

**THURSDAY/FRIDAY — April 12/13**

**SYMPOSIUM: VIDEO CARTRIDGE, CASSETTE AND DISC PLAYER SYSTEMS — PACKAGED PROGRAMING**

Time-Base Correction Systems for Videocassette Players  
Robert Paulson, *Television Microtime, Bloomfield Hills, Conn.*

A Continuous-Motion Film Videoplayer Using Super-8 Film  
David L. Babcock, William A. Martin and Lenard M. Metzger, *Eastman Kodak Co., Rochester, N.Y.*

A Remote-Control System to Support a Videocassette Network for Continuing Education  
John Suchy, *Battelle Memorial Institute, Columbus, Oh.*

The Videocassette Package: In-Depth Information  
James Lieberman, *Videorecord Corp. of America, Westport, Conn.*

A One-Inch Video Cartridge Recorder Designed for Professional CCTV and CATV  
Keith Y. Reynolds, *International Video Corporation, Sunnyvale, Ca.*

Video Publishing/Hardware Marketplace  
Elliot Minsker, *Knowledge Industries Publications, Inc., White Plains, N.Y.*

Use of Cassette Videotape at New Trier Township  
Jack Spatafore, *The Washburn School, Winnetka, Ill.*

A Time-Compression Multiplex System for Color Telephone Analog Transmission  
Michael Borsuk and Paul N. Browne, *Bell Telephone Laboratories, Inc., Holmdel, N.J.*

## Exhibit Directory

### Exhibit Hours

**Monday, Apr. 9** ..... 5:00–8:00  
**Tuesday, Apr. 10** ..... 11:00–8:00  
**Wednesday, Apr. 11** ..... 9:30–4:00  
**Thursday, Apr. 12** ..... 11:00–6:00

*Admission to the Exhibit will be by Registration Badge or Exhibit Pass. Passes may be purchased for \$2.50 each at the Registration Desk.*

**Angenieux Corp. of America** Booth 23  
440 Merrick Rd., Oceanside, L.I., NY 11572

*Exhibiting:* The 9.5–57mm, *f*/1.6 zoom lens (close focusing to 24 in. from focal plane with full zoom capability) will be exhibited on an array of new shoulder-held cameras. The short V30, 1-in and orientable viewfinders will be featured. An advanced automatic iris system incorporated in the standard 12–120mm, *f*/2.2 zoom lens will also be displayed.

*Personnel:* Bern Levy, Paul Foote, Walter David, Bob Jagemann

**Arriflex Co. of America** Booths 21, 22  
25-30 Bklyn-Queens Expy. W., Woodside, NY 11377

*Exhibiting:* Complete line of Arriflex motion-picture cameras including new Arriflex 35 BL. Full complement of accessories, lenses, motors, etc. Also shown, Arrivox–Tandberg sync sound recorder and Sonorex Interlock 16/16 projector.

*Personnel:* Volker W. Bahnemann, Bruce E. Harris, Sheldon Glickman, George Thompson

**Bell & Howell Co.** Booths 41, 42, 43  
7100 McCormick Road, Chicago, IL 60645

*Exhibiting:* Bell & Howell high-speed panel printer; Bell & Howell super-8 continuous optical reduction printer with frame count cuing system; Bell & Howell magnetic sound transfer console; Bell & Howell/Seiki high-speed step optical printer with wet-printing system; motion-picture laboratory accessories.

*Personnel:* Al Cims, George Darrell, Jerry Debish, John Ehrenberg, Fred Gonzalez, George Knapp, Al Meiche, Dennis Robertson, Harry Wiant

**Berkey Colortran, Inc.** Booths 50, 51  
1015 Chestnut St., Burbank, CA 91502

*Exhibiting:* Fresnel fixture line; Dimmer Packs 2.4K & 3.6K; Mini Softlite; Mini Pan 20; Pro Kit IV; New Follow Spot.

