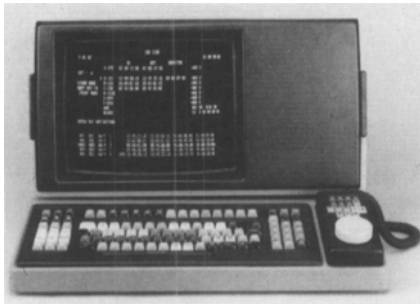


New Products

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.



CMX 3100 editor

The **CMX 3100 computer-assisted video-tape editor** has been introduced by CMX Corp., 2230 Martin Ave., Santa Clara, CA 95050. The unit was designed to replace the CMX 340XL. New and enhanced features include multiple edit-decision list (EDL) files on a single floppy disk, EDL memory up to 900 lines, auto-clean, match-cut calculate, and switcher

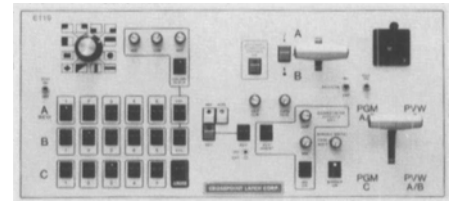
memory. The 3100 editor is an 8-24 port system using single intelligent interfaces or the new serial RS232/422 Multi I² for high-performance distributed processing.



Studer 962 mixing console

The **961/962 series of compact mixing consoles** has been introduced by Studer Revox America Inc., 1425 Elm Hill Pike, Nashville, TN 37210. A 961 frame accepts up to 14 30mm modules, while a 962 holds up to 20 modules. The mixers offer stereo line level input modules, with or without a 3-band equalizer section. The equalizer is standard in the mono microphone/line input module. The 961/962

series is designed for a wide range of applications in video editing, remote video production, radio production, and remote recording.

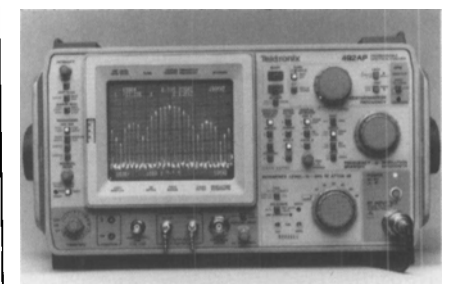


Crosspoint Latch 6119 switcher

The **6119 production/post-production switcher** has been announced by Crosspoint Latch Corp., 95 Progress St., Union, NJ 07083. This addition to Crosspoint's line of switchers has a genlock sync generator with black burst outputs that can lock other devices. All of the switcher's five inputs can be used without another sync generator. The 6119 features 12 bordered patterns, a joystick positioner, and automatic or manual transitions. The mix/effects system can be dissolved to a third input or to black.

The **ES-900 cuts-only audio/video switcher**, manufactured as a component for the EMME™ computerized editing system, has been announced by EECO Inc., P.O. Box 659, Santa Ana, CA 92702. The switcher allows EECO's EMME system to be used in a simple 2 or 3-VTR off-line configuration and is directly controlled via RS-422 serial communication. Available interfaces enable the editor to access the wipe patterns, dissolve, and key functions on the production switcher.

The **PCA-902A switcher control** has been announced by Dynair Electronics, Inc., 5275 Market St., San Diego, CA 92114. The unit features status display on an 8-digit green LED panel. It functions as an audio-follow-video control of switching systems up to 1000X1000, and permits audio breakaway and split-level switching to four levels. The PCA-902A shares the same hardware and software modules as the other switcher controls in Dynair's Series 1.



Tektronix 492AP spectrum analyzer

Two **325-GHz spectrum analyzers**, Models 492A and 492AP, have been announced by Tektronix, Inc., P.O. Box 500,

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board to enter or read data and check system operation, plus a seven segment, eight digit LCD readout. Of course, the recording quality, the functionality, are what you've come to expect from Nagra...just this side of perfect. Send for specifications and details, you'll flip.

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TFT 850 BTSC monitor

A new configuration of the Model 850 BTSC aural modulation monitor has been announced by TFT, Inc., 3090 Oakmead Village Dr., Santa Clara, CA 95051. Model 850-1450 operates directly from the output of Tektronix's updated Model 1450 TV demodulator. The Model 850-1450 is like the basic unit, without the front-end RF and IF circuits.



