

128th SMPTE Technical Conference

Oct. 24–Oct. 29, 1986, New York City

Tentative Technical Program (*As of September 3, 1986*)

The following is a partial list of sessions in the technical program as supplied by Program Chairman L. John Spring. A more detailed listing will be found in the synopses and program booklets available at the conference.

Saturday Morning — October 25

Conference Opening: Welcoming address by SMPTE President Harold J. Eady, Novo Communications, Inc.

Guest Speaker: Mark L. Sanders, Ampex Corp., Special Technical Presentation

Sunday Morning — October 26

Laboratory Practices — Film and Video I
(*Concurrent with Computer Application for Television*)

The TFS Light Valve Controller

It Was Timed on an HFC (Formerly Hazeltine) Analyzer

A Low-Cost and Extremely Effective System for Taking Camera Negative to the Answer Print

An Electronic Analog to Upright and Flatbed Editing Machines
Hazard Communication Standards and Community Right-To-Know

Requirements in the Motion-Picture Industry, Update 1986

Sunday Morning

Computer Applications for Television
(*Concurrent with Laboratory Practices — Film and Video I*)

The Computerization of Television Production, Post-Production, and Broadcasting Operations: Whither It Goest, Thou *Must* Go!

Commercial VCR-Based High-Capability Data Recorder Development Potentials

The Computer as a Camera Operation and Image-Quality Manager

Programmable Video Synthesizers — Testing the New Horizons
The Computerization of Television Server and Distribution Systems — Concepts and Realities in a Customer-Driven Environment

The Computer as a Building Block in a Video Information System
The Computer as an Automated Operations Controller

Sunday Afternoon

Archival/Film and Video
(*Concurrent with Film and Video Post-Production I*)

3-D Technology: Visibility and Invisibility

Standardization and Independence: The Context of the Founding Characteristics of the SMPTE

The Stability of Kodak Professional Motion-Picture Film Bases

Sunday Afternoon

Film and Video Post-Production I
(*Concurrent with Archival/Film and Video*)

Creative Videodisc Applications Solutions

Soundmaster Syncro — A Programmable Control Center

The Past, Present and Future of Video Compositing

Motion Control Composites with Electronic Cinematography

Optimizing Traveling Matte Film Production for Electronic Compositing

SMPTE Journal, October 1986

Monday Morning — October 27

Laboratory Practices — Film and Video II
(*Concurrent with Trends in Image and Audio*)

The Audio Side of Consumer Videotape Duplication — A Tutorial
HFC Fully Automated Daylight Proofing Printer

Monday Morning

Trends in Image and Audio
(*Concurrent with Laboratory Practices — Film and Video II*)

High-Efficiency Film Projection with Curved Screens

An Econometric Forecast of Market Forces Impacting Adoption of Stereo Television in the United States

Electronic Composition and Sound Design for Film and Commercials

High-Definition Movies with High-Impact Auditoriums

Monday Afternoon

Film and Video Post-Production II
(*Concurrent with Digital Application for Television I*)

Criteria for the Evaluation of Three Dimensional Graphic Systems

Monday Afternoon

Digital Application for Television I
(*Concurrent with Film and Video Post-Production II*)

HDTV Bandwidth Reduction By Adaptive Subsampling and Motion Compensation DATV Techniques

The Computer as an Operations Automation Controller

Universal Video Signal Processing System: Aiming at Constructing Flexible Broadcasting Systems

HDTV: The Bottleneck

Cost Effective Sync Pulse Generation Using a Logic Gate Array

All-Digital Television Transmission from Studio to Home Via an Optical-Fiber-Based Integrated Service Network

Adaptive Equalization Techniques for Digital Video Recording Systems

Tuesday Morning — October 28

Enhancing the Theater Experience
(*Concurrent with Film and Electronic Production I*)

Digital Sound for Theaters

Other papers include: Historical Review, Visual Effects, and FUTURVISION 360™ Motion-Picture Exhibition System

Tuesday Morning

Film and Electronic Production I
(*Concurrent with Enhancing the Theater Experience*)

Lighting for the Television Camera — A Matter of Balance

A System Approach to Digital Effects in a Changing Environment

Low and High-Speed Photography with HMIs

Parallel Component Analog Video Amplitude and Timing Considerations

Intercom System for Television

Electronic Cinematography for Motion-Picture Film

Tuesday Afternoon

Film and Laboratory Technology
(Concurrent with *Digital Application for Television II*)

A New Eastman Color Negative Film

A Modern Method For Producing Tints and Tones in Monochrome Films

Experimental Determination of the Maximum Film Density Which Can Be Handled by Modern Telecines

New Fujicolor Intermediate Film

V.A.F.E. — 80 Bit SMPTE Time Code on Film

Tuesday Afternoon

Digital Application for Television II
(Concurrent with *Film and Laboratory Technology*)

Product Implementation of the 4:2:2 Component Digital Format Techniques for Improving VITS Generators/Inserters to Meet New Demands

The Digital Production Center

Wednesday Morning — October 29

TV Camera Systems
(Concurrent with *Audio: "Talkies Are Back"*)

New High-Performance Portable Camera — BVP-350

QT M-S New Saticon®: H4228

Improvement of Dynamic Resolution Using CCD Electronic Shutter

BVW-105 — New 510-Element CCD in News Camcorder

The Motorcycle Radio-Camera System

Wednesday Morning

Audio: "Talkies Are Back"
(Concurrent with *TV Camera Systems*)

Designing a Film Mix Theater for Video Applications

Wednesday Afternoon

Film and Electronic Production II
(Concurrent with *Enhanced Television Systems*)

A High-Capacity Data Network for Television Studio and Station Applications

A Component Analog News Studio Center

Matrix Time Code — An Optimized Format for Optical Time Code on Film

An Innovative Luminaire that Simplifies Shooting in Fluorescent Lit Locations

Camera Lens and Light Source Filtering Recommendations for Use in Fluorescent and High-Intensity Discharge Lighting Situations

Wednesday Afternoon

Enhanced Television Systems
(Concurrent with *Film and Electronic Production II*)

HDTV Compatible Transmission System

A Proposal for a New High-Definition NTSC Broadcast Protocol Desirable Changes in NTSC Standard and Practices

Development of an Eye Movement Analyzer and its Application to the Study of Quantitative Evaluation of Psychological Effects Caused by HDTV Displays

Honors and Awards Luncheon

The presentations of honors and awards, which annually recognize both outstanding technical achievements in the industry and distinguished service to the Society, will take place on Saturday, October 25, during a luncheon at the Jacob K. Javits Convention Center (Hall 1D). Dr. George H. Brown, former engineering executive at RCA Corp., who was instrumental in

the development of the technology for color television, will be the luncheon speaker.

The fee for the luncheon is included in the weekly Member, weekly Non-Member, Spouse, Life Member, and Life Fellow registrations.

Fellows Luncheon

The Society's new Fellows will be honored at a luncheon that will take place on Sunday, October 26, at 12:45 p.m., in Hall 1E of the convention center. Fellows are those engineers or executives who, in the opinion of the SMPTE Board of Governors and Fellow Membership Award Committee, have attained outstanding rank in the motion-picture, television, or related industries. A reception is scheduled for 12:00 p.m. Roland J. Zavada, Eastman Kodak Co., will be the speaker at the Fellows Luncheon.

The Society encourages all Fellows and Life Fellows to use the registration form included with this article to order luncheon tickets, as there will not be a separate mailing for this event. The prepurchased tickets will be available at the New York Hilton, Avenue of the Americas at 53rd St., on Friday, October 24, or at the convention center's registration desk on Saturday, October 25, and Sunday morning, October 26.

SMPTE Committee Meetings

The Hilton will be the site for the Executive Committee and Board of Governors meetings. The various administrative and engineering technology committees are scheduled to meet at the convention center. All committee members will be notified in advance of meeting times and places. The complete schedule of SMPTE committee meetings will appear in the conference program, which can be picked up at the main registration area of the convention center.

Sponsored Activities

The conference reception, once again courtesy of Eastman Kodak Co., is set for Friday evening, October 24. It will take place at the Copacabana, the popular New York City night spot on East 60th St., beginning at 6:00 p.m.

Fuji Photo Film, U.S.A., will again arrange a Coffee Club for conference attendees. The coffee and tea will be set up in Lobby 1D of the convention center from Saturday through Wednesday, between 7:45 a.m. and 10:00 a.m.

Other companies and organizations that have agreed (as of August 30) to sponsor activities at the conference are Abekas Video Systems, Inc. (Lounge Area); Ampex Corp. (Conference Program Booklet); Capital Cities/ABC Inc. (Pages); Dolby Laboratories, Inc., and Agfa-Gevaert, Inc., (Honors and Awards Reception); Magna-Tech Electronic Co. (Fellows Luncheon Reception); and the Will Rogers Institute (Blood Pressure Clinic).

The SMPTE wishes to thank all sponsors for their generous support.

Spouses Program

The spouses attending the conference will be treated to the magnificent sights and rich culture of New York City. The Spouses Program will run for five days, beginning on Saturday, October 25, and concluding on Wednesday, October 29. Registration will take place on Friday, October 24, starting at 12:00 p.m., at the New York Hilton. The complete schedule of activities will be printed in the program booklet.

SMPTE Banquet

A Banquet, Reception, and Dance will be held in the Grand Ballroom of the Hilton on the evening of Monday, October 27. The reception, beginning at 7:00 p.m., will feature background music by a trio. Dinner will be preceded and followed by dancing to a 16-piece band, featuring singer Francine Evans. A show, headlining comedian Freddie Roman and song-and-dance act, Meritt & Morcau, will begin at 10:00 p.m. Companies wishing to reserve one or more tables at the Banquet should contact SMPTE Headquarters for the necessary forms.

Exhibit Directory

Abbott and Co.

1611 Cascade Dr., Marion, OH 43302

Booth: 543

Product Description: Safety lock power distribution system that assures ground first in/last out while using single-pin connectors.

Booth Personnel: R. Palmer, H. Snow.



Abekas Video Systems, Inc.

353A Vintage Park Dr., Foster City, CA 94404

Booth: 456

Product Description: A62 digital disk recorder, A53-D digital special effects, A52 digital special effects, A52 component, and A42 video slide projector.

Booth Personnel: Y. Kamath, P. Bennett, J. Sheikh, L. Kelson, N. Sazegar, M. Pinkel, B. Ludwig, A. Shifrin, H. Rogers.

Adams-Smith

34 Tower St., Hudson, MA 01749

Booth: 645

Product Description: Videotape editing systems; audio-for-video sound editing systems; time-code, tape-synchronizing, and MIDI products for production and post-production.

Booth Personnel: H. Adams, J. Junker, G. Lester, S. Porter, A. Simon, S. Strassberg, H. Williams.

Adcom Communications Inc.

555 W. 57th St., New York, NY 10019

Booth: 640

Product Description: Ultimatte-5, Faroudja encoders/decoders, Time Arts EVA computer graphics system, Videocomedia editing system.

Booth Personnel: A. Leon, B. Singer, D. Herring, T. Oliviero, B. Sharp, R. Ellenberg, P. McDonnell.



A.F. Associates, Inc.

100 Stonehurst Ct., Northvale, NJ 07647

Booth: 518

Product Description: Turnkey systems, design and fabrication; Marconi CCD telecine; AVS standards converters; Pegasus commercial compilation and presentation system; various AFA products.

Booth Personnel: T. Canavan, R. Lunniss, M. Bressack, M. Altman, J. McGrath.



Agfa-Gevaert, Inc.

275 North St., Teterboro, NJ 07608

Booth: 134

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Product Description: PEM 468, 469, and 369, high-output, low-noise, low-print-through mastering tapes; PEM 526 bin loop tape; PEM 297D 1/4 and 1-in. digital mastering tape; Broadcast Plus U-Matic videocassettes, packaged KCS 10, 20 (mini) and KCA 5, 10, 20, 30, and 60; studio performance 1/2-in. Beta/VHS videocassettes, packaged and duplicator; new 1/2-in. duplicator pancake PEV 192, HGX.

Booth Personnel: M. Curry, A. Da Puzzo, C. Emery, J. Tibensky, J. Matarazzo, B. Zamosciany, P. Jensen, B. McNabb, M. Caputo, J. Williams, D. Saver, M. Barrows, L. Cummings, E. Mosera, E. Regina, S. Des Jardins, J. Palma, S. Leader, T. Sosa.

AKG Acoustics, Inc.

77 Selleck St., Stamford, CT 06902

Booth: 1337

Product Description: AKG microphones, headphones, microphone stands and booms, digital time-delay units, digital reverb and effects, stereo processors, wireless microphone.

Booth Personnel: D. Talbot.

Alexander Mfg. Co.

1511 S. Garfield Pl., Mason City, IA 50401

Booth: 539

Product Description: Batteries, battery chargers, and analyzers used in VTR and ENG equipment.

Booth Personnel: R. Williams, B. Sapp, J. Sapp.

Alpha Audio

2049 W. Broad St., Richmond, VA 23220

Booth: 472

Product Description: Sonex, Soundtex, Acoustilead acoustic materials; The BOSS automated audio editing system.

Booth Personnel: N. Colleran, E. Johnson, D. Walker, B. Tulloh, J. Harlow, K. Fitzgerald, M. Binns, J. Burke.



Alpha Video & Electronics Co.

28 E. Mall Plaza, Carnegie, PA 15106

Booth: 1072

Product Description: Wideband direct color U-Matic, zero-off-set time-code and balanced audio retrofits for Sony U-Matic, time-code restripe retrofits, time-code retrofits for VO-6800.

Booth Personnel: H. Lassige, T. Lassige, V. Ferry, D. Reynolds, L. Laabs, B. Conley, G. Fazio, D. Chevalier, A. Sturm, G. Craig, J. Tomini.

Alta Group, Inc.

535 Race St., Ste. 230, San Jose, CA 95126

Booth: 548

Product Description: PYXIS, PYXIS-P, and CYGNUS dual and single-channel video production systems featuring digital production effects, TBC, video and audio routing switcher and image enhancement.

Booth Personnel: F. Alioto, D. Edmonds, W. Lee, M. Tallent, R. Long, T. Dumont, L. Tallent.



American Studio Equipment
8922 Norris Ave., Sun Valley, CA 91352

Booth: 1180

Product Description: Grip and electrical equipment ranging from century stands to 20X20-ft overhead units, car mounts, and camera wheel chair dolly.

Booth Personnel: L. Snoke, P. Garrett, V. Garrett, C. Snoke.

Amherst Electronic Instruments, Inc.
P.O. Box 201, Haydenville, MA 01039

Booth: 1216

Product Description: Amicon expandable video image corrector/controller with time-base corrector, programmable processing amplifier, time-code reader/generator, and edit controller; custom software.

Booth Personnel: C. Chaleki, J. Manfield, T. Clegg, T. Fuller, P. Morin, G. Conz, C. Davis.



Amperex Electronic Corp.
Providence Pike, Slatersville, RI 02876

Booth: 1230

Product Description: Plumbicon® television camera tubes and frame-transfer CCD image sensors.

Booth Personnel: R. Utterback, K. Rabbitt, E. Cirri, W. Doesschate, E. Martins, E. Spidell.



Ampex Corp.
401 Broadway, Redwood City, CA 94063

Booth: 600

Product Description: Professional television equipment including VTRs, video processors, TBCs, editing systems, switchers, special effects systems, 3-D animation, and video graphics systems.

Booth Personnel: M. D'Amore, R. Natwick, F. Rush, M. Wolshon, B. Ballantyne, R. Corrigan, D. Schmitt, S. Singer.

Amtel Systems, Inc.
33 Main St., Ste. 303, Nashua, NH 03060

Booth: 741

Product Description: Complete line of time-code and synchronization equipment for audiotape, videotape, and film applications.

Booth Personnel: M. Wronski, P. McDonnell, S. Carnahan, G. McKoen, M. Martin, E. Labanowicz, R. Wilk.

Andiamo Inc.
P.O. Box 8415, Fountain Valley, CA 92728

Booth: 1239

Product Description: Aerospace™ air- and watertight ATA-300 specification transport cases.

