

New Products

EDDIE™, a digital editing and paint software that offers the first commercially available morphing, was introduced by Discreet Logic, 5505 Boul. St. Laurent, Montreal, Que., Canada H2T 1S6. The product is a workstation-based 2-D effects generation software for creating film effects and enhancing 3-D animation. The image-processing software services the entire post-production industry, including film and video, with a full suite of digital editing and compositing features, and operates in conjunction with any workstation-based 3-D animation package. With the product, users can save time and money because they can perform effects that save them from having to re-render 3-D sequences and because they do not have to use post-production facilities for their compositing.

ImageAccess data base software has been announced by Nikon Inc., 1300 Walt Whitman Rd., Melville, NY 11747-3064.

The product, which is designed for the archiving and management of images on Macintosh-based systems, is a user-configurable, relational data base providing data entry, searching, sorting, and organizational functions for images. A significant application is its ability to work directly with the Nikon LS-3510AF Film Scanner and Autofeeder, allowing unattended scanning and automatic cataloging of up to 300 slides/session.

In related news, the company revealed its plans to bundle Micrografx, Inc.'s Windows-based Picture Publisher 3.1, 24-bit imaging software with its LS-3510AF Film Scanner, CP-3000 Full Color Printer, HQ-1500C High-Definition TV Still Camera System, and the Nikon Image Management System.

A high-gain polarized projection screen has been unveiled by Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430-2135. The XU-PP60S, a 60-in. diagonal

polarized high-brightness LCD projection screen, is a direct companion to the company's XG-2000U high-resolution LCD color video projector. When used with the XG-2000U, the XU-PP60S provides a brightness level similar to that which is achieved with other brands of high-gain screens (approximately 9X), but with a wider viewing angle than what has been possible with competitive screens. The new technology screen has a direct relationship with the polarizing filters used in the company's projector. The screen reflects back the entire light output from the LCD projector, while blocking 50% of the ambient room light. The result is improved contrast and brilliant colors. Even in rooms where lighting cannot be controlled, the screen produces clear pictures with little glare.

A videodisc spot insertion capability has been added to Time Logic's APDU-200/E® multitasking automatic tape con-

SMPTE Book

Proceedings: The 26th Annual SMPTE Advanced Television and Electronic Imaging Conference

The proceedings from the 26th Annual Advanced Television and Electronic Imaging Conference is now available from the SMPTE. The conference, entitled Collision or Convergence: Digital Video/Audio, Computers and Telecommunications, was held February 7 to 8, 1992, in San Francisco.

The 248-page book contains 20 papers on the convergence of computers and video/audio technology, covering such topics as motion imaging, networked mixed media computing, the role of the microcomputer in editing and graphics, and digital HDTV.

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control system, it was announced by A/Z Associates, P.O. Box 357, Needham, MA 02192. The videodisc's nonlinear access permits spots to be played back-to-back in any order without the use of a high-cost robotics system. Schedules can be downloaded from a traffic system, built off-line and loaded, or entered manually. The standard tape control system commands up to 14 disc players and VTRs, for an on-line capacity of hundreds of spots.

A 10-bit standards converter was announced by A. F. Associates, Inc., 100 Stonehurst Ct., Northvale, NJ 07647-2487. Cyrus incorporates proprietary 10-bit digital hardware and assures unprecedented signal integrity through the conversion path. The decoding system employed in the converter is so precise that conventional test equipment will fail to detect any deviation between inputs and outputs. The product is designed to operate in any digital format, including D-2, in addition to all composite and component formats. Thus the equipment can also be used as the highest quality digital bridge when converting between standards or between varying digital formats. The product can be conformed either for linear interpretation or, with an additional unit, for motion compensation.



Spectra Professional IV exposure meter

A digital exposure meter was launched by Spectra Cine, Inc., 820 N. Hollywood Way, Burbank, CA 91505. The Spectra Professional IV uses advanced microcomputer technology, direct reading Multiple Range Linear Circuit (MRLC™) with large digital numeric and analog bar graph LCD, and memory function for high-accuracy light measurements. The product reads incident and reflected light directly in *f*-stops, and photographic illuminance in footcandles or lux. The convenient electroluminescent back-lit LCD, with large, easy-to-read numbers, allows readability at very low light levels.

The 2706 Stepping RF Preselector was launched by Tektronix, Inc., Howard Vollum Industrial Park, P.O. Box 500, Beaverton, OR 97077-0001. The product offers an inexpensive way to avoid EMI measurement errors commonly made dur-

ing product design and EMC precertification. The 2706, when combined with the 2712 spectrum analyzer, forms a very compact measurement package. The product suppresses areas of high spectral energy with eight selectable bandpass filters covering an overall range of 9 kHz to 1800 MHz. Individual filters can be selected manually from the front panel or under software control via the IEEE-488 bus. Filter insertion loss is nominally 2 dB, and out-of-band rejection is typically 60 dB. The 2706 is compact, lightweight, and highly portable.



Fujinon 18X Lens

Three new products were announced by Fujinon, Inc., 10 High Point Dr., Wayne, NJ 07470. **The A18 X 8.5EVM** is a handheld lens for 2/3-in. cameras and the **S18 X 6.6EVM** is for 1/2-in. cameras. The A18 X 8.5EVM features a five-position servo grip that tilts from 3° to 17° for user comfort. The user can also select zoom speed in five steps from 1 to 7 sec, wide-to-tele. Maximum aperture is *f*1.7 from 8.5 mm to 113 mm and *f*2.3 at 153 mm. When the built-in 2X extender is incorporated, aperture is *f*3.4 from 17 mm to 226 mm and *f*4.6 at 306 mm. MOD has been reduced to 0.75 m, while maximum photometric aperture is a low *T*1.9. A cushioned nonslip finger grip ensures positive contact and reduces wrist strain. The design also provides unrestricted finger movement from MOD to infinity without the user having to reposition his grip. In addition to the 2X extender, other standard features include servo zoom and iris, and weatherized construction.

The company also announced a professional **clamp-on filter holder/sun shade** that is compatible with the V-Grip Series of lenses. The accessory requires no rods or support brackets and can be installed and removed in seconds. By incorporating a double stage, rotating 4X4 filter holder and a French flag in a lightweight, durable package, the product offers professional videographers a versatile new production tool.

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