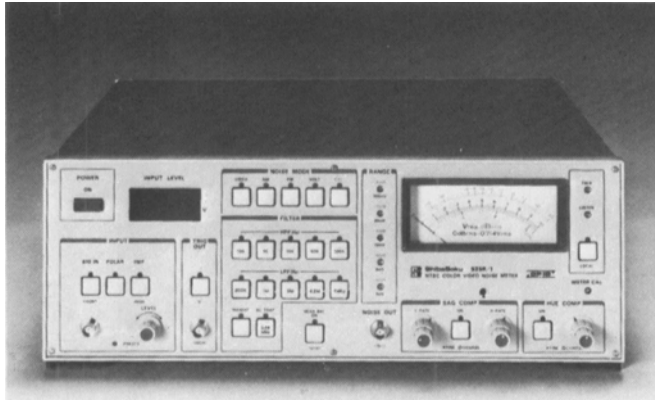


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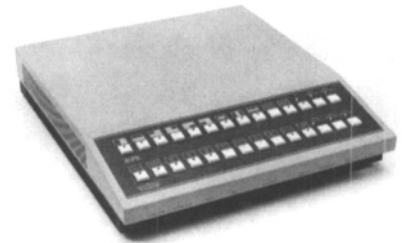
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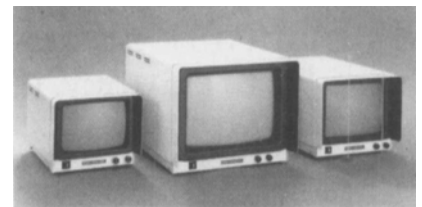
Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers statements, and publication of these items does not constitute endorsement of the products or services.



ALTA Pyxis digital video production system

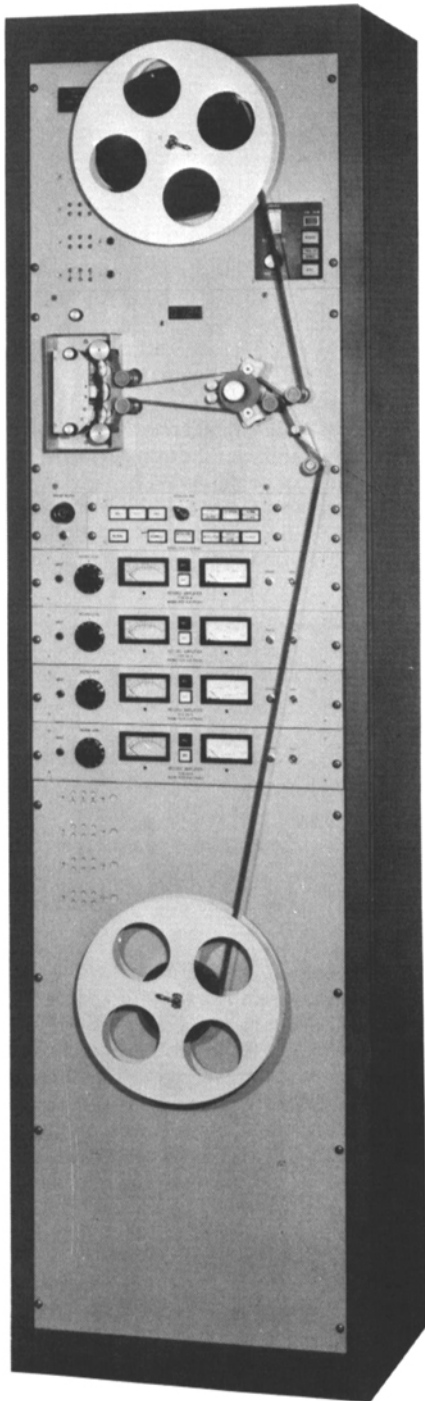
The **Pyxis digital video production system** has been introduced by The ALTA Group, 533 Race St., Suite 230, San Jose, CA 95126. The system is an integrated work station, containing the necessary features for all kinds of production, without requiring switchers. The Pyxis contains two 16-line window digital time-base correctors and a wide selection of wipes, soft wipes, dissolves, and digital effects. It will also accept live video inputs from any genlockable camera.

The **Oscarvision portable VHS video system** has been introduced by Yanelle Audio Visual, Inc., One Colahan St., Stamford, CT 06902. Professional features of the Model L54 include a high-resolution 5-in. color monitor, high-quality audio and picture circuits, audio and video dub, and 3-speed record/playback capability. The unit occupies $\frac{2}{3}$ ft³ of space and weighs 17 lbs.