Booth Personnel: J. Myers, T. Myers, V. Myers, A. Oryniak.



Angenieux Corp. of America
7700 N. Kendall Dr., #303, Miami, FL 33156

Booth: 128

Product Description: Cine lenses: 10X25 HP T3.7 35mm, 12X11.5 and 12X10 T2 16mm; TV lenses: 14X7 ultra-wide angle, 14X8 EFP non-rotative front element, 14X9 ENG.

Booth Personnel: J. Martinez, G. Tubbs, A. Mikes.



Anton/Bauer, Inc.
One Controls Dr., Shelton, CT 06484

Booth: 834

Product Description: DataTap™, ADM (automatic discharge module) Lifesaver® chargers, ProPac 13/14-V Snap-On® NiCd batteries, MicroControl, UltraLight, Mobile fast charger, power strap.

Booth Personnel: A. Wilson, G. Bauer, J. O'Keefe, J. Lantowski, J. Corrigan, K. Miller, K. Jurewicz, C. Schurk.



Anvil Cases, Inc.
4128 Temple City Blvd., Rosemead, CA 91770

Booth: 930

Product Description: Heavy-duty custom shipping and carrying cases, containers, and EIA rackmounts.

Booth Personnel: R. Hoopes, M. Descoteau, D. Molloy.



Aphex Systems, Ltd.
13340 Satcoy St., N. Hollywood, CA 91605

Booth: 943

Product Description: Aural Exciter psycho-acoustic audio enhancer, Compellor intelligent compressor/leveler, and new Studio Dominator multi-band peak processor.

Booth Personnel: J. Sanserino, M. Caesar, P. Lintz, D. Werrbach, J. Martindale.



Arriflex Corp.
500 Rt. 303, Blauvelt, NY 10913

Booth: 528

Product Description: ARRI 35BL-4 and 16/35mm camera equipment; Zeiss lenses; new Video Assist; ARRI lighting; new fresnel series, HMI, Arrilites; Lightflex; VAFE/Time; Cinejib camera crane; Hot Dog dolly.

Booth Personnel: C. Davidson, G. Greczylo, R. Schreiber, J. Schwinzer, V. Bahnemann, S. Loth, B. Russell, H. Bergmann, R. Mueller.

Artel Communications Corp.
93 Grand St., Worcester, MA 01610

Booth: 1242

Product Description: SL2000 and SL3000 video/audio/data communication systems to transmit broadcast-quality signals from 1 to 50 mi without repeaters.

Booth Personnel: J. Andersen.



Asaca/Shibasoku Corp. of America
12509 Beatrice St., Los Angeles, CA 90066

Booth: 780

Product Description: Audio and video test and measurement equipment, high-resolution color monitors, portable production equipment, automatic random-access video cart systems.

Booth Personnel: A. Davis, T. Tanaka, S. Ohya, A. Au, P. Backer, T. Shigezaki, N. Shigezaki, K. Ezoe, I. Ichenose, R. Bossert, L. Sawder, A. Fenner, H. Nishimura.

Aston Electronics, Inc.
346 N. Lindenwood Dr., Olathe, KS 66062

Booth: 581

Product Description: Video character generators.

Booth Personnel: D. MacClymont, D. MacClymont, D. Lueders, J. Wakeford.

Audico, Inc.
219 Crossen Ave., Elk Grove, IL 60007

Booth: 511

Product Description: Video (U-Matic, VHS, Beta, 8mm) and audio cassette tape loaders, counters, rewinders, and pressure-sensitive label sheets; videocassette reloaders, cross-loaders, and cyclers; splicers.

Booth Personnel: B. Hinkle, N. Deletzke.

Audio Services Corp.
4210 Lankershim Blvd., N. Hollywood, CA 91602

Booth: 1275

Product Description: Portable production sound equipment for film and video: Nagra, Sennheiser, and Schoeps recorders, Neumann microphones; sound carts, mixers, power packs, cases, time-code slates, wireless microphones, and windscreens.

Booth Personnel: D. Panfili, M. Riner, D. McJunkin, A. Vidana, R. Topham, R. Topham, B. Drucklieb, M. Topham, R. Topham, O. Figueroa, R. Topham, A. Littlejohn, A. Cooney-Lignowski.

Aurora Systems
185 Berry St., Ste. 444, San Francisco, CA 94107

Booth: 228

Product Description: Aurora 200 Series of digital videographic systems.

Booth Personnel: T. Beams, S. Ross, M. Frange, L. Zimmerman, D. Rarey, D. Shoup, J. Fadely.

Barco-Industries, Inc.
170 Knowles Dr., Ste. 212, Los Gatos, CA 95030

Booth: 1232

Product Description: CVS series intelligent broadcast monitors;

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CTVM and CM series professional broadcast monitors; PCD3 series precision chroma decoders, automatic switching system.

Booth Personnel: W. Werdmuller, M. Lockwood, D. DeSmet, P. Paelinck, N. Lietaert, J. Verbrugge, M. Piepers.

Belar Electronics Laboratory, Inc.
119 Lancaster Ave., Devon, PA 19333

Booth: 1036

Product Description: Television aural modulation and frequency monitoring equipment, BTSC stereo TV monitors, and reference decoders.

Booth Personnel: A. Meyer, H. Larkin, D. Macomber, M. Olama.



Belden Communications, Inc.
534 W. 25th St., New York, NY 10001

Booth: 1341

Product Description: Lee color-effect, diffusion, and color-correction filters, resin camera filters, and polyester photographic filters.

Booth Personnel: M. Sheppard, D. Vaudo, P. Nielson, P. Sutton.

Beyer Dynamic Inc.
5-05 Burns Ave., Hicksville, NY 11801

Booth: 936

Product Description: Condenser and dynamic microphones, professional and communication headphones and electronics; microphone accessories, stands, and booms; wireless microphones.

Booth Personnel: P. Murphy, M. Solomon, B. Lowig.



BHP, Inc.
1800 Winnemac Ave., Chicago, IL 60640

Booth: 448

Product Description: BHP motion-picture film printers and accessories, electronic printer control systems, and videotape editing systems.

Booth Personnel: J. Ehrenberg, G. Darrell, B. Rady, J. Behrend, F. Pinto, D. Bayliss, K. Pahnke.

Bi-Tronics, Inc.
76 Main St., Tuckahoe, NY 10707

Booth: 1041

Product Description: Mogami super-flexible video and audio cable, custom cable assemblies, connectors, and adaptors for professional and industrial cameras, monitors, recorders, and data applications.

Booth Personnel: J. Schwartz, R. Huppert, B. Sherwood, J. Cardone, S. Goldstein, I. Fried, J. Picciallo, A. Chiarella.



Robert Bosch Corp., Video Equipment Div.
(See BTS Broadcast Television Systems)
P.O. Box 31816, Salt Lake City, UT 84131

Booth: 1000

Product Description: FDL-60 film-to-tape transfer; FRP-60 color corrector; FSG-4000 computer graphics system; 3-D illustrator, 3-D graphic paint system; graphics modeler; KCM-125 automatic camera; KCF-1 portable ENG/EPF camera; TVS/TAS-2000 distribution switcher; MCS master control switcher; signal-processing equipment.



BTS Broadcast Television Systems, Sales and Service Headquarters

(A joint company of Bosch and Philips)

900 Corporate Dr., Mahwah, NJ 07430

Booth: 1000

Product Description: Bosch: FDL-60 film-to-tape transfer; FRP-60 color corrector; FSG-4000 computer graphics system; 3-D illustrator, 3-D graphic paint system; graphics modeler; KCM-125 automatic camera; KCF-1 portable ENG/EPF camera; TVS/TAS-2000 distribution switcher; MCS master control switcher; signal-processing equipment. Philips: LDK-6A, LDK-26A automatic cameras; LDK-54A triax portable companion; LDK-54 camera/recorder; LDK-7020 high-resolution color monitor; LDH-6220, LDH-6200 color monitors; sync pulse generator.

Calaway Engineering

49 S. Baldwin Ave., Sierra Madre, CA 91024

Booth: 113

Product Description: Computer-assisted videotape editing equipment.

Booth Personnel: J. Calaway, T. Werner, M. Bevitz, D. Vincent.

Calzone Case Co.

225 Black Rock Ave., Bridgeport, CT 06605

Booth: 107

Product Description: Camera cases, lighting cases, grip cases, computer cases, and custom applications.

Booth Personnel: J. Calzone, V. Calzone, T. Mackno, B. Honeycomb, L. Cortigiano, B. Cralle, J. Monroe.



The Camera Mart, Inc.

456 W. 55th St., New York, NY 10019

Booth: 1144

Product Description: Professional broadcast and motion-picture equipment.

Booth Personnel: S. Hyman, P. Meistrich, S. Brown, J. Wohl, S. Ben-Dor, L. Rosenberg, H. Browning, J. Yacobellis, A. Sagastegui, Q. Nelson.



Canon U.S.A., Inc.

One Canon Plaza, Lake Success, NY 11042

Booth: 432

Product Description: Canon BCTV zoom lenses J13×9,

1040

J15×9.5, J8×6, J18×9, J45×9.5; television lenses and accessories; camera support equipment.

Booth Personnel: J. Keys, I. Nogi, J. Wolfe, T. Kitazana, T. Miller, T. Oikawa.

Dwight Cavendish Co.

2117 Chestnut Ave., Wilmette, IL 60091

Booth: 565

Product Description: Modular videocassette duplicator for use in professional duplication applications; new automated quality-control station, expandable for low or high-volume applications; duplication modules.

Booth Personnel: M. Ruehrdanz, C. Ruehrdanz, G. Frost, D. Jones, J. Dow, J. Hollenkamp, J. Botalli, B. Flint.

CEI Technology

880 Maude Ave., Mountain View, CA 94043

Booth: 340

Product Description: Video Assist frame-line/safe-area generator.

Booth Personnel: A. Jensen, C. Headly.



Central Dynamics Corp.

147 Hymus Blvd., Pointe-Claire, Que., Can. H9R 1G1

Booth: 764

Product Description: New series of distributed effects video production switchers; SDS-2 routing switcher; CD680, 4-bus SFX switcher.

Booth Personnel: R. Holmes, R. Williams, P. Manning, J. Bastien.



Centro Corp.

9516 Chesapeake Dr., San Diego, CA 92123

Booth: 664

Product Description: Design, engineering, and construction services for production, post-production, and broadcast facilities and mobile units; electronic equipment racks and consoles.

Booth Personnel: D. Wenhardt, K. Tondreau, F. Powers, V. Jakimzak.



Century Precision Optics

10713 Burbank Blvd., No. Hollywood, CA 91601

Booth: 1258

Product Description: Video and motion-picture camera lenses, lens accessories, custom optical products, and lens service; new PL-mounted Cooke Speed Panchro lenses.

Booth Personnel: S. Manios, W. Turner, J. Giordano, B. Levy.

Cetec Vega

9900 Baldwin Pl., El Monte, CA 91731

Booth: 1313

Product Description: Wireless microphone system, wireless intercom systems.

Booth Personnel: P. Baughman.

Chyron Corp.
265 Spagnoli Rd., Melville, NY 11747

Booth: 210

Product Description: Telesystems Div.: new Chyron 4200 with motion and scribe; Video Products Div.: VT-2 character generator and Chameleon paint system.

Booth Personnel: J. Scheuer, D. Buckler, L. Mincer, R. Witko, B. Hendler, B. Reinhart, M. Ahern, A. Geiger, S. Stanco, A. Rudden, B. Cerbone.

Cine 60 Inc.
630 Ninth Ave., New York, NY 10036

Booth: 613

Product Description: Hitch-Hiker camera batteries, battery belts, packs, sun-guns, sun-gun kits, Hitch-Hiker fast chargers, Quik chargers, power-gun kits, battery cables; BP-90, NP-1, BP-60, BP-20 batteries; battery analyzer.

Booth Personnel: D. Civitillo, R. Kabo, P. Wildum, O. Bruce, R. Salles, M. Gehring, P. Wildum, Jr., F. Zierer, J. Ocenasek, R. Figueroa.



Cinema Products Corp.
2037 Granville Ave., Los Angeles, CA 90025

Booth: 1001

Product Description: FX 35, Mini Worrall, Steadicam, J-6 zoom control, Camraprompter, Showscan CP-65, Moviecam super rental, Steadigate.

Booth Personnel: E. DiGiulio, E. Clare, J. Garfield, C. Jackson, M. Penner, I. Love, S. Lewis, N. Samuels.



Cinematography Electronics, Inc.
1625 Stanford St., Santa Monica, CA 90404

Booth: 1200

Product Description: Crystal high-speed control for ARRI-3 cameras; SR crystal speed control; precision speed control for filming computer and TV monitors; 35 BL crystal speed control for ARRI cameras; video sync control; single-frame modification kit for ARRI 35BL, 35-3, 16 SR; Intervalometer; strobe sync control; Cine-Check optical tach for HMI flicker.

Booth Personnel: L. Barton, L. Barton, K. Hudson, F. Lucas, R. Ofria, K. Smith, T. Brown.



Cipher Digital, Inc.
5734 Industry Ln., Frederick, MD 21701

Booth: 1029

Product Description: Time-code equipment, readers and generators; event controller/coincidence detectors, audio editing and transport controllers.

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Booth Personnel: A. Mattia, M. Danner, W. Rader, L. Jarkey, H. Todt.

Clear-Com Intercom Systems
1111 17th St., San Francisco, CA 94107

Booth: 877

Product Description: Distributed amplifier intercom system consisting of main and remote stations, belt packs, headsets, and interfaces to other communication systems.

Booth Personnel: B. Tourkow, M. Goddard, B. Fluster, S. Krentz, D. Wogman.



CMX Corp.
2230 Martin Ave., Santa Clara, CA 95050

Booth: 956

Product Description: Innovations in computer-assisted audio, film, and videotape editing systems, featuring CMX 6000, EDL Optimizer, CASS 1, 3400A, 3100, 336XL, and 330XL.

Booth Personnel: G. Hinderliter, L. Weiland, D. Sirinsky, C. Hardman, J. Shike, S. Weisser, S. Overton, R. Detter, B. Ramsaur, H. Thayer, D. Niederhauser, D. MacPherson, R. Johnson, T. Greaves, D. DeBeradinis, E. Bolger, S. Goodman.

Coherent Communications, Inc.
13756 Glenoaks Blvd., Sylmar, CA 91342

Booth: 412

Product Description: SMPTE time-code equipment for film and television, miniature video and audio transmitters and receivers, portable audio mixers, and mini-mic miniature lavalier microphones.

Booth Personnel: I. Kruglak, S. Defco, P. Spinelli, H. Howard.

ColorGraphics Systems, Inc.
5725 Tokay Blvd., Madison, WI 53719

Booth: 1033

Booth Personnel: S. Smedberg, B. Miller, V. Jones, D. Hinahara.



Colortran, Inc.
1015 Chestnut St., Burbank, CA 91506

Booth: 540

Product Description: Lighting, dimming, and control equipment.

Booth Personnel: D. Maki.



Comprehensive Video Supply Corp.
148 Veterans Dr., Northvale, NJ 07647

Booth: 300

Product Description: Professional video supplies and accessories including computer software, interface products, lighting systems, and a "comprehensive array" of problem solvers.

Booth Personnel: J. Leni, A. Kramer, M. Callaghan, M. Schimmel, P. Birch, M. Levin, E. Coppinger, A. Greissman.

Compu=Prompt

746 N. Cahuenga Blvd., Los Angeles, CA 90038

Booth: 581

Product Description: Computerized teleprompting equipment with color monitors and portable units for ENG cameras; podium displays.

Booth Personnel: C. Goodin, J. Friedberg, S. Hurwitz, J. Melfi.

Computer Prompting Corp.

1511 K St. NW, Ste. 831, Washington, DC 20005

Booth: 546

Product Description: CPC-1000 computerized teleprompter that operates on IBM personal computers and compatibles, with closed captioning option.

Booth Personnel: S. Hoffman, D. Som.



Convergence Corp.