Vii Model 2503A test pattern generator

The Model 2503A programmable test pattern generator has been announced by Visual Information Institute, Inc., P.O. Box 33, Xenia, OH 45385. The Model 2503A is configured especially for performance evaluation of monochrome medical imaging devices in which low-contrast detail reproduction is important. The 5 and 95% contrast flags in the gray scale test pattern verify that the subtle contrast variations are properly reproduced, not obscured by improper display calibration. The Model 2503A has permanent memory capacity to store 69 separate rasters.



RE Instruments RE108 signal generator

The RE108, a synthesized signal generator for testing AM/FM radios, tuners, and RF subassemblies, has been introduced by

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A tape tension gauge for Sony, Ampex and Hitachi 1" Type "C" video recorders that will allow fast, easy measurements to make sure that the tape will interchange—tension measurement assures that servo arms and amplifiers are adjusted properly. The New T2-H18-CBD has small ball bearing probes to eliminate tape drag effects on the servo. The T2-H18-CBD reads directly in both grams and ounces on its special high resolution scale. Price \$690 for recording peace of mind. (Don't wait for the editor to tell you of a tension problem.)



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RE Instruments Corp., 31029 Center Ridge Rd., Westlake, OH 44145. The instrument offers high performance in stereo separation, harmonic distortion, SNR, and spurious level. The signal generator has a spot frequency function that provides testing capability to handle devices with SNR as high as 90 dB (in mono) and 80 dB (in stereo).

A series of three microphone switchers has been announced by FSR, Inc., 40 Commerce Rd., Cedar Grove, NJ 07009. The MIC-1 can be used to switch between a podium microphone and a lavalier microphone when both units have separate lines to the mixer. The MIC-2 is used if both microphones feed one mixer output. The MIC-8 Hi-Z switches a maximum of 8 different audio sources to a single output. Each switcher can be installed quickly in its own mounting track and features barrier-strip mounting.



SciTech 142 TIBEC

The 142 TIBEC, a time-base equalizer and corrector with a unique video processing capability, has been announced by Sci-Tech Corp., 1450 N.W. 78th Ave., Miami, FL 33126. The TIBEC is able to equalize the time base of one VCR to the time base of another VCR, or to the time base of nonstandard video sources. The unit has an internal reference timing generator and a video processor that corrects and enhances the slave VCR video.

The A810 line of recorders, two additions to the A820 recorder line, and the A725 QC compact disc player have been announced by Studer Revox America, Inc., 1425 Elm Hill Pike, Nashville, TN 37210. The microprocessor-controlled A810 recorder line, designed for specialized film production applications, provides flexibility for recording, playback, and machine synchronization with Neopilot, FM pilot, and SMPTE time code.

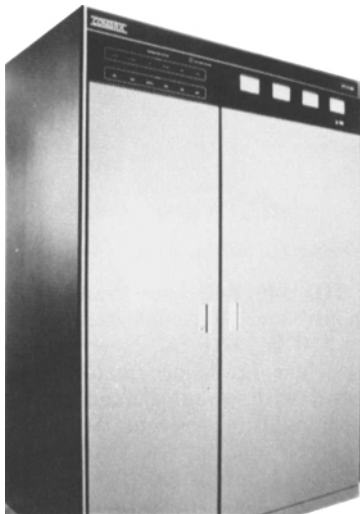
Two new versions of the A820 analog mastering recorder — the A820-2-1/2-in., for 1/2-in. stereo and the A820-TC, for 1/4-in. stereo with center-track SMPTE code — have been added to the line.

The A725 QC, a specialized version of Studer's A725 CD player, retains all the features of the latter while offering several additional digital outputs. One output provides access to the digital audio data immediately before the A/D converters, while another output accesses the high-frequency disc data stream. The A725 QC also allows access to subcode data and the block error rate counter.



Lynn Greenberg color teleprompter

An advanced teleprompter has been announced by Lynn Greenberg Electronic Teleprompting, 9439 Via Monique, Burbank, CA 91504. The system features access to more than 4000 lines of text, smooth scroll, variable line margins, several font selections, and full-screen editing. The portable teleprompter transfers scripts directly from the writer to on-camera use, and easily mounts to all cameras.

