

New Products

Further information about these products 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.

An off-the-shelf, flash-sync, C-mount video camera has been launched by Eastman Kodak Co., 343 State St., Rochester, NY 14650. The CCD 4000 RGB camera provides electronic flash synchronization capability for positive and uniform lighting to capture still images independent of ambient light level. It also offers excellent color sharpness and fidelity in both its flash and live video modes. The product features 50-dB luminance and 45-dB chrominance and contains a 768 horizontal \times 493 vertical pixel interline CCD imager. It is designed to interface with a number of user-supplied devices for video frame capture including frame capture boards in computers, Kodak SV 6500 series color video printers, and Edicon ID systems. Two C-mount f1.4, 12 to 72-mm zoom lenses are available.

A high-performance compositing module has been introduced by Accom, Inc., 1430-F O'Brien Dr., Menlo Park, CA 94025. Image Compositing Module 4224 is a component digital, high-accuracy, single-layer compositing module. Its high-quality keying provides new capabilities in compositing and editing, and it is a very attractive alternative to D-1 switchers. Applications for the product are in editing, compositing, graphics, and telecine suites. Since it is a digital module, the effects achieved with one module can be duplicated exactly by another.

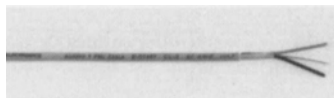
A unique video processor, available from Colorado Video Inc., Box 928, Boulder, CO, 80306, has made it possible to monitor scenes during adverse conditions with greatly improved clarity. The product uses a video memory that sees only dark subjects once an initial frame of conventional video is frozen. Because information is accumulated over a period of time, the see-through system does not reproduce motion well although a scene may be periodically updated through a

series of snapshots. If motion does occur during an exposure period it will be reproduced as a blurred image or a streak, depending upon the amount of displacement. Although this may make recognition of the moving object difficult, it provides an immediate indication that change has occurred.

DataSTORE 120, a real time disk with an interface to CCIR 601 and SMPTE RP-125 digital video, has been announced by Recognition Concepts, Inc., 341 Ski Way, P.O. Box 8510, Incline Village, NV 89450. The system records and replays up to 44 min of true color images and is supplied with a data base management software that provides the look and feel of a digital VCR. Random access to any of the available 80,000 images is less than 100 Msec and real time loops are programmable from 1 to 80,000 frames. Slow-motion and freeze-frame stop action are also supported. An optional integrated 8mm tape backup is available with capacities from 5 to 35 Gbytes.

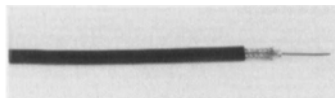
The A55X9.5 field production zoom lens has been improved to make it better suited to shoot in confined areas such as a stadium press box, it was announced by Fujinon Inc., 10 High Point Dr., Wayne, NJ 07470. The product incorporates an

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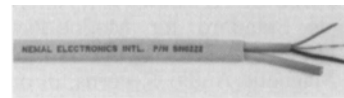
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exclusive feature called the Rotary MODifier, which reduces the MOD from 7.8 ft to less than 1 ft, simply by flipping a switch. It quickly returns to normal operation when the Rotary MODifier is switched out. The product has retained all the features of its predecessors; it has a minimum focal length of 9.5 mm and maximum aperture of $f/1.4$ to 253 mm and $f/2.9$ at 525 mm. Features include a built-in $2\times$ extender and LED display of focal length and aperture. The extender can be deployed from the lens as well as from a remote demand unit or shot box, and extender/pattern projector position is shown on the LED display.

The FMR-70 Receiver has been unveiled by Telex Communications, Inc., 9600 Aldrich Ave. South, Minneapolis, MN 55420. The product, which features Pos-i-Phase™ true diversity circuitry, is suitable for entry-level professional installations. It was specifically designed to complement the company's WT-55 belt-pack transmitter or any HT-100 series handheld microphone transmitter. The system operates in the VHF band between 165 and 216 MHz and delivers a strong signal with adjustable level, fully balanced, 3-pin XLR audio output. A GaAsFET transistor provides freedom from overload, while Pos-i-Squelch™

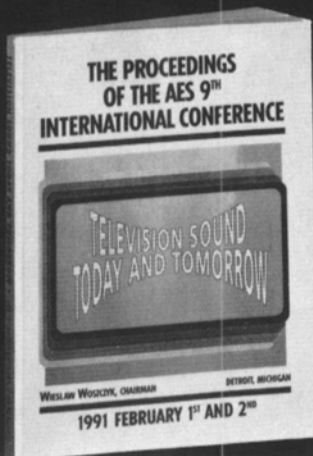


Telex wireless microphone system

prevents interference when the transmitter is turned off. Front panel LEDs include diversity, RF carrier, and four-segment audio indicators. Computer selected frequencies provide virtually interference-free operation, and between six and eight systems can be operated simultaneously.

A digital audio sample rate converter has been introduced by NVision, Inc., P.O. Box 1658, Nevada City, CA 95959. The NV4448 accepts the entire range of digital audio sampling frequencies and solves the problem of interchanging audio data between systems of different standards. Features of the product include an all-digital format and rate conversion between AES/EBU, SDIF II, and SPDIF machines with flat response, group delay, and 24-bit precision. It comes in a compact one-rack unit with a full front panel indication of operational status.

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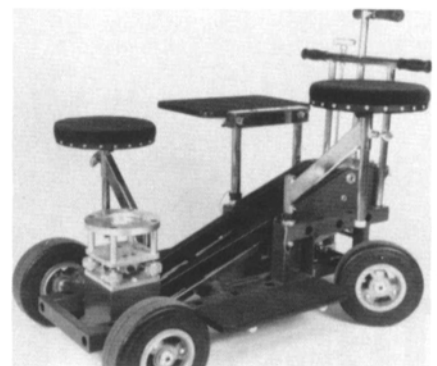
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Alan Gordon Enterprises Cameleon Dolly

The Cameleon HD Dolly has been launched by Alan Gordon Enterprises, 1430 N. Cahuenga Blvd., Hollywood, CA 90028. The product is designed for both motion-picture and video productions and features a hydraulic camera boom with a maximum capacity of 200 lb. The frame design accommodates a variety of accessories such as multipurpose platforms, adjustable seat with swivel arm, utility rise for platform, and track wheels for straight and curved track shoots. The dolly can be easily transported because the control post detaches, which makes it only 18 in. high. The hydraulic foot pump can lift the camera lens height from 28 to 68 in. and permits smooth boom downs.

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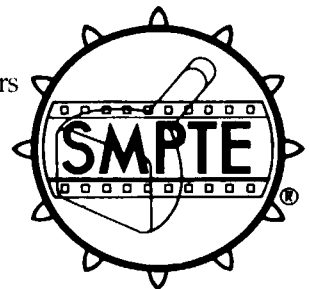
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- Tape Editors
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