Sierra video monitors

The **HD-1200 series of high-performance video monitors** is available from Sierra Scientific, 1173 Borregas Ave., Sunnyvale, CA 94089. The seven monitors in the series feature 40-MHz video bandwidth, automatic lock to any line rate from 525 to



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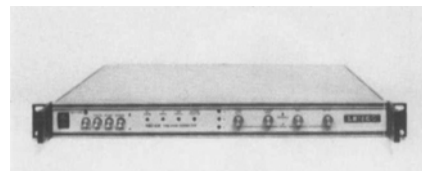
For detailed specifications or an on-site demonstration of the 716A or any of the Cipher Digital series 700 Time-Code products contact:



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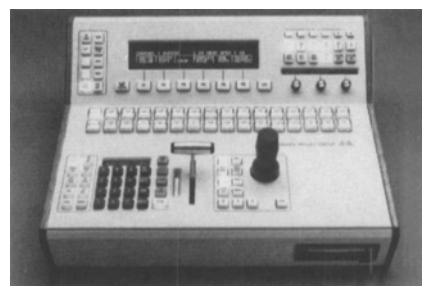
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1225, and resolution in excess of 100 pixels/in. A modular electronic chassis, designed into all seven units, delivers 1% combined distortion and nonlinearity. The video monitors accurately reproduce high-resolution, monochrome, gray-scale images.



Lenco TBC-450 digital TBC

The TBC-450, a totally digital time-base corrector, has been announced by the Electronics Div., Lenco, Inc., 300 N. Maryland St., Jackson, MO 63755. The compact TBC-450, with its low power consumption, requires no external cooling. It has been engineered to keep downtime to a minimum. The unit performs in a wide range of professional broadcast applications, and features digital pixel-by-pixel dropout compensation, 58-dB SNR, and an advanced sync output signal.



Grass Valley DPM-1 digital effects system

The Kaleidoscope™ DPM-1 flexible digital effects system has been introduced by Grass Valley Group Inc., P.O. Box 1114, Grass Valley, CA 95945. The multi-channel system can create up to five-channel effects, and systems can be configured to allow assignment of channels among as many as four control positions. The DPM-1 can select both video and key inputs during an effect, and two videos (front and back) and two associated key signals in each key frame.

The VECS-8000, an automated editing system using a Sony BVE-800 and IBM PC interface, has been introduced by Color Systems Technology, 7080 Hollywood Blvd., Los Angeles, CA 90028. The interface board and computer software manipulate edit decisions made on Sony's video editor by using the PC's powerful memory capacity. Edit decisions can be transferred, stored, and manipulated, then recorded on diskette. The system provides portability for the thousands of time-code numbers and event descriptions found in typical edit decision lists.



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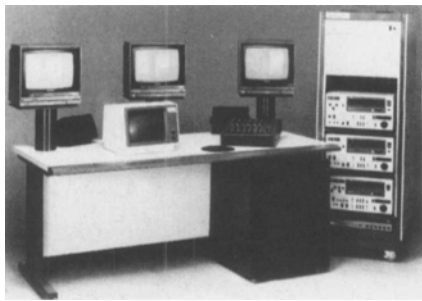
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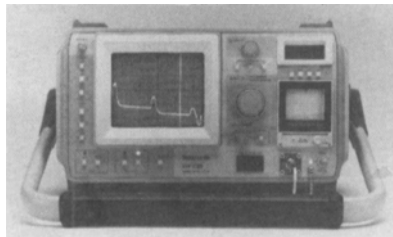
BOSCH



BHP EnVision editing system

EnVision, a videotape editing system, has been announced by BHP, Inc., 1800 Winemac Ave., Chicago, IL 60640. EnVision can make virtually instant changes, and can "view" those changes and the rest of the production in seconds. The versatile editor can sync five times faster than on a film flatbed, and can also edit picture and multiple sound tracks separately. With EnVision, the user sees no gaps or "black holes," no matter how many short scenes are cut in.

