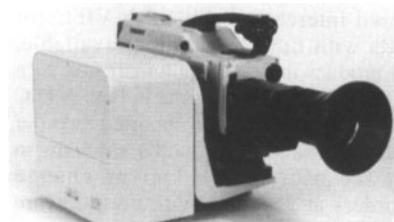


Hackettstown, NJ 07840. The unit offers 88 fully synthesized RF channels; 2 synthesized, field-programmable audio subcarriers; and 1-W minimum output power. The product, which is lightweight and small in size, can be configured to incorporate a wide variety of options, including a genlockable RS-170A SMPTE color bar generator and programmable 16-character alphanumeric ID generator, a video-activated remote on/standby control to allow the transmitter to operate in remote standby with no video present and in full operation by applying a small video signal, and fiber-optic camera-to-transmitter interconnect to allow lightwave signals to switch the transmitter from standby mode to on mode. Other features include PAL or NTSC compatibility, quick-connect antenna mount, and switch-selectable 6-dB output power reduction.

The company also announced the **65/70PT3 Series 6.4 to 7.1-GHz portable ENG transmitter**. The unit offers 42 fully synthesized RF channels; 2 synthesized, field-programmable audio subcarriers; and 2-W minimum output power. The product is small in size, lightweight, has low power consumption, and is configurable to serve any portable environment from tripods and backpacks to helicopters and ENG trucks.

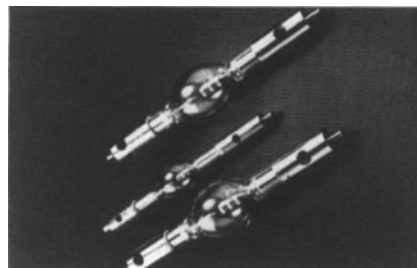


*Fujinon EPT-10 pan-and-tilt head*

The **EPT-10 pan-and-tilt head** from Fujinon Inc., 10 High Point Dr., Wayne, NJ 07470, is designed for teleconferencing applications. The product, which weighs less than 18 lb and can handle 22-lb loads, can pan 300° and tilt 95°, operating at speeds of 9°/sec. The unit is supported by three versatile controllers: the EOP-20, which has a joystick control of pan and tilt, a thumb rocker control of zoom, and continuous iris adjustment via a potentiometer; the EOP-30B, which provides joystick controls, and potentiometer control of iris; and the EOP-50A, which will control up to 4 heads and provides 24 preset shots for each head.

An electrical power distribution system for motion-picture and television studios has been developed by Mole-Richardson

Co., 937 N. Sycamore Ave., Hollywood, CA 90038. The system is for use on stages and locations or any portable use. The product is available in 3-phase 600-A distribution box and 400-A distribution box; single-phase, 400-A 4-wire in and out; and single-phase 400-A wall-mount box. All boxes have circuit breaker protected outlets.



*Optical Radiation Corp. xenon short arc lamps*

The **Ultralife™ Series** of xenon short arc lamps for cinema, industrial, and entertainment markets was announced by Optical Radiation Corp., 1300 Optical Dr., Azusa, CA 91702. Available from 150 W to 10,000 W, the products are suited for all applications requiring intense white light, including spotlights, searchlights, film projection, and a variety of medical and industrial implementation.



## SMPTE Test Films

SMPTE has a full line of test materials for television and motion pictures, including monochrome TV test patterns, color TV subjective reference films and slides, photographic sound test films, magnetic sound test films, and a complete range of projector performance films. Most TV films are available in 35mm, 16mm, and 2 X 2-inch transparencies. The sound films are available in 35mm and 16mm (the magnetic sound films are also available in super 8), and the projector performance films are available in 35mm, 16mm, super 8 and regular 8, depending upon the film type. Films are in stock for immediate shipment. All films are guaranteed.

For your free catalog, write to:

**SMPTE Test Film Dept.  
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# Classified

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### Positions Available

**Chief Engineering Manager.** Strong technical skills and supervisory ability needed. Rank experience a plus. Excellent benefits and salary package. Send resume to Diner + Allied, 620 Third St., San Francisco, CA 94107, Attn: Division Manager. EOE.

### Positions Wanted

**Electronics/Optical Engineer.** Hands-on technician as well as design engineer seeks entertainment-related technical work on permanent or project basis. Special effects, film, video, lighting, audio, etc. Hardware and software design. Analog, digital, microprocessor-controlled, optical and electro-optical systems. Field repair/mod./installation experience. M.S. Physics/Optics, M.E.E. Contact Roger De

Pietro, 68 Monroe St. #2B, Hoboken, NJ 07030. (201) 795-3616.

**Lighting Director/Cameraman.** Fifteen years of video production experience in both broadcast and nonbroadcast. Skilled lighting director, cameraman, tape operator, master control, also producing and directing. Seeks position with broadcast station in Dallas/Ft. Worth market. Contact C. P. Neal, 4105 Periwinkle Dr., Ft. Worth TX 76137. (817) 848-0238.

### Journals Available/Wanted

*These notices are published as a service for members to expedite disposal and acquisition of out-of-print Journals. Please write directly to the persons and addresses listed.*

**Available.** SMPTE Journals 1972-1983 (1978-1983 in binders). Contact Douglas Worling, 74 Wellington St. East, Aurora, Ont., Canada L4G 1H8. (416) 727-3216.

**Available.** SMPTE Journals 1969-1991. Good condition. Contact Stan Oehman, 7239 E. Sheridan St., Scottsdale, AZ 85257. (602) 947-4959.

