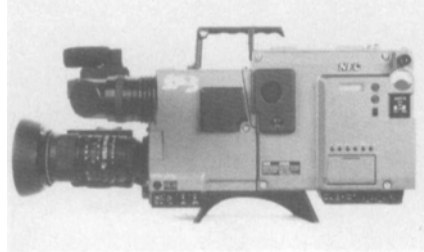


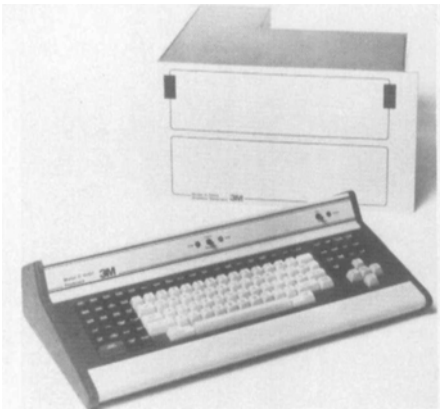
NEW PRODUCTS

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.



SP-3 CCD camera, NEC

A 3-chip CCD camera, the SP-3, designed for ENG and other field applications, has been announced by NEC America, Inc., Broadcast Equipment Div., 130 Martin Lane, Elk Grove Village, IL 60007. The camera interfaces directly with 1/2-in. Beta and M formats as well as with the 1/4 and 3/4-in. formats. An optional 1/2 or 1/4-in. VTR can be attached to the back of the camera to provide a combined camcorder ENG system.



D-5000 character generator, 3M

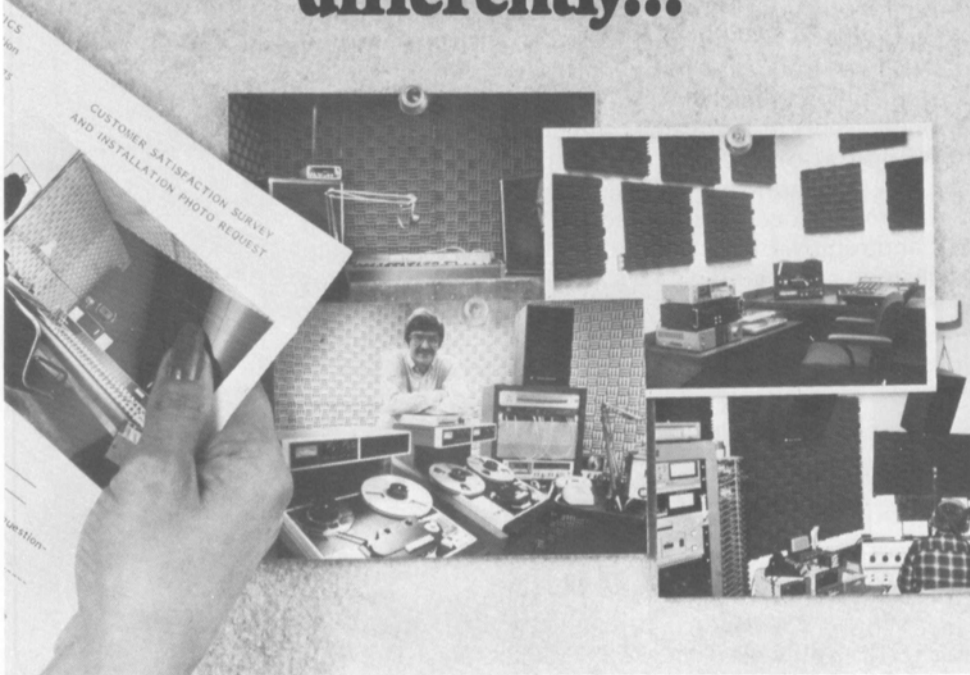
Three character generators, a color bar and sync generator, and a multi-color font generator, have recently been announced by 3M, P.O. Box 33600, St. Paul, MN 55133. The D-5000 character generator offers proportional spacing in character fonts. It displays any 8 of up to 512 colors simultaneously with selected characters, foreground, background, and underline colors. The D-1512 video character generator has a built-in keyer with genlock. It

can sync with any composite video signal. It offers 512 background colors and 512 character colors that can be selected on a word-by-word and row-by-row basis in any combination. The unit has a 36-page random access memory with independent edit and program channels. The compact D-1000 television character generator has all standard alphanumeric capabilities and a 32-character graphics font for construction of basic charts, graphs, and symbols. Word-processor text editing is also included.

