

Exhibit Directory

Allotrope Ltd.

36/38 Lexington St., London W1R 3HR, England

Exhibiting: Portable noise-reduction unit (Dolby system).

Ampex Corp.

401 Broadway, Redwood City, CA 94063

Exhibiting: Broadcast videotape recorders, editing equipment, television cameras, and audio products, including the AVR-3 and AVR-2 quadruplex VTRs, the new VPR-2 1-in VTR and the new SMC-60 slow motion controller. RES-1 and HPE-1 editors, Duca-Richardson switchers, and new BCC-10 and BCC-14 broadcast cameras, and ESS—Electronic Still Store.

Personnel: D. V. Kleffman, R. Ide, M. Sanders, L. Cochran, A. Slater, P. Hansil, L. Hase, T. Nielson, F. Nault, H. Lilley, W. Justus, G. Brill, W. Carpenter, G. Rose, W. Ebell, G. Easton, B. Riedel, J. Pirtle, P. Bernal, K. Price, T. Seaton, L. Wright, F. Rush, R. Richardson.

Angenieux Corp. of America

1500 Ocean Ave., Bohemia, NY 11716

Exhibiting: The new Angenieux 25 × 10, *f*/1.4 for ⅜-in television cameras, featuring a wide angle of 46° in a very compact and lightweight package. The 25 × has an extremely long focal length of 10-250mm.

Personnel: John Wallace, Herb Van Driel, Dick Putman, Bern Levy, Walt David, Jeff Giordano, Kim Farber, Evelyn Lowe.

Arriflex Corp.

1 Westchester Pl., Elmsford, NY 10523

Exhibiting: Complete line of professional 16mm and 35mm motion-picture equipment including the Arriflex 35 BL and 16 SR. Zeiss high-speed lenses, Arrilite HMI lights and a full complement of the latest accessories.

Personnel: Volker W. Bahnemann, Richard B. Schreiber, Jürgen Schwitzer.

The Association of British Manufacturers of Photographic, Cine and Audio Visual Equipment

Exhibiting: Information stand.

Belden Communications, Inc.

25 W. 45th St., New York, NY 10036

Exhibiting: Lee filter color media will be shown with the addition of 12 new color effects added to the line. Belden/Lee 1-kW hot restart CSI light.

Personnel: Michael Sheppard, Paula Boxer, David Holmes, Peter Kosarin, John Lee, Benny Lee, Bud McKinney, Vic Cano.

Bell & Howell Co., Professional Equip. Div.

7100 McCormick Rd., Chicago, IL 60645

Exhibiting: An all new continuous contact printer which includes a new microprocessor printer controller. For special effects, our model 6213C optical printer will also be exhibited. The Beaulieu Products Group will display several super 8mm cameras, projectors and accessories.

Personnel: John Ehrenberg, Jack Lang, Dave Jones, Chuck Thomas, Jim Bull, Jerry Baird, Fred Gonzalez, Malcolm Darbyshire.

Berkey Colortran

1015 Chestnut St., Burbank, CA 91502

Exhibiting: New high-performance scoops for film/TV applications will be featured, along with lighting kits for studio/location use. Also the new high-performance 1-kW Fresnel, portable

dimming equipment and a new photography suspension system. Studio and location lighting equipment designed for use with tungsten halogen lamps.

Personnel: Peter Coe, Tom Pincu, Marion Rimmer, Les Zellan, Charles Davidson, Franc Dutton.

Bolex (U.S.A.) Inc.

250 Community Dr., Great Neck, NY 11020

Exhibiting: Bolex 16mm professional motion-picture cameras: Bolex EL/Electronic, Bolex EBM/Electric, Bolex SBM/Spring Wound, Bolex REX/5 Spring Wound, new 521 electronic projector and accessories.

Personnel: Raymond Gasser, Joe Vasata, Fred Onderka.

Robert Bosch Corp.

279 Midland Ave., Saddle Brook, NJ 07662

Exhibiting: BCN 20 portable videotape recorder, BCN 50 studio videotape recorder, KCA 90 portable color camera, color monitors.

Personnel: Fred Bundesmann, John Webb, John Lynch, John Rush, Len Staskiewicz, Bill Louie.

The Camera Mart, Inc.

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

Exhibiting: Complete line of professional motion-picture and video equipment including cameras, lighting, sound, editing, switchers, and mixers.

Personnel: Samuel Hyman, Paul Meistrich, Shelly Brown, Jeff Wohl, Herb Browning, Leo Rosenberg, Ken Seelig, Harold Rainey, Shimon Ben Dor.

Canon U.S.A., Inc.

10 Nevada Dr., Lake Success, NY 11040

Exhibiting: The versatile zoom lens J13 × 9B for ⅜-in camera and many convenient accessories. Zoom lenses for single tube color cameras. 16mm motion-picture camera Scoopic 16MS and its accessories.

Personnel: J. Keyes, B. Natwick, J. Shimada, C. Smith, T. Sakurai, K. Nishio, O. Tanaka, M. Momosawa.

Century Precision Cine Optics

10661 Burbank Blvd., N. Hollywood, CA 91311

Exhibiting: Century products including Century wide angle lenses, Century Teleathenar telephotos, Century Duplikin copiers and many accessories for professional film production.

Personnel: Wm. Turner, Steve Manios, John Manios.

Chyron Telesystems

223 Newtown Rd., Plainview, NY 11803

Exhibiting: The new Chyron IV state-of-the-art software-based graphic and titling system.

Personnel: John Adams, John Starosky, David Buckler.

Cine 60 Inc.

630 Ninth Ave., New York, NY 10036

Exhibiting: New high-capacity Sun-Gun powerbelts and powerpaks; Sun-Gun kits; powerbelts/powerpaks for Arri, Eclair, Bolex, Beaulieu; Shoulder Pods; Snaploks camera mounts; 115-V motor-driven blower; air-cooled lights (850-W, 1700-W) and lighting kits.

Personnel: Paul Wildum, Don Civitillo, Robert Kabo.

Cinema Products Corp.

2037 Granville Ave., Los Angeles, CA 90025

Exhibiting: The all-new MNC-71CP ENG/EFP video camera. The new ultra-lightweight GSMD compact 16mm camera with quick-change, snap-on, coaxial magazines. The Oscar-winning Steadicam film/video camera stabilizing system (featured with 35mm, 16mm, and video cameras). The CP-16R reflex 16mm film-to-tape transfer system. The new CP film editing table. The XR35 lightweight 35mm studio camera. Location lighting equipment. Universal 2030 and 808 fluid-head tripod.

Personnel: Ed DiGiulio, Gary Gross, Ron Kelley, Ray Tamba, Bill Saks, Bob Auguste, Wayne Weichel, Charles Lipow.

CMX Systems, Div. of Orrox Corp.

3303 Scott Blvd., Santa Clara, CA 95050

Exhibiting: Videotape editing equipment.

Personnel: Allen J. Behr, Murray Bevitz, Darrel Vincent, Thomas Phillips, Gary Youngs, Bob Meserve, Klaus Eichstadt, William H. Orr, Gene Simon.

Coherent Communications

13733 Glenoaks Blvd., Sylmar, CA 91342

Exhibiting: Artech wireless microphones, Mini-Mic subminiature microphones, audio developments, portable 6- and 8-channel audio mixers, Rycote microphone windscreens and shockmounts, battery power supplies for Sennheiser and AKG microphones, Cinekart location equipment cart, RTS intercom products.

Personnel: Ivan Kruglak, Doug Leighton, Stan Hubler.

Commercial Electronics Inc.

880 Maude Ave., Mountain View, CA 94043

Exhibiting: The CEI-310 color television camera system featuring a broadcast camera utilizing 3/8-in Plumbicons or Saticons. Designed to fit both studio and production needs, the CEI-310 can easily be converted from a portable EFP system to a studio system camera or a studio self-contained camera within a few minutes.