1641 McGaw, Irvine, CA 92714

Booth: 904

Product Description: Three video edit-control systems, including video switchers and monitors: ECS-1000, ECS-205, ECS-195.

Booth Personnel: F. Jackson, J. Peacher, R. Moscarello, S. DiFranco, T. Drewke, C. Smith, D. Dodson, J. Burns, R. Hickman, D. Potts, P. Heck, R. Montminy, K. Cawley, J. Harms, J. Campbell, G. Bates, G. Beeson.



Corporate Communications Consultants, Inc.

64 Clinton Rd., Fairfield, NJ 07006

Booth: 774

Booth Personnel: A. Sarabia, S. Chayka, D. Adams, K. Huldgren, Z. Ilciwat, J. Keller, M. Ellis, B. Hicks.

Crosspoint Latch Corp.

95 Progress St., Union, NJ 07083

Booth: 567

Product Description: Video production/post-production and master control switchers; automation equipment for switchers; combination switchers and time-base correctors.

Booth Personnel: M. Molinaro.

Datatek Corp.

1121 Bristol Rd., Mountainside, NJ 07092

Booth: 1136

Product Description: Video and audio routing switchers, video and audio amplifiers.

Booth Personnel: B. Rainey, Jr., S. Malley, A. Witheridge, M. Davies, B. Rainey, Sr., R. Rainey, D. Antonellis.



Datum Inc.

1363 S. State College Blvd., Anaheim, CA 92806

Booth: 509

Product Description: SMPTE time-code generators, readers, and inserters; video data encoders and decoders.

Booth Personnel: R. Smith, G. Geil.

Davis & Sanford Co., Inc.

24 Pleasant St., New Rochelle, NY 10802

Booth: 141

Product Description: Video tripods with various heads, tripods for special instruments, pedestal stands, Folding Pier, Universal fluid heads, wall brackets, wall and ceiling monitor mounts.

Booth Personnel: G. Gonye, E. Resk, B. Essex, C. Piro, W. Resk, Sr., W. Resk, Jr., J. Lienau.



DeSisti Lighting/Desmar Corp.

328 Adams St., Hoboken, NJ 07030

Booth: 120

Product Description: Complete range of HMI fresnels to 12,000 W; 1, 2, 5, and 10K quartz fresnels, studio and location sizes; HMI softlights; 200-W discharge sungun, electronic ballasts, and portable kits; new studio rigging accessories.

Booth Personnel: M. DeSisti, F. Marsico, W. Mills, F. Costantini, E. Druker, A. Garcia, R. Rau, F. DeSisti.

Digital Services Corp.

3622 N.E. Fourth St., Gainesville, FL 32609

Booth: 856

Product Description: Eclipse and Illusion digital video effects systems, SX2000D digital effects with switching capabilities, Prisma graphics animation system.

Booth Personnel: J. Davis, A. Merideth, J. Barker.



Di-Tech Inc.

48 Jefryn Blvd., Deer Park, NY 11729

Booth: 167

Product Description: Audio and video routing switchers, audio/video/pulse distribution amplifiers, video equalizers, video presence detectors, DTMF control systems, audio monitor amplifiers.

Booth Personnel: D. Mazur, A. Bolletino.



Dolby Laboratories, Inc.

100 Potrero Ave., San Francisco, CA 94103

Booth: 646

Product Description: Complete line of audio noise-reduction equipment for professional audio and video recorders; full line of motion-picture sound processors.

Booth Personnel: K. Dauphinee, B. Cavanaugh, B. Mead, I. Allen, G. Douglas, D. Robinson.

Dorrrough Electronics

5221 Collier Pl., Woodland Hills, CA 91364

Booth: 109

Product Description: Program level meter with simultaneous LED display of peak and average information for gain riding and monitoring mono or stereo audio signals.

Booth Personnel: M. Dorrough, K. Dorrough.



Dubner Computer Systems, Inc.

6 Forest Ave., Paramus, NJ 07652

Booth: 634

Product Description: Two DPS-1 NTSC paint systems and 20K low-cost character generator.

Booth Personnel: M. Fau.



Dynair Electronics, Inc.

5275 Market St., San Diego, CA 92114

Booth: 1309

Product Description: Audio/video switching and distribution equipment.

Booth Personnel: D. Castellini, B. Jacobs, P. Lynch, J. Meck, T. Meyer, R. Smith, A. Wilson.



Eastman Kodak Co.

343 State St., Rochester, NY 14650

Booth: 700

Product Description: Professional motion-picture films, videotapes, and electronic hardware; 8mm video duplicators, still video systems, latest film post-production technology (Datakode), 1-in. videotapes, and film-to-tape transfers.

ECHOLab Inc.

175 Bedford Rd., Burlington, MA 01803

Booth: 149

Product Description: DV-5 DV-generation switcher with digital calibration and Time-Tracker programming; SE-6 with Time Tracker and SMPTE serial links to editors and AFS.

Booth Personnel: L. Baxter, P. Sjöfors, R. Smith, R. Whittaker, T. Whittaker.

Elcon Associates

1450 O'Connor Dr., Toronto, Ont., Canada M4B 2T8

Booth: 169

Product Description: Broadcast-quality videotape cleaner/profilers, featuring 1200 series full track coverage for 1-in. tape and EA750 for 3/4-in. cassettes.

Booth Personnel: B. Walters, M. Walters, D. Baker, M. Warren, H. Chrons.

SMPTE Journal, October 1986

ESE

142 Sierra St., El Segundo, CA 90245

Booth: 1347

Product Description: Solid-state digital time-code readers, generators, comparators, inserters, timers, time calculator, video distribution amplifiers, 1/2-in. editing system.

Booth Personnel: B. Mayers, J. Mayers.

Eventide Inc.

One Alsan Way, Little Ferry, NJ 07643

Booth: 1261

Product Description: Digital audio effects production equipment, including multi-purpose SP2016 effects processor/reverb and H949 and H969 Harmonizer® pitch change/effects units.

Booth Personnel: J. Shapiro, G. Griffith, J. Meade, R. Factor.

Evertz Microsystems Ltd.

3515 Mainway, Burlington, Ont., Canada L7M 1A9

Booth: 868

Product Description: Complete line of post-production SMPTE/EBU time-code equipment for LTC or VITC; new Audio/Video synchronizer line.

Booth Personnel: A. Lambshead, D. Evertz, C. Lancaster, B. Evans, R. Evertz.

Excalibur Industries

12427 Foothill Blvd., Lake View Terrace, CA 91342

Booth: 1272

Product Description: Standard and custom cases, 19-in. rack-mount cases, travel carts, transit cases.

Booth Personnel: J. Gresch, J. Byron, J. Tawil, W. DeVore, R. Peterson, P. Gresch.

Fairlight Instruments, Inc.

2945 Westwood Blvd., Los Angeles, CA 90064

Booth: 1170

Product Description: Fairlight CVI-computer video instrument, real-time digital effects processor and paint facility; encoded qwerty keyboard, memory module.

Booth Personnel: M. Callen, A. Dumont, J. Bezjain, J. Harris, G. Salzer.

Faroudja Laboratories, Inc.

946 Benicia Ave., Sunnyvale, CA 94086

Booth: 438

Product Description: Artifacts-free NTSC encoder; comb-filter NTSC decoder with RGB, component outputs; automatic flesh-tone corrector; VHP vertical and horizontal detail processor.

Booth Personnel: Y. Faroudja, I. Faroudja, T. Lyon, J. Campbell, M. Silva, H. Massei, F. Massei, T. Stewart.

FGV Panther (formerly FGV Schmidle & Fitz)

Rotbuchenstr. 1, Munich, F.R. Germany 8000

Booth: 770

Product Description: Electro-mechanical camera dolly enabling camera operator and assistant to shoot during up and down movements; Super Jib arm for dolly.

Booth Personnel: M. Schmidle, H. Schmidle, E. Fitz, F. Gran-derath.

**Film Processing Corp.****3602 Crenshaw Blvd., Los Angeles, CA 90016***Booth: 1263**Product Description:* 35, 17.5, and 16mm magnetic recording film and editorial leaders.*Booth Personnel:* B. Stultz, R. Friedman.**FOR•A Corp. of America****320 Nevada St., Newton, MA 02160***Booth: 1074**Product Description:* Component video system including CVM-500 switcher, FA-450 TBC, and CCS-4400 color corrector; full TBC line including FA-800 Autocor frame synchronizer with direct TBC; CE-10 character effects unit with VTW-220 CG.*Booth Personnel:* D. Acker, T. Jacoby, R. Morioka, M. Komiya.**Forecast Installations, Inc.****51 Chasner St., Hempstead, NY 11550***Booth: 1355**Product Description:* Video consoles and cabinets.*Booth Personnel:* W. Haberman, J. Hann, J. Haberman, L. O'Conner, F. LaPallo, R. Lonigro, A. Carmino.**Fortel Inc.****2985 Gateway Dr., Norcross, GA 30071***Booth: 130**Product Description:* Complete line of signal processors including Turbo 2 TBC, DHP 525 TBC, CC-1 color corrector, and TBC32 1-in. TBC.*Booth Personnel:* D. Keeler, G. Elsacser, J. Duffy, T. Stockhaus, S. Young, V. Lowel.**Fostex Corp. of America****15431 Blackburn Ave., Norwalk CA 90650***Booth: 465**Product Description:* Recorders, audio editing systems, video-to-audio synchronization, stereo microphones, monitor speakers, and mixer.*Booth Personnel:* M. Cohen, F. Huang, N. Neutra, M. Fortier, R. Quatermass.**Frezzolini Electronics Inc.****7 Valley St., Hawthorne, NJ 07506***Booth: 1043**Product Description:* Complete line of premium-grade Frezzi® Super Premium No-Memory professional rechargeable NiCd battery packs; Frezzi stay-powered UPS-14 uninterruptible on-board power supply; Frezzi mini-fill lighting kits.**1044***Booth Personnel:* J. Crawford, J. Frezzolini, J. Zink, J. Crawford, F. Loscalzo, J. Frezzolini, L. Frezzolini, M. Frezzolini.**Fries Engineering, Inc.****12032 Vose St., No. Hollywood, CA 91605***Booth: 175**Product Description:* 35R3 reflex cameras and motors, S35R Mark II video/orientable viewfinder door and motor, ARRI 3 video/orientable viewfinder door.*Booth Personnel:* M. Sigrist, J. Lacey, D. Fries.**Fujinon, Inc.****672 White Plains Rd., Scarsdale, NY 10583***Booth: 534**Product Description:* Full line of broadcast-quality lenses for broadcast cameras.*Booth Personnel:* J. Dawson, D. Waddell, J. Newton, B. Wallace, J. Casteneda, R. Moraboto, J. Kodaira, Mr. Watanabe, Mr. Higuchi.**Fuji Photo Film U.S.A., Inc.****555 Taxter Rd., Elmsford, NY 10523***Booth: 312**Product Description:* 1-in. videotape; 3/4-in. U-Matic videocassettes; 1/2-in. Super XG and Super HG videocassettes.*Booth Personnel:* S. Bauer, B. Friedrich, B. Kuczik, G. Brill, T. Daly, J. Hegadorn, K. Kurokawa, K. Kajikawa.**General Electric Co., Lighting Business Group****Nela Park, Cleveland, OH 44112***Booth: 1139**Product Description:* Lamps for stage and studio lighting.*Booth Personnel:* C. Clark, E. Trout, D. Blaess, B. Whitmore, P. Rose, D. Somerfeldt.**G&M Power Products Inc.****943 N. Orange Dr., Los Angeles, CA 90038***Booth: 1329**Product Description:* Rechargeable NiCd battery belts, packs, and superblocks; chargers and monitors.*Booth Personnel:* G. Meisel, G. Ben-Akiva, A. Yaron.**Alan Gordon Enterprises Inc.****1430 Cahuenga Blvd., Hollywood, CA 90028***Booth: 920**Product Description:* EOS/FAX video animation controller system; FAX Sr. animation stand with Lynx robomation computerized motion control; FAX Jr. stand, animation accessories.

Booth Personnel: G. Loucks, D. Sahlein, B. Kuhagen, T. Lane, T. Malone.



Graham-Patten Systems, Inc.
P.O. Box 1960, Grass Valley, CA 95945

Booth: 746

Product Description: Television post-production equipment including edit suite audio mixers, downstream keyers, audio and video distribution equipment.

Booth Personnel: M. Graham, M. Patten, B. Rorden, J. Ward, T. Prouty, L. Lewis, K. Bradford, R. Lawson, T. Vick, M. Bevit.



Grass Valley Group, Inc.
P.O. Box 1114, Grass Valley, CA 95945

Booth: 628

Product Description: Models 300, 1680, and 100 production switchers; Kaleidoscope DPM-1 digital effects; Horizon, TEN-X routing switchers; 4S/M200 master control automation; 9500, 3240 signal timing; 8500, EZ Link, Wavelink distribution.

Booth Personnel: C. Ostrom.

The Great American Market
826 N. Cole Ave., Hollywood, CA 90038

Booth: 1270

Product Description: Camralight, Stikup, Blackwrap, Chart-a-Beam, Patterns, Colormax, Fog Power.

Booth Personnel: J. Tawil, M. Bissada.

James Grunder & Associates, Inc.
5925 Beverly, Mission, KS 66202

Booth: 1132

Product Description: Single, dual, and multiple-channel digital effects systems; low-cost standards converters; high-resolution quad-standard color monitors; video signal test equipment.

Booth Personnel: J. Grunder, N. Nichols, J. Bendure.



Harris Corp., Broadcast Div.
P.O. Box 4290, Quincy, IL 62305

Booth: 844

Product Description: Digital time-base correctors and synchronizers; computer-assisted video editing systems; video still-store systems; portable microwave; multi-channel ENG receivers; and microwave for STL.

Booth Personnel: R. Frillman, F. Blaha, K. Regnier, C. Fields, E. Gagnon.

Harris Sound, Inc.
6640 Sunset, Ste. 110, Hollywood, CA 90028

Booth: 544

Product Description: AMS Audiofile, hard disk digital audio recorder/editor; AMS digital processors; pitch-changer and sampler; reverb; time compressor.

SMPTE Journal, October 1986

Booth Personnel: H. Harris, D. Baldwin, S. Nevison, J. Bancroft, C. Harris, B. Burton, Mr. Splad.



Harrison Systems, Inc.
P.O. Box 22964, Nashville, TN 37202

Booth: 556

Product Description: Series 10 totally automated audio production and post-production console, TV-4 stereo television production console, PRO-7 stereo post-production console.

Booth Personnel: C. Hill, D. Purple, B. Harrison, M. Burns.



HEDCO
P.O. Box 1985, Grass Valley, CA 95945

Booth: 463

Product Description: Component video DA, stereo audio DA, audio and video routing switchers, general-purpose serial switching controllers, video activated switch; sine-square audio signal generator.

Booth Personnel: P. Hughes, R. Shelton, D. Swartzendruber.

Karl Heitz, Inc.
34-11 62nd St., Woodside, NY 11377

Booth: 874

Product Description: Gitzo video/cine and photo tripods, leveling balls with headlock, 100% fluid and counterbalanced heads, dollies, monopods, microphone fishpoles, light stands, KIWI video bags, Fisso 3-D arms, Rainbow backgrounds.

Booth Personnel: K. Heitz, D. Thomason, C. Salmon, S. Dellamula, D. Martucci, M. Porcher, E. Leonardi, D. Clark, A. Hlampeas.



Hitachi Denshi America, Ltd.
175 Crossways Pk. W, Woodbury, NY 11797

Booth: 1008

Product Description: Full line of Computacam auto setup cameras including Z-31, SK-97, and SK-970; HR-230 1-in. Type-C VTR.

Booth Personnel: B. Munzelle, J. Breitenbucher, R. Russin, F. Scott, T. Delp.

HM Electronics, Inc.
9675 Business Park Ave., San Diego, CA 92131

Booth: 437

Product Description: Complete line of wireless microphone, wireless intercom, and cabled intercom systems.

Booth Personnel: T. Sills, R. Opela, M. Hughes.

