

New Products

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

The Model 4030 video graphics system has been introduced by Magni Systems, Inc., 9500 SW Gemini Dr., Beaverton, OR 97005. The system consists of two cards — the Advanced Graphics Co-Processor and a genlock/encoder card — which can be plugged into an IBM or compatible PC. The Advanced Graphics Co-Processor features drawing speeds of up to 60 million pixels/sec and a 16.7-million color palette. The system provides very high-resolution graphic displays and features correct sync, blanking, and timing instructions for broadcast standards.



Panasonic WV-200CLE CCD camera

A video camera and digital mixer have been announced by Panasonic Industrial Co., One Panasonic Way, Secaucus, NJ 07094. The WV-200CLE CCD camera, which is compatible with NTSC composite and Y/C component analog recording systems, produces more than 600 lines of horizontal picture resolution. The product combines three charge-coupled device elements and advanced prism optics and signal processing to provide accurate colorimetry and excellent low-light performance. Other features of the WV-200CLE include a signal-to-noise ratio of greater than 56 dB, color matrix masking circuit, adjustable viewfinder, and ergonomic design.

Also recently introduced by Panasonic is the WJ-MX10 digital audio/video mixer, which is particularly suited for use with the company's AG-1950 editing VCR. The WJ-MX10 can easily mix such nonsynchronized signals as the output from videotape decks, without a time-base corrector. The mixer has a range of features, including fade-in and fade-out functions, audio level meter, and audio mixer. Its built-in frame memory makes it possible to achieve freeze frame, wipe, and many other video special effects.



For-A FA-740 TBC

A time-base corrector has been announced by For-A Corp. of America, 320 Nevada St., Newton, MA 02160. The FA-740 is a dual-channel TBC with the capability to provide independent correction for each channel. The instrument features 8-bit quantization, internal analog component signal processing, freeze-frame capability, dropout compensation, and CCD comb filter. The FA-740 offers an array of effects, including mosaic, paint, dissolve, wipe, and fade.



JVC VM-R140S color monitor

Two color video monitors have been introduced by JVC Co. of America, 41 Slater Dr., Elmwood Park, NJ 07047. The VM-R140S accepts component, composite, Super-VHS, and RGB analog signals. Its 14-in. CRT achieves better than 500 lines of picture resolution. Other features of the VM-R140S include comb filter to achieve high-fidelity color reproduction, new notch filter to minimize horizontal noise, and remote control operation. JVC's other new monitor is the TM-91SU, which is designed for small production studios, educational institutions, and mobile production facilities. The TM-91SU accepts composite video and Super-VHS signals, and features a 9-in. CRT and comb filter.

The Time Code Sync Monitor and a family of S-VHS cables have been made available by Comprehensive Video Supply Corp., 148 Veterans Dr., Northvale, NJ 07647. The Time Code Sync Monitor allows users to pinpoint and correct system timing and subcarrier horizontal phasing problems. It accepts NTSC video and

SMPTE longitudinal time-code signals and provides easy-to-read analog displays on the user's own video monitor. The rack-mountable unit is less than 2 in. high and weighs 9½ lb.

Comprehensive's S-VHS cable offerings include 4-pin plug to 4-pin plug, 4-pin plug to 7-pin jack, 4-pin plug to 7-pin plug, and 7-pin plug to 7-pin jack in a variety of lengths ranging from 6 to 50 ft.



Alan Gordon WM-D6 cassette recorder

A crystal-sync cassette recorder has been announced by Alan Gordon Enterprises Inc., 1430 N. Cahuenga Blvd., Hollywood, CA 90028. The portable lightweight WM-D6 is designed for location recording uses. It features an internal 60-Hz crystal-sync generator, XLR mike connector, and external sync input. The product also incorporates Dolby® B and C noise-reduction circuitry for high-quality sound recording.



Telcom TCG-550 time-code generator

A time-code generator has been announced by Telcom Research, 1163 King Rd., Burlington, Ont., Canada. The TCG-550 generates standard SMPTE/EBU time code and operates with both NTSC and PAL color frame sequences. Its features include "lock" and "line" indicator lights, bright easy-to-read display, and microprocessor design. The TCG-550 operates in drop frame and in 24, 25, and 30 frames/sec.

