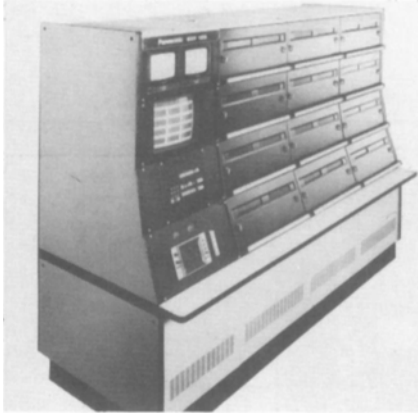


# NEW PRODUCTS

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.

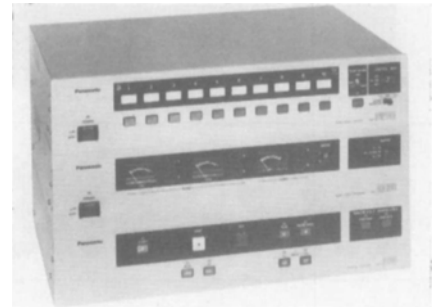


Panasonic MVP-100 video player

The MVP-100 M-Vision multi-function video player using the 1/2-in. M format has been announced by Panasonic Industrial

Co., One Panasonic Way, Secaucus, NJ 07094. Features include up to 24 separate computer-controlled tape transports. With two built-in time-base correctors and a computer, the MVP-100 can be used as an automatic random-access spot inserter, TV program sequencer, and multi-source editor system. Up to 12 hr of programming can be loaded in a single MVP-100. The central computer, which can interface with a total of 24 decks, can then be programmed to stop, start, advance, rewind, cue and preview, and record. The various cassettes may be sequenced in any order for error-free on-the-air programming.

A complete dubbing system, capable of simultaneously controlling up to 40 videotape recorders, has been announced by Panasonic Industrial Co., One Panasonic Way, Secaucus, NJ 07094. The basic system consists of the AG-100 controller, the AG-DA100 distributor, and the AG-SW100 switcher. With a multi-connection system, four dubbing controllers, AV



Panasonic video dubbing system

distributors, and switchers combine to facilitate dubbing with as many as two master VTRs and 40 slave units all at the same time.

A computer-controlled animation compound table has been added to the Forox Series II electronic camera system, it was announced by Forox Corp., 393 West Ave., Stamford, CT, 06902. The Series II has been equipped with the integrated software of the SSA800 computer con-

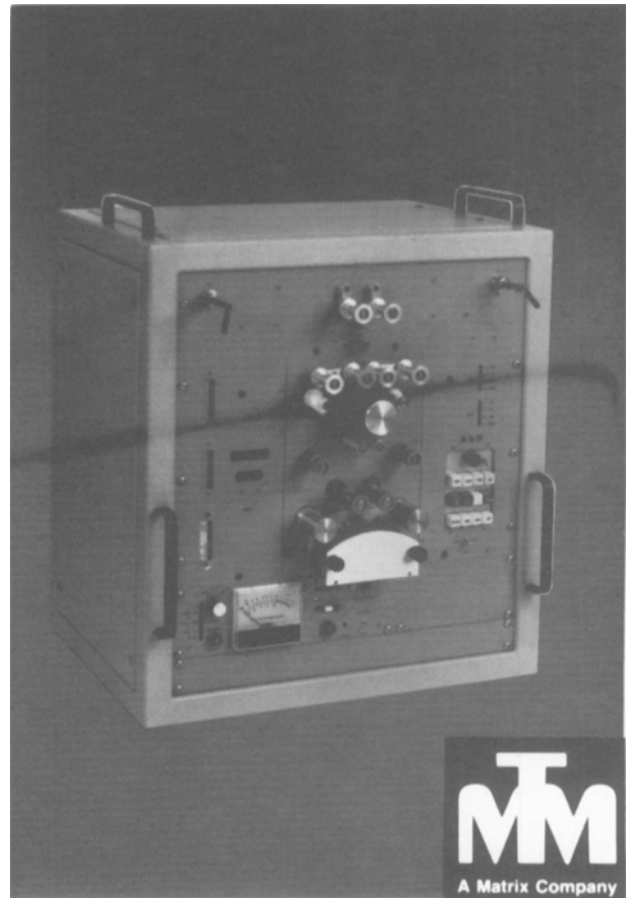
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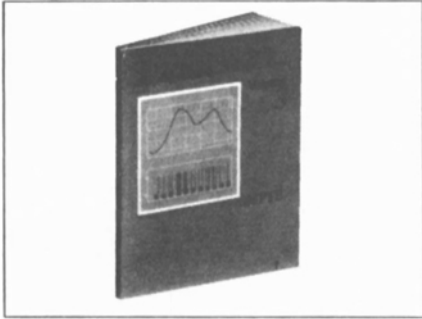
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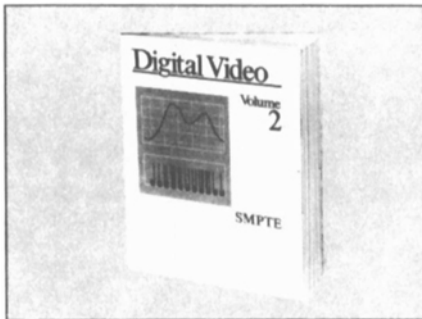
# Digital Video—Volumes 1, 2, 3



