

# New Products

## Audio Equipment

The **Kataband versatile audio vest** from Band Pro Film/Video, Inc., is a modular system designed to organize and protect the equipment a sound person carries on location. The vest has three major components — the chest vest, the audio front belt, and the backpack — which can be configured to the user's preferences. The chest vest has outside pockets for cable and inside pockets for notebook, flashlight, etc. The audio front belt offers a holster for a mixer and another for power supply, a radio, or a cell phone; it also includes a variety of zippered compartments and pouches. The backpack features a large central compartment, two external pockets, and D-rings for cables, and comes with velcro-backed modular pouches and brick battery.

Matthey Electronics has introduced a two of new digital audio interfaces. The **DEM-3071 and DEX-3072** can embed or extract 20-bit AES/EBU digital audio signals within the SDI video path. The units fully conform with SMPTE 272M-A and feature a high packing density design. The DEX-3072 is capable of extracting up to two AES/EBU digital stereo pairs from an SDI 270-Mbit video datastream with embedded audio. Likewise, the DEM-3071 can embed two AES/EBU stereo pairs.

The **DSS-8 digital input source selector** from Wohler Technologies is designed for AMP-1A and AMP-2-powered stereo audio monitors. It uses a rotary switch to select any one of eight AES/EBU digital audio inputs for D/A conversion and high-fidelity reproduction through the monitor's built-in amplifiers and speakers.

## Cables and Connectors

Gepeco International, Inc., has introduced the **GEP-FLEX**, a highly flexible outer jacket compound for the 618 (22 gauge) and 724 (24 gauge) series of multipair audio cables. GEP-FLEX has an increased temperature range with cold-weather properties to -60° C, and with its aesthetic matte finish, it can provide customers with increased flexibility while still retaining the UL-listed-type CM rating required for permanent installation. Gepeco will stock GEP-FLEX in bulk-lengths and cut to customer length specifications as well as terminate GEP-FLEX cable to connectors, patch bays, etc., as requested.

## Computer Equipment

Creative Equipment International Corp. has introduced the **CEI Blossom nonlinear**

**video editing workstation.** Features include tilting, 3-D animation, special effects, and broadcast-quality digital editing. Blossom comes complete with a high-speed Pentium processor, 32 Mbytes of RAM, a PCI graphic card, NTSC or PAL formats, custom effects processor for accelerated effects rendering, composite/S-VHS video, CD-quality audio, and a high-resolution monitor.

## Lenses/Optics

The **1.6X Tele-Converter** from Century Precision Optics attaches quickly to the front of the zoom lens, lengthening its focal range in the telephoto direction with no light loss. Depending on the reach required for a particular shooting situation, the Tele-Converter can be used alone or in conjunction with a lens' built-in 2X extender. Its features include multicoated glass elements, lightweight aluminum alloy housings, and precision construction.

## Monitors and Displays

The **BM-H1900SU 19-in. color production monitor** from JVC Professional Products offers high-resolution images and easy menu-driven operation. Other features include SMPTE-C phosphors, a fine-pitch in-line gun CRT, and 750 lines of horizontal resolution. A lockout function prevents unwanted or accidental changes. It is equipped with universal power (100 to 240 V AC, 50-60 Hz), menu-selectable color temperatures (6500 K or 9300 K), and an on-screen menu driven/memory of settings.


## Projection Equipment

JVC Professional Products Co. has introduced the **LX-D300 liquid crystal display (LCD) video projector**, a lightweight, portable three-panel projector designed for use with personal computers and video systems. The LX-D300 offers a wide variety of projection angles and minimal picture distortion, and JVC's Digital Keystone Correction System compensates for trapezoidal (keystone) distortion of the projected image. Unlike other projectors, this one can be adjusted plus or minus 30° to allow for a perfectly square and accurate image. The LX-D300 can enlarge and project computer-generated and video images with uniformity superior to a CRT. A DC-powered metal-halide lamp enables the user to make presentations either in normal lighting conditions or dark rooms because it boasts a brightness level of 300 ANSI lumens and a contrast ratio of 200:1 or better. The

LX-D300 is capable of handling input signals within the frequencies of 15 KHz and 35 KHz.


## Signal Processing/Transmission Equipment

Telebyte Technology, Inc., has announced the availability of its **Model 240, Universal RS-232 to V.35 interface converter.** This converter efficiently steals power from the RS-232 interface and provides DTE or DCE switchable configuration. It also includes an LCD display called DataSpy to inform the user of the status of the data and handshake signals that are included in the RS-232 interface. The Model 240 includes conversion circuitry for 13 signals. The power to drive the unit is derived from the interface signals, including data, control, and clocks appearing on the RS-232 port. At a minimum, TD and one control signal are required. The Model 240 incorporates a switch that allows the unit to be interfaced to a DTE or DCE device. The switch is externally accessible thereby not requiring the user to open the case.