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## Select from these SMPTE Books

### **Proceedings: The 26th Annual SMPTE Advanced Television and Electronic Imaging Conference.**

Published 1992. A collection of papers submitted for this conference held in San Francisco, February 7-8, 1992, on the theme of "Collision or Convergence: Digital Video/Audio, Computers, and Telecommunications." Brings together authors from diverse areas to explore current developments and discuss the future integration and interconnection of the digital technologies of audio, video, and computers.

8 1/2 x 11 Softbound

Member Price: \$20.00

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### **Milestones in Motion-Picture and TV Technology, The SMPTE 75th Anniversary Collection**

Published 1991. In commemoration of SMPTE's 75th anniversary, a selected group of milestone papers originally published by the Society during its 75-year history are being published in a single book. The book contains papers on such motion-picture milestones as the first SMPTE standards, natural color cinematography, sound, and the Technicolor process. Television milestones include papers on color television, NTSC, the Ampex VTR, and digital recording. A worthwhile addition to the library of anyone interested in the early history of motion pictures and television.

242 pp. 8 1/2 x 11 Hardbound

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### **A Television Continuum --- 1967-2017**

Published 1991. *A Television Continuum --- 1967-2017* marks both SMPTE's 75th anniversary and its 25th Annual Television Conference. As the title suggests, the idea was to return to the time when the first SMPTE TV conference was held to see what were the established technologies, then trace the progress of those and still newer technologies through the present and into the future. The papers, all presented at this milestone television conference, held in Detroit on February 1-2, 1991, are by established experts in their fields.

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### **Television --- Merging Multiple Technologies**

Published 1990. Television technology has reached a point where present traditional technology is faced with the non-traditional technology of the future. This book focuses on merging these two. *Television --- Merging Multiple Technologies* is composed of papers presented at the 24th Annual Television Conference held January 26-27, 1990, in Lake Buena Vista, Fla. It contains the most up-to-date information on the future of television technology.

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### **Better Video Images**

Published 1989. Television technologies are at a turning point that will determine the direction of the industry for the next several decades. SMPTE's *Better Video Images* addresses many proposed HDTV production and broadcast standards in addition to proposed changes to existing NTSC, PAL, and SECAM. All papers appearing in this book were presented at the 23rd Annual SMPTE Television Conference, held in San Francisco, Calif., February 3-4, 1989, by highly respected authors on subjects of great interest.

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### **4:2:2 Digital Video Background and Implementation**

Published 1989. The 1980s produced a worldwide effort to develop standards for component digital video. In *Digital Video*, SMPTE concentrates on the development of the international component coding standard from its demonstrations presented in San Francisco, Calif., in February 1981, to its current status. The implementation of the standard, including maintenance problems and the development of facilities, is addressed. Finally, the future developments of component digital video are explored.

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## Television

### **Television Technology in Transition**

Published 1988. Television technology is continuing to change rapidly as new equipment, techniques, and applications come into being. This book addresses these changes in the categories of Formats, Distribution and Processing, Planning and Maintaining Systems, and Post-Production.

376 pp. 8 1/2 x 11 Softbound

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### **Television Technology: A Look Toward The 21st Century**

Published 1987. Offers a glimpse at the future of advanced television technology. Deals with a global overview of the future of television research, the impact of that research on major broadcasters and how it will affect their operations between now and the year 2000; and an updating of two technologies (computer-assisted graphics and VTR formats).

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### **Digital Television Tape Recording and Other New Developments**

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### **Television Image Quality**

Published 1984. Brings you accurate information on an important subject. The book is organized into four subject areas: Basic Concepts and Perspectives, New Recording Technologies, New Distribution Technologies, and New Display Technologies.

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### **Tomorrow's Television**

Published 1982. Focuses on four major topics: New Television Technologies, Multi-Channel Television Audio, Digital Control of Television Equipment, and High-Definition Television Systems.

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### **Television Technology in the 80's**

Published 1981. Delves into almost every area of television's developing technologies: Digital Video Recordings, Digital Techniques, The All Digital Studio, New Camera Technology, and High-Definition Television.

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### **Digital Video—Volume 3**

Published 1980. SMPTE's book on digital television. Subjects covered are The All-Digital TV Plant, Digital Signal Processing, Digital Transmission and Testing, and Digital Recording.

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Published 1979. Covers almost every aspect of digital technology, including Teletext, Digital Special Effects, Computer Animation, and Digital Video Recording. Includes a transcript of discussion.

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### **Digital Video --- Volume 1**

Published 1977. Landmark volume on digital video provides the basic information on digital technology, a glossary of digital video terms, and a bibliography.

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## **Motion Pictures**

### **Motion-Picture Projection and Theatre Presentation Manual**

Published 1969. This manual details operation information for projectionists and theater personnel in a concise and convenient form. It is used as a guide to good motion-picture presentation in the theater. There are chapters on such subjects as projection rooms, good projection rules, measuring instruments, projectors, maintenance and repair, performance testing, projection lenses, and sound systems. There are also case histories with problems and solutions.

1969 edition; fifth printing, 1992  
166 pp. Illus. Paperbound  
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### **Special Effects in Motion Pictures: Some Methods for Producing Mechanical Special Effects**

Published 1966. By Frank P. Clark, with SMPTE Advisory Committee. A definitive guidebook to miniatures, props, pyrotechnics, and other mechanical special effects. It covers techniques, equipment, and many tricks of the trade. Richly illustrated. A classic in its field.

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