The **OF235 fiber-optic reflectometer**, the **OF192 fiber-optic bandwidth test set**, and an **application software package** have been announced by Tektronix, Inc., P.O. Box 500, Beaverton, OR 97077. The switchable OF235 makes quantitative, calibrated loss and distance measurements on single-mode fiber at either the



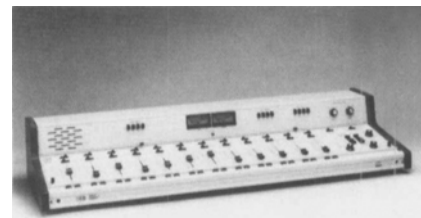
Tektronix OF235 reflectometer

1300 or 1550-nm wavelength. The product is microprocessor controlled and offers easy and accurate measurements. Other features include full-screen display, single-purpose controls, wide dynamic range, 1-m resolution, and a choice of six connectors.

The OF192 fiber optic bandwidth test set (BWTS) consists of two units, the OF192T transmitter and the OF192R receiver. The BWTS can make bandwidth and loss measurements on graded index multi-mode optical fibers up to 1.450 GHz at 850 and/or 1300 nm automatically. Two-wavelengths modules can be installed at any one time with bandwidths at both wavelengths appearing automatically on the LCD display.

GRASP[®], is the first in a family of application software packages called TekSPANS. GRASP enables an engineer or technician to automatically make a variety of spectrum analysis measurements

such as swept frequency, signal analysis, harmonic distortion, SNR, amplitude modulation, and frequency response. The new software is designed to run on the IBM PC and compatibles, the Hewlett Packard 200 series (9826 and 9836) controllers, and the Tektronix 4041 controller.



JBL UREI 1690 broadcast console

The **UREI 1690 series of 12-channel broadcast console units** has been announced by JBL Professional, 8500 Balboa Blvd., Northridge, CA 91329. The series contains three models, each featuring a different system of mixer controls. Common to all three is the SNR of the microphone channel: more than 74 dB with -50 dBm input and +4 dBm output, or more than 90 dB referenced to maximum output. Each console has one monaural transformer-isolated microphone input preamplifier and 11 stereo line input preamplifiers.

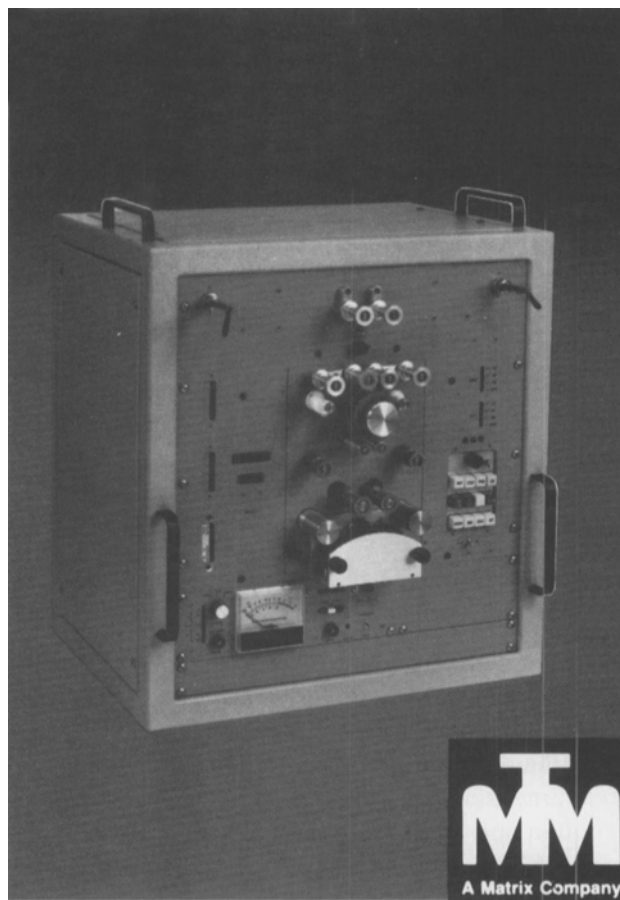
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This level of performance is usually only found in larger, more expensive units, but Multi-Track Magnetics' unique DC Servo Drive and compact Microprocessor control system makes it possible to pack big performance features into a small package. The 104B/DCS is equipped with MTM's #8500 Microprocessor controlled DC Servo Drive System and features Servo Controlled DC Torque Motors. The #8500 Microprocessor controlled DC Servo Drive features all electronics on one plug-in card, Built-in Pilot Tone Resolve for Recorders, 16/35mm film speeds, selectable 24/25/30 fps, Built-in Interlock (will interlock with 240HZ, 1200HZ or 2400HZ via Bi-Phase Clock), manually variable slew control and RS 232 Buss. The 104B/DCS is available in all standard film formats, and is compatible with the DataKode[®] System. The 104B/DCS is a 19" rack mountable unit, or is available with an optional Heliarc Welded aluminum enclosure with optional front cover. Other options available include clutched flywheels and film lifters for High Speed operation.

