

New Products

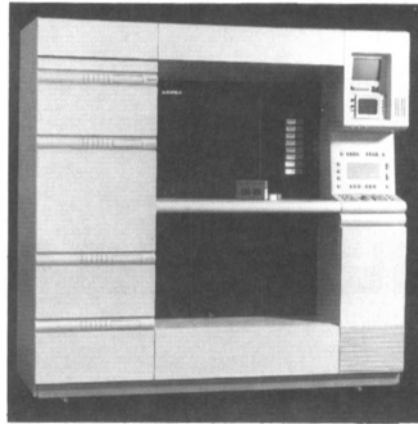
Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.



Avantek AR2000C television receiver

The AR2000C terrestrial interference canceller receiving system has been announced by Avantek, Inc., 481 Cottonwood Dr., Milpitas, CA 95035. By utilizing this C-band system, television stations can receive high-quality video feeds from networks in the presence of narrow-band or wide-band terrestrial interference within the satellite downlink band. The AR2000C receiving system provides a minimum of 20 dB of suppression of inter-

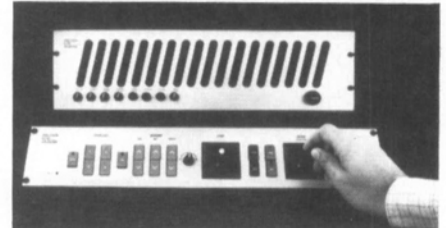
ference from terrestrial microwave signals, with cancellation of up to two interfering carriers from two separate terrestrial sources.



Ampex ACR-225 digital cart spot player

The Model ACR-225, a spot player with full digital video and four channels of digital audio, has been announced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. The system features an on-line storage capacity of 256 cassettes and a

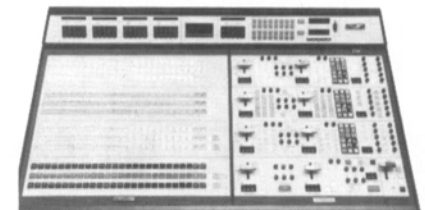
library data base providing identification and history of over 10,000 cassettes. Fast access to the on-line cassettes is provided by transports with instant lock-up, enabling a sequence of 10-sec spots to be played back-to-back. A maximum of four independent transports provides redundancy for dependable on-air play of programmed sequences. The ACR-225 ensures stable performance and lower maintenance costs in the broadcast environment.



Precision Echo Squeezer video compression system

The Squeezer video compression system has been introduced by Precision Echo, Inc., 3105 Patrick Henry Dr., Santa Clara, CA 95054. The system can "squeeze" an image down to four selectable sizes. The user can then position the image anywhere within the raster area and either crop or freeze it, or put a border of color around it. Four adjustable presets can be programmed and stored for recall as needed. Preselectable elements include image size, image position, crop size, crop position, border width, hue and saturation, and freeze or live action.

Two series of audio/video switchers have been announced by Hughes Electronic Devices Corp. (HEDCO), P.O. Box 1985, Grass Valley, CA 95945. The HD-12 12-input/12-output series has been designed to fill the requirements for routing switchers between the company's SR and MR series of small switchers, and its IRS series of intermediate switchers. The HD50 series is expandable by inputs or outputs to a maximum size of 500x600. With its 35-MHz bandwidth and high-definition specifications, the HD50 series of routing switchers is designed to meet the future demands of HDTV.



Vital Industries 3000 series switcher

The 3000 series of production switchers has been placed on the market by Vital Industries, Inc., 3700 53rd Ave. NE, Gainesville, FL 32609. All units in the series feature a powerful keying system

