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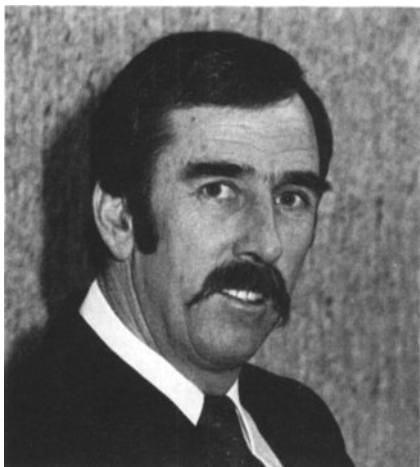
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# NEWS

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## SMPTE Australian Section to Hold Conference-Exhibition in Sydney June 7-9, 1984



John F. Donovan, SMPTE Australian section chairman.

The SMPTE Australian Section will hold its first international conference and equipment exhibit from June 7-9, 1984, at the Sydney Showgrounds, Sydney, Australia. The conference will have as its theme "Sound and Vision 84: The International View of Sound and Vision Communication Technology."

A papers presentation will be given on June 7 and 8, covering the latest developments in sound and vision technology. On June 7, 8, and 9, an exhibit will be held of equipment featuring the latest in film, video, and sound reproduction techniques. Over 50 local and overseas com-

panies are planning to participate in the exhibit.

The conference will be directed by the newly elected chairman of the Australian section, John F. Donovan, Atlab Australia. Donovan has been an active member of SMPTE since 1964, and represented the Australian section at the UNIATEC Conference in Bulgaria. He was elected to the Board of Managers in 1976, and served as chairman twice, in 1979 and in 1983. He joined Atlab Australia in 1964, starting in their processing department. He then went on to sensitometry, and undertook a two-year training course to learn all aspects of the motion-picture industry. In May, 1975, he won a scholarship from the Interim Film & Television Fund to study in the U.S. Donovan is an associate member of the Australian Cinematographers' Society (A.C.S.) and a corporate member of the BKSTS. He now holds the position of laboratory manager, Atlab.

All members of the Society are invited to participate in the conference, and to take advantage of the opportunity to visit Australia. Arrangements are under way to obtain first class accommodations and air travel at special rates for overseas visitors. Details will be available in the near future. For further information, please contact Jeff Deal, Secretary/Treasurer, SMPTE Australian Section, P.O. Box 88, Willoughby N.S.W. 2068, Australia.

## Pablo Weinschenk-Taberero Retires from SMPTE

Capping a distinguished career with the SMPTE, Pablo Weinschenk-Taberero has retired from his position as test films quality control engineer. A Life Fellow, he has been a member of the Society for the past 43 years.



Pablo and his wife, Georgette, at SMPTE Headquarters gathering in his honor.

Since joining the Headquarters staff in 1970, he held positions as motion picture engineer, associate editor, and technical adviser to the *Journal* prior to becoming test films quality control engineer. Many of his photographs have accompanied articles in the *Journal*. In 1968, shortly after his arrival in the U.S. from Argentina, he became a member of the *Journal* Board of Editors, a position he still holds.

Although terminating his day-to-day relationship with SMPTE Headquarters, Pablo is continuing to do editorial work on a freelance basis, and is currently in the midst of several projects for his own company, Exact Translations. He is fluent in Spanish, German, and French, and specializes in technical and professional subjects. He may be reached at the following address: 67 Rockledge Rd., # 1A, Hartsdale, NY 10530.