*Personnel:* Marion M. Rimmer, Jan Clayton, Joseph N. Tawil, Walt Brewer, Phil Stidham, Gene Murphy, Ed Gallagher, Paul Roscorla

**Canon, U.S.A., Inc.** Booth 38  
10 Nevada Dr., Lake Success, NY 11040

**Carter Equipment Co., Inc./Optical Radiation Corp.** Booth 35  
232 So. Glasgow Avenue, Inglewood, CA 90301

*Exhibiting:* Utilizing ORC's novel Xenographic slide projection system, Carter Equipment Co., Inc. will present a slide display of the products manufactured by their firm. Highlighted will be the custom modification services afforded by Carter Equipment Co., Inc., and the sophisticated electronic hardware made available through their affiliate, Ramtronics. Additional products in the booth will be an Academy Award Winning ORC Xenon lamphouse (Model 1000) which features an integral lamphouse and power supply, and several new electronic accessories manufactured by Carter Equipment Co., Inc. for professional motion-picture film laboratories.

*Personnel:* W. D. Carter, Dan Miller, John Currie, Ron Offerman

**Century Strand, Inc.** Booth 31  
3411 W.E1 Segundo Blvd., Hawthorne, CA 90250

*Exhibiting:* Ianiro studio and location equipment including 650-W fiberglass heads and a new fay light. Also, studio fresnels from 1,000 to 10,000-W. In addition, a complete line of portable kits and grip accessories.

*Personnel:* Larry Nelson, Terry O'Connell

**Cinecraft International** Booth 47  
11 Caesar Place, Moonachie, NJ 07074

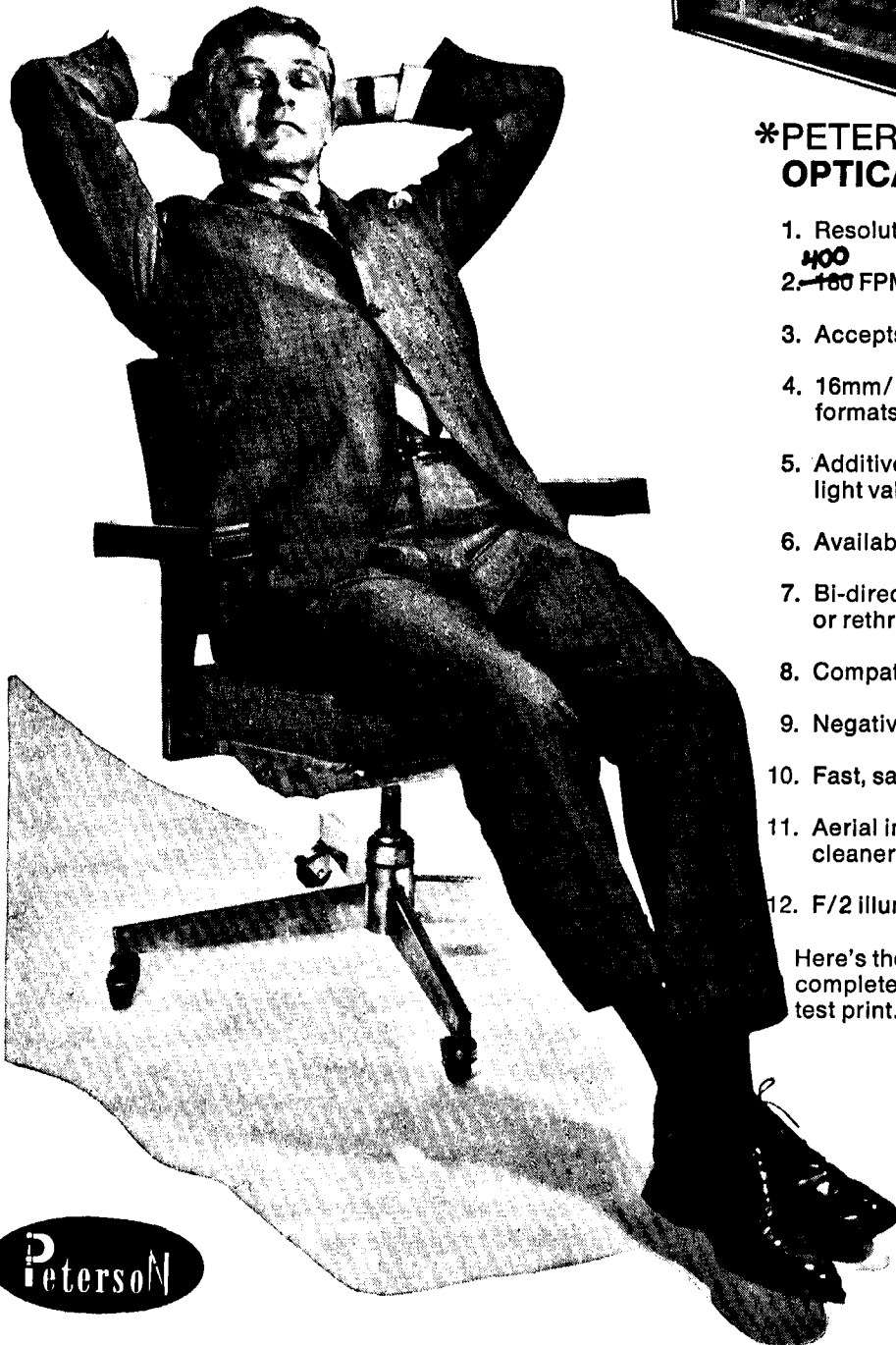
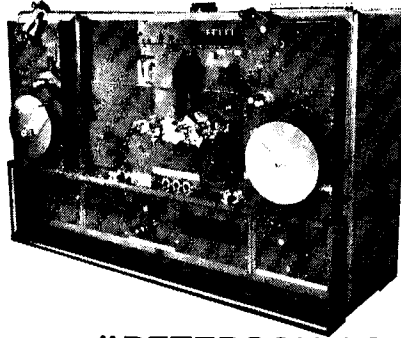
*Exhibiting:* Motion-picture printers; Low cost animation stand; Prevost portable editing table; Lisand mike boom; Lisand shoulder braces.

