

New Products

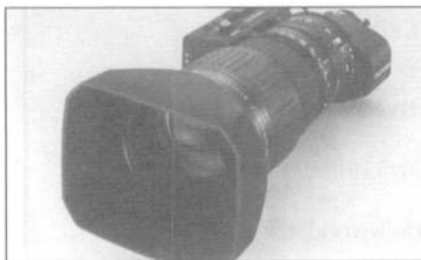
The Model 420C Video Mirror scan reverser is now available from Colorado Video, Inc., 6235 Lookout Rd., Ste. G, Boulder, CO 80301-3335, (303) 530-9580; Fax: (303) 530-9569. The 420C provides electronic image reversal of NTSC color television signals. The compact self-powered unit is particularly useful in situations where the optical path of a TV camera or a large-screen projector creates a backward image.

Also new from Colorado Video is the **Model 613** video screen splitter. The 613 combines the outputs of two synchronized video sources in a manner that selected portions of each are displayed on a single screen. Both channels are clamped for accurate black level balance and the unit may be used with either monochrome or NTSC color video inputs. Both top-to-bottom or left-to-right split may be selected, and the split is adjustable from 0 to 100% of screen width or height.



The Elmo TRV-35H from Elmo Manufacturing Corp.

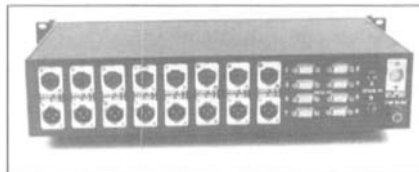
The Elmo TRV-35H slide-to-video converter has been announced by Elmo Manufacturing Corp., 70 New Hyde Park Rd., New Hyde Park, NY 11040. The converter offers video outputs for C-video, S-video (Y/C), and RGB sync outputs. Color correction and enhancement is easily accomplished with a joystick controller using any of the three primary colors. Built-in 8-pin and RS 232C terminals permit the unit to be remote-controlled.



Fujinon's A36X10.5ERD zoom lens

Two new ENG-style zoom lenses have been introduced by Fujinon, Inc., 10 High Point Dr., Wayne, NJ 07470, (201) 633-

5600; Fax: (201) 533-5216. **The A36X10.5ERD** has a maximum focal length of 378 mm (756 mm when the built-in extender is deployed) and a wide angle of 10.5 mm. **The A36X14.5ERD** has a maximum focal length of 525 mm (1050 mm with extender) and a wide angle of 14.5 mm. Both lenses incorporate aspheric technology (AT), which provides a dramatic reduction in spherical aberration and better overall optical performance. Also, both lenses are inner-focus designs for increased filter flexibility, have integral lens support plates, and provide full servo control of zoom and focus.



The Adder 882 from Telecast Fiber Systems

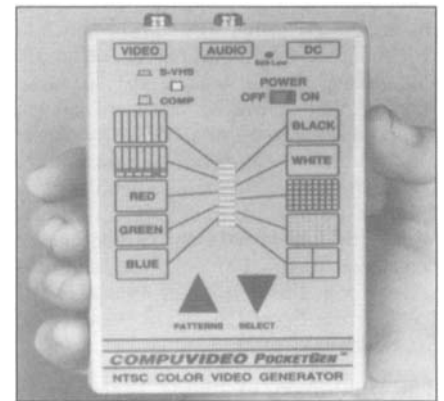
The Adder 882 fiber-optic audio and data multiplexer has been introduced by Telecast Fiber Systems, Inc., 102 Grove St., Worcester, MA 01605, (508) 754-4858; Fax: (508) 752-1520. This bidirectional system simultaneously transmits eight broadcast-quality audio channels plus eight high-speed RS 422 data/control channels both ways over a single optical fiber. The Adder 882 is a pair of small 2RU 19-in. rack-mounted enclosures fitted with 16 three-pin XLR audio connectors and 8 duplex DB-9 data connectors on each unit. Digital modulation and multiplexing combine all signals onto either one or two fibers for two-way transmission via standard ST-type optical connectors. Switchable pre-amps permit individual channels to accept microphone or line inputs. The Adder 882 has a range of 10 km without repeaters or amplifiers.

A second-generation media server has been unveiled by Digital Equipment Corp., 1515 S. Manchester Ave., Anaheim CA 92802-2907, (714) 774-5000; Fax: (714) 774-9432. The server features a robotic tape library that keeps storage costs low. Content is stored on digital linear tape cartridges that can be upgraded to serve more users simultaneously. The network media servers automatically transfer programs at high speed from tape to disk as needed.

The PhotoFusion Version 2.0 has been made available by Ultimatte Corp., 20554 Plummer St., Chatsworth, CA 91311, (818) 993-8007; Fax: (818) 993-3762. The

Adobe Photoshop plug-in module processes a foreground subject photographed against a blue, green, or red backing and generates a color difference mask. It then uses the mask to suppress the backing to black and processes the image to remove any discoloration in the subject caused by reflection in the backing. Finally, it composites this processed image with the appropriate background scene.