## Digital Video—Volume 3

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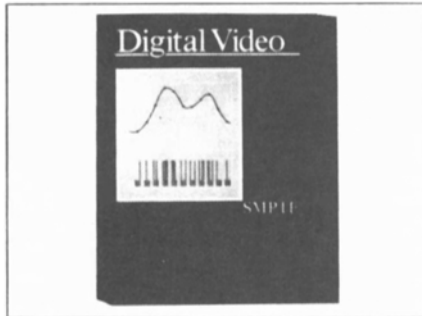
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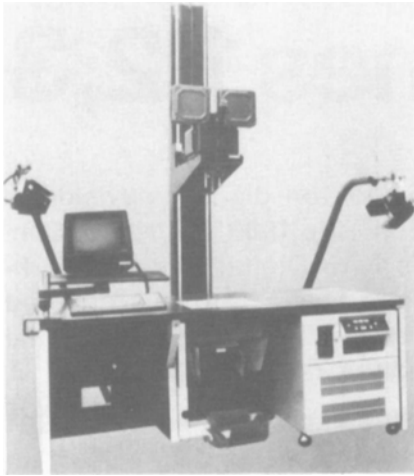
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Forox animation compound table

troller. This permits the user to program all moves of the camera and compound table, including rotations, zooms, color changes, and shutter action, and repeat them exactly.

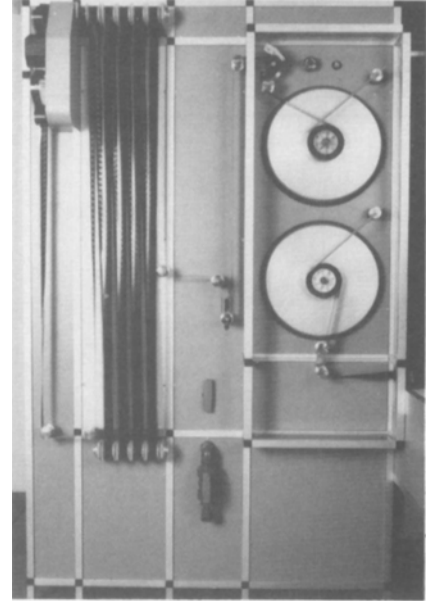
The film-style studio rig, designed to provide EFP video cameras with the versatility of motion-picture cinematography, has been announced by Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025. The studio rig includes J-6 zoom control and the universal adjustable matte box which allows the use of multiple



Cinema Products studio rig

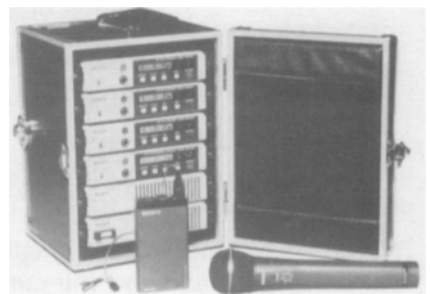
front-of-the-lens filters, as well as other features common to cinematography. The CP video bridgeplate provides a convenient base on which to mount the EFP camera and studio matte box. Most EFP video lenses can be modified to interface with the self-contained J-6 zoom control. Once adapted, the J-6 utilizes the lens servo motor to yield a wide range of variable zoom rates — from 2 sec to 30 min or more.

A self-contained VCR/monitor television unit, the CT-130V, has been announced by Panasonic Industrial Co., One Panasonic Way, Secaucus, NJ 07094. The device can be used for unattended repeat performances. It is equipped with a 10-function wired remote-control keypad. It provides still playback, 8-hr recording/playback capability, and editing functions. The monitor has a 13-in. diagonal screen. Applications include training and educational programs.