*Personnel:* Dom Capano, Bill Allen

**Cinema Products Corp.** Booths 15, 16  
2044 Cotner Ave., Los Angeles, CA 90025

*Exhibiting:* The new CP-16 and CP-16A extremely lightweight, ultra silent camera systems featuring optional accessories: 24 and 36 frame/s with selector switch; built-in Crystasound recording system; pocket-size test oscillator for adjusting bias in the field; Sennheiser condenser mike pre-amp; front-mounted meter. New CRA-6 crystal motor for ARRI 35 with 24 or 25 frame/s on selector switch; BNC "Hard Front" for Arri 35 cameras; new lightweight C.P. Silent Reflex 35mm Studio Camera; crystal-controlled motors for BNC/NC, S35R Mark 11; Arri 16BL crystal motor controller; Joystick zoom controls for all 16mm and 35mm cameras and lenses; new series of Canon high-speed aspheric prime lenses; Canon K 35, 25–120

**COR\***, the <sup>higher</sup> ~~high~~ speed, high resolution Super 8 printer with over 28 other **PEACE-OF-MIND** features!



**\*PETERSON CONTINUOUS OPTICAL REDUCTION PRINTER**

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8. Compatible with existing negatives and tapes
9. Negatives and rawstock on front of printer
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12. F/2 illumination system.

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Macrozoom lens for 35mm cameras with focusing capability to within 2 in of the front element of the lens.

*Personnel:* Ed DiGiulio, Abbott Sydney, Peter Waldeck

**Communication Arts, Inc. Booth 37**  
Box 478, Bernardsville, NJ 07924

*Exhibiting:* Introducing Universal Crystal Film Calculator, everything you need to know about time and footage: 16mm and 35mm, back and forth, up and down, with memory, from as far away as 60 ft, at the touch of a button; usable alone or with Steenbecks, Moviolas, Projectors, Interlock Systems, TV consoles; totally silent, large, bright digital readouts, portable, remote control; useful also for TV or Film studio production timing. Super silent camera motors for Mitchell BNC, Eclair NPR and ACL, Auricon conversions; Universal Crystal Sync Motor Control, worldwide proven, cordless, accurate unit interchangeable with all motion-picture cameras. New plug-in transister drive for using Crystal Motor Control with Mitchell S35R 24-V dc motor.