Personnel: Don Diesner, Chuck Headley, N. Schneider.

Comprehensive Service Audio-Visual, Inc.

P.O. Box 881, Times Square Station, New York, NY 10036

Exhibiting: Reels, cans, shipping cases. Comprehensive's new "fast lock" case. Plus: Editing supplies, shipping supplies, projection lamps, studio lamps, printer lamps, gaffer tape, audiotape, magnetic film, video reels and boxes, labels, padded mailing bags.

Personnel: J. T. Dougherty, Hubert Bordfeld.

Comprehensive Video Supply Corp.

148 Veterans Dr., Northvale, NJ 07647

Exhibiting: Audio and video adapters, connectors, cables, break-out boxes, tool kits, maintenance supplies, test gear, positioning and transporting equipment, lighting kits, audio and video accessories, books.

Personnel: Jules Leni, Marc Plitt, Tedd Jacoby.

Consolidated Video Systems, Inc.

1255 E. Arques Ave., Sunnyvale, CA 94086

Exhibiting: CVS 520 and 516 TBC, CVS 310 image enhancer/noise reducer, EPIC-1 software-oriented, computer-based editing system for on-line or off-line control of all types of VTRs.

Personnel: Jim Summers, DeWitt Smith, Marv Alley, Bill Miller, Clay Selthun, Walter Werdmuller, Larry Seehorn.

Convergence Corp.

17935 Sky Park Circle, Irvine, CA 92714

Exhibiting: The Convergence Corporation ECS-100 Superstick series videotape editing systems will be our featured product

series. The series consists of the following operable exhibits: the ECS-101 Superstick basic editing system, the ECS-102 Superstick insert editing system, and, starring in the Superstick Theatre with scheduled shows every 30 minutes, the "top-of-the-line" ECS-103 Superstick multi-source editing system.

Personnel: Gary H. Beeson, John G. Campbell, Dennis G. Christensen, John V. DiMatteo, Rush S. Hickman III, Richard Moscarello.

Dolby Laboratories, Inc.

731 Sansome St., San Francisco, CA 94111

Exhibiting: Noise-reduction and ancillary equipment for the production and exhibition of motion-picture soundtracks.

Personnel: Ioan Allen, Clyde McKinney, Ray Dolby, Stacey Rehm, Bob Peterson.

Eastman Kodak Co.

343 State St., Rochester, NY 14650

Exhibiting: Eastman motion-picture films, new sensitometry technology.

Personnel: J. C. Brunton, J. B. DeWitt, R. W. Hardisty, M. E. Johnson, S. H. Mitchell, J. F. Teahan, R. L. Thomas.

Eigen Video

P.O. Box 1027, Grass Valley, CA 95945

Exhibiting: Color Slo-Motion disc recorder.

Personnel: George Foster, Jim Hebb.

Elf Audio Visual

836 Yeovil Rd., Slough, Berkshire, England

Exhibiting: Elf digital interlock projectors and drive systems. Elf 16mm 6000-ft-long play/rewind unit. Elf 16mm 1000-ft continuous loop magazine.

Personnel: Peter Berthold, Peter Hayward, Ron Frost, W. B. S. Burgess, D. J. Frost.

Elmo Mfg. Co.

32-10 57th St., Woodside, NY 11377

Exhibiting: 35mm sound filmstrip projector, telecine film chain system, 16mm sound projectors, super 8mm sound cameras and projectors, overhead projectors.

Personnel: Frank A. Brill, Harold H. Levitt.

FERCO

707 11th Ave., New York, NY 10019

Exhibiting: 16 and 35mm cameras, videotapes, Stindt dolly, Continental body mount, helicopter mount, HMI lights and other assorted cameras, lighting and sound equipment.

Personnel: Peter Schnitzler, Lou Girolami, Ron Lautore, Ed O'Neill, Tom Schnitzler, Chris Stoia, Ann Marie Mahacek, John Clapp.

Frezzolini Electronics, Inc.

7 Valley St., Hawthorne, NJ 07506

Exhibiting: Frezzi reflex and non-reflex 16mm news and documentary cameras, rechargeable portable power packs and power belts for use with television color cameras (ENG), and portable tape recorders. Efficient lightweight crystal control dc-to-ac inverters for use with above equipment.

Personnel: Jim Frezzolini, Jim Crawford, Jack Frezzolini, Jack Zink, Lena Frezzolini, Joan Crawford, Mary Frezzolini.

Fuji Photo Film USA, Inc.

350 5th Ave., New York, NY 10001

Exhibiting: H-701E super-low-noise 2-in broadcast videotape. H-621 Beridox 1-in videotape. Fuji Bridox 3/4-in U-matic videocassettes. Fuji Beridox VHS 1/2-in videocassettes.

Agfa-Gevaert Worldwide partner of film and TV professionals

With more than twenty factories in Europe, USA, South America and India, Agfa-Gevaert is one of the biggest European manufacturers of photo-technical products, with an extensive network of subsidiaries and agencies spanning the five continents.

Professionals in film and television production, throughout the world, appreciate the consistently superior quality of Agfa-Gevaert professional motion picture, TV and video film, as well as of the

Agfa-Gevaert magnetic sound recording material. This is proven daily by the recording of historic events and great sporting achievements.

A few facts that help describe us:
Annual sales (1976):
U.S. dollars 1,350,900,000
Research budget (1976):
U.S. dollars 88,800,000 or 6.5% of sales. Personnel: 32,000.

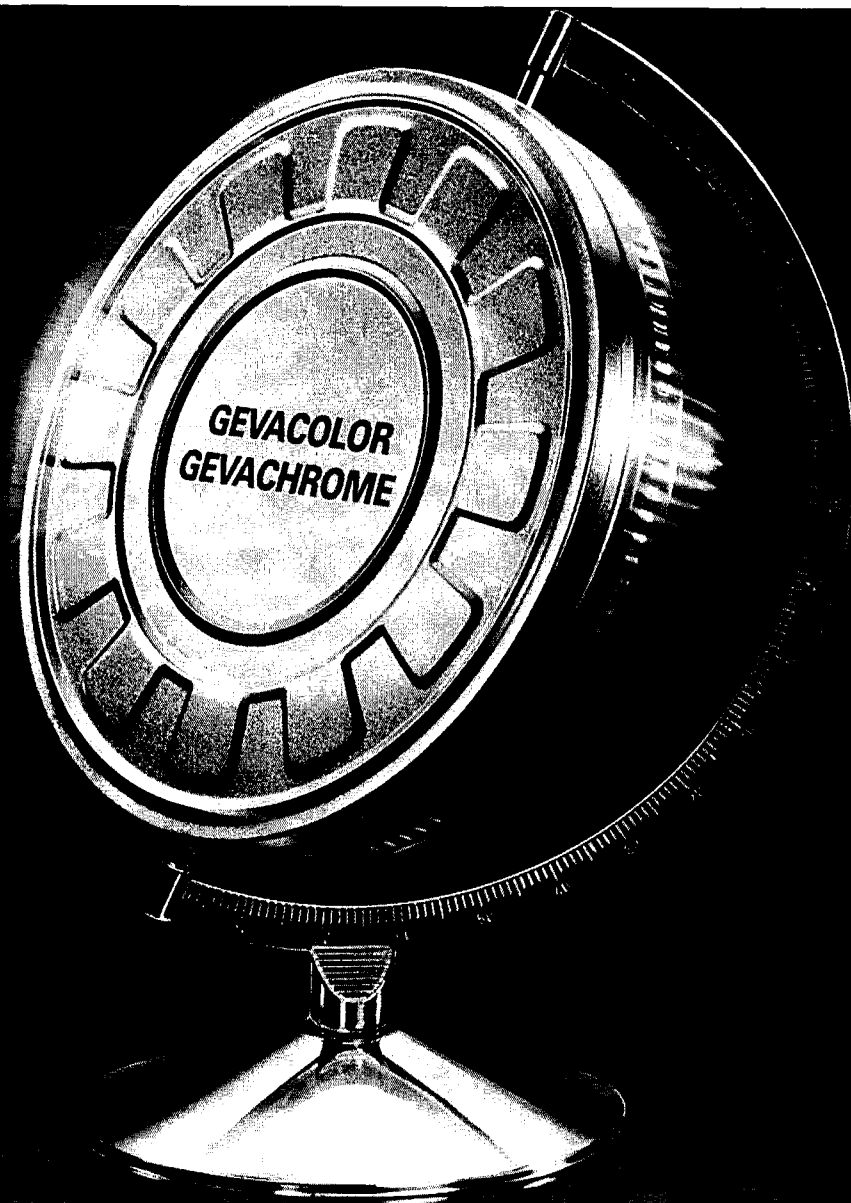
The decisive advantage:
Agfa-Gevaert's totally integrated

