

New Products

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



JVC KR-M860U VCR

The KR-M860U and KR-M800U editing VCRs have been introduced by JVC Co. of America, 41 Slater Dr., Elmwood Park, NJ 07047. The KR-M860U, an MII format VCR, is designed for broadcasters, production houses, and post-production facilities. Suitable as a stand-alone editor or with an edit controller, the machine controls a source VCR via a 9-pin serial

remote connector. The performance features of the KR-M860U include automatic editing, automatic tracking, and high-speed search. The VCR's signal-to-noise ratio is 49 dB for the luminance signal and 47 dB for composite signals.

JVC's KR-M800U, like the KR-M860U, is an MII format VCR that can be used either as a stand-alone unit or with a variety of edit controllers. The KR-M800U has Chroma Time Compressed Multiplexing (CTCM), which enables it to maintain picture quality over several generations of recording and playback. The VCR also features SMPTE time-code input and output, high-speed search, a jog mode, and Dolby C noise reduction. It is equipped with a 45-pin parallel connector.

A time-base corrector and time-code reader have been put on the market by FOR-A Corp. of America, 320 Nevada St., Newton, MA 02160. Available for either the NTSC or PAL standard, the FA-450 digital time-base corrector handles any analog component, Y/C dub, or composite signal. The versatile TBC features transcoding interface capability, full-



FOR-A FA-450 digital TBC

frame correction, color picture freeze, dropout compensation, and dynamic tracking.

FOR-A's new time-code reader, the TCR-3300, also available in an NTSC or PAL version, offers automatic or manual selection of longitudinal and vertical interval time code for reading from still image to 110 times normal speed. The features of the instrument include video title generation, selectable black and white characters, and two data I/O ports for external time-code input and remote control.

A frequency and time-interval analyzer has been introduced by Hewlett-Packard Co., 1820 Embarcadero Rd., Palo Alto, CA 94303. The HP 5371A provides high-speed analysis and characterization of frequency, phase, time interval, and jitter to

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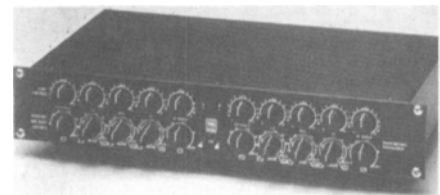
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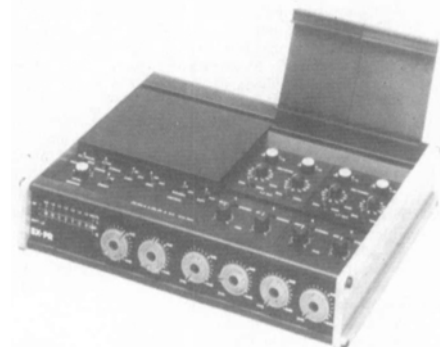
Hewlett-Packard HP 5371A analyzer

500 MHz. For continuous measurements without lost information, the analyzer incorporates a two-channel, counter-like measurement unit with wide-bandwidth input and triggering circuitry. The HP 5371A displays numeric results, time profiles, histograms, and event-timing graphs. The instrument is targeted for test-and-measurement applications in digital communications, data storage peripherals, and electrical and mechanical systems.



