

# 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

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| Society of Motion Picture and Television Engineers | J2   |
| Test Film Dept.                                    |  |
| 862 Scarsdale Ave.                                 |  |
| Scarsdale, NY 10583                                |  |
| Please send me information on:                     |  |
| <input type="checkbox"/> Registration Test Film    |  |
| <input type="checkbox"/> Flutter Test Film         | <input type="checkbox"/> Azimuth Alignment |
| <input type="checkbox"/> Multifrequency            | <input type="checkbox"/> Signal Level      |
| Name _____   |  |
| Co. or organization _____                          |  |
| Address _____                                      |  |
| City _____   |  |
| State _____ Zip _____                              |  |

tions, telemetry and multichannel links. Model 2300B is priced at \$2,650.

A new 35mm 2000-ft shipping reel made of Plio-Magic has been announced by Plastic Reel Corp. of America, 640 South Commercial Ave., Carlstadt, NJ 07072. The new reel weighs 1 lb as compared to the weight of a steel reel of about 2½ lb. The Plio-Magic reels are resistant to bending, breaking, binding, warping and chipping.

Two new electronic counters, with high-stability crystal time bases, 25-mV sensitivity, that ratio as well as frequency measurements, have been announced by Hewlett-Packard, 1501 Page Mill Rd., Palo Alto, CA 94304. The displays are high-visibility 7-segment LED's. The 80-MHz Model 5381A, presents a 7-digit display. Model 5382A counts to 225 MHz and displays 8 digits. Resolution of each instrument is 10 Hz at 0.1-s gate time, 1 Hz at 1 s and 0.1 Hz in 10 s. Both instruments can operate on external precision time-base

through a built-in rear connector, working at levels from 250 mV to 25 V. Price of Model 5381A is \$249; 5382A is priced at \$450.

**Video-Tise** (Advertising Through Videocassette), a new videocassette system designed to enable advertisers to tell their stories in color, sound and motion at the point of purchase, has been announced by Video-Tise, Inc., Cinevideo City, Woodbury, NY 11797. The display unit consists of a cabinet, about 5 ft high, 2 ft wide and 2 ft deep, equipped with a 17-in color TV set, a Sony U-Matic videocassette player and other electronic components. Operation is automatic. The unit can be set to rewind and repeat up to a one-hour program automatically by throwing one interior hidden switch. The machine operates on a 110-V line; and a built-in timer and counter provide an automatic check of the number of plays. In addition to advertising, the Video-Tise can be programmed as a communications or educational medium. It is available on a rental basis.

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per inch \$26.00

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Oxberry 16mm Animation Stand, Model TE Unistand with Model 26 camera, automatic focus, 28, 55mm lenses, 400 ft. mag., rotoscope, other features. Excellent condition. Best offer over \$10,000. Herb Smith (713) 780-4881.

Willing to re-locate. For details write: James Elliott, 5230 Wythe Ave., Richmond, Va. 23226.

## Positions Available

**Production Supervisor/Shop Foreman.** Growing manufacturer of motion-picture laboratory equipment seeks young, aggressive machinist for junior management position. Must have laboratory experience or equivalent. Salary and fringe benefits commensurate with background. Foreign applicants invited. Contact Clay Ogletree, Carter Equipment Co., Inc., 1050 W. Florence Ave., Inglewood, CA 90301; (213) 677-6117.

**TV Maintenance/Operations Engineer.** For Public TV color station in W. Virginia. Excellent opportunities, geographic area, and equipment. Forward resume to: Mr. E. J. Podeszwa, Personnel Officer, West Virginia University, Morgantown, WV 26506. An equal opportunity/affirmative action employer.

**Animation Cameraman.** Experience desirable. Top professional and technical skill needed for a top studio. Experimental graphics and stop motion. Unique staff opportunity to join one of the best in the country. Goldsholl Associates, Inc. Call Tom Freese or Morton Goldsholl (312) 446-8300

**Film Laboratory Supervisor.** To take full charge of small but growing lab in the midwest. Must be a leader and supervise production personnel. Should be experienced in all phases of motion-picture laboratory work, timing, printing, processing and quality control. Should have full knowledge of b&w and color, both negative and positive. Send complete resume to P.O. Box 1576, South Bend, IN 46634

**Systems Development Engineer.** Two years experience with digital circuitry required, with good working knowledge of motion-picture and video tape equipment. The engineer must be innovative and able to take responsibility for moving products from R&D to production with minimum supervision. Work will lead to involvement with mini-computer film and VTR production systems. Applicant should enjoy country living. Send resume to Inner Space Systems Inc., 102 W. Nelson St., Deerfield, Wis. 53531. All replies confidential.



**employment service**

These notices are published for the service of the membership and the field. They are inserted three months, at no charge to the member. The Society's address cannot be used for replies.

