

# New Products

**The Power Visualization System (PVS)** has been upgraded, according to IBM, P.O. Box 218, Rte. 134 and Taconic Pkwy., Yorktown Heights, NY 10598, (914) 945-3471; Fax: (914) 945-1263. The system now offers integrated and faster MPEG digital video compression, the availability of digital editing and visual effects software manufactured by Discreet Logic, and a software development pact with Boss Film Studios, which focus on essential film-processing tasks. The PVS is a general purpose, resolution-independent production and post-production computer that provides a responsive, real-time workspace for the creative mind. The unit can stream to standard video display devices and storage up to 30 frames/sec. The goal of the company is to develop an all-digital production and post-production environment that will fundamentally change the way movies, network television and cable programs, video, and music products are made and distributed.

**Circle No. 281**

**The Multivision (MVS)** desktop video editing studio bridges the gap between linear and nonlinear editing, it was announced by United Media, 4771 E. Hunter, Anaheim, CA 92807, (714) 777-4510; Fax: (714) 777-2434. The PC-based Windows™ system for multimedia production offers real-time video capture and provides a digital data base of pictures and digital audio. Building a record master is accomplished by visual video pictures instead of traditional time code numbers. The product can be used for both on-line and off-line editing and incorporates all the necessary tools for storing and recalling a digital data base that converts into an industry standard EDL.

**Circle No. 282**

**An on-line editing system** was introduced by Accom, Inc., 1490 O'Brien Dr., Menlo Park, CA 94025, (415) 328-3818; Fax: (415) 327-2511. The Axial 2010 has an advanced compact design, powerful EDL and edit work space, and a high-resolution

edit display. The unit is NTSC/PAL switchable and provides simultaneous control of 12 serial devices. In addition the product offers user-definable menus and controls on the keyboard display, as well as exclusive caching functions.

**Random Access Visual Editing (RAVE)** is a nonlinear, full-quality on-line editing system. The product is a combination of the Axial 2020 Visual On-Line Editor, with embedded component, 10-bit RTD real-time disk recorders. The product enhances the versatility of on-line suites by providing 10-bit, D-1 nonlinear editing, and enables a complete integration of effects, VTRs, switchers, and routers.

**Circle No. 283**



*Sharp Hi-8mm VL-HL100UP Viewcam video recording/playback system*

**A fully integrated recording/playback system** is available from Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430-2135, (201) 529-8731; Fax: (201) 529-9636. The Hi-8mm VL-HL100UP Viewcam™ is the first camcorder to incorporate a full-color, 4-in., anti-glare LCD view screen. With the view screen and large, on-screen displays, users can see everything they record without having to squint into a tiny viewfinder or fumble with button positions or controls. An innovative variable-angle rotating system enables both the view screen and lens section to rotate up to 270°, making it easy to record at any angle.

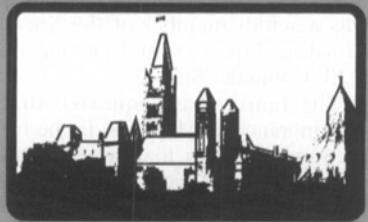
**Circle No. 284**

**Two peripheral products** that complement the Amiga product line were unveiled by Commodore Business Machines, 1200 Wilson Dr., West Chester, PA 19380, (215) 431-9100; Fax: (215) 431-9465. The A4091 is a full-size **autobooting controller card** with an integrated 3.5-in. drive mount. The card fits

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into the Zorro III slot. Compatible with SCSI-1 devices, the card also includes internal and external SCSI-2 connectors supporting up to seven devices. The fast SCSI-2 controller provides transfer rates of up to 10 Mbytes/sec.

The 1942 color multiscan monitor provides analog RGB (15.75 kHz) and VGA (31.5 kHz) scan modes with support for the computer's Advanced Graphics Architecture (AGA) custom chip-set resolution. A built-in amplifier and left and right speakers enable the product to provide quality stereo sound. The 14-in. monitor screen has a .28mm dot pitch and is equipped with a tilt-and-swivel base.

Circle No. 285



Philips projector color-balance meter

A balancing tool for color projection monitors was launched by Philips TV Test Equipment A/S, Kornmarksvej 21, Brøndby DK-2605, Denmark. The PM 5639/10 projector color-balance meter is a compact, handheld instrument containing a triple light sensor that is put onto the projector lenses, while a display on the meter presents the measured results. When placed in front of the monitor's lenses, the product's light sensors can operate even in full ambient light. The product operates by comparing the balance of light from the lenses to a predetermined reference balance that is preprogrammed.

A TV monitoring demodulator that features a large, back-lit LCD display, multichannel performance, keyboard-operated front end, with options for stereo sound, NICAM, and AR monitoring, was also announced. The PM 5695 is designed for the B/G, D/K, and M systems, and contains built-in measuring facilities that enable measurement and display of important transmission parameters, such as power levels, modulation depths, sync amplitude, and vision signal-to-noise ratio. The product is also suitable for instrumentations including standard VITS analyzers and video monitors.

Circle No. 286

A line of full-function 16X4 routing switchers is available from Pro-Bel, Inc., 4480 N. Shallowford Rd., Suite 102, Dunwoody, GA 30338-6410, (404) 396-1971; Fax: (404) 396-0595. The TS16

series includes analog video, mono or stereo audio, serial digital video, and AES/EBU audio variations — each housed in a self-contained 1-rack-unit frame. Multilevel operation involving any combination of signal formats is achieved by linking frames via an RS485 interface.