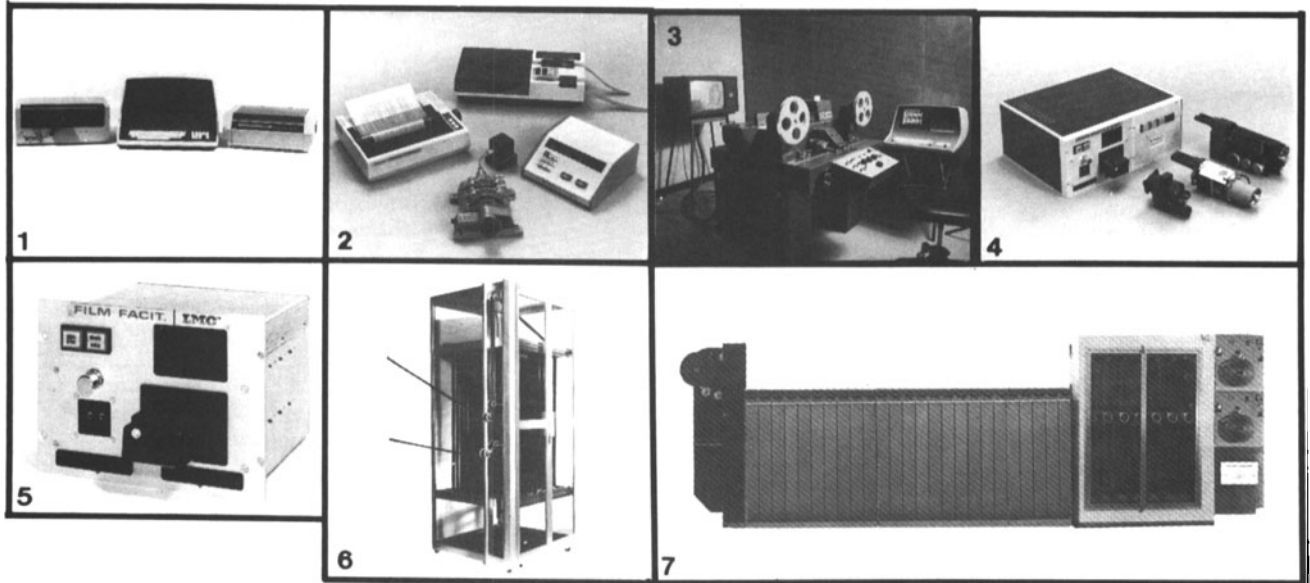


Skyline of Sydney.



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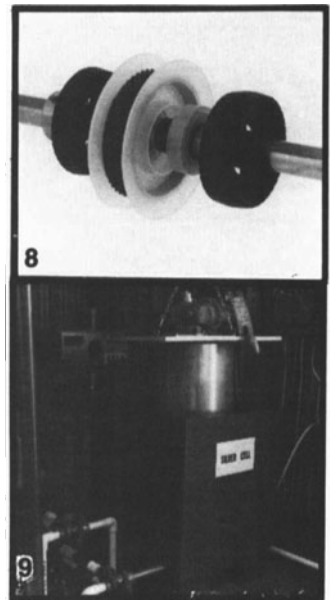
**5. Film Facit FCC Reader Head.** Low cost computerized replacement for Tally reader head—automatic loops setting and heads or tails printing—FCC in one hour, all tapes and formats.

**6. Film Facit Auto Demand Loop Cabinets.** All formats and sizes—revolutionary control system allows instant acceleration, each shaft individually driven by a PMI pancake motor, speeds to 1000 FPM.

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**8. Film Facit Auto Demand Film Transport Drive Components.** Patented line of positive drive components—unique serrated disc is self cleaning and creates superior friction at the roller—used throughout the world on our loop cabinets and film processors.

**9. Silver Max Silver Recovery System.** High recovery capacity (20 oz. hr.) with controllable power supply—innovative construction design allows easy access for silver removal—no drive belts or electrical brushes to wear out.




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## Recent Additions to *Journal* Staff



Anita Myers

The *Journal* has a new face at the assistant editor's desk — Anita Myers. After serving for five years as regional personnel coordinator for the YMCA, Anita spent five years as a technical editor with Stone & Webster, Inc. and Perkin-Elmer Corp. She received a B.A. at Grinnell College and studied for an M.A. at Ohio State University. She and her husband recently moved to White Plains, N.Y., from West Deptford, N.J., and spend as much of their spare time as possible sailing on their new boat. Her son and daughter are away at college.



MaryAnn Frusciante

Returning to the *Journal* staff is a familiar name — MaryAnn Frusciante, now production coordinator. Her association with SMPTE goes back as far as 1974, working with five different editors beginning with Victor Allen. She is a resident of Scarsdale, and has two sons in college. MaryAnn plays an active role in volunteer organizations, especially Cancer Research II, and counsels parents of children suffering from that disease. A music buff, she enjoys all types from opera to jazz, plays the piano, and dances for recreation and exercise.

**NFB defers closing of eight offices.** A news item on page 783 of the July *Journal* stated that the National Film Board of Canada had announced the closing of eight of its 30 distribution offices. The information was based on an NFB release dated April 6, 1983. Later information received here stated that the NFB Board of Trustees had decided to delay implementation of the decision.