## Positions Wanted

**Television & Audio/Visual Engineer/Manager** seeking a position with a growing communications facility. Five years of experience in planning, design, installation, operations and maintenance of video, audio, and audio/visual systems. Four years of experience in television production activities. Write or call Ken Wollny, 155 Kings Rd., Madison, NJ 07940 (201) 822-3065

**Film Production.** Young man interested in working with a film company on TV spots, features, or documentary film production. Familiar with film production and equipment. Will start at bottom.

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**EXPERIMENTERS SELECT ITEMS**  
16mm Maurer 05 sync sound camera, w/  
animation motor; TRAIID (B-&H 16mm) high-  
speed camera; 28-V motor; 35mm Eyemo 3-lens  
turret; 200 lenses; 10 in. transparency opaque  
proj.; 16mm repeater sound proj.; mike booms &  
recording console; studio lights; Salzman &  
B-&H tripods, rewinds, splicers, many other  
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**TUFF COAT**  
Anti-static film cleaner, invisibly coats and  
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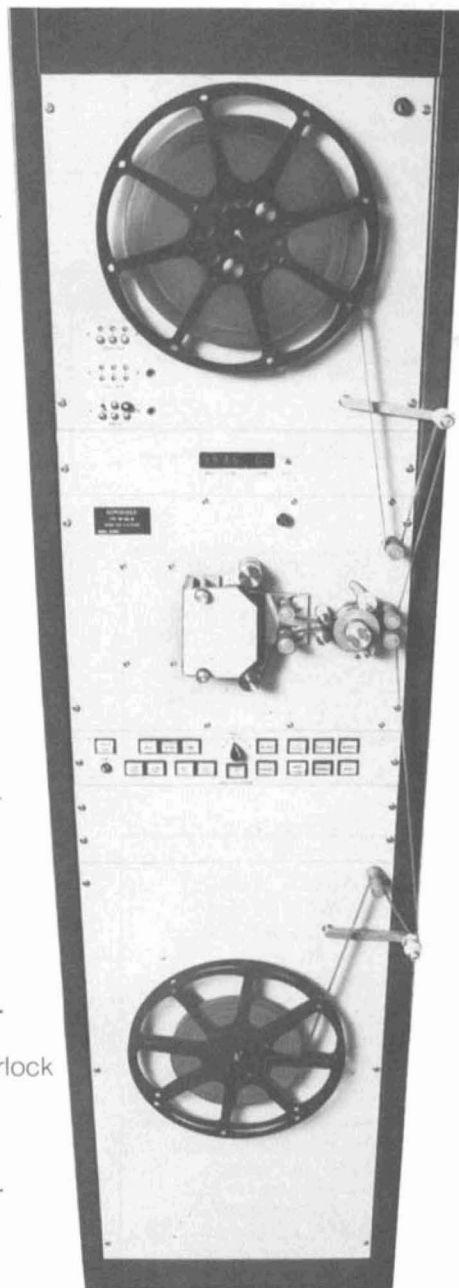
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The state of the art in film sound just took a giant step forward. In Speed, Flexibility, Safety, and Ease of Operation. For sound transfers, looping, re-recording, double-system screening and telecine interlock.

Magna-Tech's new 600 Series is the reason. This versatile new system features electronic interlock, foolproof IC logic and improved mechanical and electrical design. Incorporating traditional Magna-Tech reliability and durability, the MTE 600 Series provides expanded capabilities and superior performance in any application from the most compact studio to the largest mixing complex.

Among its many features are:

- stepping motor sprocket drive
  - optical/electronic high-speed interlock system
  - local or remote advance/retard of individual films in interlock
  - operates at 6-times-sync speed through sprocket in interlock with Magna-Tech high-speed intermittent projector, via optical encoder
  - operates 10-times-sync speed in interlock with video tape recorder
  - operates local at sync and 10-times-speed through the sprocket
  - 115/220 volt—50 or 60 Hz operation
- 
- flywheel accelerators for rapid start
  - film retracted from heads in all modes except sync speed forward
  - servo-controlled film take-up tension provides gentle handling of spliced tracks
  - automatic safety shutdown
- 
- compatible with conventional interlock systems
  - multiple machine operation—as many as desired—in interlock via distribution amplifier
  - 6-buss interlock selector switch for studio delegation
  - can be cued on and off buss while running in interlock
- 
- pushbutton-selected 16 or 35 speed and 24 or 25 frame rate, forward or reverse
  - local inching forward or reverse
  - plug-in head assemblies for play-only or erase/record/play, interchangeable for 16, 35, 17½ and multi-tracks
  - multi-track pick-up recording with selective erase
  - 3000-foot (1000-meter) reel capacity



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