Hollytronics, Inc.
630 Venice Blvd., Marina Del Rey, CA 90291

Booth: 119

Product Description: Electronic Sound Editing Aid, designed for

the film industry, featuring sound effects, electronic wipes, transfers, 6-channel mixer, insertion of digital sound effects.

Booth Personnel: D. Caballero, J. Goldsmith, L. Simone, J. Combs.



Hollywood Film Co.

3294 E. 26th St., Los Angeles, CA 90023

Booth: 330

Product Description: HFC/Hazeltine color analyzer; proofing printer; Unicolor splicer; HTC Mini Analyzer; panel printers.

Booth Personnel: H. Teitelbaum, M. Levine.

Hotronic, Inc.

1210 S. Bascom Ave., #128, San Jose, CA 95128

Booth: 1214

Product Description: Digital time-base corrector and TBC/frame synchronizer with freeze frame/field and optional SMPTE color bar, pixel-by-pixel dropout compensator.

Booth Personnel: A. Ho, L. Lo, K. Ou, B. Pang.

ICM Video

701 W. Sheridan, Oklahoma City, OK 73126

Booth: 932

Product Description: Video enhancer/processors, audio and video distribution amplifiers, character generators, video/audio routing switchers; all available in NTSC version, many in PAL.

Booth Personnel: M. Janko, J. Dahlquist, M. McAndrew, S. Janko, D. Broberg, J. Miller, C. Miller, C. Prada, R. Vaughn.



Ikegami Electronics (U.S.A.) Inc.

37 Brook Ave., Maywood, NJ 07607

Booth: 956

Product Description: Full line of portable, studio, and HDTV cameras including HL-95 with Beta and MII recorders; HL-79, HK-322, and HK-323 studio and field cameras; high-resolution color and black-and-white monitors.

Booth Personnel: N. Nishi, S. LaConte, Y. Sato, H. Caplan, H. Winch, B. Estony, J. Chow, B. Schindler, J. Lynch, T. Calabro, M. Adams, J. Webb.

ILC Technology, Inc.

399 Java Dr., Sunnyvale, CA 94089

Booth: 1142

Product Description: Complete line of Daymax® (HMI) metal halide gas discharge lamps, ranging from 200 to 12,000 W including new PAR 64 and single-ended lamps.

Booth Personnel: J. Harp, L. Reiter, R. Shaffner.



Image Video Ltd.

705 Progress Ave., Scarborough, Ont., Can. M1H 2X1

Booth: 103

1046

Product Description: 8200 series automated master control switcher, 9600 series high-density video routing switcher, RGB/component routing switchers.

Booth Personnel: B. Mitchell, J. Gerkes, M. Porteous, B. Crowder.



Innovative Television Equipment

6446 DeSoto Ave., Woodland Hills, CA 91367

Booth: 864

Product Description: State-of-the-art camera support equipment, fluid heads, pneumatic pedestals, tripods, studio cam heads.

Booth Personnel: M. Rosenberg, B. Rosenberg, S. Hollingsworth, R. Low.

Integrated Technologies, Inc.

3716 Alliance Dr., Greensboro, NC 27410

Booth: 668

Product Description: Computer graphics systems for news, weather, animation/3-D rendering, video production, and other broadcast operations; Image-Maker graphic system, 3-D animation tandem operation-master workstation.

Booth Personnel: B. Withcrow, M. Gold, B. McAll, A. Watts, G. Peters, G. Young, J. Blount, J. Hanf, J. Teschner.

Interactive Motion Control

8671 Hayden Pl., Culver City, CA 90232

Booth: 508

Product Description: IMC video animation stand, IMC camera lifter, IMC 3565 motion-control computer, IMC slide image system.

Booth Personnel: B. Bryan, B. Talbert, E. Rathbun, C. Portillo, B. Rathbun, B. LeCuyer, P. Van.



Intergroup Video Systems

2040 NW 67th Pl., Gainesville, FL 32606

Booth: 1038

Product Description: Video production switchers for live studio and post-production editing; master control, routing, and switcher options.

Booth Personnel: G. Smith, D. Akers, B. Cooper, R. Majors, K. Kelly.

The International Film and Television Workshops

2 Central St., Rockport, ME 04856

Booth: 111

Product Description: Career advancement programs for film and video professionals.

Booth Personnel: D. Lyman, S. Welsh, J. Stanyon.

J-K Camera Engineering, Inc.

5101 San Leandro St., Oakland, CA 94601

Booth: 1137

Product Description: Bolex motion-picture cameras; J-K Cam-

era Engineering ANICAM stop-motion process camera, camera motors, and motor controls.

Booth Personnel: J. Vasata, J. Valgoi, P. Valgoi, I. Valgoi, J. Kurhi, P. Kurhi, A. Kurhi.

The J-Lab Co.

Box 6530, Malibu, CA 90264

Booth: 541

Product Description: Camera transcoders (five types), stand-alone transcoder, Beta playback modification, camera-mounted safe-action/safe-title generator.

Booth Personnel: J. LaBarbera, A. Lemiesz, B. Zahn, S. Ward, H. Ward.



J&R Film Co./Magnasync Moviola

6820 Romaine St., Hollywood, CA 90038

Booth: 900

Booth Personnel: R. Powell, J. Reid, J. Paskal, J. Szwiec, B. Herman, K. Reynolds.



JVC Co. of America

41 Slater Dr., Elmwood Park, NJ 07407

Booth: 164

Product Description: Three-tube color cameras, $\frac{3}{4}$ and $\frac{1}{2}$ -in. videocassette recorders/players, color monitors, editors, and related accessories.

Booth Personnel: M. Messerla, D. Roberts, J. Martinez, S. Martin.



KEM Elecktronik Mechanik GmbH

Herlingsburg 16, Hamburg, F.R. Germany D-2000

Booth: 1266

Product Description: Film and sound tables with scanner; special electronic equipment (taker and interlock system).

Booth Personnel: P. Deutsch, G. Kluge.

K&H Products Ltd./Porta-Brace

Box 246, North Bennington, VT 05257

Booth: 537

Product Description: Nylon cases for videotape recorders and cameras; general-purpose cases for field film and video crews.

Booth Personnel: R. Howe, K. Barry, M. Robertson.

Kintek, Inc.

224 Calvary St., Waltham, MA 02154

Booth: 171

Product Description: KT-903 mono-stereo converter, Monogard KT-960 polarity corrector, KT-932 audio phase meter.

Booth Personnel: J. Bubbers, Z. Abdun-Nabi, D. Taylor, J. Townsend, R. Allis.

SMPTE Journal, October 1986

Lake Systems Corp.

55 Chapel St., Newton, MA 02160

Booth: 1204

Product Description: La-Kart II multi-channel videocassette automation system offering random access of material on up to 28 tape transports.

Booth Personnel: W. Kelley, S. Marino, T. Barnum, F. Kovary.



Laumic Co., Inc.

306 E. 39th St., New York, NY 10016

Booth: 607

Product Description: CMX video editing system consisting of CMX edit controller, Barco monitors, and Sony Betacam, 1-in. video recorders.

Booth Personnel: S. Mann, A. Scott, W. Kradelman.



Leitch Video of America, Inc.

825 K Greenbrier Cir., Chesapeake, VA 23320

Booth: 220

Product Description: Frame synchronizer, PAL and NTSC sync pulse generators, video processing, video-audio distribution, test generators, SC/H monitors, switcher and master clock systems.

Booth Personnel: B. Lehtonen, J. Walter, B. Henson, S. Moote, P. Jenkins, G. Stephens, D. Jackson, P. Milazzo, D. Wilcox, G. Newhook, D. Strachan.



Lenco, Inc., Electronics Div.

300 N. Maryland St., Jackson, MO 63755

Booth: 938

Product Description: Master sync generators; video, pulse, and audio distribution equipment; RGB encoders and decoders; monochrome monitors, monitor power amplifier, videoscope.

Booth Personnel: R. Burks, D. Ford, B. Blair, B. Bergfeld.



Lexicon Inc.

60 Turner St., Waltham, MA 02154

Booth: 156, 159

Product Description: Random-access audio recording, editing, and mixing system; Lexicon 2400 stereo audio time compressor/expander; Lexicon 480L digital effects system.

Booth Personnel: W. Eggleston, L. Korthals, J. Silverman, L. Rich, V. Casale, B. Zolner.

Listec Video Corp.

205 Oser Ave., Hauppauge, NY 11787

Booth: 547

Product Description: Listec prompting equipment, Listec status

display monitors, Acron encoders and sync generators, Polar video switchers and safe-area generators.

Booth Personnel: J. Littler, R. Blumenthal, D. Goillon, P. Row-sell, J. Lucas, P. DiBona.



Lowel-Light Mfg., Inc.

475 Tenth Ave., New York, NY 10018

Booth: 513

Product Description: Location lighting equipment for profes-sional film, video, and still photography.

Booth Personnel: R. Lowell, M. Seligman, A. Carter, R. Low, D. Tearle, T. Pearl.



LTM Corp. of America

1160 N. Las Palmas Ave., Hollywood, CA 90038

Booth: 564

Product Description: 12K HMIs, Mark III HMIs, Cine PARs, Pepper products line (lights and dimmers), fiber-optic systems, microphone poles, HMI video packages, studio lights, produc-tion services (Florida, Europe).

Booth Personnel: G. Galerne, H. Breitling, R. Halle, J. Banner, B. Frein, D. Roerbacker, L. Maurel, R. Wolffe, B. Gillett, C. Crevet, J. Galerne, B. Sherry.

M/A-COM MAC, Inc.

5 Omni Way, Chelmsford, MA 01824

Booth: 876

Product Description: Microwave radio equipment and antenna systems.

Booth Personnel: M. Martin.



Magna-Tech Electronic Co., Inc.

630 Ninth Ave., New York, NY 10036

Booth: 503

Booth Personnel: R. Eberenz, F. Kur, E. Aguilar, B. Legreid, D. Rodriguez, R. Chin.

Magni Systems, Inc.

9500 S.W. Gemini Dr., Beaverton, OR 97005

Booth: 336

Product Description: Video measurement equipment, waveform monitors, vectorscopes, test-signal generators.

Booth Personnel: C. Barrows, V. Kong, D. Jurgenson.

Martin Audio Video Corp.

423 W. 55th St., New York, NY 10019

Booth: 135

Product Description: Complete range of broadcast, recording, and music production equipment and software including sales, rentals, parts, design, and installation.

Booth Personnel: M. Bogen, F. Ridder, S. Allyn, D. Bellino, T. Finnegan, B. Quinones, T. Lanik, T. Weiner, D. Prentice.



Matthews Studio Equipment, Inc.

2405 Empire Ave., Burbank, CA 91504

Booth: 1064

Product Description: Camera support, dollies, mounting and grip equipment, and a full line of stands and car mounts.

Booth Personnel: E. Phillips, C. DeMattos, R. Hansen, F. Far-ish, T. Nunziata.



Merlin Engineering Works, Inc.

2440 Embarcadero Way, Palo Alto, CA 94303

Booth: 400

Product Description: Digital television standards converter; dig-ital stereo audio encoder; custom VTRs; VTR controller.

Booth Personnel: J. Streets, K. Eichstadt, B. Rees, D. Dusel, C. Riley, D. Vincent.



Micron Audio Products, Ltd.

210 Westlake Dr., Valhalla, NY 10595

Booth: 117

Product Description: Complete line of Micron wireless micro-phone systems for ENG, film, television, and theater applica-tions.

Booth Personnel: P. Tepper, L. Tepper, J. Wykes.



Microtime, Inc.

1280 Blue Hills Ave., Bloomfield, CT 06002

Booth: 144

Product Description: Video processing equipment, including digital effects systems, Genesis 1/Act 1; T-320D, T-320, and T-300 time-base correctors; T-220 component time-base correc-tors; S-230 and S-230D synchronizers.

Booth Personnel: D. Sofie, R. Bouchard, J. Rankin, D. Everett, S. Krant, C. Bocan, J. Kissel, D. Brown, C. Smith, L. Cook, R. Wickland.



Midwest Communications Corp.

One Sperti Dr., Edgewood, KY 41017

Booth: 110

Product Description: Satellite news vehicles and systems de-signs.

Booth Personnel: J. Adrick, J. Loughmiller, P. Rightmire, D. Thomas, J. Willingham, M. Perry, C. Summey.

L. Matthew Miller Associates Ltd.
48 W. 21st St., New York, NY 10010

Booth: 512

Product Description: Conrac, Convergence, Fortel (CC-1, turbo), Microtime (Act I), JVC Procam, Leitch, etc.

Booth Personnel: B. Palmer, J. Pabst, J. Rosen, J. Lippin, H. Levine, M. Hendrickson, J. Lasoff, L. Miller, J. Miller, P. Oliver.



Miller Fluid Heads (USA) Inc.
2819 W. Olive Ave., Burbank CA 91505

Booth: 867

Product Description: Professional camera support products including Miller fluid heads, tripods, special application mounts, and dollies.

Booth Personnel: G. Clementson.



Mitchell Camera Corp.
11630 Tuxford St., Sun Valley, Ca 91352

Booth: 155

Product Description: Mitchell 35mm S35B motion-picture cameras, geared heads; bazooka, mini wedge, magazines.



Mitsubishi Pro Audio Group
225 Parkside Dr., San Fernando, CA 91340

Booth: 244

Product Description: Mitsubishi X-850, X-400, and X-86 digital audio tape recorders; Quad Eight 8300 film rerecording console; Westrex ST-6000, ST-12000, 9235 film recorders; digital master motion controller.

Booth Personnel: T. Nordahl, C. Fischer, B. Windsor, F. Pontius, S. Walker, R. Moss.

Modulation Sciences, Inc.
115 Myrtle Ave., Brooklyn, NY 11201

Booth: 1208

Product Description: TV stereo generator, SAP and PRO generators; TV stereo reference decoder; composite audio line driver/distribution amplifiers.

Booth Personnel: R. Schumeyer, E. Small, A. Perkins, J. Chester, L. Baldo.



Mole-Richardson Co.
937 N. Sycamore Ave., Hollywood, CA 90038-2384

Booth: 348

Product Description: New ac-dc solid-state flicker-free HMI ballast; new 200-W Tiny Mole; HMI fresnel 200 to 12,000-W Molequartz Solarspots; grip equipment, hangers.

Booth Personnel: H. Bell, L. Parker, M. Parker.

SMPTE Journal, October 1986



Motion Picture Enterprises, Inc.
Tarrytown, NY 10591

Booth: 1140

Booth Personnel: N. Pilzer, R. Madonna, H. Hirsch, J. Kromer.

Motorola C&E Inc.
85 Harristown Rd., Glen Rock, NJ 07425

Booth: 1241

Product Description: Remote pickup broadcast and studio/field radio communications and cueing systems, radio paging systems, base station, mobile and portable equipment, CCTV communications systems for broadcasters and motion-picture production special applications.

Booth Personnel: H. Ziskroft, J. Barbanell, B. Carn, D. Woolf, J. Kirk, P. Morash, J. Lapidus, D. Ameen, K. White, M. Wiskoff, G. Hall, B. Fleissner.



Multi-Track Magnetics, Inc.
3 Industrial Ave., Upper Saddle River, NJ 07458

Booth: 1301

Booth Personnel: G. Zazzali, G. Neyer.

Mycro-Tek
9229 E. 37th St. N, Wichita, KS 67226

Booth: 127

Product Description: SupraStar line of character generators with single and dual-channel capabilities.

Booth Personnel: L. Spitzer, T. Hurley.



Nagra Magnetic Recorders, Inc.
19 W. 44th St., R. 715, New York, NY 10036

Booth: 1032

Product Description: Portable audio tape recorders with time code; post-production audio tape recorders, center stripped time code, built-in synchronizer, and RS422 port.

Booth Personnel: N. Morris, M. Klemme, D. Natto, P. Chan, D. Grimes, M. Groos, C. Cellier.

NCE/Ultrascopes Inc.
2025 N.E. 151st St., No. Miami Beach, FL 33162

Booth: 1246

Product Description: 65/70mm cameras, accessories, editing equipment; custom lens mounting; cradle gear head, camera wedges, power supplies; custom manufacturing, motion-picture research and development.

