

Closed Circuit Data Book

By Leonard Spinrad. Published (1955) by Leonard Spinrad, 511 E. 20 St., New York 10. 72 pp. 8½ × 11 in. Paper covered. Price \$10.00.

A growing industry which now has behind it well over 200 closed-circuit telecasts is the basis for the data in Mr. Spinrad's compilation which includes listing of the personnel of every active closed-circuit production company, details of all available closed-circuit projection equipment and a full directory covering this TV medium such as rates, available cities for both black-and-white and color, labor

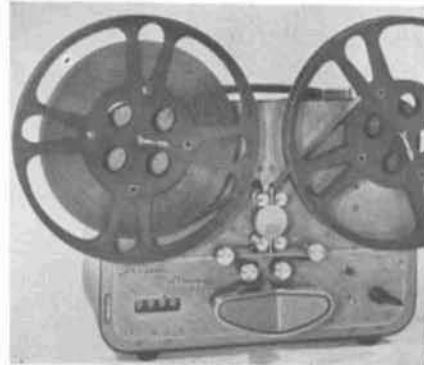
unions and descriptions of the various types of closed-circuit operations. There is a review of the position of the government regarding channels for closed-circuit telecasting, which is of special interest in connection with current TV special-channel applications pending before the Federal Communications Commission.

The chronology of telecasts is indexed by subject, arranged by date and also indexed by sponsor's and producer's organization names. The number of closed-circuit telecasts is reported as doubling from year to year making a future industry for which this Data Book is a good introduction.—V.A.



new products (and developments)

.....
Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.



The Model S6 system is a new line of professional magnetic film equipment recently announced by Stancil-Hoffman Corp., 921 North Highland Ave., Hollywood 38. A chief aim of the new design was to make portable recording systems that can be operated from normal a-c sources or batteries.

The studio production unit consists of three cases 10½ × 14½ × 6 in., one case containing a two-channel microphone preamplifier mixer with announce microphone and buzzer system, the second case containing the recording amplifier, playback amplifier and power supply, and the third case containing the film transport or sprocket drive and being the heaviest of the three, weighing 24 lb and having a film capacity of 1000 ft.

One of the S6 systems is complete within a single case, using a subminiature printed circuit automatic volume-control amplifier.

The S6 system is designed about a 24-v battery supply because of the practical availability of such. A full line of inverters and converters is reported available for any camera and recorder combination. There are also many accessories for use with the system which is for 16mm or 17½mm film.

The Intervalometer has been designed to enable the flight engineer to select a basic rate for pulsing cameras which record flight data, with either additional single-frame operation or pre-set cine rates. Called the Gordent 15, this model provides a preset pulse duration of from 100 msec to 1 sec, and a normal pulse frequency of from one pulse each ½ sec to one pulse every 60 sec, in steps of ½ sec. When a pulsation from a

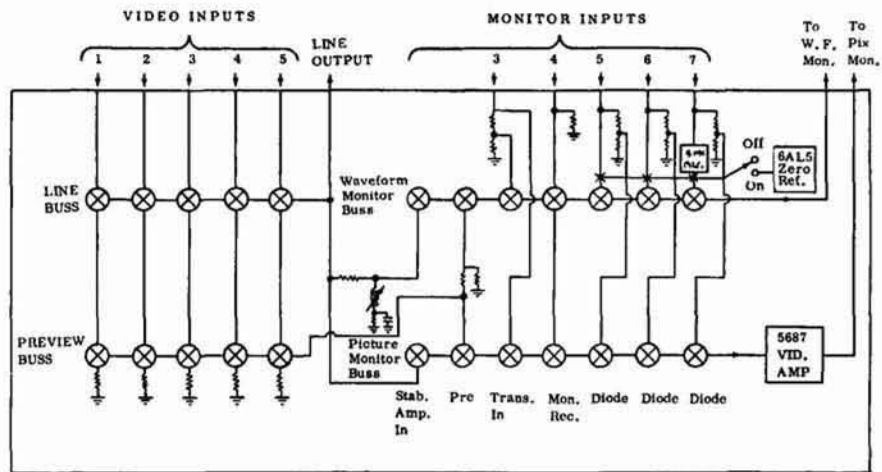
FOR A QUICK
Monday morning rundown
of the big news and
the basic trends & developments
in telecasting
and in the TV-radio-electronics trade—
practically every major executive
concerned with TV
and its related arts
reads "THE DIGEST"

Television Digest with **ELECTRONICS REPORTS**
WYATT BUILDING WASHINGTON 5, D. C.