*Personnel:* Grove Hafela, Blandine Hafela, Courtney Hafela

**Victor Duncan, Inc. Booths 25, 26, 27, 28**  
11043 Gratiot, Detroit, Michigan 48213

*Exhibiting:* Helivision helicopter camera mount. The full line of Ronford fluid heads and metal tripod legs. The new Guillotine double-wrap FR tape splicer. The Anton Bauer Battery System. An exhibit of a precision lens check-out.

*Personnel:* Victor Duncan, A.S.C., Lee A. Duncan, Norman L. Bleicher, Ray Hautala, Ginny Hart, Ron Ford, Joe Sibone, Robert C. Burrell, Sam Irwin, Frank Marasco, Heti B. Lloyd, Virginia Knight

**Eastman Kodak Co. Booths 19, 20**  
343 State St., Rochester, NY 14650

**Eclair Corp. of America Booths 1, 2**  
62 West 45 St., New York, NY 10036

*Exhibiting:* ACL Super 16; ACL Standard 16 with 400 ft magazine; NPR Super 16; Zeiss 10 x 100 in CA-1 Mount; selection of Angenieux and Kinoptik lenses; various motors and accessories; CM3 on monorail dolly.

*Personnel:* Leo Lukowsky, Eric Falkenberg, Wally Pohring, Sam Getzoff

**General Electric Company Booth 44**  
Nela Park, Cleveland, Ohio 44112

*Exhibiting:* Complete line of Quartzline® lamps for motion-picture and television production, including new 1500-W and 2000-W "Scoop Lamps."

*Personnel:* B. R. Boylan, C. N. Clark

**General Enterprises, Inc. Booth 13**  
10518 Detrick Ave., Kensington, MD 20795

*Exhibiting:* Steenbeck editing tables; the all new 8-plate two-picture 16mm Model ST 928, which offers quick, simple threading, revolving optical compensator, two 8 x 10 brilliant pictures side by side, extremely quiet operation, excellent sound reproduction, three synchronizing points, sync adjustment during film motion, high-speed switching, accurate brake on one frame and modular construction of sound and drive system; The Kinax Cue Marker II a fully automated cue patch system for motion-picture printing and TV projection equipment having RF sensing devices; A foil marking system that really works.

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

**Hazeltine Corp. Booths 39, 40**  
Cuba Hill Rd., Greenlawn, NY 11740

*Exhibiting:* A solid-state color film analyzer and accessory items.

*Personnel:* A. Arbeeny

**Hervic Corp./Cinema Beaulieu Booth 24**  
14225 Ventura Blvd., Sherman Oaks, CA 91403

*Exhibiting:* Beaulieu 16mm and super-8 motion-picture cameras; the Beaulieu "News 16" professional single/double system 16mm sound camera; Stellavox professional tape recorders; Minette super-8 and 16mm viewer editors; Hervic Zeus and Hervic Zenith projection screens; Heurtier dual 8 and super-8 stereo sound projectors; the Heurtier "Xenon" stereo sound super-8 projector; and the Uher 1200 sync tape recorder.

*Personnel:* Maurice G. Wolfe, Otto Herskovic, Cary Clayton, Richard Preiss

**Hollywood Film Co. Booth 18**  
956 Seward St., Hollywood, CA 90038

*Exhibiting:* Keyboard, punch, verifier and hard-copy readout. Cross-modulation tester. Notch or RFQ detector.

*Personnel:* Harry Teitelbaum, Warren Strang, Ralph D. Whitmore

**Image Devices Inc. Booths 45, 46**  
811 N.W. 111 St., Miami, FL 33168

*Exhibiting:* Jensen Electronics crystal sync products for Arri S, BL, Eclair NPR, recorders; Vega radio mike systems; Continental mount for helicopters; Crysta-check, camera crystal speed verifier.

