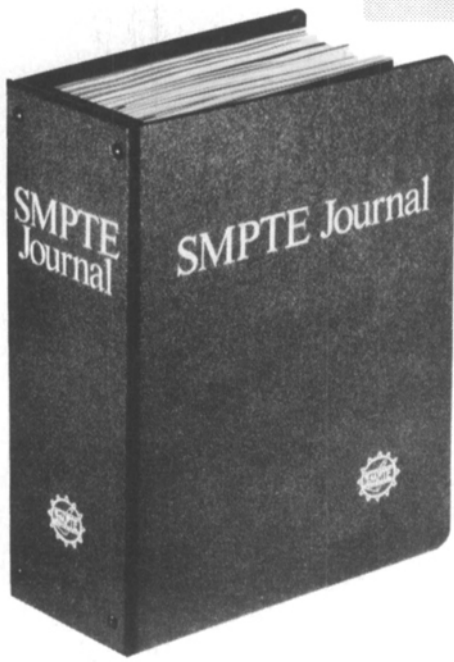
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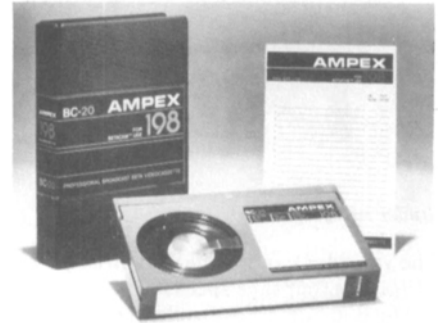
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The HR-190 color monitor offers better than 650 lines of horizontal resolution. The monitor also features a precision in-line gun dot matrix CRT, 0.31mm dot pitch, and three looping inputs with A/B split screen. The other color monitor introduced by Videotek is the AVM-13, a 13-in. unit with an internal audio speaker. It was designed for a variety of applications, from line input monitoring to editing applications.



Ampex Betacam and M-Format cassettes

Ampex 198 Betacam and 199 M-format 1/2-in. broadcast videocassettes have been introduced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. The new cassettes feature high-energy cobalt-modified gamma ferric oxide for high-quality reproduction, a tough binder system for durability during editing, and a precision cassette mechanism for mechanical reliability. Both videocassettes utilize high-impact ABS plastics with an antistatic agent to reduce dropout-causing contaminants.

EVT-2000 1-in. broadcast videotape has been introduced by Eastman Kodak Co., 343 State St., Rochester, NY 14650. The tape, available in B and C format, features enhanced binder technology for tape durability, a very low dropout rate, and excellent erasability and resistance to print-through characteristics. It offers optimum performance in the areas of luminance (video signal/noise) and chrominance (color signal/noise). The tape is available for worldwide use in NTSC, PAL, and SECAM television systems.



Maxell PI+ videotape

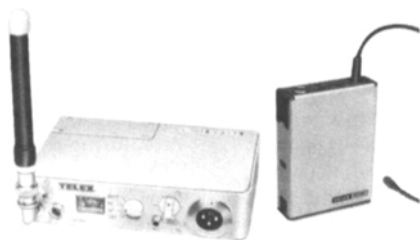
PI+ videotape has been introduced by Maxell Corp. of America, 60 Oxford Dr., Moonachie, NJ 07074. The tape has been engineered to meet the demands of sophisticated high-fidelity and Super Beta hardware. The company has raised the video output level, chroma output, chroma signal/noise, and video signal/noise of the PI+, and adjusted the tape's frequency and audio signal/noise ratios.



Lyon Lamb VAS-Delta animation controller

An interface to link the VAS-Delta animation controller and the Sony Betacam BVW-40 VTR has been announced by Lyon Lamb Video Animation Systems, 4531 Empire Ave., Burbank, CA 91505. The VAS-Delta combines a full range of intelligent features to create complex animation sequences in the broadcast, production, or post-production environments. With the new interface, the controller can be used to operate the Betacam BVW-40. In addition to remotely controlling all functions of the VTR, the VAS-Delta can be programmed for recording, editing, and frame grabbing in sequential, cycle, or nonsequential modes.

Dolby SR (spectral recording), a professional master recording process, has been introduced by Dolby Laboratories, Inc., 100 Potrero Ave., San Francisco, CA 94103. The process enables analog recordings to provide a sound quality equal to, or better than, 16-bit PCM. The system employs a powerful coding algorithm sensitive to variations in signal spectrum as well as to level changes. Dolby SR has a linear and continuous transfer characteristic, and adds no high-order distortion or step-switching artifacts to a recording, even at critical, very low signal levels.



Telex microphone system

A compact, multi-channel wireless microphone system has been introduced by Telex Communications, Inc., 9600 Aldrich

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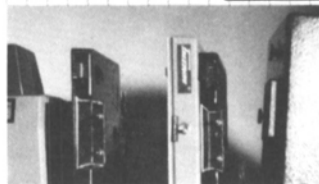
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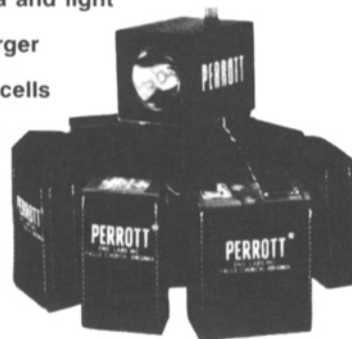
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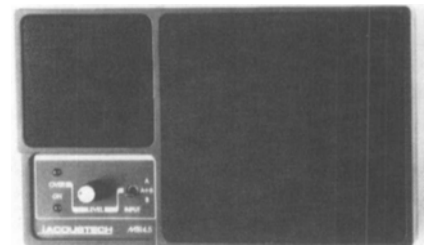


Ave. So., Minneapolis, MN 55420. Consisting of the ENG-4 4-channel receiver and the WT-400 2-channel transmitter, the system is designed primarily for ENG broadcasting and remote video production. The receiver has a small monitor earphone and a 1/4-wave antenna. Fourteen standard frequencies are offered. The transmitter can be used with Telex's WLM-200 miniature lapel microphone or any high-impedance microphone having an XLR connector.



Cetec Vega PRO 1 microphone system

Two versions of a professional wireless microphone system have been announced by Cetec Vega, 9900 Baldwin Pl., El Monte, CA 91731. Both the bodypack version, named PRO 1-B, and the hand-held system, designated PRO 1-H, feature the company's DYNEX®II advanced audio processor for high SNR, wide dynamic range, and clean natural sound. The systems can operate on any crystal-controlled frequency between 150 and 216 MHz. Common to the two microphones is the R-31A receiver, which offers easy-to-read LED bargraph displays.



ElectroMedia Acoustech MTR 4.5 speaker

The Acoustech MTR 4.5 speaker has been announced by ElectroMedia Marketing, 24166 Haggerty, Farmington Hills, MI 48024. The audio monitor can complement Tektronix's video monitoring equipment, or can be used in free-standing field-production applications. The vented, short transmission line enclosure houses a magnetically shielded 4.5-in. driver, and has a frequency response of 45 to 16 kHz ±3 dB. The equalized internal 55-W amplifier is capable of driving the unit to 102 dB SPL-C continuous power at 1 m.