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SMPTÉ 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.

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Memo to Members: Have You Signed Up A New Member Lately?



As one who has chosen to belong to SMPTÉ, you are aware of the benefits of SMPTÉ membership. Among these benefits are the prestige of being associated with the world's premier professional organization in the fields of motion pictures and television, the monthly *SMPTÉ Journal*, the local section meetings, and the annual conferences and equipment exhibits. If you know someone who meets SMPTÉ's requirements, you can offer to sponsor him or her for membership. This is the best way to help strengthen the Society and point someone toward increased professional growth. Applications are available from SMPTÉ Membership Dept., 595 W. Hartsdale Ave., White Plains, NY 10607.

Abstracts of Papers from Other Journals

Motion-Picture Projection Technique in the GRD (in German), K. Enz, *Fernseh-Und Kino-Technik*, p. 329, July 1990.

The report is a stock taking of the entire motion-picture projection technique in the GRD, where a visit to a film theater has a higher local value than in the Federal Republic. The article describes the film theater network, the bases of the film theater arrangement, and, in particular, the technical state of the art of the film projection equipment. It also covers the standardization work in film projection and the educational background of technical experts in the field. The author presumes that the latest political developments will lead to changes in this field and points out the required automation in film projection.

The Evolution of Knowledge Transfer Concepts — A Personal View (in German), L. Strashun, *Fernseh-Und Kino-Technik*, p. 381, August 1990.

Training measures were started at Sony Broadcast in 1978 to convey company-specific information to customers and personnel. This developed into individual programs as well as a total structure based on a philosophy of modern knowledge transfer. The author was in charge of this project from its start and describes its demands as well as the execution of knowledge transfer.

The Luminance Compensation Method in Colorimetric Comparison with Other Color-Picture-Transmission Systems (in German), G. H. Bruck, *Fernseh-Und Kino-Technik*, p. 400, August 1990.

To improve the conventional color television transmission systems, the luminance compensation method is proposed, which compensates for luminance defects by changing the chrominance signals at the transmitter side. Comparisons with incompatible transmission systems show the advantages of this method.

What Standard for Standards Conversion? Mark Stowe and Tina Richardson, *International Broadcast Engineer*, p. 21, January 1990.

AVS has specialized in developing and producing standards converters since 1982, currently concentrating on the ADAC and Isis. ADAC is a four-field motion-adaptive converter offering bi-directional conversion between all six world standards. Isis is an upgradable converter launched in 1989. At its base level, Isis also offers four-field motion-adaptive conversion between the six

world standards. Isis upgrade options include a digital comb filter decoder, CCIR 656 interface, and a motion-adaptive post-processor offering unprecedented levels of noise reduction.

The Oki Lt 2000 Standards Converter, Phil Rutter, *International Broadcast Engineer*, p. 26, January 1990.

The fundamental requirement of standards conversion is really very simple: to transform television images that are created, recorded, or displayed in a particular format into images that can be recorded or displayed in a different format. But simple though the requirement may be, there are a number of problems to overcome. Apart from the general requirement of minimizing what might be described as the primary interference that any piece of electronic equipment may have on signals, there are two problems of spatial and temporal interpolation.

PALplus and Television Production for New Broadcasting Standards, A. Ziemer and E. Matzel, *EBU Review*, p. 3, February/April 1990.

This article presents the work of the ARD/ZDF Pal Strategy Group, which is investigating methods for the gradual and compatible introduction of improvements to the existing terrestrial television broadcast standards. The purpose of this group's work is to find ways to ensure that the existing terrestrial services, which are expected to remain as the cornerstone of West German television broadcasting for the foreseeable future, will remain competitive in a rapidly changing program-delivery environment incorporating satellite and cable systems. The future requirement for high-quality production techniques suited to narrowband high-quality transmission standards (D-2-MAC/packet, HD-MAC) is also considered.

Considerations for Using SNG Portable Packages, B. Sawyer and A. Caruso, *EBU Review*, p. 20, February/April 1990.

Satellite news gathering (SNG) is rapidly developing as a tool to help broadcasters speed up the process of reporting the news as it happens, where it happens. It allows great flexibility for multipoint access and distribution within national and across international borders. The Canadian Broadcasting Corp. (CBC) is considering the purchase of SNG systems to provide coverage far beyond the reach of terrestrial microwave systems.

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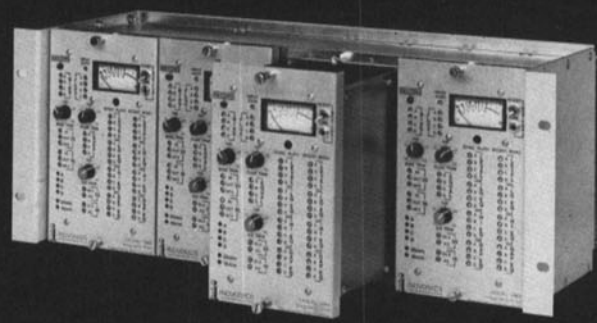
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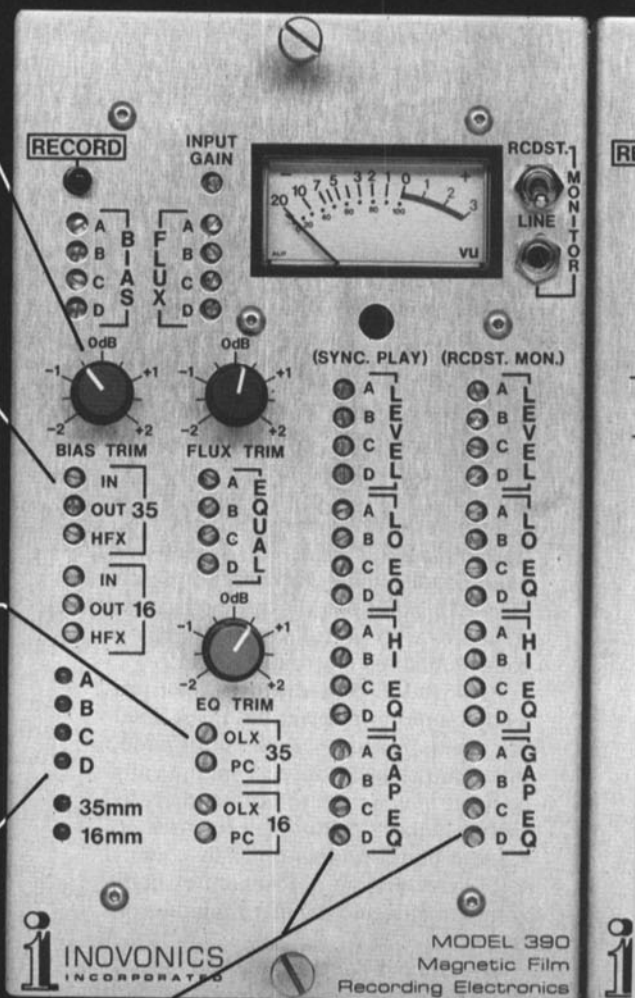
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