programs and systems, complementing each other for the most diverse requirements of production and filming techniques. Wherever your production crew takes you, Agfa-Gevaert is the most professional partner you can have on board.

Agfa-Gevaert N.V., B-2510 Mortsel (Belgium)

In the U.S.A.:
Agfa-Gevaert Inc.
275 North Street, Teterboro - N.J. 07608

In Canada:
Photo Importing Agencies Ltd.
29 Gurney Crescent, Toronto, Ontario



Personnel: John Dale, Al Bedross, Mike Carney, Jerry Lester, Tom Ushijima, Jeanne DiGangi.

Fujinon Optical, Inc.
672 White Plains Rd., Scarsdale, NY 10583

Exhibiting: CCTV lenses corrected for chromatic aberrations, in use at military, industrial, scientific, medical, educational, security, and small TV stations. EFP/ENG lenses: for use in electronic newsgathering, sports, and field events. BCTV lenses: studio use, very wide to very long focal lengths. Binoculars: marine, special- and general-purpose color TV optical systems, optical striped filters. Medical: fiberoptics in use with TV, movie, and still cameras.

Personnel: F. Nakajima, T. Sumiya, E. Tadokoro, H. Minshima, K. Nakano, C. Nemoto, D. Bastello.

General Camera Corp.
471 Eleventh Ave., New York, NY 10018

Exhibiting: The latest in "state of the art" motion-picture equipment from Panavision, featuring the Panaflex camera, Panaflex-X, Panaglide, Panahead, Panalight, Panazooms, ultra and super speed lenses. Also 3/8-in color video cameras including the Ikegami HL-77A and RCA TK-76. Both cameras will be shown in conjunction with the Panaglide camera stabilizing system.

Personnel: Dick Di Bona, Milt Keslow, Tony Tamberelli, Scott Fleischer, Ray Emeritz, Mitch Schlansky, Craig Di Bona.

General Electric Co.
Nela Park, Cleveland, Ohio 44112

Exhibiting: Light sources for motion-picture and television production.

Personnel: Ed Trout, Dick Dottermusch, Charles Clark.

General Enterprises, Inc.
10518 Detrick Ave., Kensington, MD 20795

Exhibiting: Steenbeck film editing machines.

Personnel: William A. Engstler, Milton R. Schoch.

Goldberg Brothers — J & R — Ciro
P.O. Box 5345 TA, Denver, CO 80217

Exhibiting: Film reels, cans, cases, editing equipment, Ciro splicers, editorial supplies.

Personnel: Norman Goldberg, Joe Paskal, Jim Frank, Debbie Singer, Chas. Sachs, Barry Green.

Alan Gordon Enterprises, Inc.
1430 Cahuenga Blvd., Hollywood, CA 90028

Exhibiting: MK IV 10-1 director's viewfinder, Swintek wireless "DBS" sound system, MP30 35mm portable projector, NU-AGE portable 4-channel mixer, CSS-1 crystal control cassette recorder, fishpole microphone boom, Zeppelin wind screens and shock mounts, lens mounts and extenders, Mini-Cam 16 camera, NCE animation motor, Gold Top battery belts and packs.

Personnel: Grant Loucks, Ted Lane, Frank Kelly, Bill Swintek.

Grass Valley Group
Station Plaza East, Great Neck, NY 11021

Exhibiting: The 3240 processing amplifier is a modular system consisting of a power supply, color lock, sync generator, and input and output boards, fitting in a single rack-unit frame. Local or remote control gives total control of system operations. Features include six outputs, maintenance of SCH phasing, vertical interval selectivity passed or blanked, outputs black if signal is interrupted. Reduces time-base error.

Personnel: Bob Webb, Don Schlichting, Randy Hall.

GTE Sylvania
100 Endicott St., Danvers, MA 01923

Exhibiting: Incandescent and tungsten halogen lamps for studio and theater lighting.

Personnel: Gary Altman, Jim O'Keefe, Mike Skerry, Tom Leary, Clif Durkee, M. Breckett, E. Kowalski.

Karl Heitz, Inc.
979 Third Ave., New York, NY 10022

Exhibiting: Pathe 16mm and double super 8mm cameras, 15 × 6-90 mm f/1.2 Angenieux zoom lens, 400-ft magazine. Kinoptik 16 and 35mm Apochromats, from 1.9mm f/1.9 up to 100mm f/8, 50mm f/2, 75mm f/2, 100mm f/2, 150mm f/2, 5 macro lenses focusing to 1:1. Gitzo tripods, monopods, counter-balanced heads, levelling ball for fluid heads, dollies, projector stands, microphone poles.

Personnel: Karl Heitz, Laval Fuller, Terry Forrester, Loretta Rosas, Verena Wieland, Leon Berescu, Eddie Leonardi, Dominic Martucci, Auke Venema, Marion Schlapfer.

Hitachi Denshi America, Ltd.
58-25 Brooklyn-Queens Expressway, Woodside, NY 11377

Exhibiting: Self-contained handheld color camera with three 3/8-in Saticon tubes and ABO circuitry for electronic field production. Other broadcast-quality, handheld, 3-Saticon color TV cameras being shown are the SK-80 and FP-1020. Single-tube color cameras featuring 1-in tri-electrode Saticon and 1-in tri-electrode Vidicon will be exhibited. The studio/handheld convertible SK-70 and the FP-1011 studio camera may also be seen.

Personnel: R. N. Blair, J. Breitenbucher, B. Munzelle, K. Yamazaki, E. Saito, N. Ashai.

Hollywood Film Co.
956 Seward St., Hollywood, CA 90038

Exhibiting: Film laboratory equipment and accessories, reels, cans, shipping cases.

Personnel: Harry Teitelbaum, Nick Mastrogiovanni, Ralph D. Whitmore, Jr.

Ikegami Electronics (U.S.A.) Inc.
29-19 39th Ave., Long Island City, NY 11101

Exhibiting: Broadcast studio color television cameras, ENG cameras, EFP cameras, color television monitors.

Personnel: N. Nishi, Y. Sato, T. Arai, M. Russin, A. Jones, H. Schkolnick, S. Yana, L. Wolff.

Image Devices Inc.
1825 NE 149 St., Miami, FL 33181

Exhibiting: IDI Micro Mike, IDI Superstix, IDI ACL-4 underwater housing for the ACL, IDI Superkart, IDI pocket tool kit, IDI Data-Slate I, IDI compact crystal corder, IDI wireless earphone, IDI Superstrap, IDI rentals, sales, service.