"Due to strong public reaction and the deep concern of the communities affected, we felt a review of the situation was called for," said Government Film Commissioner and Chairman of the Board James de B. Domville. "During the past two months, we have received hundreds of letters and thousands of signatures from users of our films and have met with various groups that sprang up to protest this decision after the closings were announced."

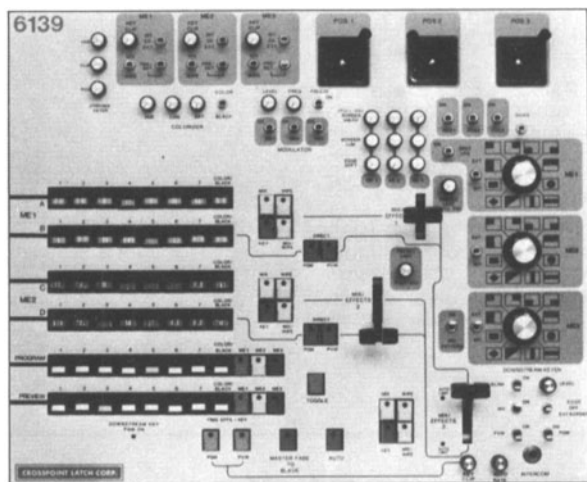
In the light of the public response, the Board of Trustees directed the management of the NFB to modify implementation of the decision to close the eight offices. The offices will remain open until such time as the NFB has been able to establish alternative arrangements to serve the communities or until new policy directions for the Film Board have been announced.

The IERE, in association with the Audio Engineering Society, the IEE, the IEEE, the Institute of Physics, the Royal Televi-

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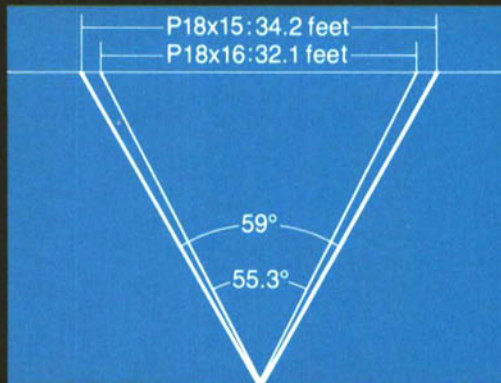
# New Standards

## The Widest Angle, The Highest Performance

Canon engineers have done it again, advancing the optical state-of-the-art so far forward that new standards must be considered.

The Canon P18 x 15 BIE offers the widest angle of any broadcast television zoom lens: 59° plus incredible edge-to-edge sharpness, fidelity and sensitivity throughout its 18X range.

Every one of these superb lenses will be supplied with both 1.5X and 2X built-in extenders and a pattern projector. Options include manual, semi-servo or full servo operation.



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### P18 x 15 BIE F2.1 for 30mm Cameras\* KEY SPECIFICATIONS

- Focal length: 15-270mm
- Max. Relative Aperture: 1:2.1 (15-218mm)
- Angular Field of View: 59° x 45.8° at 15mm  
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\*Also available: PV18 x 11 BIE F1.6 for 25mm Cameras



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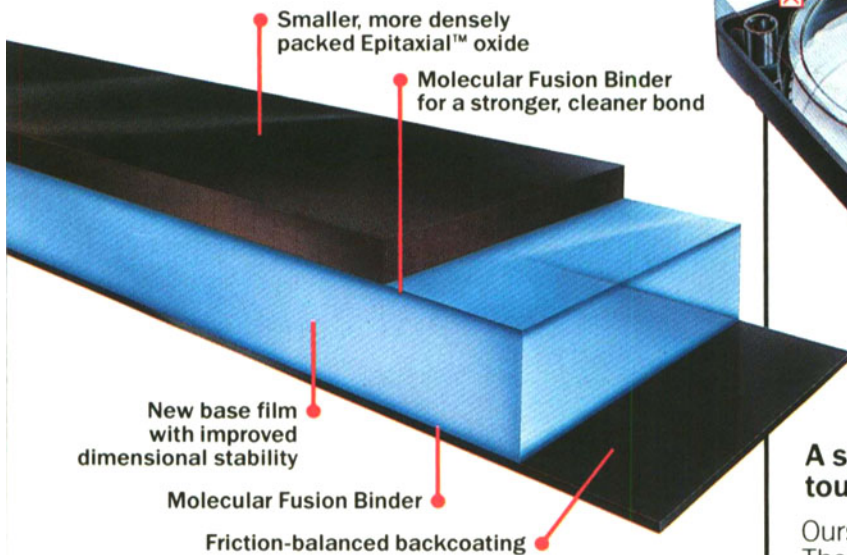
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Introducing tape performance impervious to the whims of weather and the rigors of editing. Maxell has harnessed new tape technology and with it, given ENG dramatic improvements you can see, hear and retain. In the field or under freeze frame.