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AmpeX ATX-100 digital repositioner

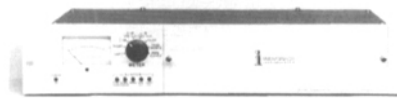
The ATX-100 with zoom, an economical digital repositioner, has been made available to post-production facilities by AmpeX Corp., 401 Broadway, Redwood City, CA 94063. The unit provides existing telecines with a full range of sophisticated picture-manipulation capabilities during film-to-tape transfers. The repositioner connects easily to existing telecines, and its signal system accepts RGB video signals from the telecine. The ATX-100's keyboard and computer system fully control positioning parameters in the X and Y positions, size, X and Y aspects, and optional Z axis rotation modes.

The da Vinci, a scene programmable 16-vector color corrector, has been introduced by VTA Technologies, Inc., 2040 Sherman St., Hollywood, FL 33020. The unified system provides the colorist a high



VTA da Vinci color corrector

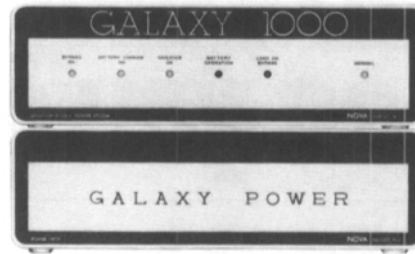
degree of selectivity in controlling a scene's colorimetry. The da Vinci handles film-to-tape or tape-to-tape transfers; accepts RGB, YIQ, or R-Y, B-Y, G-Y components, and Betacam and M formats. It can correct NTSC or PAL composite video signals without the use of decoders or encoders.



Inovonics Model 710 TV stereo generator

The Model 710 television stereo generator, manufactured by Inovonics Inc., is being marketed through MARCOM Corp., P.O. Box 66507, Scotts Valley, CA 95066. The stereo subcarrier and pilot are

digitally synthesized with high-resolution 24-step segmentation, resulting in spectral purity. Stable multi-pole L/C program audio matrix filtering is Lefferson-assisted for complete pilot protection. The generator's noise-reduction circuitry includes a 3-point separation trim to compensate for possible STL and aural transmitter phase coherence deficiencies.



Nova Galaxy 1000™ power system

The Galaxy 1000™ power system for computer loads, process control equipment, and communications systems has been announced by Nova Electric Manufacturing Co., 263 Hillside Ave., Nutley, NJ 07110. The system has a solid-state transfer switch and its front panel includes lamps that provide information on system status. The system has an audible noise level of less than 60 dBA at full load. Its distortion is less than 3% THD, and the output power is 1000 VA.

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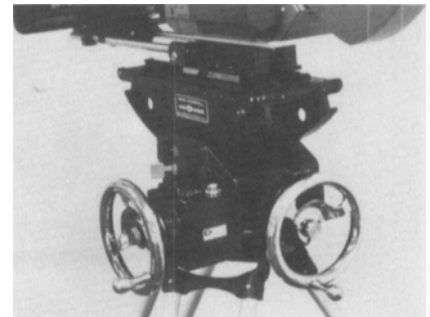
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Jeff Engel

Six software enhancements for the SP2016 effects processor/reverb have been developed by Eventide Inc., One Alsan Way, Little Ferry, NJ 07643. The four reverberation programs — reverse, non-linear, natural, and gated reverb — give the SP2016 a total of ten in the entire package. The two other software enhancements, automatic panner and channel vocoder, are available as options.



Cinema Products cable-drive geared head

A continuous pan version of the Mini-Worrall cable-drive geared head has been announced by Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025. This version provides greater latitude, and features two improved positive lock-down systems. Both pan and tilt handwheels are outfitted with easy access detente lock levers to activate the system's sure-control drag brakes. A positive pan drum lock assures dependable tie-down.



Wheelit Model IFP-20 cart

The IFP-20 heavy-duty cart is available from Wheelit, Inc., Box 7350, Toledo, OH 43615. Designed to safely transport AV equipment, the cart has a 21-in. wheel base, 5-in. swivel casters, and 12-in. vibration-free pneumatic tires. Videotaping can be accomplished directly from the vehicle with the addition of an optional elevator column and head. The cart will accommodate a camera, VCR with electronic editing, monitor, camera control unit, ac adapters, and batteries or battery packs.