Personnel: David Haylock, Bill Reiter, Julia Szigeti, Will Williams, Steve Brinson, Scott Ransom, Annette Larson.

U.S. JVC Corp.
58-75 Queens Midtown Expressway, Maspeth, NY 11378

Exhibiting: Professional, 3/4-in, fully electronic editing color videocassette recorders and remote unit, ENG/EFP/studio color cameras, full line of 1/2-in VHS Vidstar recorders, portable recorder, and color cameras.

Personnel: J. McKeon, C. Shearer, E. Pessara, S. Martin, R. Connelly, B. Gargus, G. Doiron.

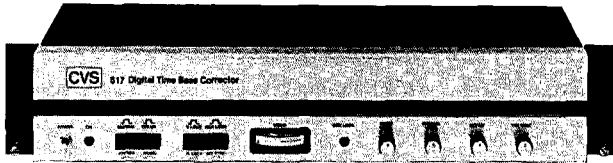
Kliegl Brothers
32-32 48th Ave., Long Island City 11101

Exhibiting: Performance memory lighting control console; Kliegpac 9 portable dimming system with interchangeable 2400- and

Better video—digitally— for any TV standard

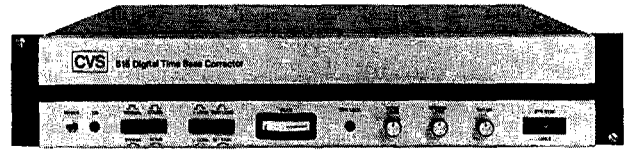
PAL/SECAM

PAL-M



CVS-517 Digital Time Base Corrector

Broadcast quality (SECAM optional), L. Lock and V. Lock. SECAM option also provides PAL/SECAM bi-directional standards conversion. Features: 2h + window, Gen Lock, DOC, Vel Comp, Proc Amp. Options include: SECAM, Image Enhancer/Noise Reducer, 16h window.



CVS-515 Digital Time Base Corrector

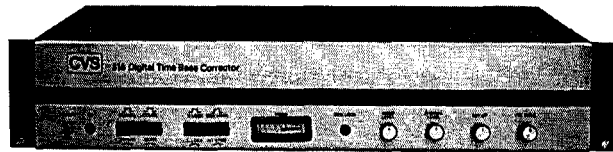
Broadcast quality; has NTSC to PAL-M standards conversion. Features: 2h+ window, Gen Lock, DOC, Vel Comp, and Proc Amp. Image Enhancer/Noise Reducer and 16h window optional.

NTSC



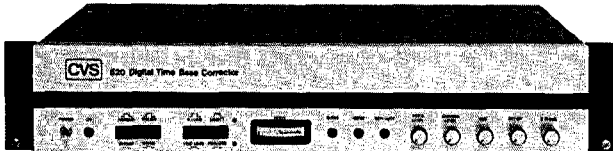
CVS-510 Digital Time Base Corrector

Ideal for CCTV and CATV; monochrome or heterodyne color. Features include: 1h + window, DOC, Proc Amp, Color Interface.



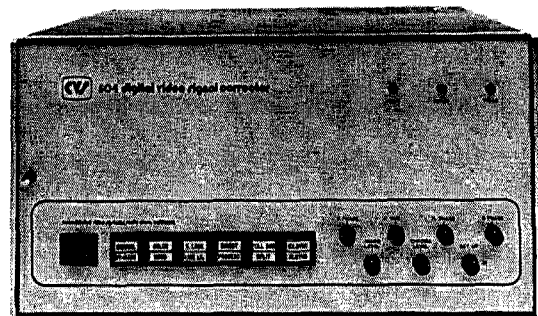
CVS-516 Digital Time Base Corrector

Broadcast quality, specifically designed for heterodyne VTRs. Features: 2h+ window, Gen Lock, DOC, Vel Comp, Proc Amp. Options: Image Enhancer/Noise Reducer, 16h window.



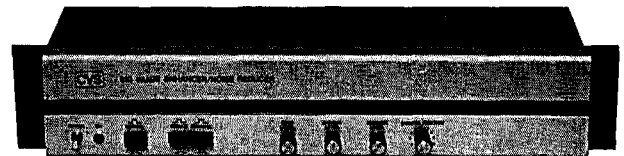
CVS-520 Digital Time Base Corrector

Broadcast quality for every VTR: segmented or nonsegmented. Only TBC with 9 bit 4x subcarrier digital processing. Can update mono quad to color; has DOC, line-by-line Vel Comp and digital outputs.



CVS-504B Digital Time Base Corrector

Broadcast quality, monochrome, direct and heterodyne color, (L. Lock and V. Lock). Includes: 3h window, Gen Lock, Proc Amp. Options: Vel Comp, Heterodyne Phase Corrector.



CVS 310 Image Enhancer/Noise Reducer

Reduces luminance & chroma noise 6 dB; enhances horiz. & vert.; minimizes fine grain noise, moiré & streaking; reduces chroma-to-luminance crosstalk by 20 dB; corrects chroma/luma delay errors.

EPIC™ Computer Aided Editor

A complete, software-based system for on or off-line use with multiple VTRs—from quad and 1" to 3/4" cassette types. With EPIC, functions that, before, required separate, costly hardware—like time code generation—are now in software. As a result, total system cost is reduced while versatility and convenience are increased.

Want to know more about TBCs?

Ask for our free booklet, the "What, Why and When of Time Base Correction."



Consolidated Video Systems, inc.

U.S. Headquarters
1255 E. Arques Avenue
Sunnyvale, California 94086
Phone: (408) 737-2100
Telex: 35-2028

European Office
293 Regent Street
London, W1V2HR England
Phone: 636 3850
Telex: 268316

CVS is making digital technology work for video users worldwide. To keep up to date on our new product developments call or write.

6000-W dimmer banks, 9- and 18-channel 2-scene preset control consoles; 575- and 1250-W HMI units; 1250-W HMI TV booster; CSI PAR head; 2-kW and 4-kW Softlites; TV lighting fixtures.

Personnel: John H. Kliegl, Joel E. Rubin, Mike Connell, Ron Olson, Deborah Butt, Thomas Hays, Wheeler Baird, Dave Stuart, Gordan Pearlman, Emily Johnson.

KLM Associates, Inc.

11810 Charen Lane, Potomac, MD 20854

Exhibiting: Cinemonta horizontal editing tables — 2-plate, 4-plate, 6-plate, and 8-plate models in 16mm and 35mm. We will be introducing a new flickerless optics system in our 16mm and 35mm equipment and a digital counter that has a memory and will count in any combination (ft-frs-min-sec-meters-16 or 35mm & super 8mm). Also on display will be the Mini-Rack by PAG Films Ltd. with four 16mm tracks interlocked with a projector. This unit is used for sound mixing and sound transfers.

Personnel: Desmond McElroy, Martaan Ten Wolde, Bill Kras, Chris Devoogd, Gerry Van Blokland.

Lee Filters Ltd.

Central Way, Walworth Industrial Estate, Andover, Hants, England

Exhibiting: Light filters.

Lenco, Inc., Electronics Div.

300 N. Maryland St., Jackson, MO 63755

Exhibiting: 300 System including video test sets, processors, chroma decoders, pulse and video generation and distribution equipment. Professional high-resolution black and white monitors, video noise meters and, shown for the first time, broadcast-quality waveform monitors and vectorscopes.

Personnel: Dick Lawrence, Bob Henson, Lee Caput, Howard McClure, Arie Landrum, Ken Tiffany.

Lipsner-Smith Corp.

4700 W. Chase Ave., Lincolnwood, IL 60646

Exhibiting: Lipsner-Smith Micro-Perfect ultrasonic film cleaning equipment. Exhibiting new models of the Academy Award-winning CF-2 and the popular CF200. Also showing new Edette high-speed viewer-inspector, automatic film inspection machines.