*Personnel:* David Haylock, Will Williams, Tom Loughney

**Javelin Div. — Apollo Lasers, Inc. Booth 49**  
6357 Arizona Circle, Los Angeles, CA 90045

*Exhibiting:* Model 221 Night Viewing Device; Model 222 Night Viewing Device; special accessories and adaptors. Javelin will be featuring night viewing devices that can be attached to almost every type of television, movie and SLR camera for night photography. These light amplification type viewers can be used to look through like binoculars, and see with as little as starlight illumination levels. They can be coupled to the cameras with a special relay lens. Javelin will display both first and second generation viewers. The second generation unit is the world's smallest night viewer presently available. Both units permit photography at night that was previously impossible.

*Personnel:* Donald T. Heckel, Lew Forrest

**KEM Electronic Mechanic Corp. Booths 53, 54**  
225 Park Ave. So., New York, NY 10003

*Exhibiting:* The KEM universal 6/8-plate editing table, a complete, truly modular system for 16mm and 35mm, multi-picture and multi-track transport; the KEM junior 4-plate editing table, a highly portable, low cost table using the same modules as the rest of the KEM system; the KEM junior 2-plate film study table, for use with any KEM picture and composite sound modules. Modules: Picture modules: super 8, 16mm, super 16, 35mm, 35mm full aperture, Panavision format, Techniscope format. Sound modules: super 8, 16mm edge track, 16mm central track, 16mm center/edge track/stereo, 35mm, 35mm 3-track, 35mm 4-track. Composite sound modules: 16mm optical/magnetic, 35mm optical. The KEM recording module.

*Personnel:* Ulrich M. Fritzier, Robert Rowen, Jutta Fader, Victor Thompson

**Lowel-Light Photo Engineering Booth 34**  
421 W. 54th St., New York, NY 10019

*Exhibiting:* Lowel Tota-System™, Lowel-Softlight, Quartz "D" + "R" System, Variflector II™, Link System, Lowel-Light™.