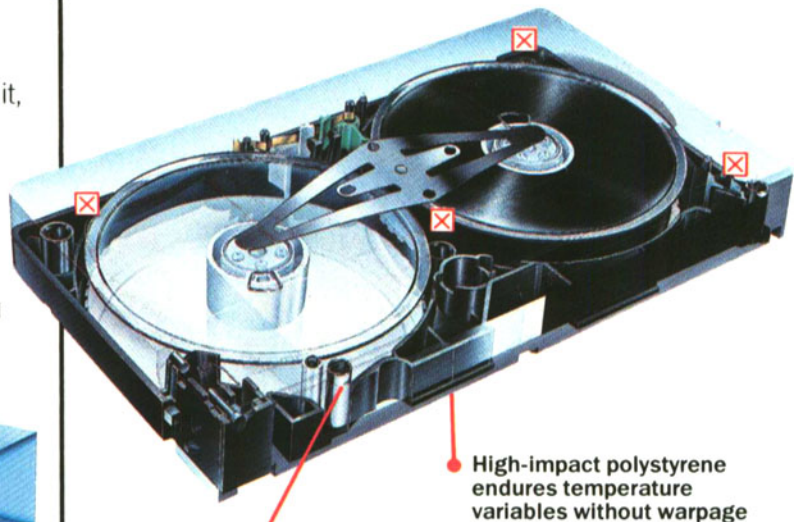
Smaller, more densely packed Epitaxial™ oxide

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## A shell made to the industry's toughest standards.

Ours. The transport is smooth, quiet and jam-proof. The housing immune to temperature extremes. The construction leaves nothing to chance.

From open reel tapes to a complete line of KCS/KCA U-Matics, audio and VHS/Beta cassettes, we're getting quality down to a science. And in your hands, our science turns to art.

## HGX Pro 1/2" Videocassettes are available in Beta and VHS formats.

### The Epitaxial™ contribution: higher video, brighter chroma.

Unique, uniform cobalt ferrite oxide particles, now even smaller (a mere 3 microns long), yield unprecedented packing density. Expect enhanced signal-to-noise ratios in audio and video. Better definition. Brighter chroma. And no significant signal loss despite endless editing replays.

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Gone are conventional adhesives that time and temperature tempt to the surface. In their place, self-curing resins fuse oxides to the base film. It's a bond immune to time and mechanical stress. Anticipate far fewer dropouts, less clogging and extended tape and head life.

### New base, binder, backcoating. Better support for the signal.

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Grumman has solved the problem of horizontal shift caused by improper SCH timing. And solved it in a way that's not only economical, it's automatic. With our SYNC PROC™ unit you won't waste time, people and test equipment establishing SCH. And editors won't have to use trial and error to get the correct matched frame edit between two video signal sources.