Personnel: Jerry Lipsner, Eli Smith, Tom Tisch, Ray Short, Howard Bowen.

Listec Television Equipment Corp.

39 Cain Dr., Plainview, NY 11803

Exhibiting: Vinten camera support equipment, Systems Concept character generator, Richmond Sound Design audio console, Digivision monitor prompter, Image Video switcher, BAL video delay lines, Elector time code generator and readers.

Personnel: Jack Littler, Bruce Ballantyne, Joanne Camarda, Linda Laremore.

Lowel-Light Mfg., Inc.

421 W. 54th St., New York, NY 10019

Exhibiting: Complete line of Lowel location lighting and grip equipment. Includes Lowel D and Omni-light focusing spot lights, Tota-light broad light, Softlight 1500, Variflector II focusing reflector, lightweight Link grip system, and related hardware and accessories.

Personnel: Ross Lowell, Marvin Seligman, Art Kramer, Roy Low.

L.T.M. Corp. of America

21200 Nordhoff St., Chatsworth, CA 91311

Exhibiting: A complete line of HMI lights and new models of incandescent lighting equipment ranging from 650-W up to 10-kW.

Personnel: W. H. Mills, Sandra Mills, Herb Breitling, Guy R. Fischer, Jean Galerne, Claude Crevet.

L-W International

6416 Variel Ave., Woodland Hills, CA 91367

Exhibiting: Freeze-Frame, Slo-Mo telecine projectors — 16mm Athena® 4000 and Athena® 5000 for production or broadcast, ideal for direct film-to-tape transfer, editing, training, tapes, shorts.

Personnel: R. H. Lawrence, David M. Stern.

Macbeth Sales Corp.

R.D. #3, Jeanne Dr., Newburgh, NY 12550

Exhibiting: Osram HMI lighting.

Personnel: Wendell Gill, Russell Liddle, Larry Carr, Nancy Crawshaw.

Magnasync/Moviola Corp.

5539 Riverton Ave., N. Hollywood, CA 91601

Exhibiting: 35mm and 16mm flatbed editing tables with Magna-Scope hollow flickerless prisms, unique footage/time digital read-out systems with memory, and other advanced features. Magnetic film insert recording/reproducing equipment with advanced electronic drive and memory systems. Compact dubbing system interlocked with a flatbed editor. Multi-channel mixer.

Personnel: Sam Lane, Ted Diamond, Holmes Ives, Gerry D'Almada.

Magna-Tech Electronic Co., Inc.

630 Ninth Ave., New York, NY 10036

Exhibiting: High-speed magnetic film recorders, reproducers and projector, video interlock equipment.

Personnel: N. T. Prisament, Marc Prisament, Robert Eberenz, George Szigeti.

Marconi Instruments (Div. Marconi Electronics)

100 Stonehurst Ct., Northvale, NJ 07647

Exhibiting: First release of television interval timer TF2920 with automatic measurement of H and V blanking on digital display. Improved specs for VITS analyzer system model 2914A, featuring automatic digital measurement of 21 different VITS parameters including S/N dB, 2T 'K' factor, differential gain, differential phase.

Personnel: Tony Ramsden, Jon Gorbald, Keith Elkins.

Matthews Studio Equipment, Inc.

2405 Empire Ave., Burbank, CA 91504

Exhibiting: Light stands, grip stands, light mounting equipment, lighting accessories, dolly track, camera dollies, overhead sets, and custom backings.

Personnel: Ed Phillips, Carlos DeMattos, Richard A. Haskins.

M.B.I., Inc.

9025 Eton Ave., Suite B, Canoga Park, CA 91304

Exhibiting: Demonstrations of the latest Steenbeck editing equipment in 16mm and 35mm.

Personnel: Garey Lundberg, Robert Kaplan, H. McCall, M. McCall, W. Bass.

Micro Consultants, Inc.

2483 E. Bayshore Rd., Suite 209, Palo Alto, CA 94303

Exhibiting: DTC 300 digital time-base corrector, DFS 1500 digital fieldstore synchronizer, DFS 3100 digital framestore synchronizer, DIC-350 digital image corrector.

Personnel: Gilbert Kesser, Brian Matley, George Grasso, Herb Quilitzsch, Paul Fletcher.

Meet an editor who gets the most out of our new 1" equipment.

Who is he?

Any editor seated in front of a Sony Broadcast BVE-500A Automatic Editing Control Unit.

It's true that our BVH-1000 1" Video Recorder has a handful of very remarkable editing capabilities. That's the big creative advantage of the 1" format. Video editing with a true "film" feeling.

But an editor may have his hands full putting those capabilities to work. Unless, of course, he works with an editing console built to fulfill the creative potential built into our BVH-1000.

And that's the Sony Broadcast BVE-500A.

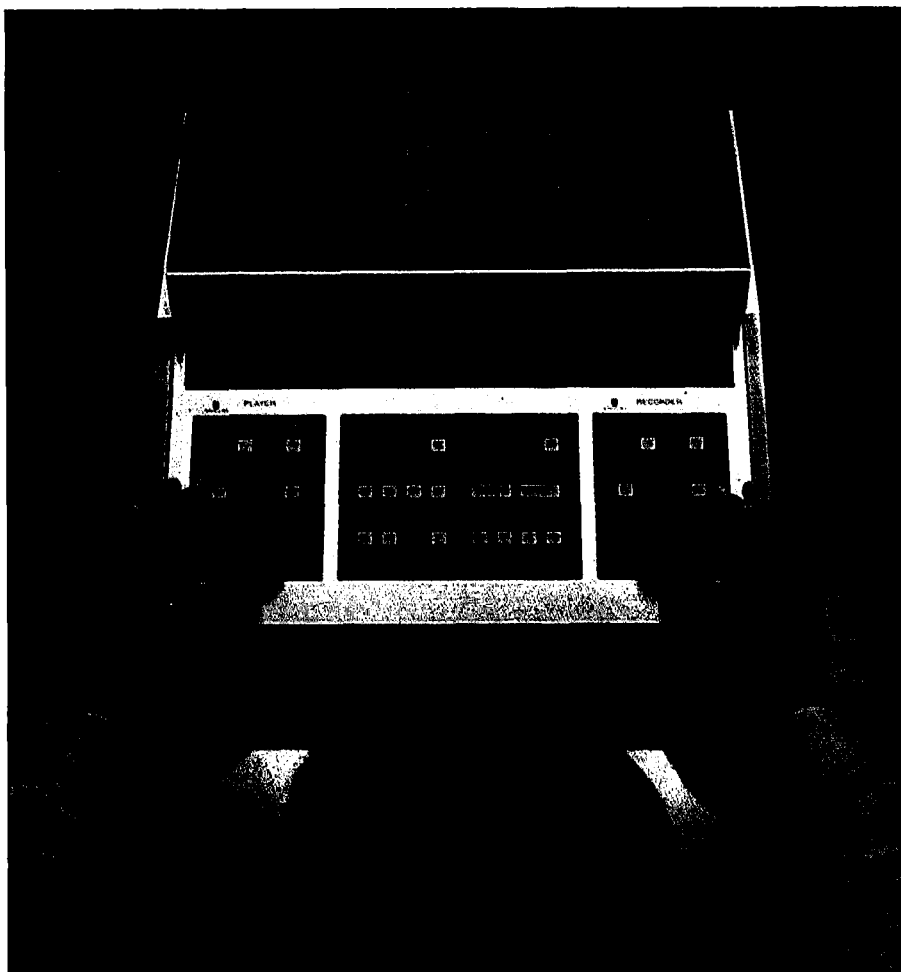
Now wait a minute, you say. Isn't the BVE-500A primarily intended for U-matic editing?