*Personnel:* Marv Seligman

**Mitchell Camera Corp. Booth 52**  
666 W. Harvard St., Glendale, CA 91204

**Mole-Richardson Co. Booths 55, 56**  
937 N. Sycamore Ave., Hollywood, CA 90038

*Exhibiting:* 2000-W Molequartz Molelipso pattern light; Focus-

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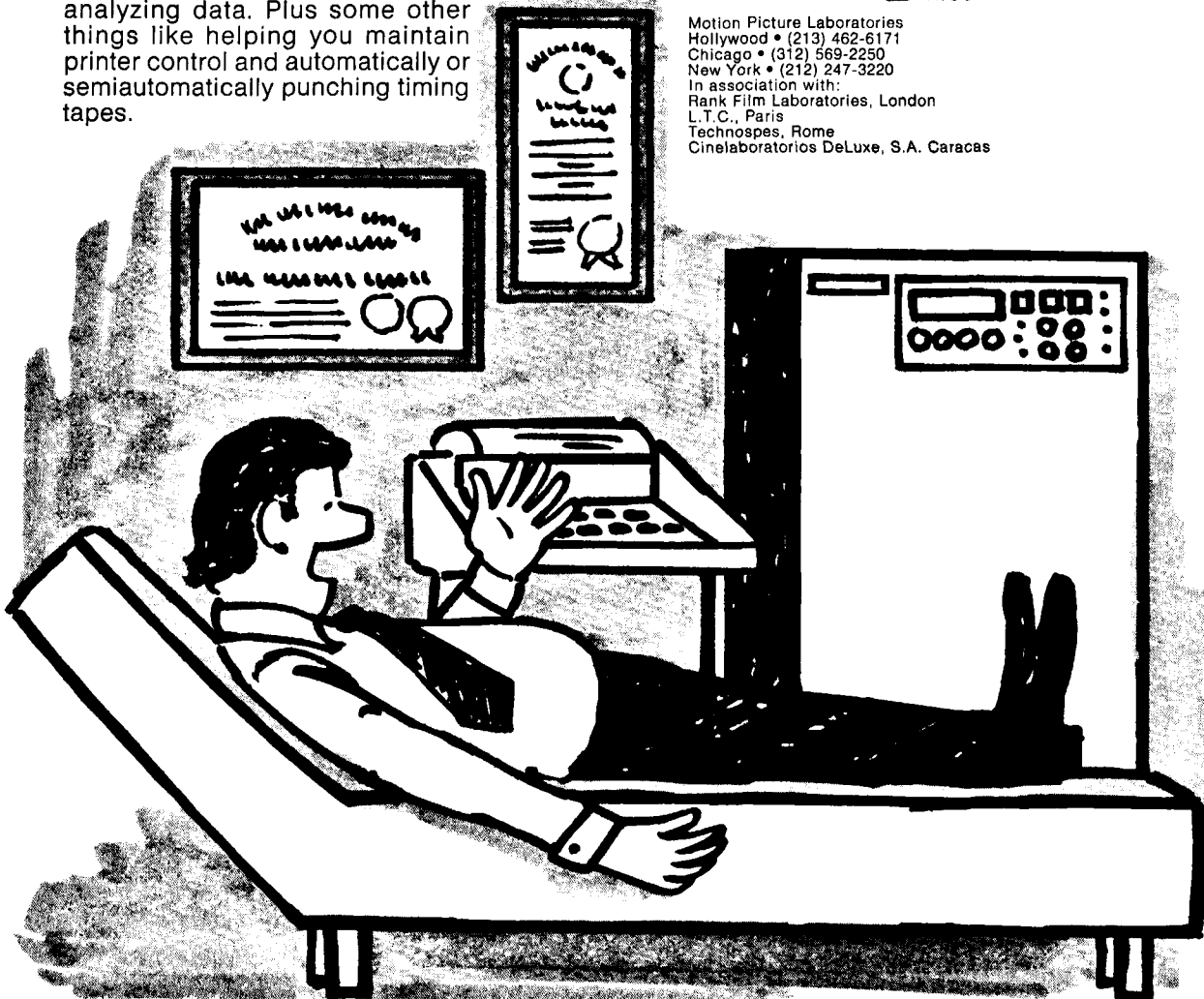
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ing Quartz family: 650-W Teenie Mole, 1000-W Mickey Mole, 2000-W Mighty Mole; Quartz Solarspot family: 1000-W Baby Baby, 2000-W Baby Junior, 5000-W Baby Senior, 10,000-W Baby Tener, 200-W Midget Solarspot, 2000-W Junior Solarspot, 1000-W Baby Solarspot, 2000-W Junior Solarspot; Molefay family: 650-W One-Light, 2600-W Four-Light, 3900-W Six-Light Molefay, 5850-W Nine-Light Molefay, 1000-W Molequartz Molepar, 6000-W Molequartz Six-Light Molepar. On display will also be Quartz Broads, Scoops, Softlights, Nooklites and a variety of light kits and a car kit. Also Telescoping Hangers and adapters, and hangers for hanging and mounting fixtures. Grip equipment and Special Effects.

*Personnel:* Howard R. Bell

**Nagra Magnetic Recorders, Inc.** Booth 17  
19 West 44th St., New York, NY 10036

*Exhibiting:* Exhibiting the Nagra SNN, one lb., 1 oz. recorder with new automatic start, bloop and stop along with the camera. System employs no wires. Also crystal sync, plus loud speaker monitor and sync check, and a simplified resolver that anyone can operate will be demonstrated. Also exhibiting the Nagra 2-track stereo, sync recorder. This recorder provides the capability for recording stereo music and sound effects on stage or location for future release.

*Personnel:* Loren L. Ryder, Ronald R. Cogswell, Dom Notto, Robert Leonard, Leon D. Selznick

**Oxberry** Booth 14  
516 Timpson Pl., Bronx, NY 10455

**Paillard Inc.** Booth 48  
1900 Lower Road, Linden, NJ 07036

*Exhibiting:* Bolex 16 Pro cameras, Single and Double System up to 100 frames, and the following H-16 cameras: EBM, SBM, REX 5, ESM motor drive — super-8 — 2335, 160, 250 and 280.

