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New Products

Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.



Case Editing System by ASC Video Corp.

An advanced professional videotape editing controller has been launched by ASC Video Corp., 3816 Burbank Blvd., Burbank, CA 91505. The Case Editing System supports extensive and simplified list and file management in multiple edit list "bins," programmable macros, GPIs, master/slave control, and advanced keyboard machine control. Edit decision lists may be read and written in a variety of formats including GVG, CMX, Calaway, and Convergence. The system includes a PC/AT compatible computer with an installed hardware package consisting of the editor, a menu program for operations and file management that addresses all necessary DOS commands, and extensive help facilities; a custom engraved, color-coded keyboard; and all necessary controlling peripheral hardware for "plug in and go" installation and operation.



UMI 450 A/B Roll Videotape Editor

A new editing system has been unveiled by United Media, 4771 E. Hunter, Anaheim, CA 92807. The UMI 450 not only incor-

ACM announces...

The first educational videotape on

INTERACTIVE DIGITAL VIDEO

The next generation of computer and
entertainment systems

that is both student and teacher friendly

Here is a landmark video specifically designed to provide science and computer students at all levels with a solid grasp of the principles, applications, and dynamic inventive possibilities of interactive digital video.

Interviews and demonstrations— exciting footage of systems and prototypes that have not yet been publicly released.

The ACM video contains the right mix of entertainment and expert instruction to hold a student's attention and impart clear, concise explanations of this emerging technology. Students learn how computer engineers store both video and audio in digital form on a computer...how TV-style special effects are prepared and can be shown in windows on computer monitors. Tradeoffs between storage requirements and quality in image compression are also discussed.

Plus — *Interactive Digital Video* illustrates and explains CD-I (Compact Disc Interactive) and DVI (Digital Video Interactive). Viewers explore the whole scenic outdoors; from a training room for software engineers to an animated museum for children; from a music/video "listening booth" to a home furnishings design room. From video conferencing to video telephony, from games to simulations, from information access to instruction, from realism to synthetic video, from video windowing on monitors to video editing, the ACM educational videotape covers the entire range of interactive digital video applications.

3-D Interior Design of a Room with Texture-Mapped Furnishings from the Design and Decorate Prototype



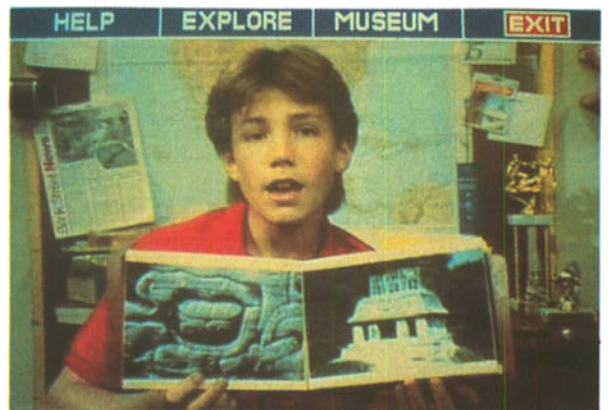
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Flight Simulator Application (© 1987 Activision and Intel Corp.)



Palenque Introduction (© 1987 Bank Street College.)



Demonstrations include

- Intel Corporation's DVI™ Technology
- Bank Street College: Excerpts from Palenque (an interactive history lesson based on DVI™ Technology)
- The Carnegie Mellon Software Engineering Training Program using interactive video
- J. Paul Getty Museum's Illuminated Manuscripts
- MIT Media Lab's Picasofile and other state-of-the-art systems
- New Media Graphics' VideoWindows demonstration
- University of Tokyo's research on image coding
- and much, much more!

Length: approximately 60 minutes

Available on 1/2" VHS and 3/4" U-matic • 1/2" VHS

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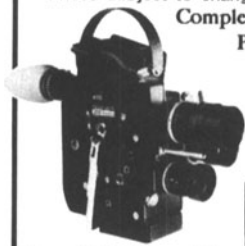
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SMPT Test Films

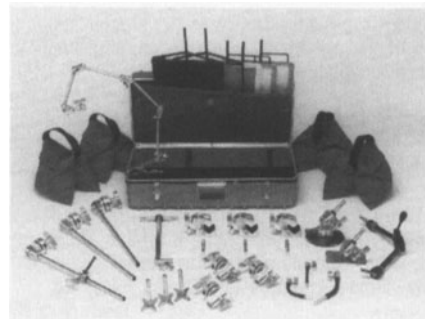
SMPT has a full line of test materials for television and motion pictures, including monochrome TV test patterns, color TV subjective reference films and slides, photographic sound test films, magnetic sound test films, and a complete range of projector performance films. Most TV films are available in 35mm, 16mm, and 2 X 2-inch transparencies. The sound films are available in 35mm and 16mm (the magnetic sound films are also available in super 8), and the projector performance films are available in 35mm, 16mm, super 8 and regular 8, depending upon the film type. Films are in stock for immediate shipment. All films are guaranteed.

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595 W. Hartsdale, Ave.
White Plains, NY 10607

porates all the features of the UMI 400 Series, but also includes a serial switcher/mixer control to make it a lower-cost direct plug-in A/B roll editor. It features direct RS-422 plug-in to serial control VTR, 250-event EDL, time code generator with JAM Sync, interformat capability, and options for disk-drive, list management, and GPI control.

BIFOS, a fiber optic transmission system for wideband *RGB* signals, has been unveiled by BARCO, Inc., 1000 Cobb Place Blvd., Kennesaw, GA 30144. The system can transmit *RGB* signals, with a bandwidth up to 100 MHz, over distances up to 1200 ft without experiencing any distortion or signal loss. In addition, it has a full duplex RS 232 channel. The system consists of an analog fiber transmitter and an analog fiber receiver, connected by a fiber optic cable (multimode 50/125 μm). The transmitter is available in VME format or in 19-in. rack housing. The receiver can be integrated into the company's new series monitors to offer a unique, cost-effective housing solution, as well as a traditional 19-in. rack mount.



Quick-Pak Mounting Kit by Arriflex

Quick-Pak Mounting Kit, the first-ever portable grip kit, has been launched by Arriflex Corp., 500 Route 3, Blauvelt, NY 10913. The kit's custom thermoplastic shipping case is packed with a selection of traditional grip tools and an assortment of new equipment that has been especially designed to solve a wide range of field production lighting problems. Its contents includes standard ARRI 2 1/2-in. grip-heads, 20-in. short extension arms, and 12X18 silks, scrims, and flags for traditional film-style control of light. The kit also includes a number of ARRI grip exclusives, including the Magic Arm, Super Clamp™, Mini and Maxi Flexextensions, and refillable sand bags.

Six fluorescent corrections for the motion-picture, television, and theater lighting markets have been introduced by LEE Filters, 1015 Chestnut St., Burbank, CA 91506-9983. The products, which include a full complement of plus and minus corrections, are available in full plus green, 1/2 plus green, 1/4 plus green, full minus green, 1/2 minus green, and 1/4 minus green.

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