Not at all.

When we designed the BVE-500A, we gave it specific features to make both 1" and U-matic editing faster, easier, and far more accurate. Then we created a unique Editing Interface Adaptor. The IF-1000. Which opens our BVH-1000 to all our BVE-500A advantages.

So the BVE-500A allows automatic control track editing between two BVH-1000 1" recorders. Between two BVU-200A U-matic recorders. Even between a BVH-1000 and a BVU-200A, side by side. It's like having two editing systems for the price of one.

(And a very attractive price it is.)



The BVE-500A performs assemble edits. Edit inserts. Edit preview. And edit review, all automatically.

Each edit point can be shifted by adding or subtracting individual frames.

But here's the best part.

Like our BVH-1000, our BVE-500A has BIDIREX: two self-return search dials that take the place of ordinary pushbutton search controls. With BIDIREX, an editor can search quickly or slowly, in both forward and reverse, without taking his eyes off the monitors. That's the moviola-type editing video editors have been waiting for.

And the BVE-500A also incorporates a new decision-prompting system, with indicator

Sony, U-matic, and BIDIREX are registered trademarks of Sony Corp.

lamps that flash until edit commands are made. Even in a busy newsroom, with many interruptions, an editor can still tell at a glance the status of his last instruction.

One last instruction. Write Sony Broadcast, 9 West 57th Street, New York, N.Y. 10019. Or call us direct. In New York, at (212) 371-5800. In Chicago, at (312) 792-3600. Or in Los Angeles, at (213) 537-4300.

And introduce yourself to more information about the BVE-500A.

It's one professional editor your professional editors will all be very anxious to meet.

SONY BROADCAST



Micro Optics Mechanical ApS

Vandtarnsvej 72, Copenhagen, Denmark 2860

Exhibiting: Viewing table, 6-plate; "Superscope" projector system.

Personnel: Bent Djerberg, Ulla Djerberg, Lis Larsen.

Microtime, Inc.

1280 Blue Hills Ave., Bloomfield, CT 06002

Exhibiting: The 2020 Plus corrects time-base errors and provides image processing to further improve the picture. The 1600 time-base corrector employs charge-coupled device technology and is designed for ENG and EFP applications. The Image Plus reduces luminance and chrominance noise, enhances horizontal and vertical detail, and provides a full output procamp.

Personnel: David E. Acker, Daniel J. Sofie, Richard H. McLean, R. Traude Schieber.

MM Editing Systems, Inc.

230 Park Ave., Room 339, New York, NY 10017

Exhibiting: KEM editing machines, four different models of two distinctive machine lines. All of the tables are 16/35mm, interchangeable and modular. Modules can be plugged in or taken out in a minute. The machines are the Universal, expandable up to 8-plate, shown with two pictures and two sounds; the Junior, 4-plate, shown with one cinemascope picture and one sound, 35mm, modules; the RS Super (Rapid S), 8-plate, shown with a Twin Flickerless; and the RS Super (Rapid S), 6-plate, with one picture (less flicker) and two sounds, 35mm.

Personnel: Michael Mangu, Maria Mangu, Linda Chaplin, Ludwig Schneider, Peter Weibel.

3M Company — Magnetic A/V Prods. Div.

3M Center, Bldg. 223-5N, St. Paul, MN 55101

Exhibiting: Complete line of "Scotch" brand professional recording tapes including "Scotch" 479 master broadcast videotape, "Scotch" magnetic film and accessories, "Scotch" master broadcast videocassettes, "Scotch" standard videocassettes, and "Scotch" bulk and boxed audio recording tape.

Personnel: Frank Gallagher, Jack Watson, Pete VanDventer, Kevin Fitzgerald, Ernie Heisser, Don Anderson, Gordon Schutte, Joe Leon, Jerry Bauman, Norm Ritter.

Mole-Richardson Co.

937 N. Sycamore Ave., Hollywood, CA 90038

Exhibiting: Four new HMI Mole-Solar-Arc spots, 4000-W, 2500-W, 1200-W and 575-W. Also the HMI Solar Arc line of 575-W, 1200-W, 2500-W and 4000-W. A new 30-V Battery Pack and Quick Charger, and the new 2000-W Molite kit. The Molequartz Baby Solarspot family of fixtures 1000-, 2000-, 5000- and 10,000-W. Many more of the Molequartz fixtures, lighting kits, grip equipment, hangers and adapters will also be on display.

Personnel: Howard R. Bell, Daniel Aron.

Motion Picture Enterprises, Inc.

Box 276, Tarrytown, NY 10463

Exhibiting: Motion-picture equipment and supplies, metal and plastic reels and cans, fiber and plastic shipping cases, editing supplies. Publishers of the *Motion Picture, TV & Theatre Directory* and *Wall Chart* and the *Audio Visual Source Directory*.

Personnel: Herbert R. Pilzer, John B. Low, William Vick.

Multi-Track Magnetics, Inc.

508 Livingston St., Norwood, NJ 07648

Exhibiting: High-speed holoscope projector with dc servo motor drive and xenon light source, model PH-16/DCS/XE. 16/35mm combination recorder/reproducer with high-speed dc servo motor drive, model R 106UV/DCS, and high-speed AVEX mixing system.

Personnel: Stephen Talian, Nancy C. Salvatore, Tom Sokira.

Nagra Magnetic Recorders Inc.

19 W. 44th St., New York, NY 10036

Exhibiting: Tape recorders. Nagra 4.2L, Nagra SNN, Nagra stereo tape recorders.

Personnel: Dom Notto, Tom Daniel, Archie Clarke.

Neilson Hordell Ltd.

Central Trading Estate, Stains, Middlesex TW18 4UU, England

Exhibiting: Motion-picture and special-effects cameras, rewinders, animation stands, optical printers, etc.

Neumade Products Corp.

720 White Plains Rd., Scarsdale, NY 10583

Exhibiting: The new Neutaper film splicer using non-perforated splicing tape; the new Neuvator II automatic film cleaning machine; a complete line of film-handling and editing equipment; Fiesta film leader; AV storage racks and files for films, slides, filmstrips, audiotape (reels and cassettes), disc records (1-in, 2-in, 1/2-in), and 3/4-in videotape and videocassettes.

Personnel: Ron Jones, Lee Jones, Warren Clements, Bob Hempel, Lew Grofsik, Joann Matronardi, Eileen Patrick, Carol Sarnelli.

Norton Associates, Inc.

10 Di Tomas Ct., Copiague, NY 11726

Exhibiting: Norton magnetic heads and amplifiers for professional motion-picture and studio recorders.

Personnel: R. Norton, B. Viole, R. Doutney, R. Auteri, M. Willemen, H. Norton, M. Viole, E. Costello, V. Scarpinato.

N.T.I. America, Inc.

1680 N. Vine St., Los Angeles, CA 90028

Exhibiting: Digital signal generators.

Personnel: T. Mikado, Robert I. Okazaki, George H. Nakaki.

Nurad, Inc.

2165 Druid Park Dr., Baltimore, MD 21211

Exhibiting: Antenna systems and products for electronic news-gathering/electronic journalism systems, including Quad, Superquad™, and Goldenrod™ antennas. Exhibited for the first time will be the new Quadrod™ 7-GHz low-windload transmit antenna, the Slimline antenna to accompany the new ultra-miniature transmitters and receivers, and a new hemispherical antenna for helicopter or other airborne systems.

Personnel: Gordon Neuberth, Vince Rocco, Les Lear.