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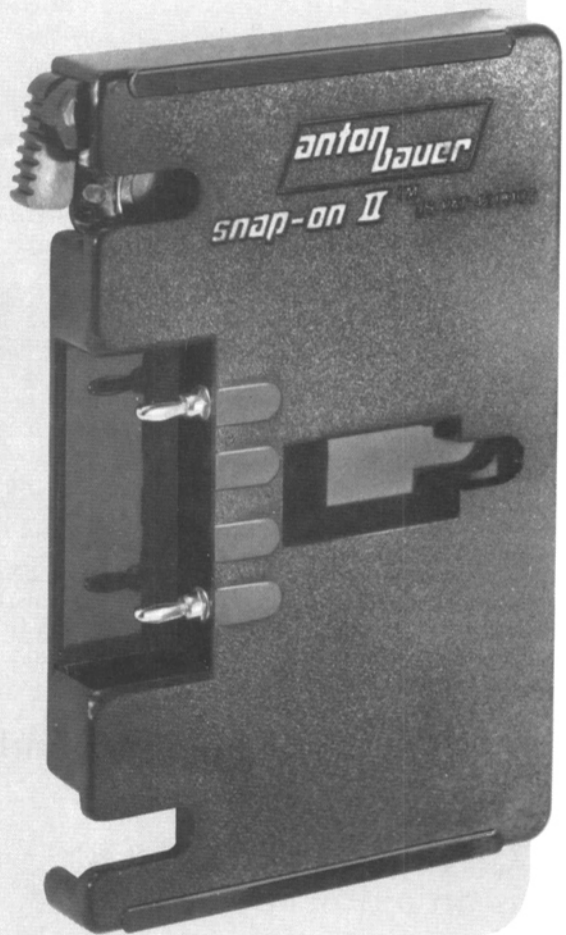
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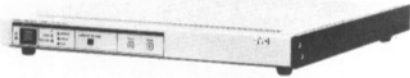
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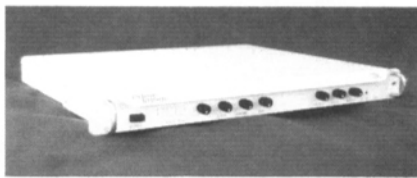
that provides up to four discrete video keys, or a chroma key plus four video keys in each mix/effects system. Automation for the Series 3000 is provided by the company's new PSAS 3000, which features a master command center having the capability to operate any combination of the switcher's sections simultaneously.



JVC Model SA-T100U TBC

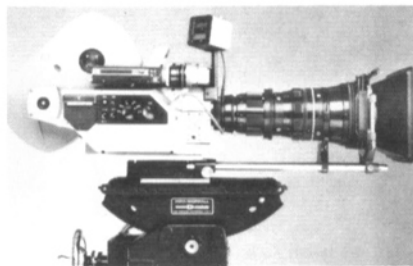
The SA-T100U digital time-base corrector has been introduced by JVC Co. of America, 41 Slater Dr., Elmwood Park, NJ 07407. The TBC has 8-bit digital sampling, at a sampling rate of 4X the subcarrier frequency. Other key features of the SA-T100U, the first digital TBC manufactured by JVC, include full frame memory, genlock function, adjustable vertical blanking, and built-in dropout compensator and subcarrier feedback. The unit is compatible with most of the professional VHS recorders in JVC's line.

The TBC+ time-base corrector with digital effects has been announced by Prime Image, Inc., 19943 Via Escuela, Sarato-



Prime Image TBC+ time-base corrector

ga, CA 95070. Among the special effects delivered by the TBC+ are posterization, sepia, and mosaic. The unit corrects signals from V-locked nonsegmented machines, provides advanced videotape production capabilities, and is compatible with dynamic tracking VTRs. The TBC+ is a full 8-bit, 16-line time-base corrector, with corrected output conforming to EIA-RS-170A.



Cinema Products FX35 35mm camera

The FX35 camera has been placed on the market by Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA

90025. The hand-held 35mm camera is capable of speeds up to 120 frames/sec, forward or reverse, with dual-pin registration. When referenced to an optical printer, the camera provides images which, according to the manufacturer, are "rock-steady." The camera features 400 and 1000-ft magazines, orientable viewfinder, contrast viewing filters, crystal sync speeds, and BNC or PL mount. It has been designed to interface with, and be operated by, a computer.

A remote-control version of the Ultravision 2000 video projector has been announced by Elector USA, P.O. Box 699, Pine Brook, NJ 07058. Operational controls include audio volume, range finder, sharpness, tint, color level, picture contrast, brightness, BR adjust, and video filter. Ultravision 2000 provides an 8-in. diagonal picture.

A 32-channel digital audio recorder, the X-850, has been introduced by Mitsubishi Pro Audio Group, 225 Parkside Dr., San Fernando, CA 91340. The machine provides a total of 45 tracks: two analog cue tracks, two digital auxiliary tracks, one time-code track, and the 40 tracks for the 32 channels of digital audio. The 1-in. tape in the Model X-850 can be cut-and-splice edited, then overdubbed over the mechanical splice. The recorder, which is

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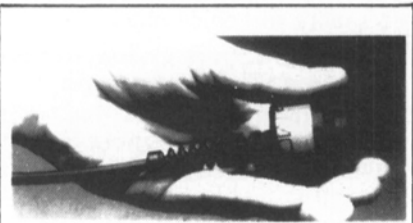
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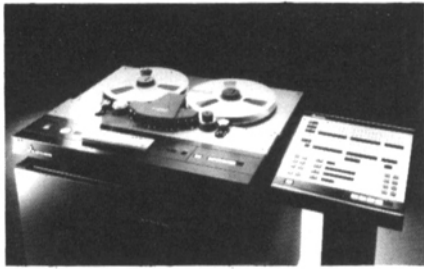
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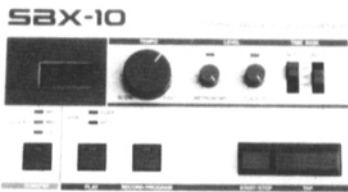
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Mitsubishi X-850 digital audio recorder