Booth Personnel: B. Frindel, E. Harwood, R. Storer.



NEC America, Inc., Broadcast Equipment Div.
1255 Michael Dr., Wood Dale, IL 60191

Booth: 914

Product Description: Digital video effects, CCD cameras, and related video equipment.

Booth Personnel: H. Ono, M. Shimizu, R. Curwin, R. Dienhart, J. White, J. Engle, L. Litchfield.

L.E. Nelson Sales Corp./Thorn-EMI
5451 Ukiah Cir., Las Vegas, NV 89118

Booth: 1220

Product Description: Studio, location, and theater lamps.

Booth Personnel: L. Nelson, B. Nelson, D. Imfeld, H. Tilley.



Neumade Products Corp.
720 White Plains Rd., Scarsdale, NY 10583

Booth: 1262

Product Description: Film-handling and editing equipment, storage for all AV software, film cleaners, and Neutaper film splicers.

Booth Personnel: R. Jones, P. Cooper, M. Dineen, L. Smith, K. Mix, B. Pratt, M. Luce, C. Tisi.



Rupert Neve Inc.
Berkshire Industrial Park, Bethel, CT 06801

Booth: 172

Product Description: Complete line of audio production and post-production consoles for film, video, television production, and recording; NECAM 96 computer-based moving fader automation system; new V series multi-track production and post-production console, 8232 and NECAM 96.

Booth Personnel: B. Roche, A. Langley, G. Langdon, R. Kohler, G. Davis.

New England Digital
P.O. Box 546, White River Junction, VT 05001

Booth: 1210

Product Description: Synclavier digital audio system; Synclavier tapeless studio workstation, providing high-fidelity, multi-track digital recording, hard disk, sound design, and SMPTE editing.

Booth Personnel: M. Terry.



North American Philips Lighting Corp.
Bank St., Hightstown, NJ 08520

Booth: 1028

Product Description: Complete line of stage and studio lamp products.

Booth Personnel: T. Krsyzckowski, A. Vrancart, R. Scott, D. Priscandaro, R. Watt.

Nova Systems, Inc.
20 Tower Ln., Avon, CT 06001

Booth: 1164

1050

Product Description: Nova 620 full-frame time-base corrector; Nova 511 heterodyne/direct TBC; Nova 501 direct TBC.

Booth Personnel: S. Kreinik, W. Deegan, A. Miller, P. Ford, Jr., A. St. Marie, J. Middleton, III, N. Arcano, Jr.



NovoMagnetics, Inc.
12627 Foothill Blvd., Sylmar, CA 91342

Booth: 527

Product Description: High-performance sound-recording magnetic film in 16, 17.5, 35mm formats; stripe and full-coat versions on polyester or triacetate base; proprietary oxide formulation.

Booth Personnel: L. Rosenblum, J. Frankel, D. Goldman.



Nurad, Inc.
2165 Druid Park Dr., Baltimore, MD 21211

Booth: 1278

Product Description: Microwave equipment for ENG/EJ applications, including: central receive systems, remote transmit systems, airborne systems aided by Loran C, STL/ICR systems, and Ku-band antenna.

Booth Personnel: G. Becknell, D. Fairley, F. Hock, R. Merritt, E. McCulley, S. Neuberth.



O'Connor Engineering Lab, Inc.
100 Kalmus Dr., Costa Mesa, CA 92626

Booth: 1156

Product Description: Complete line of O'Connor support systems for film and video cameras.

Booth Personnel: C. O'Connor, B. Frenzing, K. Nelson, M. Thompson, W. Krattenmaker.



Odetics, Inc.
1515 S. Manchester Ave., Anaheim, CA 92802

Booth: 1166

Product Description: Broadcast television cart machines.

Booth Personnel: T. Crabtree, P. McFadin, G. Morse, N. Heller, D. Kelley, J. McCammon, C. Lindquist, B. Keegan, J. Nickels, B. Boyd, D. Lewis.

Optical Disc Corp.
17517 H Fabrilca Way, Cerritos, CA 90701

Booth: 942

Product Description: ODC 610A videodisc recording system and related equipment.

Booth Personnel: D. Hayes, J. Browne, R. Wilkinson.



OSRAM Corp.
Jeanne Dr., Newburgh, NY 12550

Booth: 1333

Product Description: Full line of photographic lamps; full line of HMI and HTI lamps.

Booth Personnel: P. Caramagna, P. Frederick, G. Newman.

Otari Corp.
2 Davis Dr., Belmont, CA 94002

Booth: 568

Product Description: Professional audio open-reel 1 to 24-track recorder/reproducers, featuring PD-format DTR-900 1-in. 32-channel digital recorder, MX-80 2-in. 32-channel analog recorder, EC-400 series resolvers, EC-101 synchronizer; EC-201 hand-held time-code reader.

Booth Personnel: J. Carey, D. Roudebush, S. Hill, J. Phillips, W. West, E. Handke, J. Goodman, B. Ford.



Oxberry Corp.
180 Broad St., Carlstadt, NJ 07072

Booth: 940

Product Description: Computerized animation and effects cameras for off-loading computer graphic systems; four pin-registered, bulk-loading cameras to record high-resolution film images from Matrix, Celco, Genigraphic, and Dunn recorders.

Booth Personnel: M. Ackerman, D. Alfred, I. Thumim, J. Anschansley, S. Hallett.

Paco Electronics U.S.A. Inc.
714 W. Olympic Blvd., #706, Los Angeles, CA 90015

Booth: 480

Product Description: NiCd battery packs, fast chargers, battery dememorizer.

Booth Personnel: T. Wakabayashi.

PAG America, Ltd.
1270 Hendersonville Rd., Asheville, NC 28813

Booth: 1256

Product Description: New PAG-Lok camera/battery connector system; microprocessor-controlled battery chargers that accept any ENG Ni-Cd batteries; ENG batteries, belts, portable lights; Nitecam night-shooting video camera; new miniature CCD color video camera.

Booth Personnel: B. McClain, R. Greeley, N. Gardiner, A. Dor.



Paltex
2752 Walnut Ave., Tustin, CA 92680

Booth: 264

Product Description: Edit-Star, Esprit Plus videotape editor controllers.

Booth Personnel: J. Cirincione, T. Belford, R. Bailey, J. Wagner, S. Dunford, D. Rollins, D. Hair.

SMPTE Journal, October 1986



Panasonic Industrial Co., Broadcast Div.
One Panasonic Way, Secaucus, NJ 07094

Booth: 500; 506

Booth Personnel: S. Yuhas, T. Nagai, H. Schkolnick, M. Washington, E. Matthews, J. McGinnis, J. Andersen, J. Rollinson.

Peerless Sales Co.
1950 Hawthorne Ave., Melrose Park, IL 60160

Booth: 131

Product Description: Accessory products for the TV/AV/VCR/CCTV marketplace, including security hardware, stands, mounts, carts, and brackets.

Booth Personnel: W. Griffing, W. Snodell, M. Griffing, S. Marks, F. Culotta, B. Forster, S. Somers, E. Manzo, R. Snodell, K. McDonald.



Perrott Engineering Labs. Inc.
7201 Lee Hwy., Falls Church, VA 22046

Booth: 328

Product Description: Ni-Cd, silver zinc, lead acid systems for ENG/EFP in clip-on or belt styles; single, multiple, fast, and overnight mini-chargers for Ni-Cd and silver zinc packs.

Booth Personnel: B. Aylor, E. Bowers, B. Clutter, H. Glass, B. Mallon, D. Sheer, J. Stead, V. Tygesen.



Peterson Enterprises, Inc.
1840 Pickwick Ave., Glenview, IL 60025

Booth: 580

Product Description: Video immersion wetgates, film printers, film cleaners, silver recovery, electronic light valve systems, electronic readers, computer systems for production and machine control.

Booth Personnel: C. Thomas, E. Bednarz, W. Pfeifer.



Philips Television Systems, Inc.
(See BTS Broadcast Television Systems)
900 Corporate Dr., Mahwah, NJ 07430

Booth: 1000

Product Description: LDK-6A, LDK-26A automatic cameras; LDK-54A triax portable companion; LDK-54 camera/recorder; LDK-7020 high-resolution color monitor; LDH-6220 and LDH-6200 color monitors; sync pulse generator.

Photo Micro Systems Ltd.
Robert House, Station Rd., Chinnor, Oxon OX9 4PU, England

Booth: 406

Product Description: Computer systems for motion-picture film laboratories.

**“If you’re crazy
transfer tape
you’d better be
to use the**



“My company has built its reputation by doing something few people in this business even thought possible. We shoot and edit on tape and then transfer to film. Film is unforgiving when it comes to picking up imperfections in tape. So the tape itself has to be perfect.

**enough to
to film,
sane enough
right tape.”**

—David Griffin, CEO, Rock Solid Productions
talks about Fuji Betacam videocassettes.

“That’s why, for the past three years, we’ve used nothing but Fuji Betacam videocassettes. In fact, we’ve used Fuji exclusively since we’ve been in business. Because in all that time, we’ve never had to apologize for the quality of a film to an unforgiving client.”

 **FUJI** PROFESSIONAL
VIDEOTAPE

Pinnacle Systems, Inc.

796 Ponderosa Ave., Sunnyvale, CA 94086

Booth: 1238

Product Description: Video manipulation and effects system.

Booth Personnel: A. Chopra, M. Jiricka, R. Moore.

Pinzone Communications Products, Inc.

14850 Cross Creek Rd., Newbury, OH 44065

Booth: 440

Product Description: VIMCAS vertical-interval multi-channel audio, satellite system, Ku- and C-band.

Booth Personnel: J. Meycr, B. Pinzone, D. Ogilvie.



Plastic Reel Corp. of America

Brisbin Ave., Lyndhurst, NJ 07071

Booth: 147

Product Description: Videocassette storage and shipping boxes, 1 and 2-in. video spot reels, 16 and 35mm reels, cans, and cases, editorial supplies and equipment.

Booth Personnel: V. Carabello, P. Baccarella, B. Cohen, D. Garrison.

Pro Battery Co., Inc.

3941 Oakcliff Industrial Ct., Atlanta, GA 30340

Booth: 880

Product Description: Batteries, chargers, and lighting equipment for all ENF/EFP applications.

Booth Personnel: K. Barry, E. Sherry, D. Edwards.



Quanta Corp.

2440 S. Progress Dr., Salt Lake City, UT 84119

Booth: 967

Product Description: 3-D modeling system and graphic paint system.

Booth Personnel: B. Park, P. Glassberg, R. Davis, D. Gherynshov, G. Faison.



Quantel

655 Washington Blvd., Ste. 602, Stamford, CT 06901

Booth: 676

Product Description: Quantel digital production system comprising: Harry, Paintbox, and Encore, digitally interlinked using the SMPTE 4:2:2 standard; and Cypher ultimate caption illusion.

Booth Personnel: H. Shephard, H. Boyd, D. Dever, G. Grasso, K. Prince, L. Biehl, P. Fletcher, J. Haigney, R. Varda, D. Schwartz.

Q-TV

104 E. 25th St., New York, NY 10010

Booth: 115

1054

Product Description: VideoPrompter and ComputerPrompter cueing equipment; VPS-500 ComputerPrompter; QCP Mark I IBM PC ComputerPrompter and VPS-100-300 Transport prompting systems.

Booth Personnel: G. Andros, J. Greenfield, D. Rodriguez, A. Eisenberg.



Rank Cintel

520 Stokes Rd., Medford, NJ 08055

Booth: 828

Product Description: Mk III C flying-spot telecine, ADS-1 CCD telecine, Amigo color corrector, Slide File digital still-store system, Art File computer graphics work station, Gallery 2000 digital still-store library system using digital optical discs.

Booth Personnel: C. Waldron, D. Fenton, J. Brittain, F. Bundesmann, N. Kempt, R. Mathys, Sr.



Rank Precision Industries, Inc.

260 N. Route 303, West Nyack, NY 10994

Booth: 1240

Product Description: Range of Rank, Taylor, Hobson, and Cooke zoom lenses for professional 35 and 16mm cinematography; Cooke Varotal, Cine Varotal, Cooke Varopanchro, Cooke Varokinetal.

Booth Personnel: K. Sadhvani, S. Campbell, D. Dettmann, B. Newman.



Research Technology International

4700 Chase Ave., Lincolnwood, IL 60646

Booth: 216

Product Description: TapeChek™ videotape evaluator/cleaner for 1, 1/2, and 3/4-in. formats; DV-5 dropout counter/time-code generator; RTI film editing/inspection machines; Lipsner-Smith CF-200 ultrasonic film cleaner.

Booth Personnel: T. Tisch, L. Beilin, R. Short, C. Morganti, S. Little, H. Bowen.

R.F. Technology, Inc.

145 Woodward Ave., South Norwalk, CT 06854

Booth: 1307

Product Description: Diversity 950-MHz wireless microphones; low-cost ultra-portable microwave; fixed link systems; power amplifiers; antenna systems.

Booth Personnel: P. Bradury, G. Jackson, C. Bobbins, C. Lay.

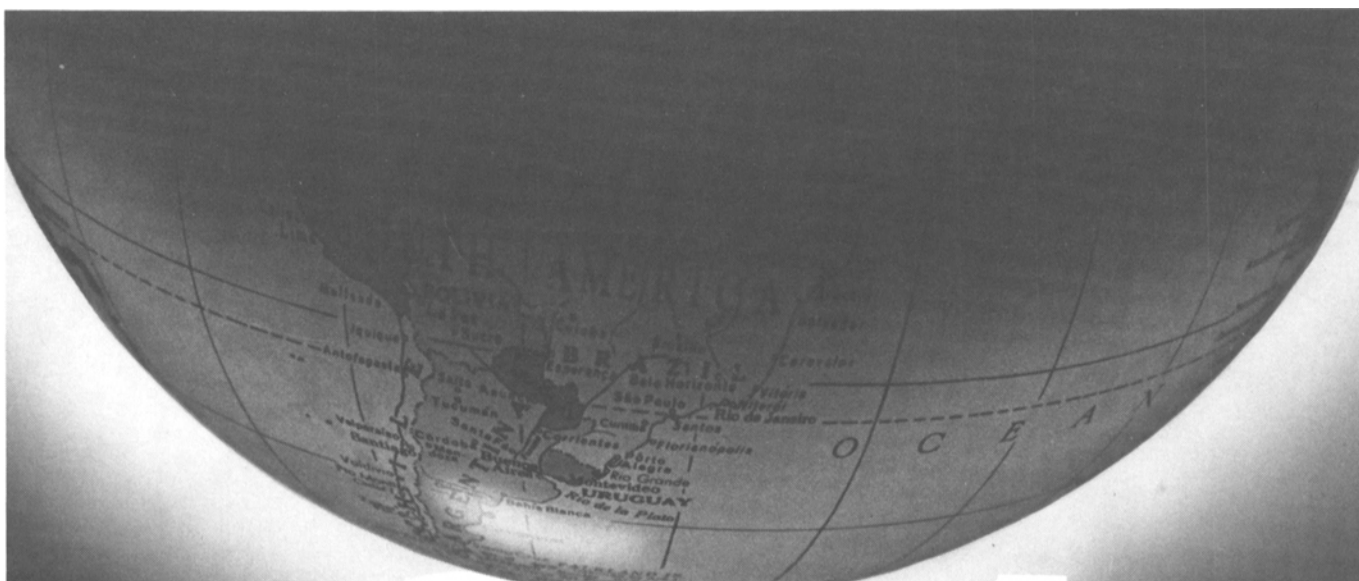


Riviera Broadcast Leasing

7400 Center Ave., Huntington Beach, CA 92647

Booth: 1264

Product Description: TK-76 camera, monitor, and recorder; full line of ENG and EFP products for lease or lease/purchase.



CM TV NEWS

Equipment support for the broadcast news industry. Worldwide.



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SONY

tacam?"

First we took out the tubes and put in CCDs. Then we trimmed the excess circuitry associated with tubes. The result is the new Sony BVW-105 CCD camcorder.