O'Connor Engineering Laboratories

100 Kalmus Dr., Costa Mesa, CA 92626

Exhibiting: Motion-picture and video camera support equipment featuring the Academy Award-winning O'Connor fluid heads. Pan and tilt heads on display are the models "C", 20, 30, 50-D, 100-C, 102-B and 150, all designed for smooth fluid control for the various popular cameras. Also shown are the Claw Ball and Super Claw Ball tripods with new self-lubricating teak legs. For the ultimate in camera supports, see the highly versatile Hydro-Ped.

Personnel: K. Ferrell Forehand, Chadwell O'Connor, Regina O'Connor, Robert Low.

Pace International Corp.

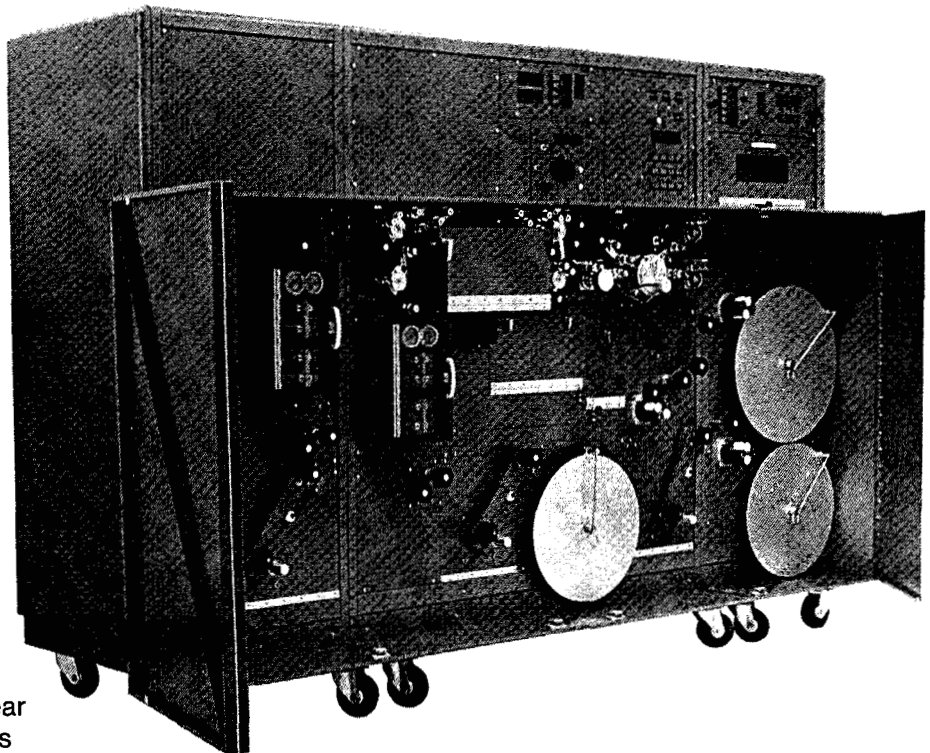
P.O. Box 1668, Hollywood, CA 90028

Exhibiting: Pace water recycling system. This new laboratory-tested system purifies photographic laboratory wash waters using ion exchange technology. It reduces pollution, conserves water, and saves energy.

Personnel: John Hewitt, Robert Kreiman, Shirley Kreiman.

Wetprinting + Peterson

Combine the latest in film printing technology with the industry's outstanding designer and manufacturer of quality equipment and this is what you get:



- Full Immersion
Wetprinting of picture negative and raw stock
- Reduction of "white spots" that are caused by negative dirt and dust
- Negative scratches disappear
- Produces clean, sharp prints
- Aperture on top . . . same as standard panel printers
- Automatic or manual light valves
- Uni-directional film travel
- Panel Printer format
- Frame Count Cuing
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Peterson International Ltd. Subsidiary of Peterson Enterprises, Inc.

SUSTAINING
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MEMBER

Pako Corp.

6300 Olson Memorial Highway, Minneapolis, MN 55440

Exhibiting: 529529 series cine film processor (RVNF process) for video news film at a rate of 23 ft/min.

Personnel: James Geiszler, Len Dery, Clare Miller.

The Perf-Fix Co.

P.O. Box 3524, Santa Monica, CA 90403

Exhibiting: The Perf-Fix film perforation repair system is a precision-engineered combination of machine and repair tape which quickly and easily repairs any length of perforation damage and protects prints from future damage. For use on 16mm, 35mm film and filmstrips.

Personnel: Diane Stanfield, Shirley Travers.

Peterson Enterprises, Inc.

1840 Pickwick Ave., Glenview, IL 60025

Exhibiting: The all new Peterson full immersion wet printer. It is a uni-directional continuous contact panel printer with automatic or manual light valves. Available with or without sound-head and fader. Also showing the Peterson frame count cueing system and electronic frame counter, plus other printer-related accessories.

Personnel: Walter Peterson, Bruce Peterson, Chuck Zichterman, Willy Pfeifer, Bill Bachman.

Philips Broadcast Equipment Corp.

91 McKee Dr., Mahwah, NJ 07430

Exhibiting: New LDK-14, ENG/EFP/studio camera; LDK-11, portable field production and compact studio camera; solid-state exciter modulator.

Personnel: W. Amos, L. Hunt, A. Keil, R. Leach, J. Nigro.

Philips Test and Measuring Instruments Inc.

85 McKee Dr., Mahwah, NJ 07430

Exhibiting: Modulators, demodulators, VITS, analyzers, signal generators, etc.

Personnel: Stuart Raven, John Kewiet.

Photomec (London) Ltd.

Valley Road Industrial Estate, Porters Wood, St. Albans, Herts., England

Exhibiting: Film processing machines.

Plastic Reel Corp. of America

640 S. Commercial Ave., Carlstadt, NJ 07072

Exhibiting: Post-production supplies and equipment: reels, cans, cases, cores, rollers, bearings, bushings, editing supplies, storage systems (8mm, 5/8-in, 16mm and 35mm), audio and video tape reels, leader.

Personnel: Bob Miller, Pat Baccarella, Vince Carabello, Stan Cohen, Vince Passarelli, Keith Leenig, Ray Fincke.

Racal Zonal Ltd.

21 Market Pl., Workingham, Berks., England

Exhibiting: MSR film, professional audiotapes, etc.

Rangertone Research Inc.

509 Madison Ave., New York, NY 10022

RCA, Broadcast Systems

Bldg. 2-2, Front and Cooper Sts., Camden, NJ 08102

Exhibiting: The new, fully automatic TK-47 television camera. With the touch of a single button, the microprocessor-controlled system will automatically adjust registration, shading, level set, gamma tracking, electronic focus and beam alignment. The re-

sult is uncompromised picture quality.

Personnel: J. A. Gimbel, J. F. Morse, D. Freeman.

Recortec, Inc.

777 Palomar Ave., Sunnyvale, CA 94086

Exhibiting: Videotape recorders, tape cleaners and evaluators.

Personnel: Sid McCollum, Ron Troxell, David Chang, William Yasueda, Lester Lee, Edward Bloom, Tony Keng.

Research Technology Inc.

4700 W. Chase Ave., Lincolnwood, IL 60646

Exhibiting: RTI film equipment, including: TV-120 film editing, inspection, previewing machines; Omega film inspection machine; Edette previewer. Also exhibiting Retec film-handling supplies and materials.

Personnel: Tom Boyle, Larry Beilin, Ray Short, Howard Bowen.

Rosco Laboratories, Inc.

36 Bush Ave., Port Chester, NY 10573

Exhibiting: Complete line of light control and full range of heat-stable color media.

Personnel: Stan Miller, Ned Bowman, Roger Zobel, Mike Nienhenke.

Samcine Sales Ltd.

303/315 Cricklewood, Broadway, London NW2 6PQ, England

Exhibiting: Ronford/Baker equipment.

Sennheiser Electronic Corp. (NY)

10 W. 37th St., New York, NY 10018

Exhibiting: Professional microphones and their accessories for film soundtrack recording. Monitoring headphones. Sound effect Vocoder. Demonstration of infrared light communication.