FilmTeknik Mark 4 subtitling processor

The Mark 4 subtitling processor has been announced by FilmTeknik, P.O. Box 1328, S-17126 Solna, Sweden. Designed for one-man operation, the Mark 4 is available in two versions, manual or manual/computerized. The components are all plug-in, thus simplifying maintenance. Due to the angled design, the operator has a full view of the entire operation, including the wet section. A video camera mounted on the machine aids quality control.



Sony VHF wireless microphone system

A VHF wireless microphone system, with frequency synthesis in both transmitters and receivers, has been announced by Sony's Professional Audio Div., Sony Dr., Park Ridge, NJ 07656. Miniaturization of frequency synthesis components is the key factor in the new VHF design. Each

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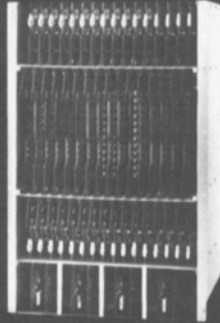
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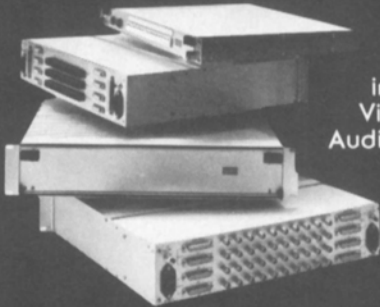
**Video**

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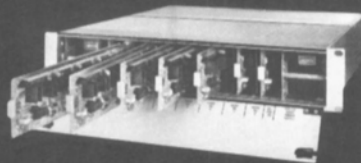
The IRS Routing System— Available from 24 inputs by 24 outputs Video and up to three channels of Audio to 96 inputs by 96 outputs with serial and computer control. Broadcast quality performance and reliability at an affordable price.



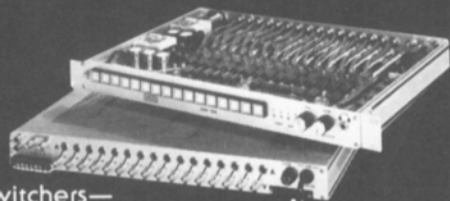
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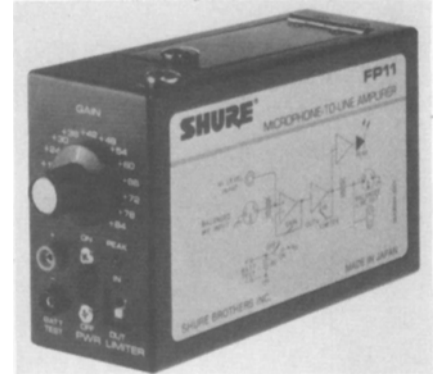
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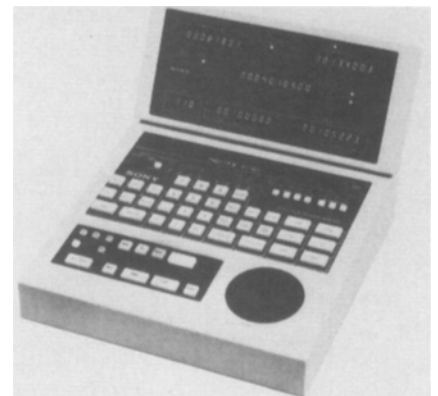
microphone transmitter in the system is capable of operating on any of 48 separate frequencies; the system's receivers are equipped to handle all 168 channels in the assigned band.



*Shure FP11 microphone-to-line-amplifier*

**A microphone-to-line amplifier and a headphone-bridging amplifier,** have been announced by Shure Brothers Inc., 222 Hartrey Ave., Evanston, IL 60204. Designed for ENG and EFP applications, the FP11 microphone-to-line amplifier provides up to 84 dB of gain so that microphone and auxiliary level devices can be boosted to line levels. The FP11 can control gain in 6-dB increments with a precision rotary switch, allowing the user to set several FP11 units to the same gain setting.

The FP12 in-line headphone-bridging amplifier is designed to accept a microphone or line-level signal, bridge it, and produce a signal sufficient to drive headphones at very loud levels. The FP12 bridges the signal to be monitored instead of terminating it. As a result, several FP12 units may be used together without deteriorating the original audio signal.