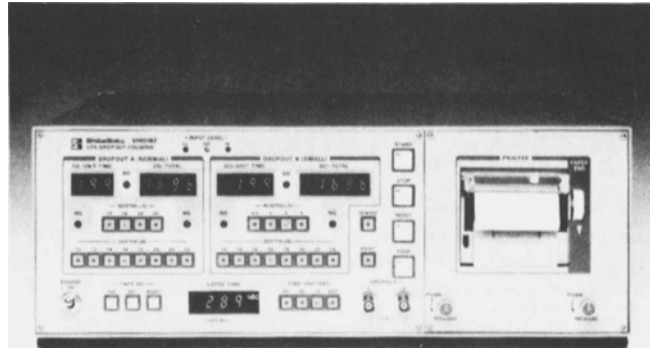


Comark medium-power transmitter

The T Series of transmitting systems has been announced by Comark Communications, Inc., P.O. Box 275, Colmar, PA 18915. The medium-power transmitters incorporate high-temperature protection circuitry with LED overtemperature indicators. Other features include 100% forced-air cooling, IF modulation, filtered cabinet cooling, overload and VSWR protection, and circuit-breaker-protected power supplies. All systems in the series are stereo-ready.

The 8K 8000-W softlight has been introduced by BW Lighting Systems, P.O. Box 470162, Tulsa, OK 74147. The softlight uses four lamps that can be individually switched using a marine grade switch. The

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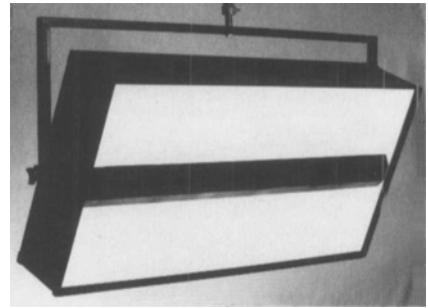
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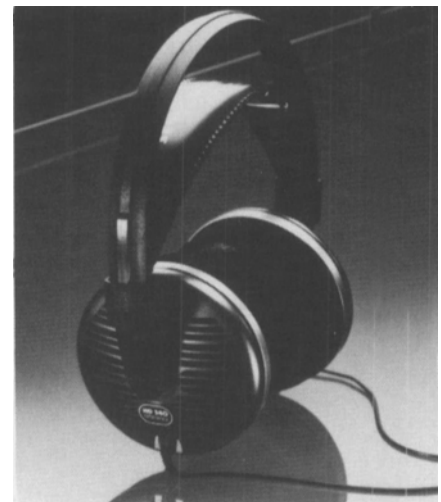
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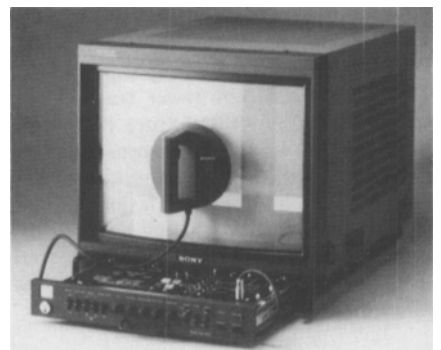
BW 8K softlight

24x48-in. aperture creates soft, even, virtually shadow-free light. The 8K, manufactured from high-strength aluminum, has a tilt-down light bar that allows for fast, accurate relamping.



Sennheiser HD 540 Reference headphone

The HD 540 Reference headphone has been introduced by Sennheiser Electronic Corp., 10 W. 37th St., New York, NY 10018. The headphone features a diaphragm with integral acoustical silk dampening. It incorporates the new RFT technique, resulting in virtually resonance-free transmission (from 16 to 25 Hz) and excellent transparency throughout the entire tonal spectrum.



Sony BKM-2052 automatic setup device

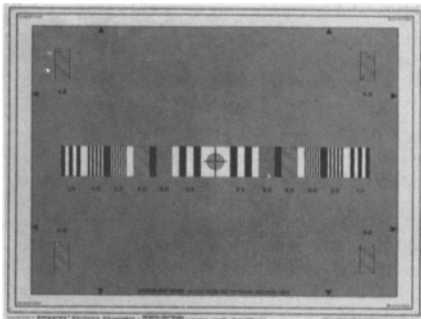
The BKM-2052, a time-saving setup device for use with the BVM-1900 line of color monitors has been announced by

Sony Broadcast Products Co., Sony Ridge, Park Ridge, NJ 07656. The BKM-2052 allows the setting of white balance, black level, saturation, and hue in less than 90 sec, thus eliminating hours of daily tuning and tweaking. Monitor calibrations are obtained automatically by adhering the BKM's suction probe to the face of the monitor CRT. This probe feeds output into a custom-installed circuit board, which makes the necessary adjustments in the monitor.



