

How To Make Your Super 8 Equipment Run Properly.

If proper presentation of your Super 8 films is important to you, then your equipment must be in perfect condition. To learn how well your Super 8 system performs, you'll need an SMPTE Test Film.

There are two basic types of test film. The first, for projection performance — picture only, is the **SMPTE 8mm Registration Test Film** (50 or 100 ft). This film has no sound track. Its purpose is to measure and help you adjust the optical and mechanical performance of your projection equipment. The patterns are designed to measure and adjust aperture size and position, jump, weave, travel ghost, lens focus, and film buckling.

The second type is for Super 8 Magnetic Sound. There are four all together, each of which was recorded on full-coat magnetic stock with a Super 8mm .1667-in pitch, and contains a 24-mil record in the edge track position.

The four films now available are:

- 1. Azimuth Alignment Test Film** (50 ft) which is used to align the azimuth position of the recording and reproducing heads on magnetic sound equipment.
- 2. Flutter Test Film** (50 ft) to measure flutter introduced by sound reproducers, contains an original recording with extremely low flutter content.
- 3. Signal Level Test Film** (50 ft) helps measure and balance the power level output from motion picture sound reproducers. The recorded level does not in itself indicate a program level, but provides a reproducible reference from which a recommended program level can be determined.
- 4. Multifrequency Test Film** (100 ft) is used for testing and adjusting motion picture sound reproducers and projectors. It is calibrated, and correction factors are supplied with each film.

For further information, please mail the coupon immediately.

SMPTE Test Films

Society of Motion Picture and
Television Engineers
Test Film Dept.
862 Scarsdale Ave.
Scarsdale, NY 10583

Please send me information on:

- Registration Test Film
 Flutter Test Film Azimuth Alignment
 Multifrequency Signal Level

Name _____

Co. or organization _____

Address _____

City _____

State _____ Zip _____

Forthcoming Professional Meetings

Laser Technology: Fundamentals and Applications, a new seminar presented by the New York University School of Continuing Education, will be held 13-14 February 1978 in Atlanta; 10-11 April 1978 in Los Angeles; and 12-13 June 1978 in Chicago. The seminar is intended to provide essential background information on the laser and its applications, and a discussion of the safe use of the laser. Further information is available from Heidi E. Kaplan, Dept. 14NR, New York Management Center, 360 Lexington Ave., New York, NY 10017.

The Association for Multi-Image (AMI) will hold its fourth national workshop on Multi-Image Production 16-19 February at Santa Fe Community College in Gainesville, Fla. Highlights of the program will include a review of the development of the art of Multi-Image, presentation of group multi-image projects and question-and-answer sessions. The workshop will include in-depth hands-on sessions. Further information is available from Ron Slawson, AMI, 947 Old York Rd., Abington, PA 19001.

Rochester Institute of Technology, College of Graphic Arts & Photography, One Lomb Memorial Dr., Rochester, NY 14623, has announced its Photographic Science Seminar to be held 27 Feb.-3 Mar. 1978. The intensive five-day program is designed to assist engineers, scientists and technicians in applying photographic technology to the acquisition of data and to provide information on the photographic process necessary in the employment of photographic technology. Topics to be discussed include Sensitometry; Statistics; Chemistry; Image Evaluation; Color; Non-Silver Image Forming Systems; and Photographic Apparatus and Instrumentation.

Laser Beam Information Systems, a three-day intensive seminar, will be held 6-8 March 1978 under the auspices of the University of Chicago. The Seminar Leader is Leo Beiser. Topics to be discussed include Adapting the Laser to Usable Information Systems; Characteristics of the Laser in Information Systems; Optical Beam Manipulation and Control; Laser Beam Deflection Principles and Methods; Laser Beam Deflection Techniques; Sensing, Detection and Storage Media; Information Factors and System Synthesis; and Applications. Further information is available from the University of Chicago, Center for Continuing Education, 1307 E. 60 St., Chicago, IL 60637.

The Society of Photo-Optical Instrumentation Engineers has announced a seminar on Photo- and Electro-Optics in Range Instrumentation to be held 13-14 March 1978 at the Ramada Inn, Fort Walton Beach, Fla. Topics to be discussed include Ranging, Tracking, Data Conversion, Calibration, Image Processing, Atmospheric Effects, and Infrared and Video Methods. Further information is available from SPIE, P.O. Box 10, Bellingham, WA 98225.

The 7th International Broadcasting Convention will be held 25-29 September 1978 at the Wembley Conference Centre in London, sponsored by the SMPTE, Electronic Engineering Association, Institution of Electrical Engineers, Institute of Electrical and Electronics Engineers, Institution of Electronic and Radio Engineers, and the Royal Television Society. The Technical program will cover new techniques, systems and developments of interest to engineers concerned with all aspects of sound and television broadcasting, both analog and digital. Topics to be covered in the technical sessions will include microprocessors and minicomputers in broadcasting; low-budget broadcasting systems; satellite broadcasting and distribution systems; studio lighting technology; propagation and service planning; transmitters, transposers and aerials; lightweight program equipment; sound systems, stereo and quadrasonic; television cameras, electronic graphics, visual effects and other studio equipment; video and audio recording and storage; new broadcasting systems (e.g. teletext and traffic information); audio and video measurement technology; and future possibilities in receiver design. Further information is available from The Secretariat, International Broadcasting Convention, IEE, Savoy Place, London, United Kingdom WC2R 0BL.

SMPTE Technical Conferences

3-4 February 1978
SMPTE Television Conference, Sheraton
Atlanta Hotel, Atlanta, Ga. Info from
SMPTE Headquarters.

29 October-3 November 1978
SMPTE Technical Conference and
Equipment Exhibit, Americana Hotel,
New York City. Info from SMPTE
Headquarters.

Calendar

6-8 December 1977
CINE Meeting, Mayflower Hotel, Washington,
D.C. Info from Council on International Non-
theatrical Events, 1201 16th St., N.W., Wash-
ington, DC 20036.

13-16 December 1977
Acoustical Society of America, 94th meeting,
Carillon Hotel, Miami Beach, Fla. Info from
Acoustical Soc. of America, 335 E. 45 St., New
York, NY 10017 (See *Journal*, p. 796, Oct.
1977.)

3-13 January 1978
Optical Science and Engineering Short Course,
Tucson, Ariz. Info from Prof. Philip N. Slater,
Optical Systems and Short Courses Inc., P.O.
Box 18667, Tucson, AZ 85731.