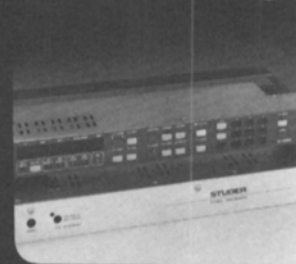
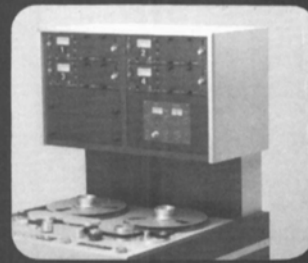


*Sony AVS-500 Syncmaster*

**The Syncmaster,** a time-code-based synchronizer, has been announced by Sony Communications Products Co., Sony Dr., Park Ridge, NJ 07656. The device is designed for synchronization of audio tape machines, VTRs, and film systems. It consists of a multi-purpose keyboard/display unit and a processor rack. Up to four machines can be locked together and con-

## Studer Audio: Special Applications

### Studer Audio for Film and Video



If you need audio recorders for film or video production, look to Studer of Switzerland. No other manufacturer can offer such a comprehensive line, with more than two dozen standard versions available based on four different transport designs. In addition, special versions may be ordered to fulfill virtually any requirement.

Studer for Film Production. For film audio applications, Studer offers a wide variety of recorders with pilot-tone and resolver capabilities. Standard versions include mono audio with pilot-tone (Neopilot® system) or stereo with FM pilot-tone, either with or without resolver modules. Systems are available in 1/4" or 1/2" tape formats, and with any combination of audio/pilot-tone track configurations currently in world use.

Both mono and stereo pilot systems – with record and playback capability – may now be incorporated in the new microprocessor-controlled A810 transport. Various other pilot-tone and resolver combinations are available with the Studer B67 and A80 transports. The fully modular design of all

Studer recorders allows easy modification for highly specialized applications.

Studer for Video Production. For years Studer multitrack recorders have been the overwhelming choice of the world's foremost music recording studios. Today, as sound quality becomes increasingly important in video production, more and more top video houses are turning to Studer.

Studer multi-track recorders are available in 4, 8, 16, and 24 track configurations. In demanding video post-production applications, the Studer A800 provides unsurpassed speed and versatility. What's more, the A800 is Swiss engineered for total reliability – and that means greater cost-effectiveness over the long run.

Studer's new video layback recorder, the A80VU-3-LB, is the first and only of its kind to handle both B & C format 1" video tapes. Studer's smooth, positive tape handling means you'll take no chances with your valuable video masters.

For stereo audio-for-video applications, Studer offers two recorders

designed from the outset to work with center-track SMPTE time code: the compact A810 and the new, ultra-sophisticated A820. Both recorders are Nagra compatible, and the unique time code system pioneered by Studer – utilizing two separate code heads with a microprocessor delay for offset compensation – remains the most elegant and flexible currently available.

In Sync with Studer. To tie it all together, Studer offers the TLS4000 universal modular resolver/synchronizer. More than just a SMPTE code synchronizer, the TLS4000 interlocks a wide range of audio, video and film equipment. For film applications it features resolver modes with programmable pilot reference frequencies.

Improve Your Image with Better Audio. For more information on Studer products for video and film production, please write or call: Studer Revox America, 1425 Elm Hill Pike, Nashville, TN 37210; (615) 254-5651.

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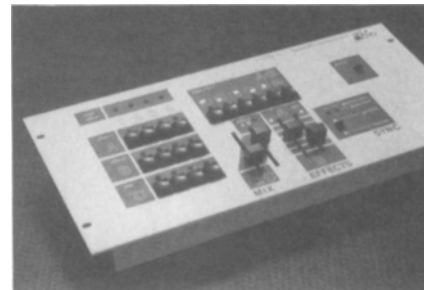
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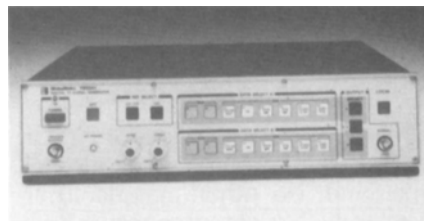
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trolled from the central keyboard/display unit. The display can be removed from the keyboard and mounted in a remote location for optimum visibility. It can also accept edit lists from CMX-compatible video editors.



*ECHOlabor special effects generator*

A multi-camera, special effects generator has been announced by ECHOlabor, Inc., 175 Bedford Rd., Burlington, MA 01803. The device can accept inputs from up to five sources, including a video recorder. Designated the SE-1G, the unit has a built-in black burst generator and can genlock to one camera or input, allowing up to four additional cameras to be synchronized.