A stereo spatial enhancer has been introduced by Orban Associates Inc., 645 Bryant St., San Francisco, CA 94107. The Model 222A detects and enhances psychoacoustical directional cues which are present in all stereo program material. It provides dramatic stereo sound definition and clarity without exaggerating the reverberation or increasing the multipath distortion. Though designed primarily for

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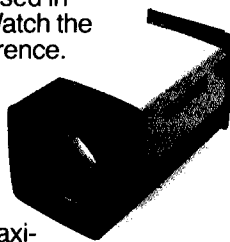


A Clean Sweep

For every one of their new cameras, CTV Television Network, Ltd., host broadcasters for the '88 Winter Olympics, selected Fujinon — more than 78 lenses in all. In the strongest domination of the games, all the action captured by CTV cameras — from the widest panoramas to the longest, tightest close ups on the slopes — will be through Fujinon lenses.

Covering the downhill like it's never been covered before, Fujinon is providing a new secret weapon... the longest focal length lens ever used in broadcast television. Watch the races and see the difference.

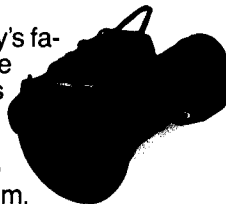
Twenty-eight new CTV cameras will be equipped with the industry-proven A44X9.5ESM. From a wide 9.5mm out to 420mm and an F1.2 maximum aperture flat to 240mm (F2.1 at 420mm), the 44X takes first place for the best ramping characteristics in the long focal length competition!



Fujinon's brand new 13kg A34X10ESM will be on 10 new CTV cameras. No larger than the lens it replaces (the A30X11ESM), its coverage is wider and longer. From 10mm to 340mm with an F1.6 that's flat to 229mm. Naturally, it has a built-in 2X extender.

In the handheld competition, Fujinon wins hands down with 28 new CTV cameras equipped with the A14X9ERM, 7 cameras with the A8.5X5.5ERM ultrawide zoom, and five cameras with the A18X8.5ERM. All three compact, lightweight, weatherized lenses have built-in extenders.

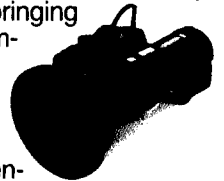
Long the industry's favorite ENG lens, the A14X9ERM zooms from 9mm to 126mm while the maximum aperture is F1.7 out to 103mm. For events demanding wider and longer coverage, the 18X provides a 9mm to



126mm range with an F1.7 aperture constant from 8.5mm to 116mm (F2.3 at 153mm). And for wide angle abilities, nothing beats the A8.5X5.5ERM. It's an F1.7 that zooms from 5.5mm to 47mm. And even with its 1.7X extender in position, it provides a familiar 9.4mm wide angle.

In addition to the CTV cameras, most of the production companies supporting the coverage will be bringing Fujinon equipped cameras. And, naturally, Fujinon will be on hand to provide field support. After all, one reason Fujinon lenses are so widely used is Fujinon service — it's as good as gold, too.

To learn more about the lenses that scored a clean sweep, you'll get more information or a demonstration by calling the Fujinon location nearest you.



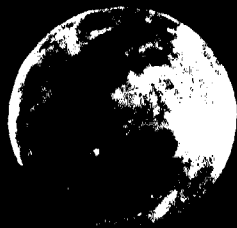
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The Right Stuff!

Ikegami's HK-322 Studio and HK-323 Field/Studio Cameras: Here to Stay.

Ikegami's HK-323 1" and $\frac{2}{3}$ " field/studio cameras, alongside the ever popular HK-322 full production camera, gives the broadcast marketplace a choice of two distinct, yet unique cameras, second to none.

The HK-322 with 1" or 1 $\frac{1}{4}$ " tubes remains the ultimate production camera in the industry, with specialized functions not found on any other camera. These include 6 vector color corrector, scan reversal with memory, negative video, out-of-bands horizontal aperture correction, scene files with extensive memories, dream effect and much more. For complete flexibility, the hand-held HL-79EP is available as the companion camera.

For field/studio operation, the HK-323 1" and $\frac{2}{3}$ " cameras, recently introduced by Ikegami, are quickly gaining acceptance with the networks as the market leaders in this segment of fully automatic micro-processor controlled, lighter weight broadcast cameras. The HK-323 is available with the optional hand-held companion, the HK-323P, which operates off the same base station.

Once again Ikegami is right where the marketplace expects us to be; with a commitment to excellence and our assurance of the best.

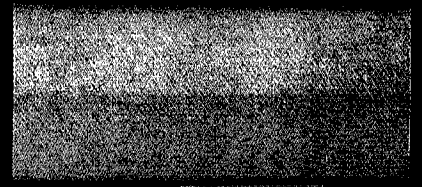
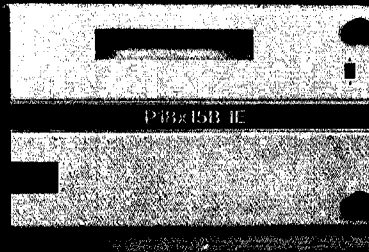
For a demonstration of the Ikegami HK-323 and HK-322, contact us or your local Ikegami dealer.