The 212A color bar and sync generator produces a split-field, 8-bar pattern in accordance with SMPTE/NTSC and other applicable standards, including EIA, FCC, RS170A, and SCA timing. All usual studio sync signals are provided. The D-232 multi-color font generator converts data from low-resolution sources into broadcast-quality characters. It accepts keyboard entry from a standard data terminal, microcomputer, or other source of ASCII code via an RS232C serial port at up to 9600 baud.

The Speedcharge 6000 battery charger, manufactured by PAG Power of England, is available from Comprehensive Video Supply Corp., 148 Veterans Dr., Northvale, NJ 07647. Sophisticated microprocessor-controlled circuits charge up to eight batteries of mixed voltages and capacities without the need for sensor cells

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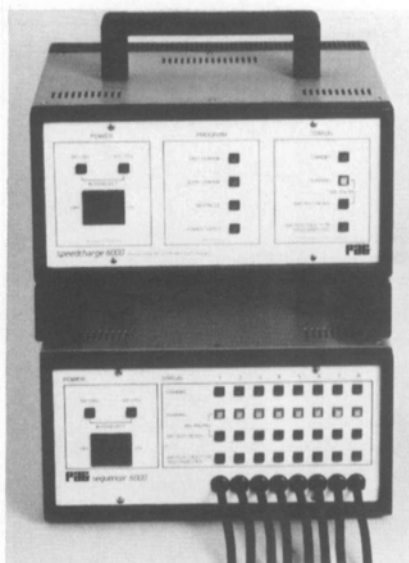


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Speedcharge 6000, Comprehensive Video Supply

or manual checking of battery levels. Built-in microcomputers automatically determine battery type and number of batteries connected, and analyze cell characteristics 240 times/sec. The charging cycle for eight totally discharged batteries is about 8 hr.

Voice and touch-screen editing for the CMX 3400 video editing system are new options offered by CMX, 3303 Scott

Bld., Santa Clara, CA 95050. Using the +Voice option, the system can be programmed to distinguish among voices and to accept commands in any language. With +Touch editing, keystrokes are eliminated. The editor touches the entry he wishes to move and then moves it with another touch to the screen. The +Touch option is offered in a dual-monitor configuration with a transparent sensor system. It allows for a simplified man-machine interface in the transfer of time code and time-code related information.



I² editing system intelligent interface, CMX

A new 340/3400 editing system intelligent interface (I²) for use with serial interface machines, has been announced by CMX, 3303 Scott Blvd., Santa Clara, CA 95050. The interface permits control of up to four machines in a single unit. The device is

compatible with existing CMX editing systems. Optional features include a time-code reader card and preview switcher card, a time-code generator, jam sync, universal parallel, graphic inserter, and motion memory.



Ives™ editing system with A/B enhancement, EECO

The Ives A/B™ enhancement to the Ives™ editing system has been announced by EECO Inc., P.O. Box 659, Santa Ana, CA 97202-0659. The device expands the 2-VTR post-production system to allow complete A/B control of three VTRs plus special effects capabilities. The enhancement features A/B remote control, A/B roll with automatic audio/video switching, programmable control of an external special effects generator, and edit list output to a printer.