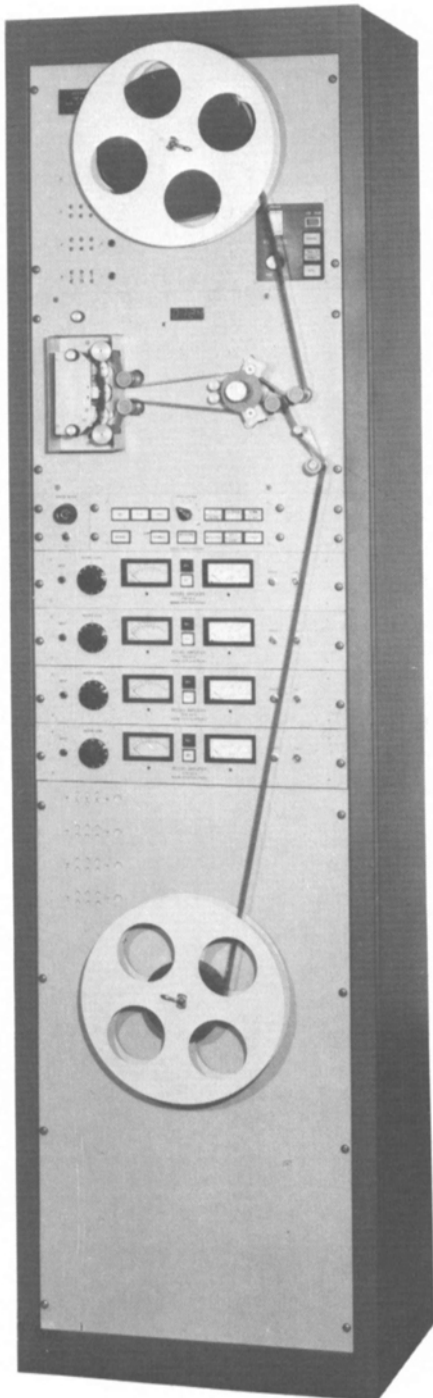
Sontec MEP-250C equalizer

A stereo equalizer has been announced by Sontec Electronics, Audio Dr., Goldbond, VA 24094. The MEP-250C features low-noise audio processing, silent EQ switching, low distortion, and a slew rate of over 200 V/ μ sec. Equalization frequency bands are continuously variable from 10 to 800 Hz (low band), 120 to 8,200 Hz (midband), and 400 to 26,000 Hz (high band), each with a slope of 5 to 15 dB/octave. The MEP-250C is designed for both sound recording and broadcast operations.



Professional Sound Sonosax SX-PR mixer

A line of stereo mixers has been announced by Professional Sound Corp., 5707 Cahuenga Blvd., N. Hollywood, CA 91601. The mixers in the Sonosax SX-PR Series can be used for ENG or EFP stereo recording applications. They are compact and available in three different sizes. Key specifications include a frequency response of ± 0.5 dB and input noise of -129.2 dB.



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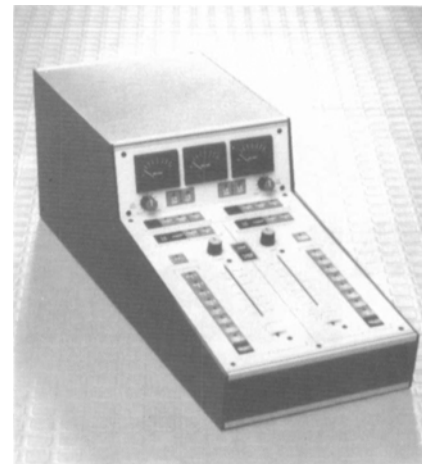


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Film-Tech VTM-800 audio mixer

The VTM-800 mixer has been announced by Film-Tech Electronics Ltd., Willowbrook, Crickhowell Rd., St. Mellons, Cardiff CF3 0EF, England. The VTM-800, featuring eight inputs, transfers and controls audio signals during video editing. It has a line-up oscillator, low-frequency cut filters, high-pass filter, and switchable insert point for external signal processors. Three peak-to-peak meters measure the outputs and tape return level of the VTM-800.



AKG Acoustics Soundtracs FME mixer

A mixer and two microphones have been placed on the market by AKG Acoustics, Inc., 77 Selleck St., Stamford, CT 06902. The FME mixer, manufactured in England by Soundtracs, Plc., offers full modularity of inputs, outputs, and groups. It can be configured for a variety of applications, including live broadcast, video post-production, theater installations, and 4 or 8-track recording. The FME's 12 LED bargraphs display data on input metering and power supply.

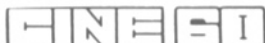
The C-562 and C-522 microphones are manufactured by AKG. The former is a prepolarized condenser microphone with a frequency response of 20 to 20,000 Hz and signal-to-noise ratio of 78 dB. The C-562 can be mounted on floors, ceilings, and other surfaces. The C-522, a handheld microphone, has two cardioid condenser capsules. Its electronics and transducer are elastically suspended and isolated from the housing and connector to prevent noise from the cable or from handling.