*Asaca/Shibasoku TG53A1 digital TV signal generator*

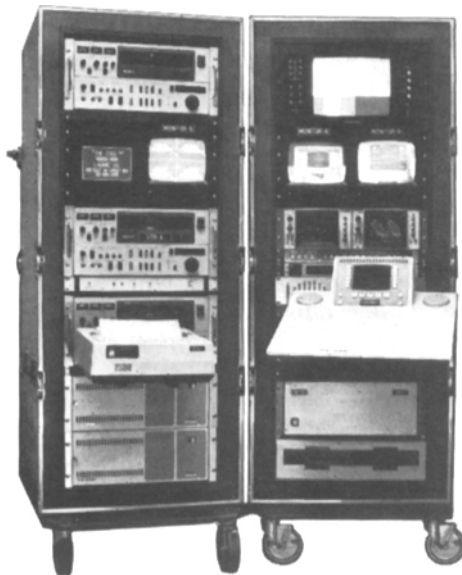
The TG53A1 digital TV signal generator, using an 8-bit digital/analog converter, has been announced by Asaca/Shibasoku Corp. of America, 12509 Beatrice St., Los Angeles, CA 90066. In addition to six built-in signals — CCIR 1, CCIR 2, color bars (IQ), multi-burst, 5 stair-step, and color bars (full field) — the generator has an RAM and a GP-1B bus. The RAM has a 2-line writing capacity that enables the user to design specialized test signals.



*Artists X-Ponent Engineering KT-1000 metronome/synchronizer*

The KT-1000, a microprocessor-based programmable digital metronome/synchronizer that can store 50 different user-programmable tempos, has been announced by Artists X-Ponent Engineer-

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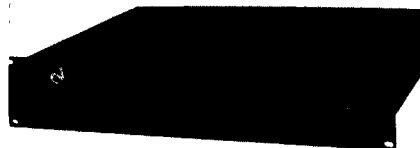


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Campbell CA 95008 TWX 910 590 8001

ing, P.O. Box 2331, Menlo Park, CA 94025. The device can automatically start each tempo from SMPTE-coded videotape, film, or audiotape. It can put out a metronome pulse for live recording and automatically control MIDI-equipped devices, including accelerations and retards, so that everything runs in synchronization.



*Cine Video Lock hard-lock synchronizer*

A hard-lock synchronizer having a built-in VITC reader has been announced by Cine Video Lock Inc., 915 N. Highland Ave., Hollywood, CA 90039. The unit can synchronize any 5800 series Sony 3/4-in. video deck to any piece of film editing equipment hard-locked to single frame accuracy. The synchronizer enables film editors working with video to cut film sound tracks to a video program.



*Asaca/Shibasoku ASW-300 video switcher*

The ASW-300 video switcher, announced by Asaca/Shibasoku Corp. of America, 12509 Beatrice St., Los Angeles, CA 90066, provides video effect functions for five inputs of NTSC signals. The signals can be cut in and out, faded in and out, dissolved, wiped, etc. The ASW-300 can be operated as a video switcher from a remote-control panel and as a special effects device by manual operation. It can also be controlled by a computer through serial interface. It is applicable to automatic transmission systems for producing programs in broadcasting stations and also to a video switcher unit and a special effects unit of editing systems. It can also be applied to various kinds of video processing and measuring systems.

The T-220 FIT time-base corrector, featuring format interchange, has been announced by Microtime, Inc., 1280 Blue Hills Ave., Bloomfield, CT 06002. The T-220 FIT represents a new generation of component digital time-base correctors. It allows multi-format selection input with simultaneous multi-format outputs from any 1/2 or 3/4-in. heterodyne VTRs, 1/2-in.

## ANNOUNCEMENT

In Feb. 1985, Cipher Digital, Inc. acquired the industry standard shadow synchronizer and softouch audio editing technologies of the former BTX Corporation.

Cipher Digital, an acknowledged leader in +On-Air+, broadcast quality video products, will maintain a commanding industry position in synchronization and audio editing for broadcast, audio and audio-for-video production, and film transfer applications.

### Company Background:

Cipher Digital has an unequalled reputation for sophisticated engineering and high quality, volume manufacturing. Our time-code products have been chosen for all of the networks and premier production houses for error free performance. Our custom engineering and manufacturing projects for NBC, COMSAT, and other major organizations, keep us on the leading edge of video engineering and digital communication technologies.

Recognizing the need for strong after-sale support, Cipher Digital maintains an extensive customer service capability. This quick and efficient staff understands the need for real-time information and support to our rapidly expanding industry.

Cipher Digital has the resources to support and continually develop a knowledgeable and responsive network of national representatives. Our staff and dealers understand technical needs and applications. We are expert at matching customer requirements with the correct product.

Cipher Digital is most interested in working with current BTX customers, and those who desire to upgrade to top-of-the-line time-code, synchronization, and audio-editing products.

For additional information contact:

**Walter A. Hickman, Director of Marketing or  
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