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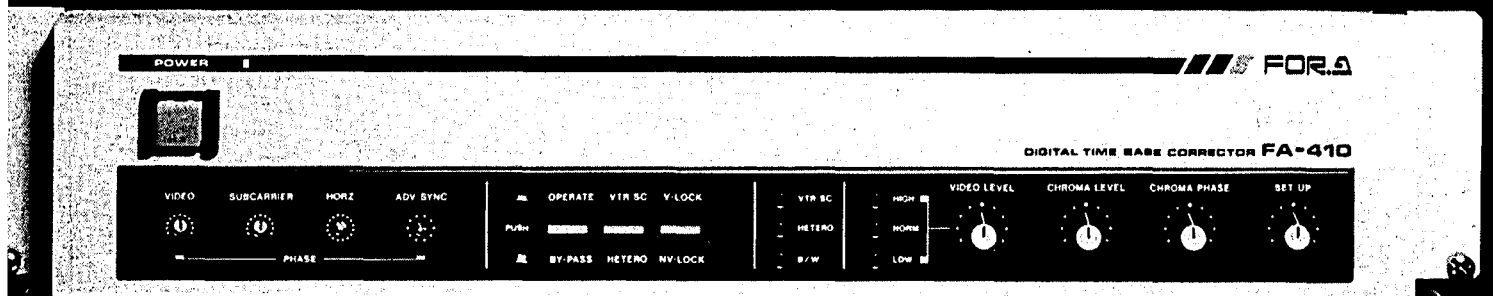
This, in addition to FOR-A's Performance-Plus features like 8-bit component encoding for highest signal-to-noise ratio and lowest

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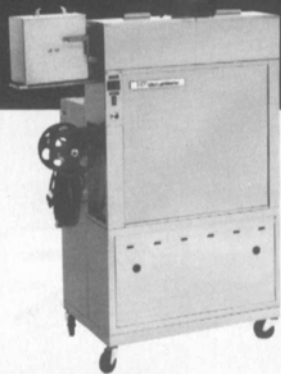
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¹Dynamic Tracking and U-Matic are trade names of Sony Corporation.

²The Panasonic VHS NV-8950 is V-locked with modification by FOR-A Corporation. Contact FOR-A Sales Department for complete information.

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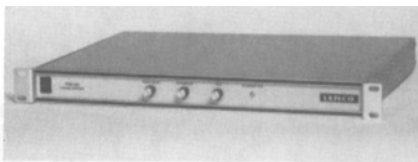
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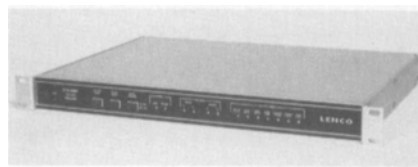
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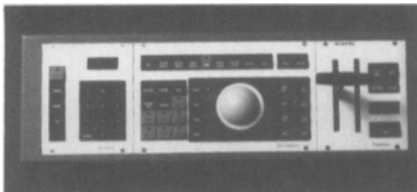
PCD-463 NTSC chroma decoder, Lenco

A self-contained NTSC chroma decoder (PCD-463) and a color encoder (PCE-466P) have been announced by Lenco, Inc., 300 N. Maryland St., Jackson, MO 63755. The PCD-463 is a fully combed decoder that incorporates a genlock sync generator for its internal processing. Input can be either standard NTSC RS-170, RS-170A, video, or from any helical tape machine. A 2-line comb filter removes the chrominance from the luminance without detectable distortion of the luminance channel.



PCE-466P PAL color encoder, Lenco

The PCE-466P color encoder is designed for the PAL standard. It produces a CCIR/EBU color signal from a 3 or 4-channel video source. The fourth (luminance) channel is optional. A full or split-field color-bar generator is incorporated to simplify setup. Features include front panel black-burst and monochrome switches.



Floating viewpoint control panel, MCI/Quantel

An all-electronic animation stand, three digital video systems, and several new options have been introduced by MCI/Quantel (Micro Consultants, Inc.), P.O. Box 50810, Palo Alto, CA 94303. The animation stand, a prototype, is designed for use with the Paint Box digital art/graphics/animation system, and is intended to eliminate much of the time-consuming work associated with conventional animation stands and film processing.