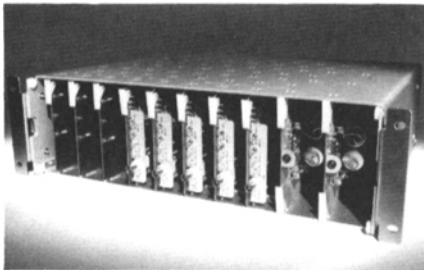
fully compatible with Mitsubishi's X-800, the predecessor model, features remote-control capability.

— Roland



Roland SBX-10 sync box/converter

The **SBX-10 sync box/converter** for the synchronization of synthesizers and other electronic devices has been announced by Roland Corp., 7200 Dominion Cir., Los Angeles, CA 90040. The SBX-10 reads Click, MIDI, DIN-Sync, or time-base signals, then simultaneously synchronizes all of the devices. The unit has two MIDI out connectors, two DIN-Sync jacks, and two time-base out jacks. The model features a memory capacity of up to 1024 quarter notes.



Grass Valley Series 3800 converter

The **Series 3800 impedance converters** have been announced by the Grass Valley Group Inc., P.O. Box 1114, Grass Valley, CA 95945. The two models in the series, the 3801 and 3802, can convert between balanced and unbalanced cable. Conversion is in either direction, providing two simultaneous 75 and 124-ohm feeds from a single 75 or 124-ohm source. Equalization, clamping, and gain adjustment are offered in the Model 3802, but not in the Model 3801.

SMPTE Journal, April 1986

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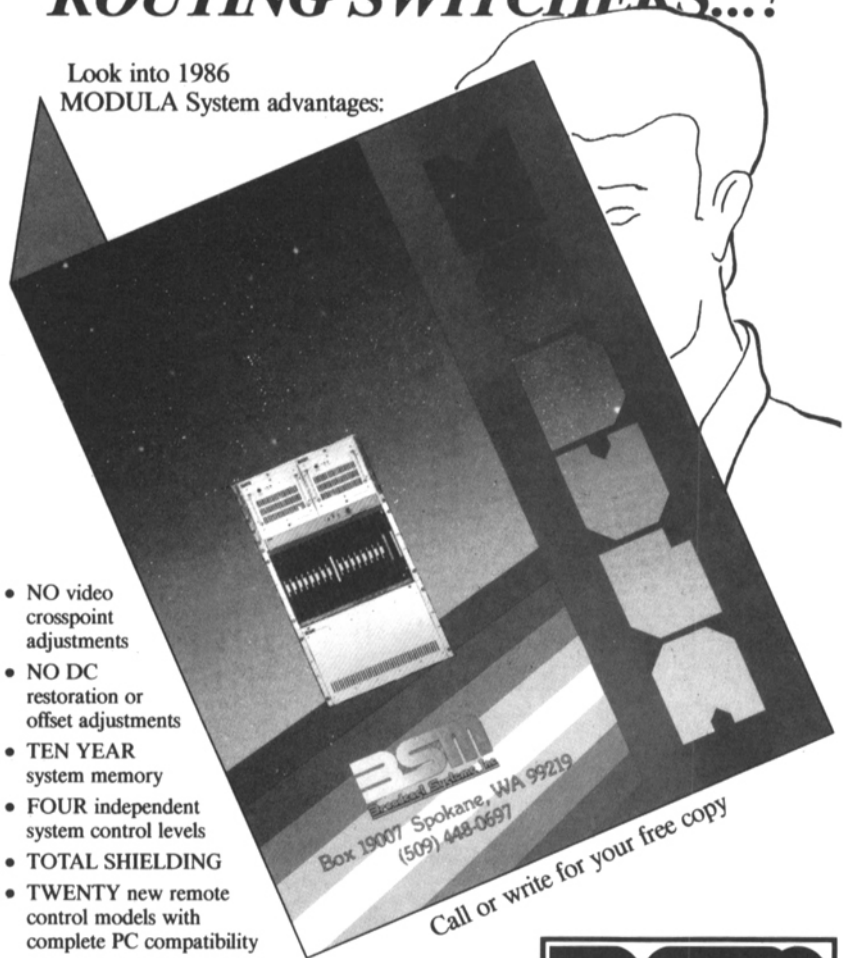
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