Ikegami

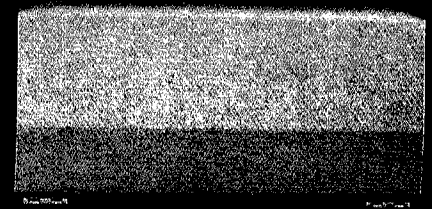
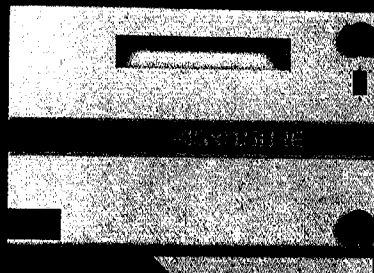
Ikegami Electronics (USA), Inc. 37 Brook Avenue Maywood, NJ 07607

East Coast: (201) 368-9171; West Coast: (213) 534-0050; Southeast: (813) 884-2046 Southwest: (214) 233-2844;
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HK-322 hand-held companion HL-79E



HK-323 hand-held companion HK-323P



MOVING?

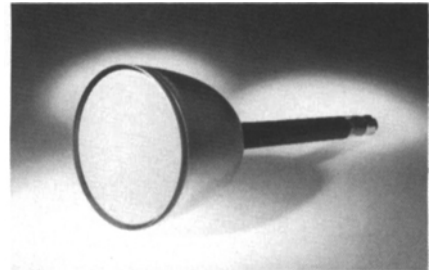
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AM and FM stereo broadcasting applications, the Model 222A can be used to process stereo CD and cassette masters.



Rank Brimar CRT

Three telecine cathode-ray tubes have been put on the market by Rank Brimar Ltd., Greenside Way, Middleton, Manchester M24 1SN, England. The CRTs are designed for film-to-tape transfer applications, including negative film scanning. One tube is intended for video transfer applications employing Rank Cintel Scan Track techniques, another is for transfer applications where Scan Track is not employed, and the third CRT is specially suited for Digiscan techniques.

Two product enhancements have been announced by Sony Corp. of America, 9 W. 57th St., New York, NY 10019. One is the BK-2551, which upgrades the performance capabilities of Sony's SEG-2550 special effects generator. The BK-2551 allows the SEG-2550 user to perform complex keying, real-time movement, and color changes. In addition, it permits "breakaway" manual control in the remote mode, and serial control of external key borders.

Sony's new BKH-3080 plug-in module provides advanced noise-reduction capabilities for the company's BVH-3000 1-in. VTRs. The module has a built-in calibration circuit and LED indicators for easy level adjustment.

A switch/test unit has been announced by Hewlett-Packard Co., 1820 Embarcadero Rd., Palo Alto, CA 94303. The unit, which the company refers to as a "tool kit," helps test-system designers to easily create programmable custom 18 and 26.5-GHz switching. With the relay-driver module, system designers need not develop custom-driven circuitry, custom wiring to microwave switches and attenuators, or custom rack-mounting. The switching module includes a power-actuator for 10 A or 250 V and 64-channel armature relay module configured as multiplexers or matrix.

A series of surge suppressors has been announced by Sola (Unit of General Signal), 1717 Bussie Rd., Elk Grove Village, IL 60007. The series consists of seven devices with varying performance levels and applications. The products, which provide

CINE 60 SUN-GUN

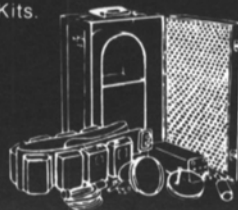
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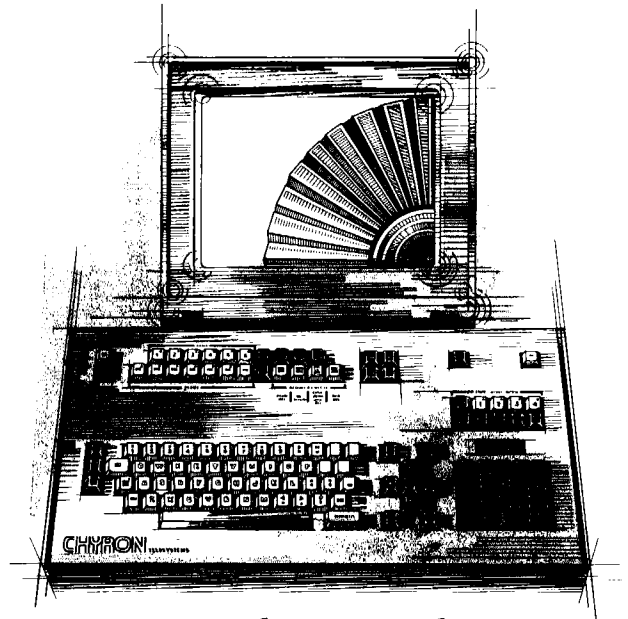
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Because you know better...