Projectors S-321, Optical, Magnetic and Silent with 28 frame standardization unit, Multimatic, SM8 and SP8 super-8 sound projectors.

*Personnel:* Fred Onderka, Larry Oetter

**Peterson Enterprises, Inc.** Booths 29, 30  
1840 Pickwick Avenue, Glenview, IL 60025

*Exhibiting:* The latest Peterson Color Additive higher speed Super-8 "COR" (Continuous Optical Reduction) Printer with simultaneous magnetic sound transfer. Printer operates at 360 ft/min on the 16mm picture negative side and reproduce sound master side transferring sound at 10x real speed in bi-directional operation. The new "COR-JR" super-8 "COR" Printer with high-speed uni-directional operation at 180 ft/min. Both "COR" & "COR-JR" Printers are available in the following formats; 16mm super-8 dual rank (1-3), 35mm super-8 quad rank or combination dual (1-3) and quad rank. Also showing the Peterson additive color automatic pedestal printer with Peterson light valves, fader, high-speed photo-electronic control console.

*Personnel:* Walter Peterson, Bruce Peterson, Chuck Zichterman, Haljmar Kallman, Joe Wary, William Pfeiffer

**Producers Service Corp.** Booths 32, 33  
1200 Grand Central Ave., Glendale, CA 91201

*Exhibiting:* Acme Model 103 aerial image optical printer, Acme series 100 liquid-film-gate system, PSC/OPCO — matrix additive color lamphouse, Spectra Model 900 photometer, and Focatron.

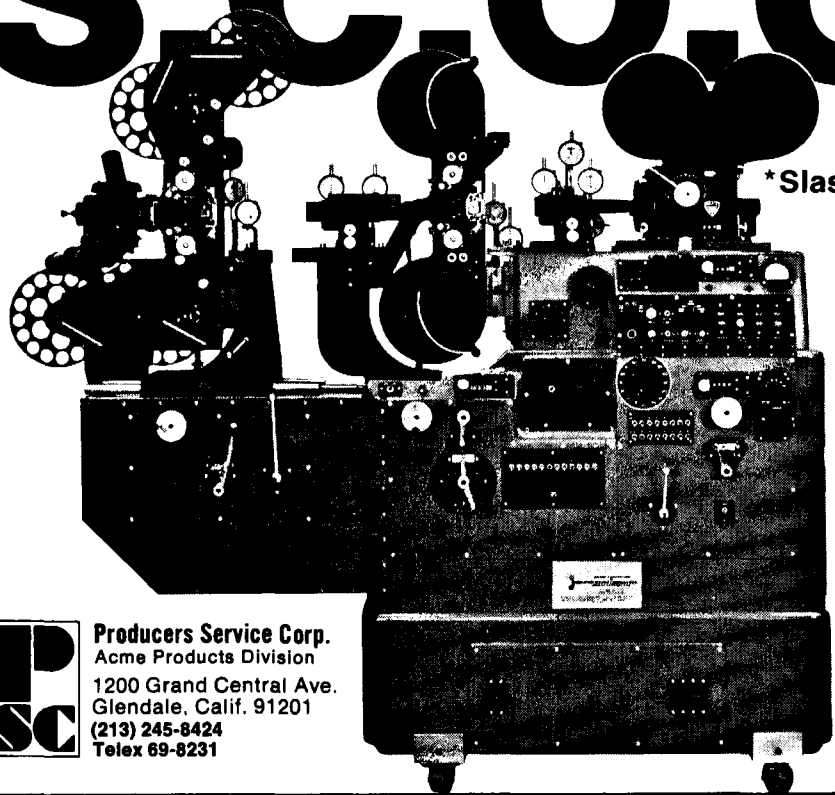
*Personnel:* Donald E. Stults, Lee Shrout

**Vega Electronics** Booth 36  
300 W. Warner Ave., Santa Ana, CA 92704

*Exhibiting:* Wireless microphones and associated equipment.

*Personnel:* John C. Beaman, Ted Pappas

# S C O O P . P . \*



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See us at Booth 32 and 33 at the S.M.P.T.E. Exhibit at O'Hare Hyatt House in Chicago.