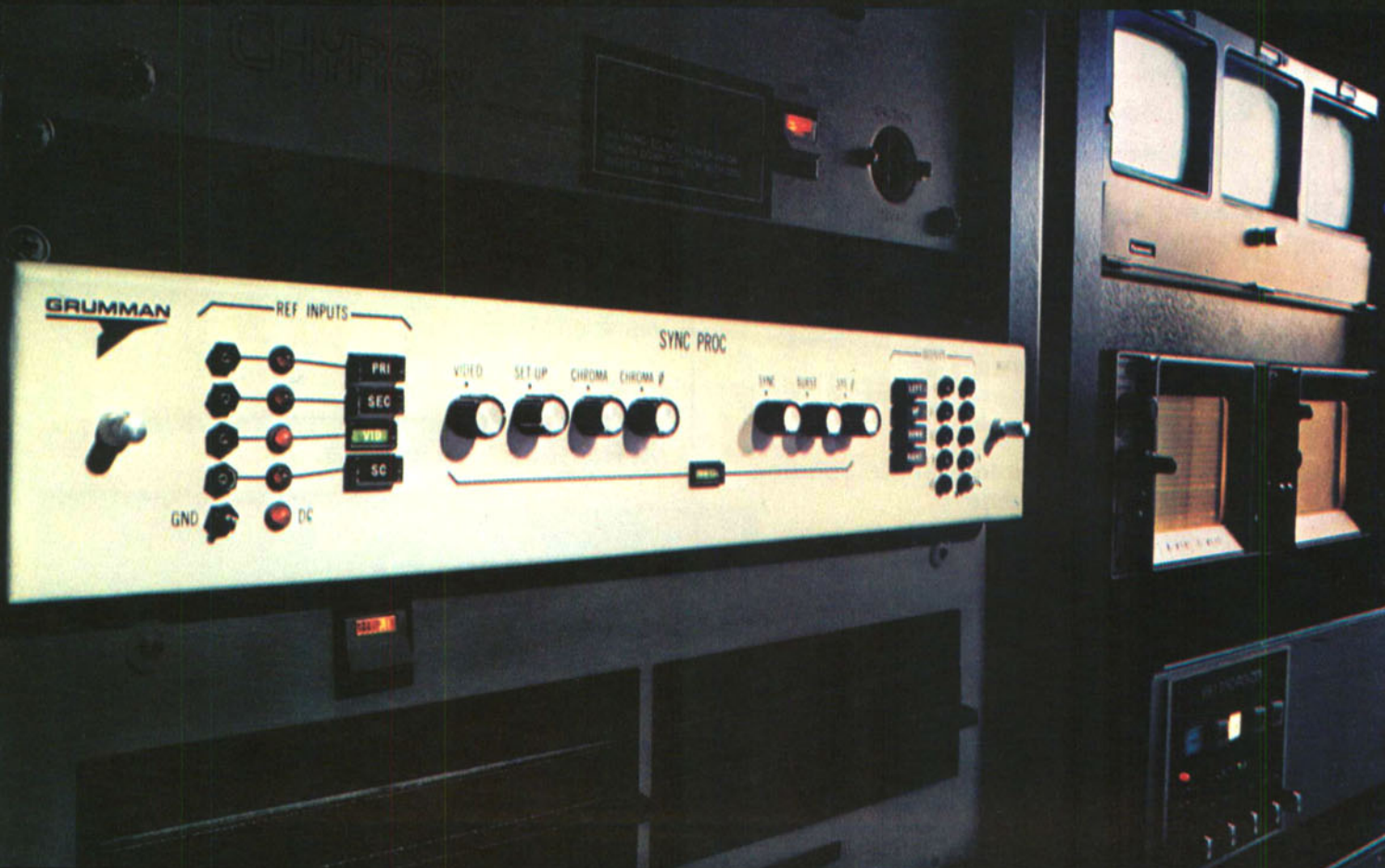
SYNC PROC™ solves the problem in a simple way. It generates a color field identification signal that's positioned on the "front porch" of the TV signal. The ambiguity with RS-170A is thereby ended; you get positive identification for one field of the four-color field sequence. With color field identification, the SYNC PROC™ automatically maintains proper SCH timing, eliminating horizontal shift.

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And it comes packaged with normally required features: a processing amplifier and sync generator and other optional features. Our expanding line of unique process and control products for the broadcast industry include color encoding, satellite transmission processing, machine control and many other state-of-the-art developments, and beyond.

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**GRUMMAN**

sion Society, and the SMPTE, will hold the fifth Conference on Video and Data Recording at the University of Southampton, England, April 2-6, 1984. The conference provides a forum for disclosing and discussing new advances in the science and technology of recording processes. The announcement noted that professional and domestic requirements frequently overlap with memories, mass stores, and a variety of reusable recording methods now forming an integral part of the equipment. Although magnetic recording techniques remain a superior method in many broadcasting, computing, and measurement systems, new techniques using optical, semiconductors, and even chemical processes are challenging designers' imaginations with the task of finding more cost-effective ways of storing and retrieving signals and images in ever greater quantities, at ever faster speeds in ever smaller volumes. Video recording poses problems similar to those encountered in audio, computing, and data recording.

Further information may be obtained from The Conference Secretariat, The Institution of Electronic and Radio Engineers, 99 Gower St., London WC1E 6AZ, England.