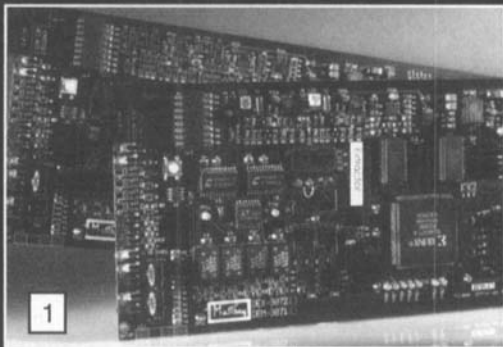
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1) The DEM-3071 and DEX-3072 from Matthey Electronics. 2) The 1.6X Tele-Converter from Century Precision Optics. 3) JVC's LX-D300 LCD projector. 4) Telebyte Technology's Model 240 interface converter. 5) The GY-X3U camcorder from JVC Professional Products. 6) The Model AG-EZ1U digital camcorder from Panasonic.

## Switchers and Routing Systems

The **NV3256D data router** from NVision, Inc., is capable of accommodating up to 256 machine control ports. A flexible design with proprietary Dynamic Port Architecture also allows the unit to adapt to both RS-232 and RS-422 serial interfaces. The NV3256D is a port-oriented router, which means that it can be configured dynamically. This port-oriented architecture eliminates the wasted crosspoints normally associated with conventional square data systems. It also allows a "one-to-many" connection, providing the ability to control any number of devices simultaneously via a single controller, receiving its acknowledgment back from any one of the slaves.

## Video Cameras

The **GY-X3 high-performance 3-CCD S-VHS camcorder** from JVC Professional Products Co. is equipped with many advanced features including full auto shooting (FAS), servo zoom lens, and full-size S-VHS recorder with time code. The FAS adjusts instantly to changes in shooting conditions from bright outdoor lighting to indoor lighting, and as conditions change, it automatically adjusts gain, iris, audio level, and color balance. Three 1/3-in. CCDs produce high image quality; even in light as low as 4 lux, this camera produces bright pictures with good resolution and strong, vivid colors. For more stable recording, the X3 uses a full-size head drum, similar to the those in studio decks.

Panasonic Broadcast & Television Systems Co. announced the introduction of its **AG-EZ1U DV-Cam**, a digital video format, 3-CCD digital signal processing camcorder that weighs less than 2.4 lb. A digital camcorder designed for use by stringers, event videographers, and multimedia producers, as well as for cable television news and local events coverage applications, the AG-EZ1U will record one hour of digital component video on a miniature DAT-sized 1/4-in. cassette. The hand-held camcorder features three 1/3-in. IT CCDs to produce 500 lines of horizontal resolution, an SNR of 54 dB, and a minimum illumination of 5 lux. Tapes recorded in the digital video format can be played by DVCPRO studio VTRs with the optional AJ-CS750 adaptor, which that allows for the of digital video footage in professional applications.

For further information regarding the new products and developments listed in this section, contact the companies directly at the addresses listed below:

**Band Pro Film/Video, Inc.**, 3403 W. Pacific Ave., Burbank, CA 91505, (818) 841-9655; Fax: (818) 841-7649

**Century Precision Optics**, 10713 Burbank Blvd., N. Hollywood, CA 91601, (818) 766-3715; Fax: (818) 505-9865

**Creative Equipment International**, 5555 W. Flager St., Miami, FL 33134, (305) 266-2800; Fax: (305) 261-2544

**Gepco International, Inc.**, 2225 W. Hubbard, Chicago, IL 60612-1613, (312) 733-9555; Fax: (312) 733-6416

**JVC Professional Products Co.**, 41 Slater Dr., Elmwood Park, NJ 07407, (201) 794-3900; Fax: (201) 523-2077

**Matthey Electronics**, c/o Television Equipment Associates, Box 393, Boway Rd., S. Salem, NY 10590, (914) 763-8893; Fax: (914) 763-9158

**NVision, Inc.**, P.O. Box 1658, Nevada City, CA 95959, (916) 265-1000; Fax: (916) 265-1010

**Panasonic Broadcast & Television Systems Co.**, One Panasonic Way, Secaucus, NJ, 07094, (201) 392-4319, Fax: (201) 392-6001

**Telebyte Technology, Inc.**, 270 Pulaski Rd., Greenlawn, NY 11740, (516) 423-3232, (800) 835-3298; Fax (516) 385-8184

**Wohler Technologies**, 713 Grandview Dr., S. San Francisco, CA 94080, (415) 589-5676; Fax: (415) 589-1335

## Errata

On page 769 of the November 1995 issue of the *SMPTE Journal*, the D/ESAM 200 digital edit suite audio mixer was erroneously listed as a product of the Grass Valley Group. The mixer is actually from Graham-Patten Systems. For further information, contact the company directly at P.O. Box 1114, Grass Valley, CA, 95945, (800) 422-6662; Fax: (916) 273-7458.