Personnel: Horst Ankermann, Cornelis Hofman.

Sony Corp. of America

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

Exhibiting: Helical VTRs in 3/4-in and 1-in formats, studio and portable models. Broadcast color cameras, monitors, accessories and broadcast audio products.

Personnel: Arnold Taylor, Ed Sherry, Charles Felder, Jack Kelly, I. Segawa, L. Nanassy, C. Severo.

Soremec-Eclair U.S.A., Inc.

905 N. Cole Ave., Hollywood, CA 90038

Exhibiting: A full line of Eclair cameras including ACL with LED and 400-ft magazine, ACL single system, NPR, NPR and ACL time-coding cameras, lenses and accessories.

Personnel: Sam Getzoff, Regis Laderriere, Eric Falkenberg.

Spin Physics, Inc.

(a member of the Eastman Kodak family)

11633 Sorrento Valley Rd., San Diego, CA 92121

Exhibiting: Hot-pressed ferrite video head refurbishing service for Ampex Marx X, Ampex Mark XV, and RCA high-band VTRs.

Personnel: J. C. Crosby, W. W. Heywood, G. Long, F. Watson, C. May, K. White, B. Everett, K. Harrell, R. Kundrot.

Stellavox/Mericka Audio

141 W. 41st St., New York, NY 10036

Exhibiting: Stellavox SP 8, the world's only modular portable mono-stereo tape recorder. Stellavox AMI 48, self-contained

Only Cinema Products can satisfy all your TV-news gathering equipment needs.



CP-16R/A



MNC-71CP

Film as well as video!

Nobody knows TV-news gathering equipment requirements like we do.

Our extraordinary responsiveness to the needs of the working TV-newscameraman in the field has made "CP-16" practically a generic term for newsfilm/documentary cameras... and the standard of the industry!

And we have a track record for reliability and service that is unmatched by any other camera manufacturer/distributor in the TV-news gathering industry.

Film and video "under one roof"

What's more, we are the only ones who have available for you, *under one roof*, the finest film and video newsgathering equipment and accessories: our own CP-16 line of newsfilm/documentary cameras... as well as the most advanced ENG/EFP camera of its class — the all-new MNC-71CP, manufactured exclusively for us by NEC (Japan's largest manufacturer of broadcast equipment).



On a recent visit to the U.S., Sadayuki Ikeda (right), Supervisor of NEC's Video Development Dept., Broadcast Equipment Division, and Cinema Products' Chief Engineer Robert Auguste exchange views on ENG/EFP practices and equipment requirements.

Ideally suited for American television industry needs, the MNC-71CP incorporates many design features based on CP inputs gathered from our extensive experience in the TV-news/documentary field. The MNC-71CP is so rugged and reliable, it is covered by the standard Cinema Products full one-year warranty (unprecedented in the broadcast industry!).

We also offer accessory equipment such as lenses, VTR's, portable video set-up units, including a unique portable 16mm film-to-tape transfer system (the new KM-16).

Complete package deals

Be sure to call on us as you analyze your equipment needs. We can help you upgrade your news gathering operation with a complete video and/or newsfilm package deal — including special lease/purchase plans and a trade-in allowance for your obsolescent 16mm cameras — a package deal specifically tailored to meet your particular requirements and give you the competitive edge you need in your market.

For further information, please contact:



At the recent NAB Conference, Ed DiGiulio (right), President of Cinema Products Corp., and R. Dennis Fraser, Vice President and General Manager, Broadcast Equipment Division, NEC America, Inc., display the Oscar and Emmy awards won by their companies for their respective "state of the art" contributions to the motion picture and television industries.

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Telephone: (213) 478-0711 ■ Telex: 69-1339 ■ Cable: Cinedevco

5-channel portable mixer with plug-in FET limiters for each channel.

Personnel: Larry J. Mericka, Jean-Pierre Gurtner, Hans J. Kuyper.

Strand Century, Inc.

20 Bushes Lane, Elmwood Park, NJ 07407

Exhibiting: Complete HMI product range, Baky Fresnel line — Micro Q, Multi Q control equipment, portable lighting equipment.

Personnel: Ed Gallagher, Keith Gillam, Bill Liento, Wally Russell, Frank Marsico, Betty Schneider, Mario DeSisti, Giovanni Ianiro.

Tektronix, Inc.

40 Gill Lane, Woodbridge, NJ 07095

Exhibiting: Electronic test, measurement and control instrumentation for audio, video and general-purpose applications. New Answer model 1980 programmable automatic television measurement system for NTC-7, FCC distortion and timing measurements. New 650HR high-resolution color monitor. New 1450 transparent RF television demodulator. New TSC-6 multi-burst and sweep generator module (1410 series).

Personnel: A. Basso, J. Cudlipp, L. Kaplan, S. Kerman.

Tele-Cine, Inc.

5434 Merrick Rd., Massapequa, NY 11758

Exhibiting: Schneider TV lenses, studio lenses, ENG lenses, EFP lenses, big-lens adaptor for smaller cameras, lens accessories, filters, lens drive systems.

Personnel: Bob Jones, Craig Marcin, Don Collins.

TeleMation Div. of Bell and Howell

P.O. Box 15068, Salt Lake City, UT 84115

Exhibiting: TDF-1 digital noise filter, Compositor TM graphics system.

Personnel: W. Paul Warnock, George G. Elsaesser, Donald E. Rhodes, Dennis L. Shelton, Donald R. Reynolds, George W. Crowther, Alan E. Schoenberg, David J. Quebbeman.

Telescript, Inc.

20 Insley St., Demarest, NJ 07627

Exhibiting: Monitor prompting system (MPS) featuring the

lever principle which mounts beautifully with 5-lb to 150-lb TV, film and EFG cameras. Telescript's system can be transported by one person and can be set up in 10 minutes. Scripts are typed on a standard office typewriter.

Personnel: Bob Swanson, George Parodi, John Lennan, Blair Julich, Jerry Swanson, Kay Hyde.

Television Equipment Associates

Box 260, South Salem, NY 10590

Exhibiting: The Elcon Magnetek tape cleaner/evaluator 2000 series cleans and profiles both 2-in and 1-in videotape on the same transport. Cleaning reduces temporary dropout up to 90% and a 3-pen profile identifies edge damage or video dropout at a glance. The Matthey automatic video equalizer automatically compensates for ten viewer-visible parameters. Matthey video pulse delays and video filters. Amplivox headsets for intercom and sportscaster applications.

Personnel: Bill Pegler, Bill Walters.

Thomson-CSF Laboratories

37 Brownhouse Rd., Stamford, CT 06902

Exhibiting: The Microcam,[®] lightweight portable color TV camera. Featured with the Microcam will be the new, ultra-miniature 2-GHz microwave system. The digital noise reducer will also be demonstrated.

Personnel: John Camarda, Lang Cook, Mike Davis, Jack Dawson, Bob Estony, Joe Ewansky, Jack Fackler, Steve Krenik, Ren McMann.

Twenty-Fourth Frame

P.O. Box 2167, 593 Depot St. N.E., Christiansburg, VA 24073

Exhibiting: 35mm flatbed editing machine manufactured by Twenty-Fourth Frame, 2 picture, 3 sound. Pitch correction system will be featured.

Personnel: Ike Jeanes, Richard Armstrong.

Vital Industries, Inc.

3700 NE 53rd Ave., Gainesville, FL 32601

Exhibiting: Video switching, Squeezoom and PSAS. New era in production switching where microprocessor software marries video switching with Squeezoom-type optical effects.

Personnel: Bob McAll, Gordon Peters, Eric King, Barry Holland, Morrell Beavers.