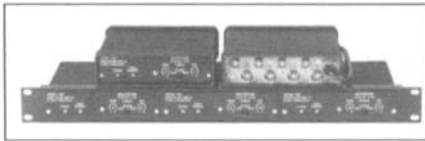
CineFusion is the next generation of Ultimatte compositing systems that encompasses all of the algorithms included in the Ultimatte hardware. A new feature added to CineFusion is **Grainkiller**, a technique that filters the screen area with virtually no effect on the foreground image or its edges. This feature will eliminate the side effects of grain noise while retaining the quality of a true Ultimatte composite.



The PocketGen from Compuvideo

The PocketGen video/audio generator has been developed by Compuvideo, Inc., 3861 Oceanview Ave., Brooklyn, NY 11224, (718) 714-9873; Fax: (718) 265-0234. The handheld, battery-operated generator is suited for editing studios, TV broadcast studios, field operations, post-production, and video service. Offered in NTSC or PAL models, PocketGen operates for more than 40 hours on four AA batteries or can be used with an AC adapter. The unit provides ten patterns including full field bars, SMPTE bars, and rasters.

The VPDA-100 video, pulse, subcarrier distribution amplifier and clamper is new from Multidyne, 191 Forest Ave., Locust Valley, NY 11560, (800) 4TV-TEST; Fax: (516) 628-1496. The unit equalizes 0 to 1,500 ft of 8281, RG-59U and another cable of choice. It also has a fast AC/DC feedback clamping circuit that samples error voltage on the video back



The VPDA-100 from Multidyne

porch. Other features include a loop-through input, six outputs, and cancellation and extraction of up to 40 V of hum. The VPDA-100 is AC powered with built-in line cord and less than 0.05% differential gain and 0.05° differential phase.

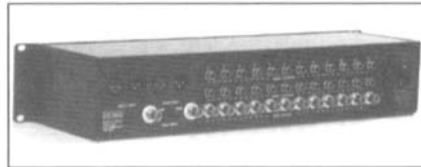
The Ergonomic Crimp Tool is now being offered by Clark Wire & Cable, 151 S. Pfingsten Rd. #B, Deerfield, IL 60015, (708) 272-9889; Fax: (708) 272-9564. The tool, which can be custom fit with a wide range of interchangeable die sets, features an ergonomically correct handle for maximum comfort and ease of use. It is fully ratcheted with a safety release and provides a 50,000-cycle life span. The crimp tool offers a 0.012 square crimp for use with pins in the ADC-true 75-Ω BNC line.

The solid-state audio/video delay is available from Prime Image, 19943 Via Escuela, Saratoga, CA 95070, (408) 867-6519; Fax: (408) 926-7294. This self-contained, solid-state unit delays both video and audio for up to 30 sec (standard configuration is shipped with just over 10 sec of delay) without data compression, and switches in alternative audio and/or video feeds as required. Video, audio, or both signals can be replaced, recorded, or rerouted as necessary within the unit. Video input and output are composite Y/C, Y/U/V, or Y/R/B, and the unit is fully compatible with component signals. Standard features include a built-in genlockable synchronizer; controls for video, color, and setup levels; and H-phase adjustment.

Media Suite Pro for Windows has been introduced by Avid Technology, Inc., Metropolitan Technology Park, One Park W., Tewksbury, MA 01876, (508) 640-6789; Fax: (508) 640-1366. This digital, nonlinear video editing system for the Windows 95 platform provides full-screen, full-motion video, and four channels of CD-quality audio. Users will have instant random access to all media to immediately preview edits and experiment with different cuts. With cut/copy/paste editing, it will be possible to drag and drop clips into the timeline to quickly assemble sequences.

The J-Series multichannel DS-3 video codec has been introduced by The Grass Valley Group, Inc., P.O. Box 1114, Grass Valley, CA 95945, (916) 478-3000; Fax: (916) 478-3187. The J-Series uses JPEG compression and features full-motion and full-color resolution video as well as CD-

quality audio. The package provides up to four channels of video and up to four channels of audio per video channel, per module. Ten such modules can be configured in a single 6-rack unit chassis for a total of 20 channels of video.



B.E.E.'s AVDA 2412

The AVDA 2412 integrated audio/video D/A is new from Broadcast Electronic Engineering, 427 Orchard, Otterburn Park, Que., Canada J3H 1P9, Tel/Fax: (514) 467-2577. The video input has common mode rejection with a floating ground to minimize hum and noise pickup on the incoming line. The audio amplifiers have high impedance balanced inputs on XLR connectors with a passive loop to XLR output connectors.


The Adjusta Cart has just been released from Anthro Corp., 10450 S.W. Manhasset Dr., Tualatin, OR 97062, (503) 691-2556; Fax: (503) 691-2409. Designed to be used in both stand-up and sit-down applications,



Anthro Corp.'s Adjusta Cart

the front surface of the cart can be adjusted with a simple squeeze of a control pad. That surface can be positioned anywhere within a 12 3/4-in. travel range. Once the control pad is released, the system locks firmly in place.

Two new multipair digital audio cables have been introduced by Gepco International, Inc., 2225 W. Hubbard, Chicago, IL 60612-1613, (312) 733-9555; Fax: (312) 733-6416. The two-pair and eight-pair cables are specifically designed for use in digital audio and time code application. They also maintain 110-Ω AES/EBU requirements, conform to NEC Article 800, and are UL-listed type CM.



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