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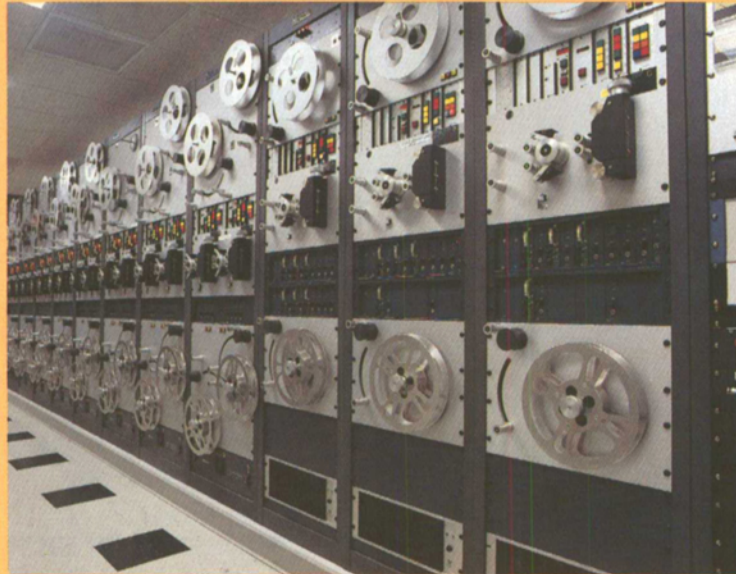
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The TRAM TR-50 lavalier microphone has been announced by Alan Gordon Enterprises Inc., P.O. Box 315, Hollywood, CA 90078. A miniaturized microphone, the TRAM TR-50 is adaptable to all wireless transmitter systems. Its frequency response is from 40 to 15,000 Hz, and it features an output level of -57 dB and noise level of 26 dB SPL nominal. The microphone has negative bias, along with a nominal impedance of 5000 ohms.

A lens for 60mm motion-picture cameras has been announced by Optical & Textile Ltd. (OpTex), 22/26 Victoria Rd., New Barnet, Herts. EN4 9PF, England. The f/2.8 macro lens, made from Zeiss optics technology, focuses down to a magnification ratio of 1:1. The lens weighs less than 2 lb., and its filter size is 67 mm. The product is supplied with an Arri Bayonet mount, making it suitable for 16mm film cameras.



Wide Range Model 9210-A degausser

The Model 9210-A degausser has been put on the market by Wide Range Electronics Corp., 140 Sun Valley Circle, Fenton, MO 63026. The unit provides approximately 3000 effective gauss levels to erase tapes of up to 16 in. in diameter and 2 in. in width; it also erases audio and video cartridges, cassettes, and floppy disks. The Model 9210-A features pilot lights, high-performance output coil, two 15-amp fuses, and a heavy-duty composite plate. It is available for 115- and 230-V operation.

The Sylvania BriteArc™ lamp has been introduced by GTE, 100 Endicott St., Danvers, MA 01923. Designed for film, theatrical, and television studio applications, the BriteArc's 12,000-W light source produces 1.1 million lumens of light. The average rated life of the lamp is 300 h. Available in either 240 or 360 V, the BriteArc can withstand shock and runs somewhat cooler than other studio lamps.

The Aconic reflector has been announced by Xetron Corp., 10 Saddle Rd., Cedar Knolls, NJ 07927. The computer-designed Aconic has no defined F2 crossover point; the typical "hot center" has been distributed over the entire aperture of the

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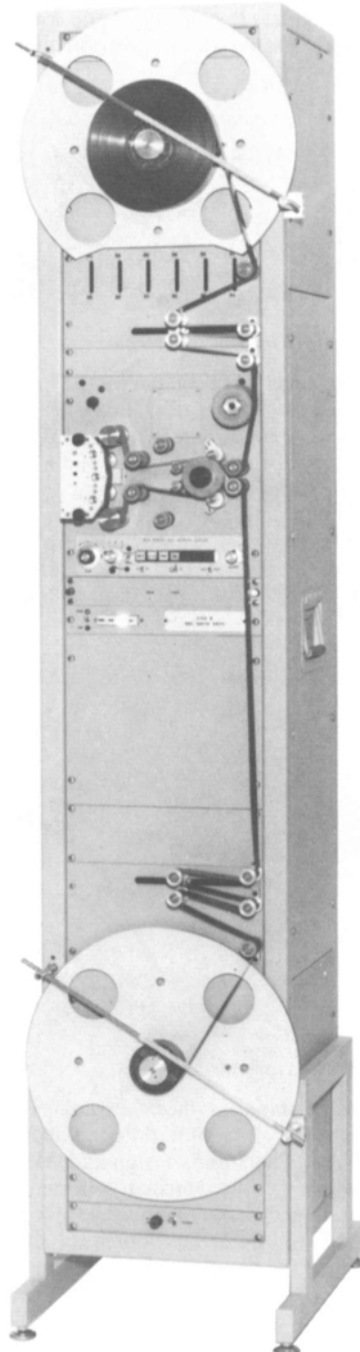
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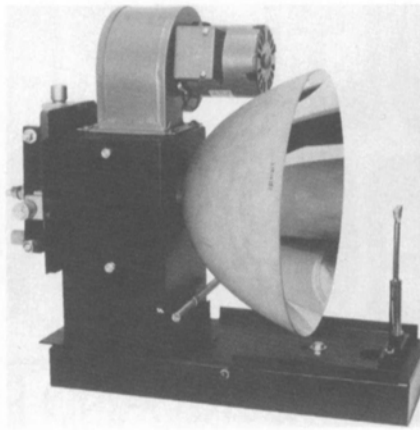
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Kinetronics KineStat film cleaner

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Bencher M3 camera stand

A camera stand has been introduced by Bencher, Inc., 333 W. Lake St., Chicago, IL 60606. The stand, designated M3 by the company, is a vertical column that supports heavy cameras in tabletop copying applications. It has four steel shafts that allow the camera to be easily moved and centered. The M3 also features rack-and-pinion carriage design engineering and variable counterbalancing.