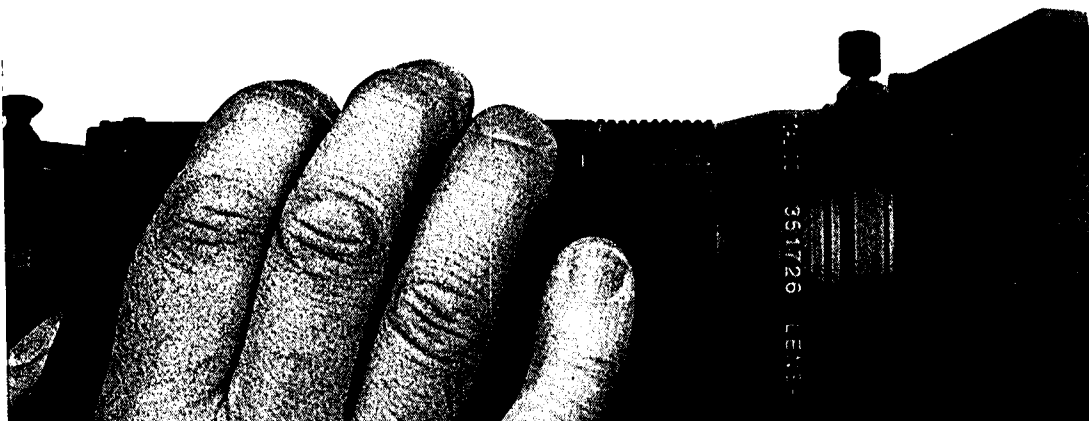
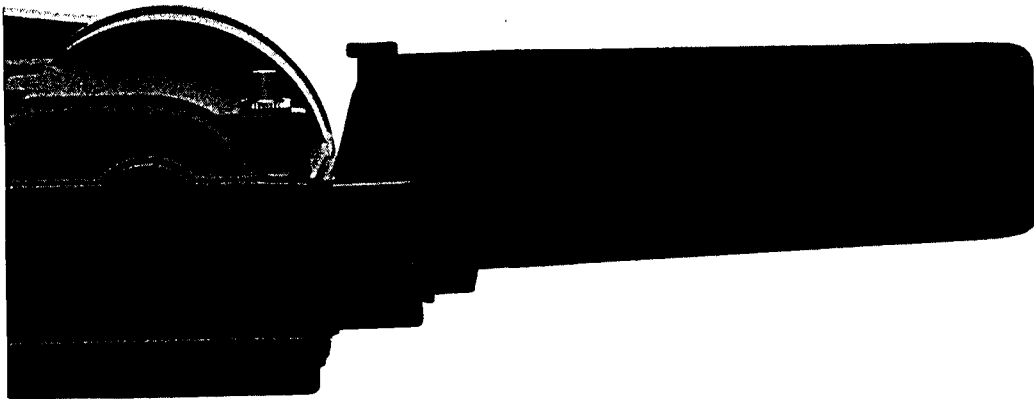
Compare it to its tube-type cousins and you'll find that it's 14% lighter, 22% smaller and eats less than half the power. 510 CCD elements per chip generate amazingly sharp resolution. Registration error holds rock-steady at a miniscule .05% throughout. Add the virtues of F5.6 sensitivity, instant startup, and high resistance to burn-in and physical shock and you have the ultimate lean machine for ENG.

Of course, the BVW-105 has other features you would expect from CCDs, such as no lag, no microphony and no-nonsense reliability. Plus one feature you wouldn't expect from such a sophisticated camcorder—a low price.

For more information, contact your Sony Broadcast representative. Or call Sony Broadcast at (201) 833-5231.



SONY
BROADCAST



Booth Personnel: R. Bernfeld, C. Allen, E. Johnson, S. Abourczk, D. Redmond.

Rohde & Schwarz-Polarad, Inc.
5 Delaware Dr., Lake Success, NY 11042

Booth: 444

Product Description: Video analyzer (UVF), audio analyzer (UPA), video noise meter (UPSF2), CATV analysis system, digital TV oscilloscope (ODF).

Booth Personnel: C. Porzky.



Rosco Laboratories
36 Bush Ave., Port Chester, NY 10573

Booth: 975

Booth Personnel: S. Miller, S. Schwartz, R. Dunham, J. Olcinick, M. Gottlieb, T. Daly, N. Bowman, R. Claman, J. Meyer, R. Rowlands, M. Nichenke, D. Glickman, G. Montero.

Ross Video Ltd.
500 John St., Iroquois, Ont., Canada K0E 1K0

Booth: 1345

Product Description: Video production switchers.

Booth Personnel: J. Millard, J. Ross, G. Allison, J. McQuigge, D. Ross.



RTS Systems, Inc.
1100 W. Chestnut St., Burbank, CA 91506

Booth: 928

Product Description: Professional intercommunications and audio products for broadcast and teleproduction use.

Booth Personnel: S. Harrison, D. Leighton, D. Richardson.



Sachtler Corp. of America
400 Oser Ave., Hauppauge, NY 11788

Booth: 946

Product Description: Complete line of Sachtler camera support equipment for video and film; new Hot Pod and Sachtler Combi dolly pedestal.

Booth Personnel: E. Falkenberg, K. Gunkel, L. Sechler, A. Froemel.

Schneider Corp. of America
400 Crossways Park Dr., Woodbury, NY 11797

Booth: 443

Product Description: Full line of Schneider television lenses, including lenses for ENG/EFP, studio, and OB applications; new 14X APO-Varon ENG/EFP lens, 17X studio lens, and 35X telezoom lens.

Booth Personnel: B. Jones, C. Marcin, D. Lindsay, J. Citrin, H. Stahl.

1058



Schwem Technology
3305 Vincent Rd., Pleasant Hill, CA 94523

Booth: 1037

Product Description: Gyrozoom 60/300 image stabilizing lens; fits most ENG/EFP cameras.

Booth Personnel: M. Salit, H. Johnson, C. Sylvester, K. Metruilas.



Scientific Atlanta, Digital Video Systems Div.
120 Middlefield Rd., Scarborough, Ont., Canada M1S 4M6

Booth: 402

Booth Personnel: J. Fazackerley, K. Lucas, P. Bohanna, B. Tsai, S. Lawrence.

Sennheiser Electronic Corp.
48 W. 38th St., New York, NY 10018

Booth: 840

Product Description: Microphones, headphones/headsets, RF and infrared wireless products, M8 mixing console.

Booth Personnel: A. Brakhan, T. Tuoisco, T. Cafiero.

Sescom, Inc.
2100 Ward Dr., Henderson, NV 89014

Booth: 161

Product Description: Audio interfacing products including audio transformers and modules, electronic products, and new Portables line of products.

Booth Personnel: F. Miller.

Sharp Electronics Corp., Broadcast Group
Sharp Plaza, Mahwah, NJ 07430

Booth: 740

Product Description: Broadcast and industrial 3-tube color camera systems, high-resolution rackmount color monitors, Professional series VCRs with VHS-HQ picture enhancement.

Booth Personnel: R. Colgan, B. McNeill, B. Garbutt, P. Gloeggler, R. Parker, G. Bridges, P. Insko, N. Kobu, B. Pollack.

Shure Brothers Inc.
222 Hartrey Ave., Evanston, IL 60202

Booth: 176

Product Description: Professional microphones and audio equipment for film production, video production, and broadcast.

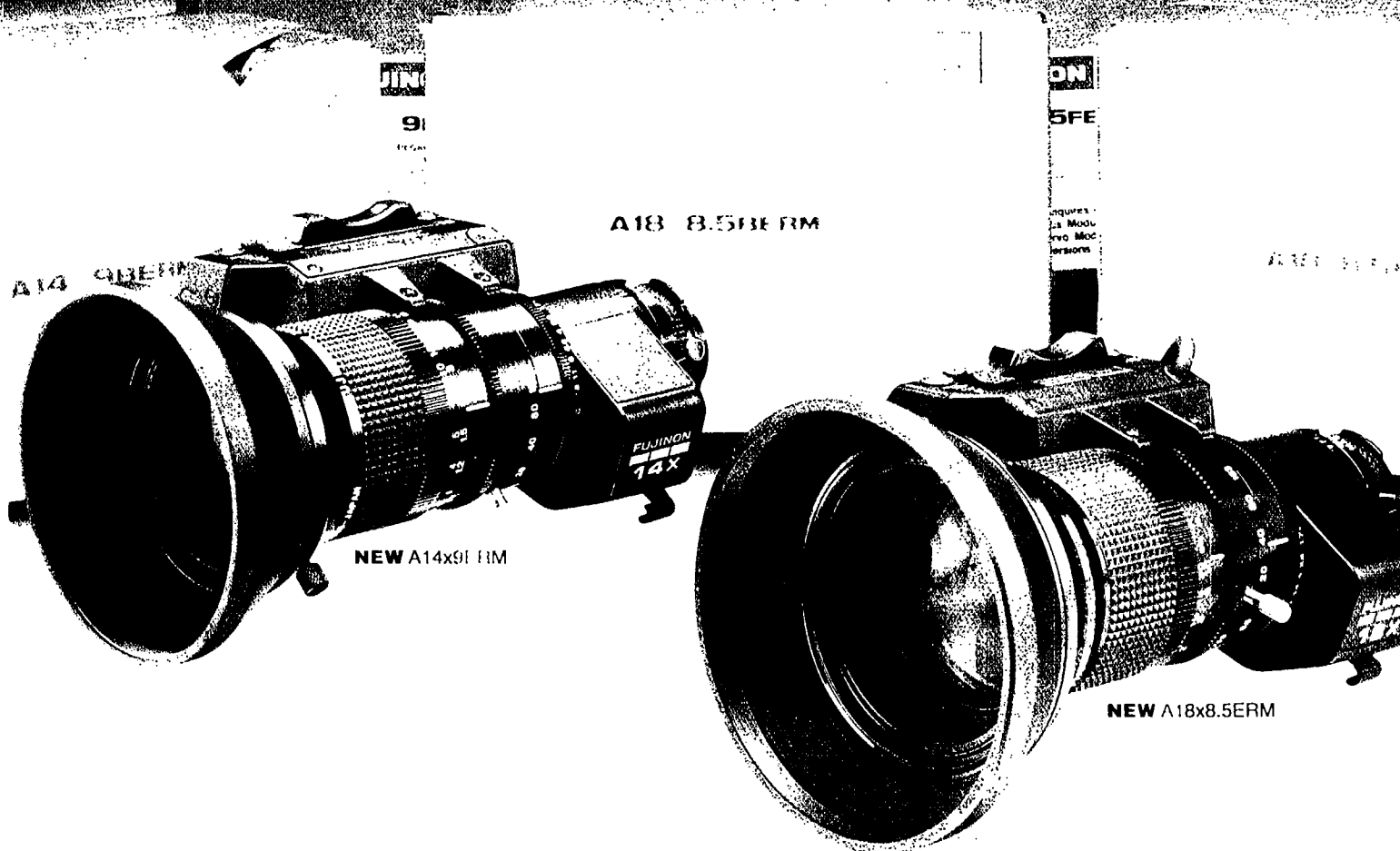
Booth Personnel: J. Phelan, C. Lyons, L. Morgan, M. Schmitt, D. Rochman, B. Cooper, D. Murphy, D. Miller, P. Schmitt.



Sigma Electronics, Inc.
1184 Enterprise Rd., East Petersburg, PA 17520

Booth: 609

NEW. HERE. NOW.



Offering you higher performance, reliability and value, Fujinon's newest and finest ENG lenses are available now.

The new A18x8.5ERM gets you in closer and takes you out farther. It gives you two focal ranges — 8.5mm to 153mm and 17mm to 306mm — by flipping the built-in 2X extender lever. The F1.7 maximum aperture is flat to 116mm and only drops to F2.3 at the full 153mm tele position. About half an inch longer than ordinary ENG lenses, the new A18x8.5ERM's combination of range, features, and performance are making it the new world standard for electronic news gathering.

The new A14x9.1ERM, lighter and more compact, outperforms its predecessors and the competition. It's less than 1.4kg with the flexibility of a built-in 2X extender. MOD is 0.8m. And it provides an F1.7 maximum aper-

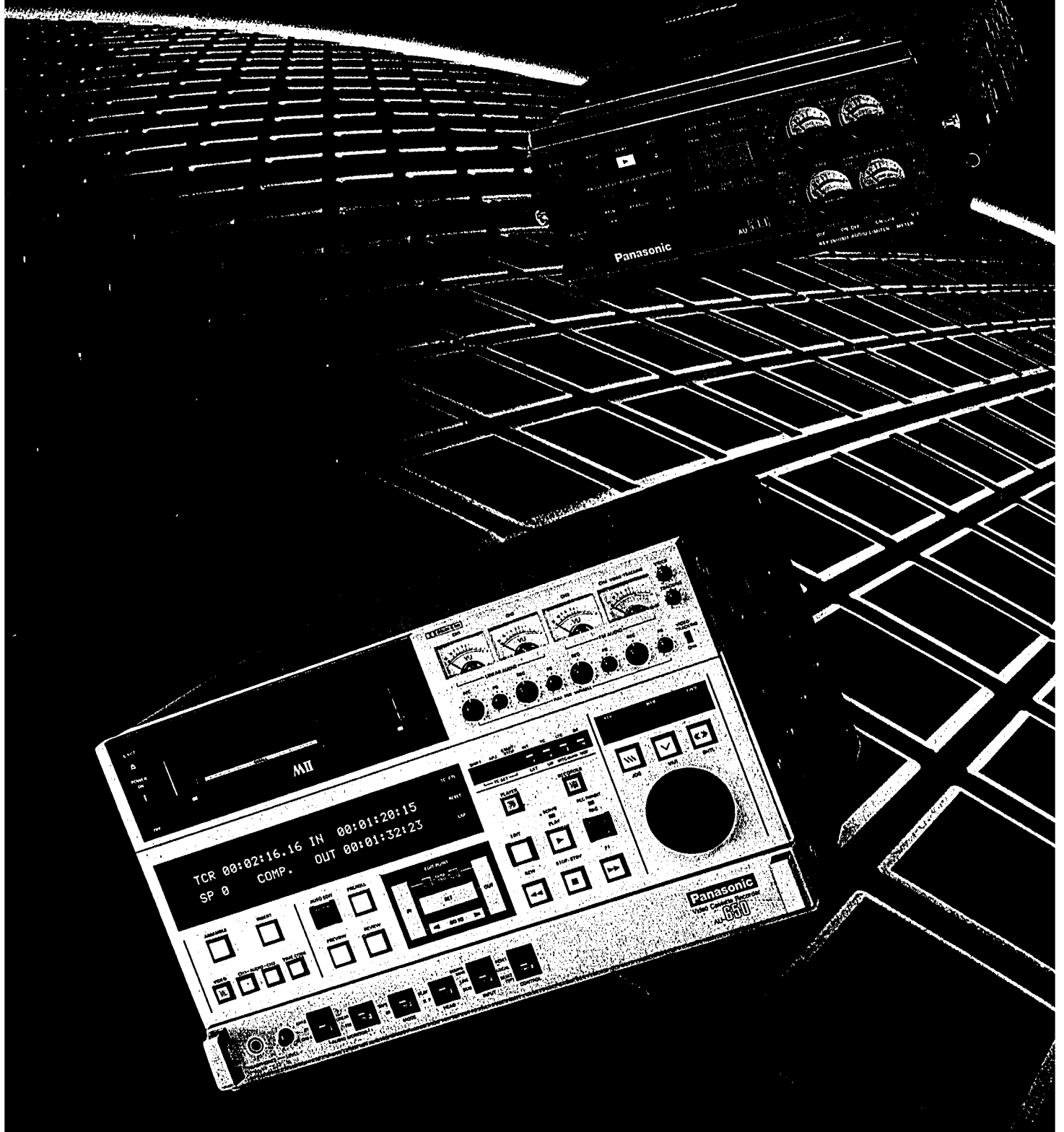
ture from 9mm to 103mm (F2.0 at 126mm).