The Encore digital effects system includes a single-channel processor and an integral combiner, permitting up to seven units to be linked together and separated. Mirage can function as one of the system's channels. Cypher is a new character generator that allows manipulation of characters and objects in space. Mirage Macro, a new member of the Mirage family, has

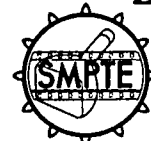
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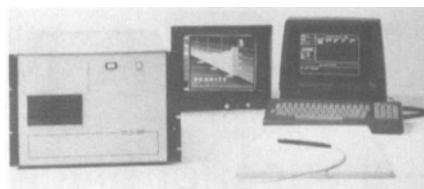
Booths 828-9-30 at Sheraton Centre

the manipulative features of the Mirage but does not require an individual composing station. Other new Paint Box options include Paste Over, which allows the artist to paste cutouts over live incoming video or inset live video into a portion of a graphic; Tack, which allows the artist to temporarily tack down cutouts; and a weather satellite interface.



VAS-Delta animation controller, Lyon Lamb

The **VAS-Delta**, an animation controller designed to interface with the Sony BVH-2500 1-in. VTR, has been announced by Lyon Lamb Video Animation Systems, Inc., 4531 Empire Ave., Burbank, CA 91505. Features include frame-by-frame control of a source VTR and recording and editing at 24, 30, or 60 frames/sec in sequential, cycle, or skip (nonsequential) recording modes. Frame grabbing is programmable. Playback features include search to designated frames, auto-playback, and variable speed play. The **VAS-Delta** expands the functions of the BVH-2500 allowing more time-lapse recording speeds and multiple frame step-recording.



BFA Paint System, 3M

The **BFA Paint System**, designed for production of video art, news graphics, and industrial design, has been announced by 3M, P.O. Box 33600, St. Paul, MN 55133. Also announced was the **RGB** color accessory for the D-8800 character generator. This color palette unit enables the standard 8-color system to produce hundreds of colors, shades, and hues on titles, graphics, and backgrounds.

The **TSR-102** time-sharer device, which allows four videotape recorders to use a

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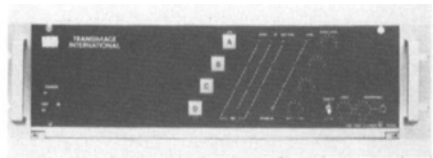
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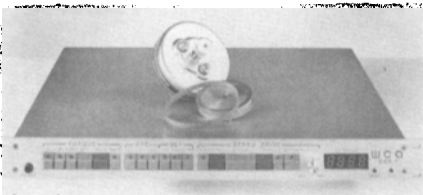
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TSR-102 time-sharer device, Transimage International

single time-base corrector, has been announced by Transimage International Ltd., Transimage House, 245 Hanworth Rd., Hounslow, Middlesex TW3 3UA, England. The device also makes it possible to fade in and out from one VTR to another, for example, when commercials are being shown.



DSS-1 servo drive, West Coast Audio

The DSS-1 servo drive unit for Magnasync® magnetic film recorders has been announced by West Coast Audio, Inc., 1951 Gardena Ave., Glendale, CA 91204. The unit consists of a new digital electronic control system and replacement digital servo drive motor and related parts. It is complete with cables and suited for simple field conversion by the user. The servo drive adds variable speeds, 24/25/30 frames/sec quartz-controlled speeds, and 50/60 Hz internal resolve for direct sound transfers.

The Q.C. Special, a combination transmission/reflection densitometer, has been announced by Brumac Industries, 5261 Business Dr., Huntington Beach, CA 92649. Designed specifically for C-41 and EP-2 processes, all functions are controlled by pushbuttons on the front panel. Features include an auto filter switch that electronically changes the switch after each reading. It pauses in each filter position to allow individual densities to be recorded. Switching from transmission to reflection is accomplished by lowering either the transmission or reflection probe.

The Nagra IV-S SMPTE/EBU time-code version audio recorder, for use in double-system recording with conventional film or video, has been announced by Kudelski S.A., CH-1033 Cheseaux/Lausanne, Switzerland. This time-code version resembles the Nagra IV-S, but has a thin sliding panel mounted underneath. This panel contains a 7-segment, 8-digit LCD display, and a mini-keyboard containing 11 keys used to read or enter data and to check system operation. The time-code recording and playback head is between

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