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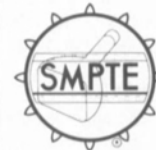
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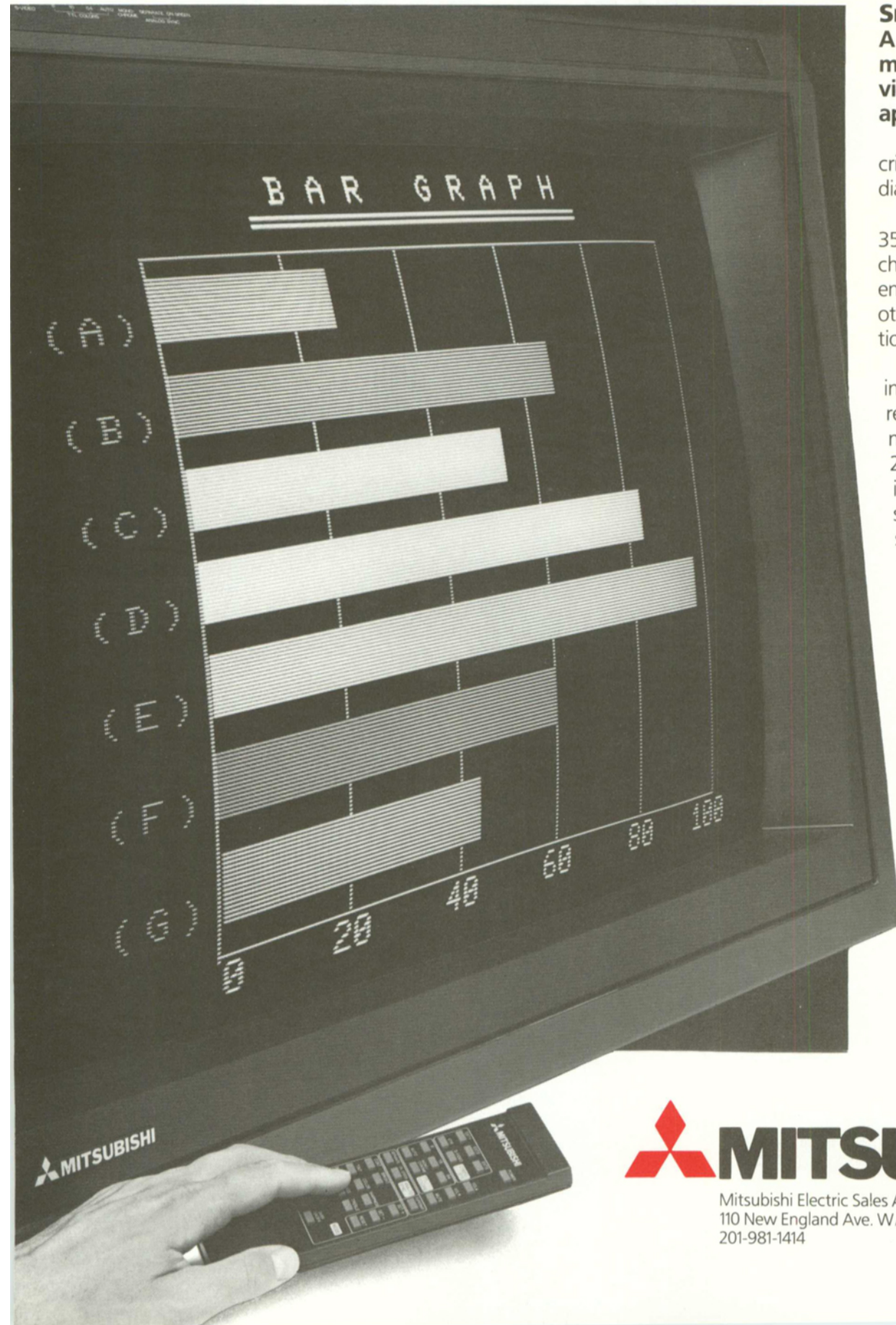
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