Both new lenses offer performance improvements including higher MTF with significant reductions in distortion and longitudinal chromatic aberration. Images are sharper and brighter throughout the zoom ranges. Color and focus tracking are right on. Both lenses also offer macro focusing, weatherized construction, and such Fujinon options as miniaturized, built-in pattern projectors, front-mounted wide and tele adapters, manual and servo hand controls for studio use, and push-button shot boxes for programming multiple focal positions and zoom speed.

They're new. They're here. And they're available now. To learn more about Fujinon's new ENG lenses, you'll get more information or a demonstration by calling the Fujinon location nearest you.

FUJINON INC.	672 White Plains Road, Scarsdale, NY 10583	(914) 472-9800 Telex 6818115
SOUTH	2101 Midway, Suite 350, Carrollton, TX 75006	(214) 385-8902
MIDWEST	3 N. 125 Springvale, West Chicago, IL 60185	(312) 231-7888
WEST	118 Savarona Way, Carson, CA 90746	(213) 532-2861 Telex 194978

***Panasonic® brings you M-II.
The broadcast recording system our
competition can't seem to duplicate.***



Now you can shoot, edit and broadcast with 1" quality—on 1/2" cassettes.

When it comes to broadcast systems, it appears our competition has been erased. Because no other format can match the spectacular performance of M-II from Panasonic.

With M-II's metal particle tape system, you can use the same compact 90- or pocket-size 20-minute cassette from ENG/EFP right through editing to on-air broadcast. With 4.5MHz bandwidth (-3dB), 50dB S/N and burst signal insertion for phase alignment and jitter correction, M-II is the single solution to all your broadcast needs.

In fact, each unit in the M-II line offers some pretty uncommon common features like four audio tracks (two linear and two FM), an integral longitudinal and vertical interval time code/time date generator with presettable user bits and Dolby®-C noise reduction. And M-II products utilize a standard edit control interface, so you can upgrade gradually if you like.

AU-650 Studio VCR. This compact, rack-mountable VCR has all the advantages and functions of conventional recorders with

the benefit of the M-II format. The AU-650 provides video and audio performance as good as—if not better than—that of 1" VTRs. In a 1/2" cassette format that lends itself to station automation. It records and plays either 90- or 20-minute cassettes, and provides smooth action, variable slow motion as well as freeze frame. And the AU-650 can perform frame-accurate automatic editing with multi-generation transparency. There's also an internal TBC to assure on-air quality playback.

AU-500 Field Recorder. The AU-500 offers the portability and functions demanded by ENG/EFP users, while providing picture quality comparable to 1"—all on either a 90- or 20-minute cassette. This small, ruggedly designed unit is equipped with confidence field color playback, automatic backspace editing, TBC/DOC connection, search function and warning indicators that alert the operator should recording problems arise and the AU-500 accommodates NTSC composite or various component input signals.

The AU-400 Camera Recorder. This lightweight, compact camera recorder provides ENG users with more than 20 minutes of recording, and a picture quality that rivals that of 1" VTRs. The AU-400 also features B/W video confidence playback through the camera's viewfinder, a chroma confidence indicator and audio confidence output through a speaker.

There's even an automatic backspace editing function and warning indicators. And the AU-400's rugged construction provides excellent resistance to dust and moisture.

M-II, it's the only broadcast system of its type in the industry. And it's available now. Two of the best reasons to go with M-II from Panasonic.

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Product Description: Test and sync signal generators; distribution and processing amplifiers for television studio applications, NTSC and component formats.

Booth Personnel: K. Porter, J. Donches, J. Spittle, S. Huber, J. Izydorczyk.



Skotel Corp.

1445 Provencher, Brossard, Que., Canada J4W 1Z3

Booth: 428

Product Description: SMPTE/EBU time-code readers and generators; new TCR-111/112 readers; new TCG-80N-005 generator with film tachometer interface.

Booth Personnel: S. Scott, G. Auclair.

Warren R. Smith, Inc.

P.O. Box C, Ocean Gate, NJ 08740

Booth: 773

Product Description: Motion-control system, real-time animatics graphics stand; cine lens adaptor for video cameras; periscope (snorkel type) for video cameras.

Booth Personnel: W. Smith, L. Smith, E. Kinast, R. Miller, J. Callaghan.



Solid State Logic

Begbroke, Oxford OX5 1RU, England

Booth: 320

Product Description: Complete range of computer-assisted audio mixing systems for multi-track music recording, film and video post-production, radio and stereo television broadcasting, and mobile applications.

Booth Personnel: P. Plaskitt, A. Wild, D. Collie, G. Ingram, R. Charlesworth, R. Houghten, P. Lancaster, C. Sanders, D. Dickcy, L. Lockhart.

Sondor AG.

Gewerbezentrum, Zollikon, Switzerland 8702

Booth: 1276

Product Description: Magnetic film equipment; audio post-production equipment; film sound recorders, dubbers, dual dubbers, ADR controls, VTR interlock, peripherals.

Booth Personnel: M. Sherman, J. Grunenfelder.



Sony Broadcast Products Co.

1600 Queen Anne Rd., Teaneck, NJ 07666

Booth: 616

Product Description: Latest technology for use by broadcast and teleproduction facilities, encompassing audio, video, and related products.

Sound Ideas

86 McGill St., Toronto, Ont., Canada M5B 1H2

Booth: 1244

1062

Product Description: Sound Effects Library on compact disc, consisting of over 3000 fully cataloged stereo effects, for state-of-the-art digital sound quality.

Booth Personnel: B. Nimens, M. Bell, G. Trafford, B. Hayne.

Soundmaster International Inc.

306 Rexdale Blvd., Rexdale, Ont., Can. M9W 1R6

Booth: 1162, 1156

Product Description: Soundmaster™ integrated editing system incorporating SYNCRO™, a totally programmable machine control center.

Booth Personnel: R. Predovich, A. Staffer.

Sound Technology, Inc.

1400 Dell Ave., Campbell, CA 95008

Booth: 211

Product Description: Audio test equipment, manual and automated distortion analyzers, tape recorder test systems, transmission test systems; MTS stereo analyzer/monitor, multi-channel switching system, software programs for automated testing.

Booth Personnel: D. McGuire, C. Alderson, B. Millice, D. Hartmann, L. Hartmann, S. Funke, T. Kellner, S. Keiser, S. Lucas, S. Lucas.

Steady-Film Corp.

707 18th Ave. S, Nashville, TN 37203

Booth: 163

Product Description: Steady-Film system pin-registered gate, precision retrofitted to the Rank Cintel Mark III with a microprocessor controller to interface to a single-frame recorder and color grading system, allowing rock-steady transfer.

Booth Personnel: W. Smith, G. Smith, C. Gyoury, S. Brinker, P. Kroll, S. Burmeister.



Steenbeck, Inc.

9554 Vassar Ave., Chatsworth, CA 91311

Booth: 1128

Product Description: Motion-picture editing and video interface equipment, magnetic film recorders, and associated equipment.

Booth Personnel: H. McCall, R. McCall, W. Bass, W. Otto, R. Macaulay, D. Macaulay, G. Miller, T. Diamond.



Strand Lighting

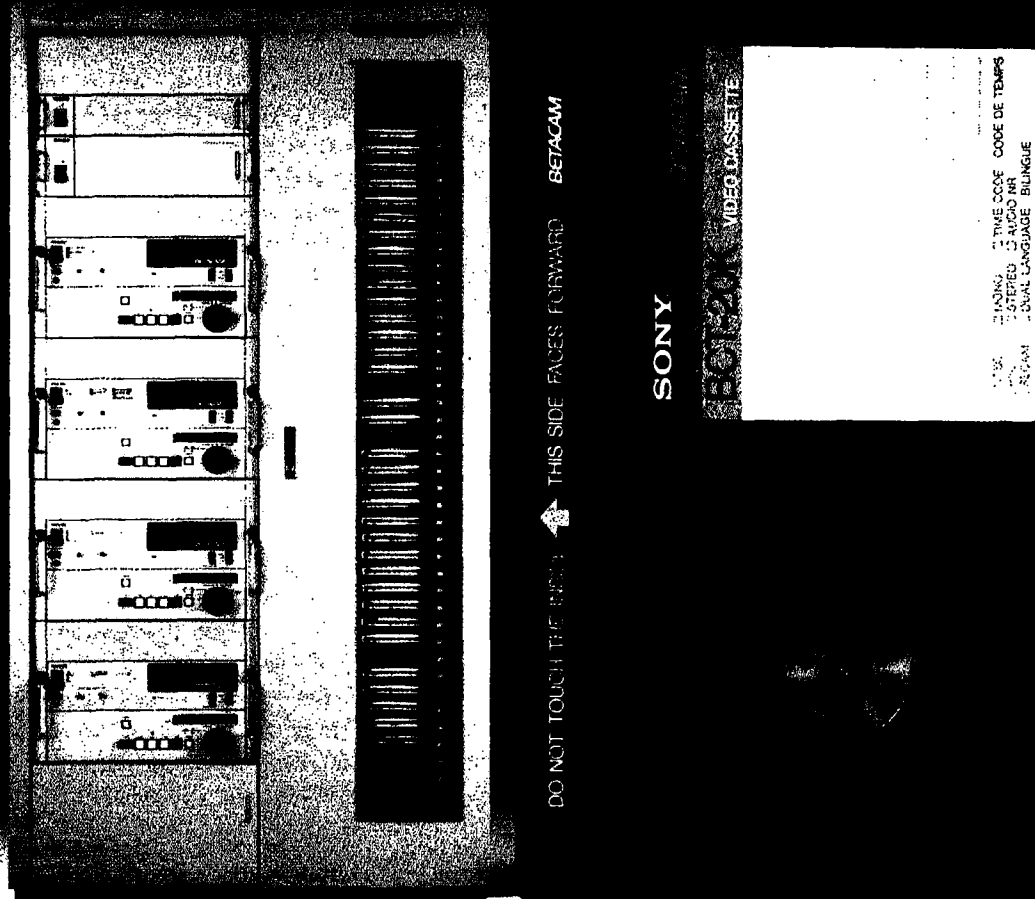
18111 S. Santa Fe Ave., Rancho Dominguez, CA 90221

Booth: 1046

Product Description: Dimming, control, and fixtures for television and motion-picture production, fixed and portable.

Booth Personnel: F. Dutton, J. Pavacik, J. Sessler, B. Groener, S. Dandridge, D. Garcia, L. Wittman, L. Magadini, J. Crooks, B. Schiller, K. McCormick.

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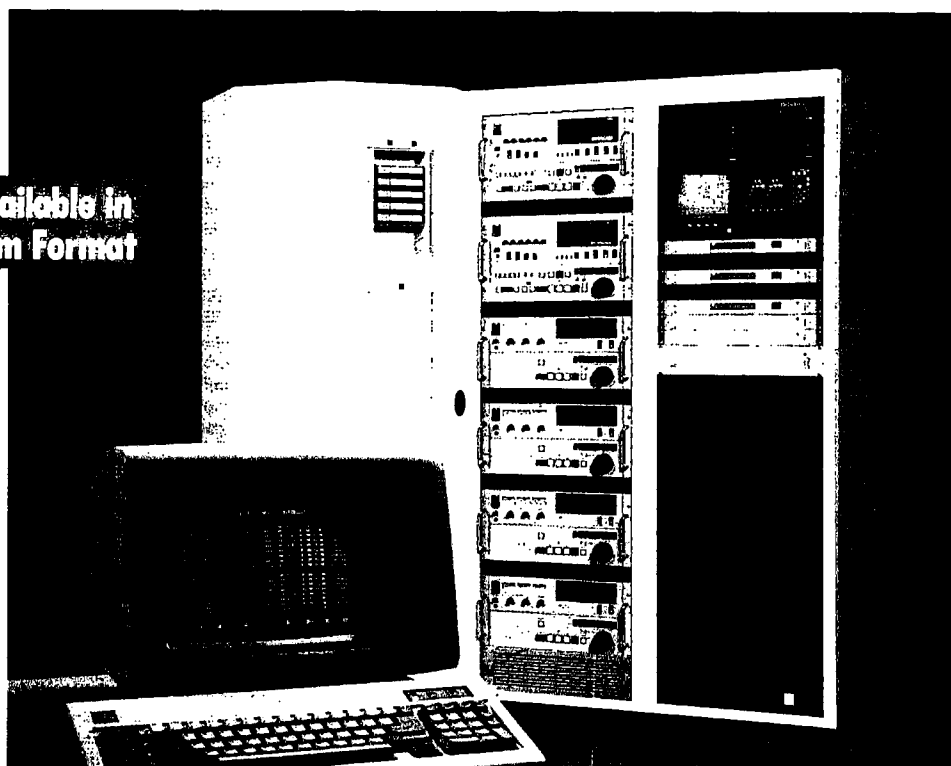
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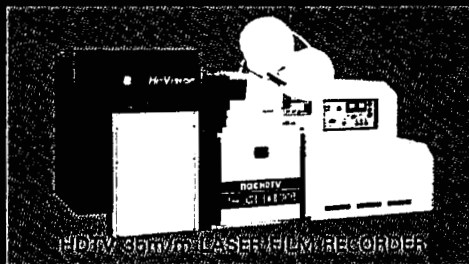
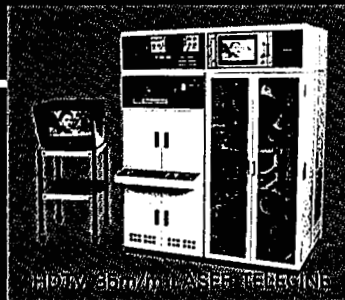
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Super8 Sound

95 Harvey St., Cambridge, MA 02140

Booth: 973

Product Description: Nizo and Beaulieu Super8 cameras, sync cassette recorders, and sample videotapes of Super8 transfers.

Booth Personnel: P. Vigeant, G. Holt, R. Schuster.



Sylvania Lighting IC

100 Endicott St., Danvers, MA 01923

Booth: 637

Product Description: Studio lighting featuring Brite Arc, Brite Beam, and Roughneck lamps.

Booth Personnel: B. Shay, D. Richardson, A. Westlun, J. Buschmann, R. Fleming, B. Nigrello, P. Basile, M. Skerry, S. McClenaghan.



TASCAM/TEAC Corp. of America

7733 Telegraph Rd., Montebello, CA 90640

Booth: 306

Booth Personnel: B. Mohrhoff, B. Stevens, G. Hildebrandt, A. Madsen, V. Basse, J. Bliese, J. Blache.

Tekskill Industries Inc.

108-15290 103A Ave., Surrey, BC, Canada V3R 7A2

Booth: 1202

Product Description: Prompter designed to work with portable video cameras without the need for heavy counterweights.

Booth Personnel: R. Jones, J. Veenstra, J. Schaffer, C. Miller.



Tektronix, Inc.

P.O. Box 500, D.S. 58-699, Beaverton, OR 97077

Booth: 1014

Product Description: Test and measurement equipment: waveform monitors, vectorscopes, sync and test signal generators, demodulators, automatic measurement equipment, audio and video synchronizers, stereo audio monitors.

Booth Personnel: S. Kerman, L. Kaplan, D. Castles, R. Marquez, L. Harrington, R. Stevens, W. Olmstead, J. Zook, B. Pant, J. Quinn, T. Christenson, B. Denne, J. Capps.

Telemetrics, Inc.

7 Valley St., Hawthorne, NJ 07506

Booth: 1174

Product Description: Triax and coax connected control systems for ENG/EFP cameras; miniature and standard camera pan/tilt units for broadcast, teleconferencing, and security systems.

Booth Personnel: A. Cuomo.

Telescript Inc.

445 Livingston St., Norwood, NJ 07648

1066

Booth: 344

Product Description: Monitor prompting systems featuring enhanced video signals for both C-64 program and Vidicon camera output of Telecue and Telescriptor transports.

Booth Personnel: B. Swanson, J. Swanson, K. Hyde, K. Pizzanelli, R. Mergner, A. Prisco, K. Gavlick.

Television Equipment Associates, Inc.

Box 393, South Salem, NY 10590

Booth: 114, 112

Product Description: Matthey video delays and video filters; Racal headsets; Elcon tape evaluators.