A multiformat modular switching system encompasses analog video, audio, serial digital video and AES/EBU formats. The TN24 offers the flexibility of mixing any combination of switcher levels within a standard 3-rack-unit frame. Providing initial matrix sizes of 24X6 for video and 24X12 for audio, the system offers simple expansion to 24X24 by the addition of plug-in modules.

A large-scale AES/EBU digital audio router was also announced. The Multiplexed Audio Digital Interface (MADI) employs distributed architecture, which provides cost and space-efficient implementation of central routing equipment. Employing the AES-10 MADI standard, the switcher uses compact transcoder frames to simultaneously encode and decode multiple channels of digital audio into and from the multiplexed MADI signal. This signal can be carried on either coaxial cable or optical fiber.

Circle No. 287

The first highly-integrated cart machine that automates all tape functions for several stations was introduced by Odetics Broadcast, 1515 S. Manchester Ave., Anaheim, CA 92802-2907, (714) 774-5000; (714) 774-9432. The OmniCart is a multichannel automation system that simultaneously compiles, records, and plays-to-air. Advanced multichannel automation software manages recording, program replay, and spot insertion for several independent stations on a 24-hr-a-day basis. Other software-controlled functions include pre-air tape preparation, inventory management, and as-run logging. The unit manages up to eight play lists for recording, replay, or compiling. The system may include additional external VTRs and other serially controlled devices such as master control switchers, character generators, and still stores.


A library expansion module for the company's TCS90™ cart machine was also announced. The LEM90™ increases the TCS90's storage capacity from 150 to 380 tapes. The product accommodates dual size cassettes for storage of both programming and commercial spot tapes. Two sets of robotics pass cassettes between the module and the cart machine.

Circle No. 288

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Several products were launched by Venture House, Davis Road, Chessington, Surrey KT9 1TT, 44 081-391 5678; Fax: 44 081-391 5409. **Cyrus Prime**, a motion compensated standards converter, is an advanced standards converter, which is equipped with Prime motion compensation to deliver the best possible picture quality for the most demanding applications. The product converts between all world standards and features all-digital 10-bit decoding and encoding with highly precise sample rate conversion interfaced to a central core conversion process to assure unprecedented integrity throughout the signal path.

The multiformat converter supports all variations of analog and digital component video in serial and parallel.

**Freeform 3-D digital video effects system** is an innovative digital video effects system that complements the creative flexibility of the AVS Integra digital video switcher and DVE. Freeform introduces powerful new 3-D image mapping and warp facilities to provide an array of effects for Integra that is more extensive than any integrated switcher/DVE in its range.

**Dimension advanced digital keyer** is designed to partner the intrinsic creative power of Integra. The product provides

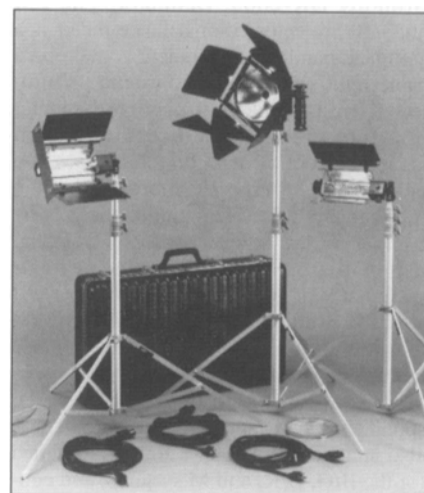
optimal artistic control and flexibility with a host of important new key facilities, including sophisticated chroma keying and advanced key masking, storage, shaping, positioning, and transition capabilities.

**Circle No. 289**

**Two field production lenses** were unveiled by Fujinon Inc., 10 High Point Dr., Wayne, NJ 07470, (201) 633-5600; Fax: (201) 533-5216. The Ah66X9.5ESM for 2/3-in. cameras and the Sh66X7.3ESM for 1/2-in. cameras combine extraordinary focal length with good optical performance. The lenses cover 9.5 to 1250 mm and 7.3 to 960 mm (with built-in 2X extender) with excellent ramping characteristics. Maximum aperture of the Ah66X9.5ESM is  $f/1.6$  from 9.5 to 313 mm and  $f/3.2$  to 625 mm. Maximum photometric aperture is  $T1.8$  and minimum object distance is 2.7 m. Both lenses utilize the company's electron beam coatings, which dramatically reduce ghosting and flare.

**Two handheld lenses** were also announced. The A16X9RM for 2/3-in. cameras and the S16X6.7RM for 1/2-in. cameras both utilize the company's proprietary aspheric technology, which produces dramatic improvements in performance over lenses with conventional spherical optics. Both lenses incorporate an extremely comfortable servo grip.

**Circle No. 290**



*Lowel-Light DP&T lighting kit*

**DP and DP&T Lighting Kits** are available from Lowel-Light Manufacturing, Inc., 140 58th St., Brooklyn, NY 11220, (800) 334-3426; Fax: (718) 921-0303. The location lighting kits are lightweight and easy to carry. Due to a smaller, newly designed case and stand, the company is able to contain almost as much equipment in the new kits as it has been packing into the standard DP and DP&T Kits.

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