**The BBC has been awarded the Queen's Award to Industry** for the third time. The award goes jointly to the BBC Engineering Directorate and the Independent Broadcasting Authority's Engineering Division for their pioneering work on the development and transmission of teletext. Following a year of engineering experiments, BBC began transmitting a teletext service called Ceefax in September, 1974; IBA had also been investigating a similar system called Oracle. Close cooperation between the BBC and IBA during the experimental period resulted in a unified standard being agreed between the two organizations which has been used for Ceefax and Oracle ever since.

The teletext system uses four spare lines in the unseen part of the television picture to transmit a digital signal. Using a special decoder inside the television receiver, the teletext signal can generate pages of words and graphics which replace the normal television signal. Recent development work offers the possibility of improved graphics, enhanced character sets for foreign language users, and the transmission of photographic quality pictures.

**FCC's Office of Science and Technology** has issued a technical memorandum (FCC/OST TM8301) entitled "An Update on the Technology of Loud Commercial Control." Complaints of loud commercials on radio and television broadcast stations have been of continuing public concern. Until recently, most attempts by industry to control loudness were unsuccessful because of the difficulty in measuring loudness as perceived by lis-

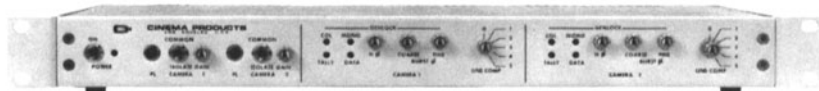
teners and viewers. Work conducted at the CBS Technology Center, Stamford, Conn., has led to the development of a new loudness-level meter and loudness controller, both based on models of responses of the human ear.

Limited testing of the loudness meter and loudness controller was conducted at the FCC laboratory in Columbia, Md., and showed that, in many cases, both units appear to be effective in operation. The loudness meter indications agreed with observers' responses over 80% of the time. The controller was effective in reducing the number of commercials found to be loud by the observers. However, such a controller

cannot be 100% effective since individual hearing response, specific content of commercials, visual displays for television, manner of presentation, and other psychological variables alter one's perception of loudness.

**The International Television Association (ITVA)** has awarded JVC Co. of America the Technical Achievement Award. ITVA presents the award when a company's product significantly increases audio or video quality, and which significantly reduces the cost of obtaining established high levels of audio or video quality. The award was presented to JVC for its development

## CO-AX DIGITAL REMOTE CONTROL



... from distances up to 5000 feet!

For just a fraction of the cost of other systems, Cinema Products' co-ax digital remote control system provides studio-like remote control to ENG/EFP cameras in the field.

Just like most other systems do. Only better. And from greater distances.

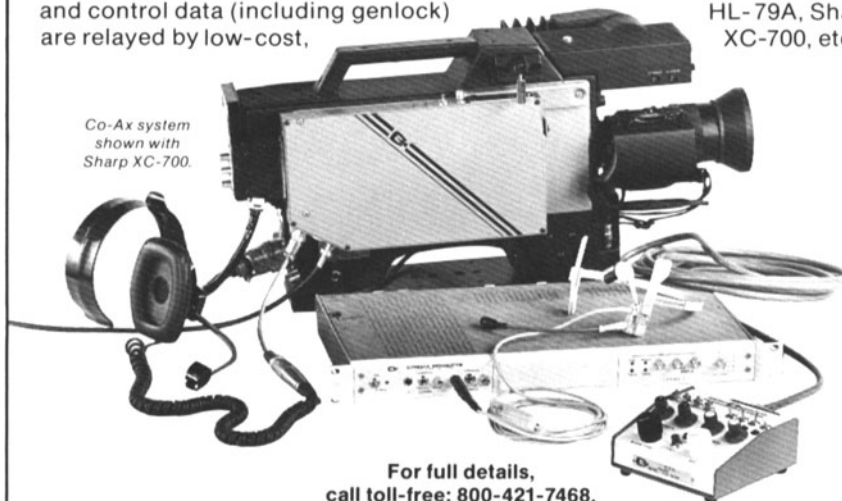
Because our co-ax control system eliminates the need for expensive, bulky, multi-core or triax camera cables—reducing to a minimum the risks normally associated with the use of such cables.

Digitally-encoded camera set-up and control data (including genlock) are relayed by low-cost,

simple and lightweight coaxial cable from greater distances—up to 5000 feet!—with greater safety and utmost reliability. Which makes our co-ax control system ideal for all those rugged location extended-shooting situations.