Booth Personnel: B. Pegler, S. Tocidlowski, V. Emmerson, B. Walters, M. Walters.

Telex Communications, Inc.

9600 Aldrich Ave. S, Minneapolis, MN 55420

Booth: 143

Product Description: New 4-channel Audiocom intercom master station with IFB capabilities; Telex wireless microphone line featuring new ENG system, including small 4-channel receiver and 2-channel transmitter.

Booth Personnel: J. Arrington, G. Fisher, C. Kleiman, D. Merceen, F. Olson.

Tentel Corp.

1506 Dell Ave., Campbell, CA 95008

Booth: 969

Product Description: Videotape recorder maintenance and repair equipment; test gauges for tape interchange, prevention of tape damage; new head protrusion gauge for measuring remaining video head life.

Booth Personnel: W. Graham, J. Chavers, C. Lui, L. David, B. Zern.



TFT, Inc.

3090 Oakmead Village Dr., Santa Clara, CA 95051

Booth: 101

Product Description: 850 series of BTSC aural modulation monitors, 855 SASP/Pro monitor; 8500 composite subcarrier system; Model 701 monaural aural modulation and frequency monitor.

Booth Personnel: J. Wu, H. Wu, K. Tam, J. Maxenchs, P. Ferguson, T. Peterson.



Thomson-CSF Broadcast, Inc.

37 Brownhouse Rd., Stamford, CT 06902

Booth: 256

Product Description: Full line of Vidifont character generator/graphics products; TTV1525C studio camera; new TTV-1530 OB camera; TTV-1624 portable ENG Betacam camera; new TTV-2710 CCD slide scanner.

Booth Personnel: S. Basara, N. Dailey, C. Gatrall, C. Gaydos, R. Grassi, T. Hindle, T. Lorenzen, T. Moore, A. Rahman, J. Safar, M. Howryletz.

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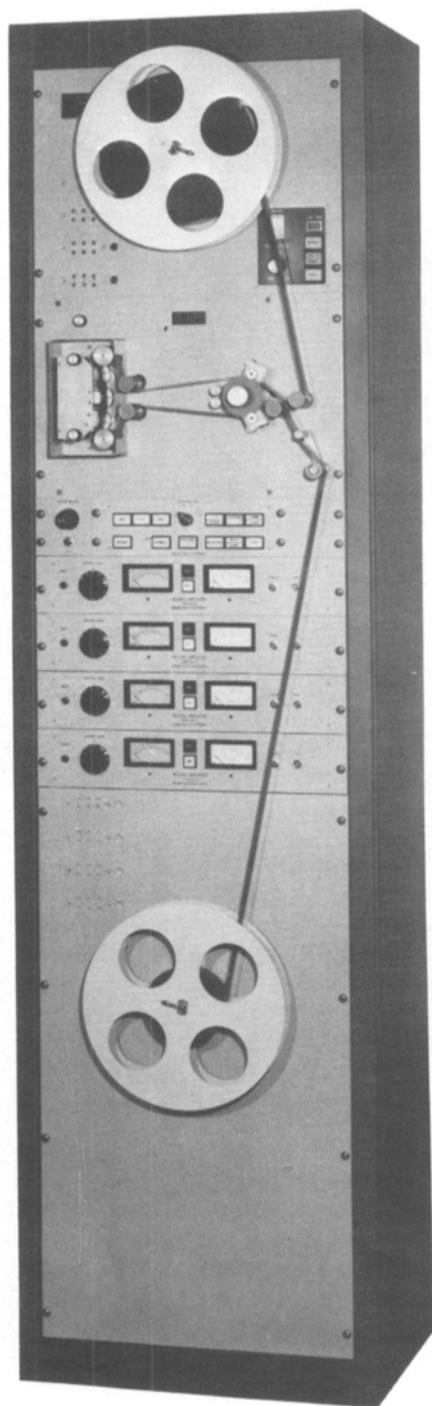
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**3M, Broadcasting & Related Products****3M Center, Bldg. 225-3S, St. Paul, MN 55144***Booth: 466**Product Description:* Routing switchers, bridging switchers, SMPTE machine controls, character generators.*Booth Personnel:* J. Kerr, B. Landringham.**Tiffen Manufacturing Corp.****90 Oser Ave., Hauppauge, NY 11788***Booth: 1319**Product Description:* Photographic filters and lens accessories for motion-picture, television, and video cameras and lenses, including special-effect viewing filter kit, special-effect filters, and adapter rings.*Booth Personnel:* N. Tiffen, I. Tiffen, S. Tiffen, H. Tiffen, J. Bonura, S. Wallace, T. Grosso, S. Abrams, A. Sarfaty, T. Bejarano.**TimeLine, Inc.****270 Lafayette St., New York, NY 10012***Booth: 939**Product Description:* Time-code and synchronization products, featuring LYNX time-code module, a reader, generator, and chase synchronizer in a single enclosure.*Booth Personnel:* G. Block, B. Orner, J. Goldscheid.**Total Spectrum Manufacturing, Inc.****20 Virginia Ave., Tallman, NY 10994***Booth: 574**Product Description:* MultiController 4-camera motion-controller systems; FCS-20 and FCS-30/C graphic stands; UNI-11-SND uniplexer system (converts 35mm slides to video); complete line of ENG camera accessories; optic service.*Booth Personnel:* R. Gonnelli, G. Rotondelli, N. Glade, H. Davis, L. Duarte.**Triconcept****2670 Sabourin, St. Laurent, Que., Canada H4S 1M2***Booth: 739**Product Description:* Computer-based audio post-production system, new digital audio product.*Booth Personnel:* R. Kazak, B. Tee, M. Mounceim, J. Stafford.**Trompeter Electronics, Inc.****31186 La Baya Dr., Westlake Village, CA 91362***Booth: 1273**Product Description:* Coax connectors and panels for local area networks.*Booth Personnel:* H. Gladish, W. Christiansen.**Union Connector Co., Inc.****P.O. Box H, Roosevelt, NY 11575**

1070

*Booth: 674**Product Description:* Industry-standard pin connectors, electrical distribution equipment, connector strips; Unitrol system dimmers and computer-controlled light system.*Booth Personnel:* R. Wolpert, R. Wolpert, C. Wolpert, S. Skirpan, I. Stein.**Ushio America, Inc.****20101 S. Vermont Ave., Torrance, CA 90502***Booth: 1331**Product Description:* SSTV and television halogen lamps.*Booth Personnel:* T. Ciurczak, J. Griffiths, T. Nakamura, G. Kirsch.**Utah Scientific, Inc.****1685 W. 2200 S, Salt Lake City, UT 84119***Booth: 148**Product Description:* Routing switchers, master control switchers, machine control systems, and distribution amplifiers.*Booth Personnel:* S. Bosen, L. Keys, A. Snyder, E. King, G. LaMunyan.**Vid Video, Inc.****3919A W. Magnolia Blvd., Burbank, CA 91505***Booth: 838**Product Description:* Engineering modifications to industrial videotape equipment.*Booth Personnel:* R. Glenn, W. Ayrault.**Videomedia, Inc.****211 Weddell Dr., Sunnyvale, CA 94089***Booth: 476**Product Description:* Mickey II editing system; A/B roll AFV dissolve unit; Magnum edit controller; Q-Star II sequencing system; VMC 202 traffic and billing computer.*Booth Personnel:* K. Royer, J. Thibodeaux, B. Stickney, H. Wilks, S. Ernest, N. Traver.**Video Services Unlimited****2720 E. Thomas, Bldg. A, Phoenix, AZ 85016***Booth: 173**Product Description:* Stanton Jimmy-Jib camera boom.*Booth Personnel:* J. Stanton.**Videotek, Inc.****243 Shoemaker Rd., Pottstown, PA 19464***Booth: 213**Product Description:* High-resolution broadcast color monitors, waveform monitor, vectorscope, sync generator, routing switchers, distribution amplifiers, audio program monitors, and demodulators.*Booth Personnel:* R. Hollowbush, D. Taylor, J. Trunzo, P. Steyaert, P. Choi, E. Wahlberg, E. Grady, B. Gardner, B. Boxill, J. Mauger.

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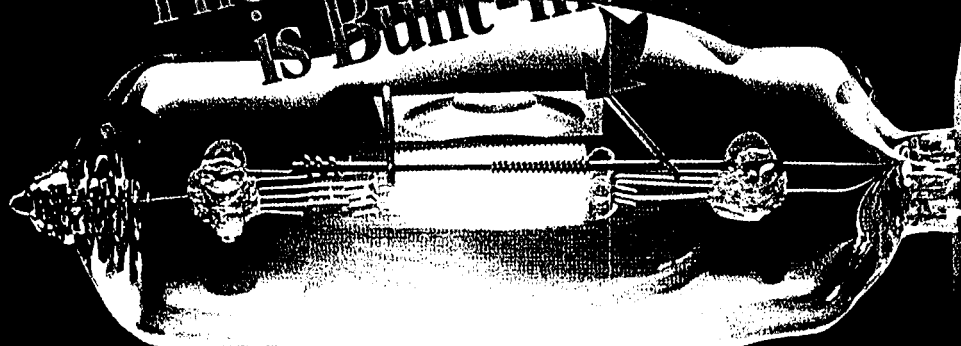
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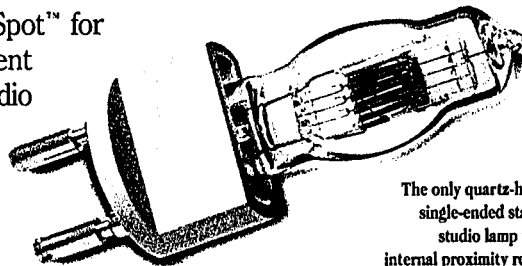
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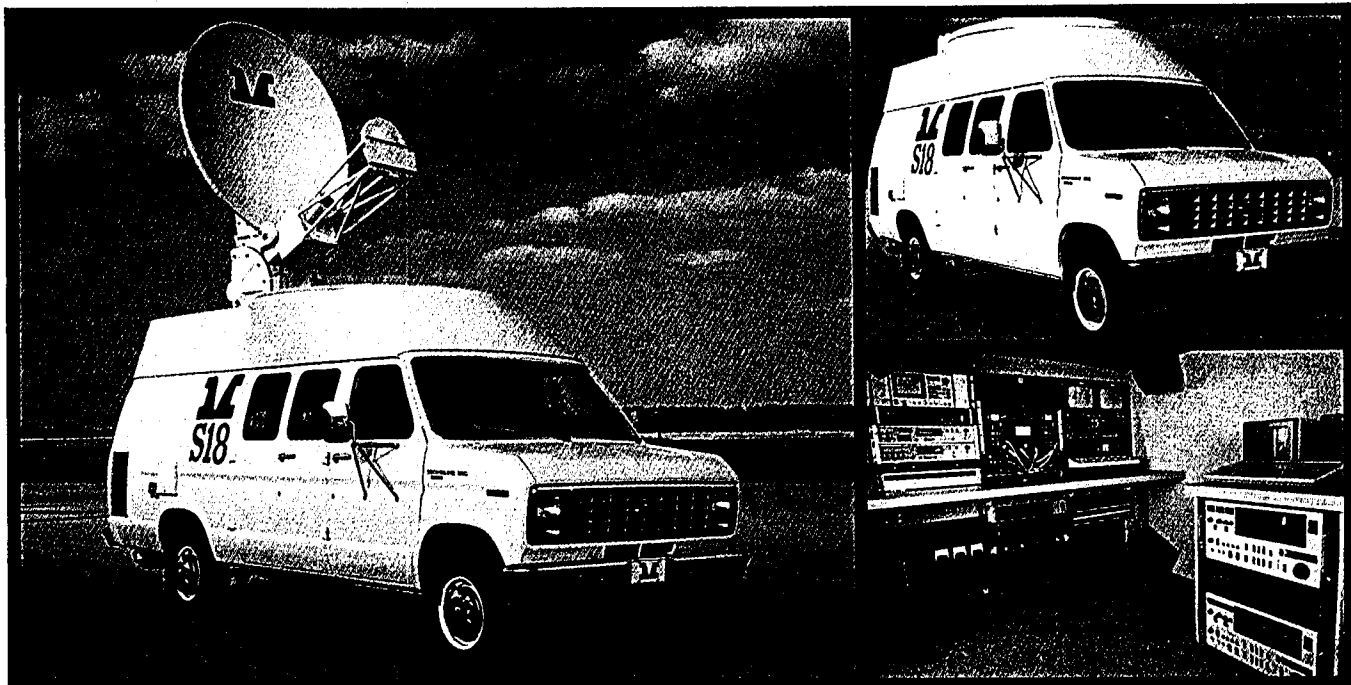
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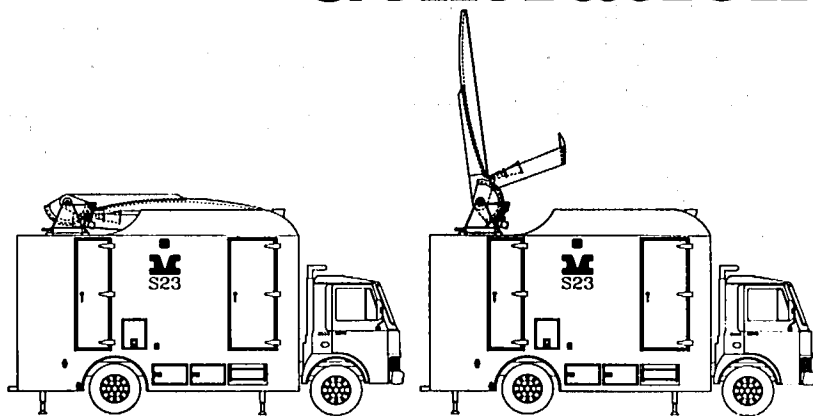
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Product Description: Heavy-duty shipping cases and lightweight carrying cases for all types of equipment; EIA rack cases, shock-mounted rack cases.

Booth Personnel: R. Stemler, A. Stemler, J. Paglio, W. Strickland.

Vinten Equipment Inc.**39 Cain Dr., Plainview, NY 11803***Booth: 863*

Product Description: Vinten mountings including Microswift 200 digital remote camera-control systems; Vision ENG/EFP fluid heads and tripods; studio pan-and-tilt heads, pedestals, tripods, and cranes.

Booth Personnel: J. Camarda, R. Polan, R. Zadworny, J. Bart.

VTA Technologies, Inc.**2040 Sherman St., Hollywood, FL 33020***Booth: 332*

Product Description: Film-to-tape/tape-to-tape 16-vector color-correction, machine-control equipment including remote-control and assignment panels.

Booth Personnel: K. Crain, M. Orsburn, B. Hemsy, C. Fearing.

The Winsted Corp.**9801 James Cir., Minneapolis, MN 55431***Booth: 1176*

Product Description: Editing consoles for 1/2, 3/4, and 1-in. tape formats; space-saving videotape and film-storage systems; tape truck equipment cabinets; system consoles for dubbing and post-production.

Booth Personnel: L. Dozier, D. Kanczuzeski, B. Sabin, J. Hoska, R. Smith, J. Ruzek, M. Dollacker, G. Constantine, G. Olsen.

**Zellan Optics, Ltd.****15 W. 26th St., New York, NY 10010***Booth: 414*

Product Description: Aaton cameras; FDT (SMPTE) time code for film; CTR Clear time-recording Cooke 16 and 35mm lenses; CamRail, Portamount, Kingsway matte box, and Follow Focus; Mobil Motion portable motion-control system.

Booth Personnel: L. Zellan, G. Genin, J. Beauviala, L. Shorr, R. Abel, S. Nelson, J. Killingsworth, M. Hinds, B. Johnson.

Zonal Magnetics/MAG-ZON Inc.**7304 Valjean Ave., Van Nuys, CA 91406***Booth: 1236*

Product Description: Professional sound-recording magnetic film, full-coat polyester 16, 17.5, and 35mm; 1/4, 1/2, 1, and 2-in. audio tapes.

Booth Personnel: M. Gaboudian, V. Gaboudian, S. Hann, A. Heise.



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