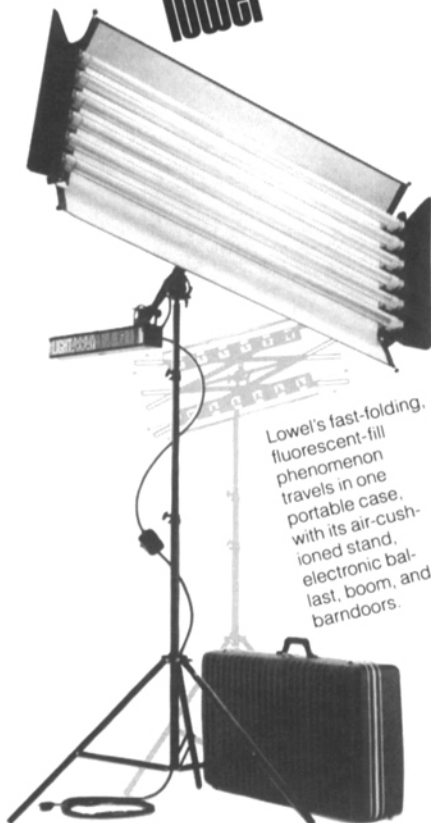
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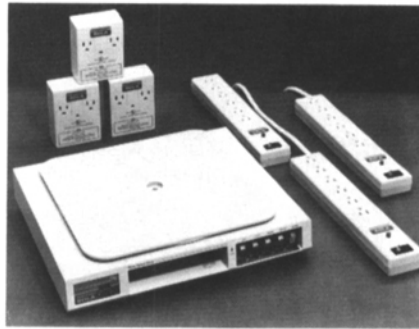
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Sola surge suppressors

power protection in sensitive computer and electronic environments, offer a transient current rated at 6500 A. Their peak wattage capabilities are 2.5 million for normal-mode and 170,000 for common-mode. At the top of the new line is the PCC-2001 Power Control Center, which is designed for standard computers and computer disk drives.

The 20 to 35mm *f*/3.5 converted Canon lens has been introduced by Optical and Textile Ltd. (OpTex), 22/26 Victoria Rd., New Barnet, Herts. EN4 9PF, England. The lens gives the Steadicam operator great flexibility: he can change his field of view in one smooth, uninterrupted movement. The lens is ideal for hand-held shots and for shooting in confined locations. It weighs less than 12 lb and features a minimum object distance of 1 ft, 9 in.



Nalpak Tripak tube case

The **Tripak Series** of tubular cases has been announced by Nalpak Video Sales, Inc., 1937-C Friendship Dr., El Cajon, CA 92020. The series includes protective tubular cases for camera tripods, stands, booms, antennas, and other photographic equipment. The cases, which are octagonal in shape, are lightweight, rugged, and shock-resistant. All units in the Tripak Series are constructed with twin handles, adjustable buckles, and added foam cushioning.

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INTRODUCING!

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Now Available!

Four videocassettes from SMPTE's Production Lighting Techniques Seminar, which was held on May 21, 1983.

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Tape 2—by Jack Cooperman

Tape 3—by Richard Glouner
Tape 4—by John Eisenbach

Tapes 1, 2, 3, and 4 are available in Beta and VHS formats. Deposit: \$30.00 each; overseas airmail; add \$10.00 per tape. 3/4 in. U-matic format. Deposit: \$35.00 each; overseas airmail; add \$25.00 per tape.

PLUS Three two-hour videocassettes on the one-day seminar exploring revolutionary breakthroughs in image manipulation affecting both film and video, which was held on May 10, 1986.

Image Manipulation: Matching the New Technology to Video and Film Production

Introducing Three videocassettes on electronic post-production for film and videotape. This highly successful one-day seminar, held on May 16, 1987, in Los Angeles, Calif., was cosponsored by the Hollywood Section of the Society of Motion Picture and Television Engineers and the University of Southern California School of Cinema-Television.

Electronic Post-Production Techniques: An Update 1987

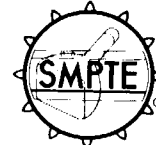
Electronic Post-Production Techniques: An Update 1987; and Image Manipulation: Matching the New Technology to Video and Film Production are available in Beta and VHS formats only. Both tapes come in sets of three. Deposit: \$49.95 per set; overseas airmail, add \$30.00 per set.

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