Cinema Products' field-proven co-ax digital remote control system is available in both NTSC and PAL-B standards (where applicable) for a full range of professional ENG/EFP cameras such as Sony BVP-250/300/BVP-330, Thomson MC-501/601/701, RCA TK-76B/76C, Ikegami HL-77/HL-79A, Sharp XC-700, etc.

Co-Ax system shown with Sharp XC-700.



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of the KY series, which pioneered the market for low-cost professional cameras.

**Cinema Products Corp.**, Los Angeles, Calif., has been undergoing a major reorganization, with upper level management being restructured to strengthen production and marketing operations. The newly reconstituted board of directors consists of Edmund DiGiulio, president and chairman of the board; Peter Waldeck, senior vice-president, international marketing; Edwin Clare, vice-president and general manager; Guy Gessel, chief engineer; Charles Lipow, advertising and public relations; and out-

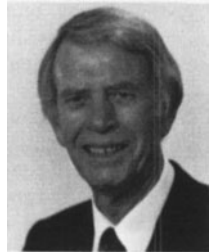
side board members, Leonard Berman, financial consultant, and Donald Peterson, investment counselor.

Cinema Products was founded in 1968. Since that time it has achieved worldwide recognition, earning several technical/scientific Academy Awards for its innovative design achievements, including an Oscar for the design and development of the Steadicam.

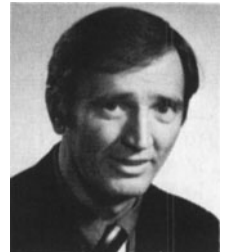
At the 1983 NAB show in Las Vegas, Cinema Products introduced a new line of Todd-AO video lenses specially developed to provide a new aspect ratio for wide-screen television projection. The lenses are also suitable for video teleconferencing.

**Daan Zwick** has been elected a member of the board of directors of the Inter-Society Color Council for the 1983-1986 term. A Fellow of the SMPTE, Zwick received the Herbert Kalmus Award in 1972 for his research on color motion-picture films. In 1976, he received the Agfa-Gevaert Gold Medal for his work on television interface, and in 1981, he was awarded the Progress Medal for his work on improving the image structure of color films.

**Everett L. Hanson** has been appointed vice-president, engineering, Deluxe Laboratories, Inc. Hanson has been with Deluxe for 25 years. During that time he has held a number of positions in machine maintenance and design. Most recently he served as director of building maintenance and plant engineering. Earlier in his career, he was with Paramount Laboratory and General Film Laboratories.



**Hartwell T. Sweeney** has been re-elected president of CINE (Council on International Nontheatrical Events) to serve a third term. Sweeney recently retired from an executive position at Eastman Kodak, but his interest continues in the promotion, selection, and submission of non-theatrical motion-picture and television documentaries to international film festivals. Assisting with CINE's activities is a 20-member advisory council, members of which serve as jurors for CINE screenings of films and videotapes that are selected to receive CINE Golden Eagle and CINE Eagle recognitions.



**Julie E. Gibouleau, CAE**, has been appointed executive director of the Society of Women Engineers. A certified specialist in all phases of association management, her experience spans 26 years in both trade and professional associations. The last 13 years have been spent within the professional engineering community. The Society of Women Engineers is a nonprofit educational service organization of graduate engineers and men and women with equivalent engineering experience. Its headquarters are at 345 E. 47 St., New York, NY 10017.

**Howard Stucker** has been appointed sales engineer for Sony Broadcast Co. In this post he will be responsible for sales of broadcast equipment in the western region including Southern California. He was formerly with Listec Corp. as a specialist in camera support equipment.

# Fast Company!



**MTM's new 30X High Speed Model 5800 — the fastest Recorder/Reproducer in the business.**

New from Multi-Track Magnetics, Inc. (MTM) the #5800 'ULTRA' High Speed Recorder/Reproducer. Is ideal for following High Speed Flying Spot Scanners or VTR's. The system is capable of 30X speed range and will attain 5X speed in only 1½ seconds. The unique design of the #5800 incorporates a Capstan Drive Motor and a "Loading Puck" for rapid disengagement of the film path from the heads in High Speed Operation.

- The #5800 features MTM's totally Microprocessor controlled DC Servo Drive.
- The #5800 will interlock with 240 Hz, 1200 Hz and 2400 Hz Bi-Phase Clock.
- Operational speed selectable between 24/25/30 fps.
- Compatible with Data Code, one of the newest concepts in track synchronization.
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