Ampex 467 digital audio cassette

The 467 U-Matic digital audio cassette has been introduced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. Offering reliable PCM performance, the cassette features a cross-linked co-polymer oxide binder system that withstands repeated plays without signal loss or error buildup. This system allows for extensive editing without exceeding the PCM converter's digital error-correction range.



Porta-Pattern depth-of-modulation test chart

An updated depth-of-modulation test chart for TV camera resolution measurement has been introduced by Porta-Pattern, Inc., P.O. Box 38945, Los Angeles, CA 90038. The chart allows determination of the complete MTF characteristic from a single waveform display. In addition to the central resolution pattern, the chart features sizing setup references for 1 and 2/3-in. camera pickup tubes, a wobble circle in the center for beam alignment, and 4-MHz burst patterns at the corners.

Three TekMAP software products have been introduced by Tektronix, Inc., P.O. Box 500, Beaverton, OR 97077. The

7854/HP Series 200, 7D20/HP Series 200, and 7D20/IBM PC time and amplitude measurement software (TAMS) link two Tektronix 7000 Series oscilloscopes to IBM and Hewlett Packard controllers. The software packages can boost laboratory productivity by automating and expanding the storage and analytical capabilities of the 7D20 programmable digitizer and the 7854 digital storage oscilloscope. The products allow the oscilloscopes to work more efficiently by automating test and measurement functions.

The Tiffin special effect viewing filter kit has been announced by Birns & Sawyer, Inc., 1026 N. Highland Ave., Hollywood, CA 90038. Among the 50 filters in the kit



Birns & Sawyer filter kit

are coral, diffusion, double fogs, enhancing, fog, low contrast, soft contrast, sepia, star, and softnet. Also included is an eyepiece/filter holder.

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High Speed Recorder/Reproducer

MTM's 108 Series of "HIGH SPEED" 15X Recorders and Reproducers feature the #M-5800 Microprocessor Controlled DC Servo Drive and Logic Controlled DC Servo Torque Motors.

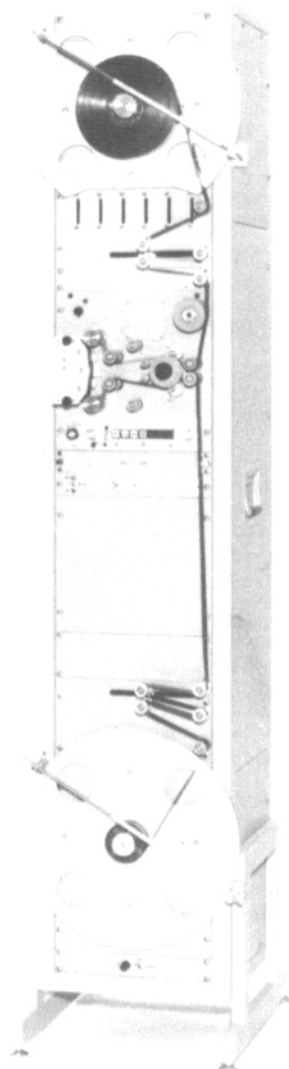
The Model 108/DCS is ideal for following High Speed Flying Spot Scanners or VTRs. Available in 16mm, 35mm, 16/35mm and 17.5/35mm formats.

The Model 108/DCS is compatible with the new DataKode® System

FEATURES:

- 15X Speed Capability
- 24/25/30 fps Operation Selectable
- 0 to Sync Speed in less than 10ms (Motor)
- Variable Speed Control from 0-15X in Local and Remote
- Built-in Interlock Feature
- Will Interlock with 240Hz, 1200Hz, 2400Hz Bi-Phase Clock via Shaft Encoder
- Optical Reproducer (Optional)
- 4 Interlock Buss Input
- Slaves to 59.94
- Optional Frame/Footage Counter
- Advance/Retard ± 99 Frame Offset from Master
- Locks to Line, External and Pilot Tone
- Built-in Pilot Tone Resolve
- Interchangeable Pre-Aligned Head Assemblies
- All Controls Remotable

Multi-Track Magnetics, Inc.
3 INDUSTRIAL DRIVE
UPPER SADDLE RIVER, NJ 07458



Price Starts at \$13,500.
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