... Written so that he who runs may read



single-frame or cine operation occurs at the same time as a pulsation from the basic-rate function of the unit, an electronic bypass prevents feedback. Thus, the cine or single-frame functions are in addition to, rather than instead of, the basic pulse rate. The unit was developed by Gordon Enterprises, 5362 North Cahucnga Blvd., North Hollywood, Calif., in cooperation with the Instruments Div., Air Force Flight Test Center, Air Research and Development Cmd., Edwards AFB, Calif.



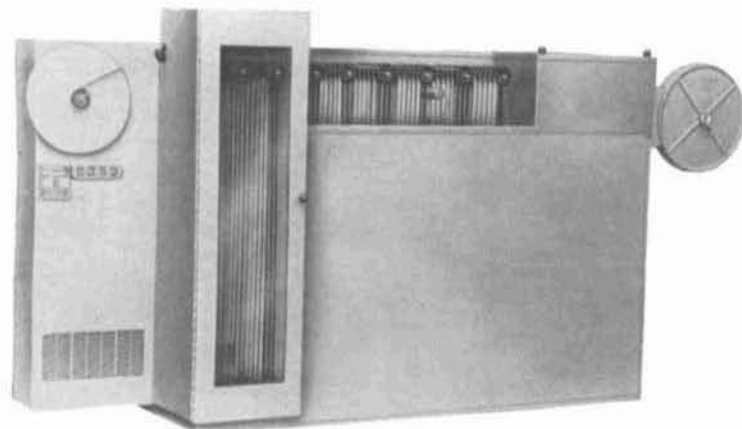
The Type 5304-A Video Switch Unit is a combined program and monitor switching device designed primarily for television transmitter locations or small studio control-room operations. This inexpensive unit is designed to provide facilities for switching any one of five input signals to a single output buss. In addition, separate picture and waveform monitor outputs permit previewing of any of the five input signals, the output signal or any of five other monitor input signals (see diagram).

A built-in zero reference or d-c "chopper" diode switchable to any one of three of the five monitoring inputs allows modulation checks on a demodulated TV signal. Interlocked audio and video switching may be

accomplished through the use of five separate audio input jacks switchable to a single output buss, the audio switching being performed simultaneously with the selection of a video channel. This unit requires only 5½ in. of 19-in. rack mounting space. For further information, Bulletin TR-812 is available from Allen B. Du Mont Laboratories, Inc., 1500 Main Ave., Clifton, N.J.

Membership Certificates (Active and Associate members only). Attractive hand-engrossed certificates, suitable for framing for display in offices or homes, may be obtained by writing to Society headquarters, at 55 West 42d St., New York 36, Price: \$2.50.

NOW! MOST ADVANCED REVERSAL ON MARKET FOR ONLY \$2495!



- Processes reversal films at 900 ft. per hour
- Handles negative and positive film at speeds up to 1000 ft. per hour
- SIZE: 76" x 48" x 24"
- WEIGHT: 450 lbs crated
- PRICE: \$2495 F.O.B. Milford, Conn. Accessories additional

Write today for full details and literature

FILMLINE

MODEL R15 REVERSAL FILM PROCESSOR

NEW DESIGN CONCEPT! Units removable for cleaning. Eliminates maintenance.

NEW SIMPLICITY OF OPERATION!

NEW EXCLUSIVE OVERDRIVE! Eliminates film breakage, slack buildup, automatically compensates for film elongation.

NEW COMPLETE DAYLIGHT OPERATION! No darkroom. Removable daylight magazine

NEW QUALITY THROUGHOUT! Heavy gauge stainless steel tanks. Filtered air intake.

AMAZING NEW PERFORMANCE PROVED BY ACTUAL OPERATION IN HUNDREDS OF CUSTOM FILMLINE INSTALLATIONS

Filmline leads the field in engineering and manufacturing standard and custom 16-35-70MM b & w and color film processing machines of all types.

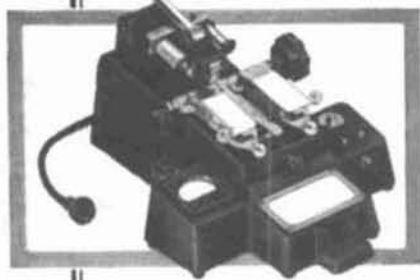
Filmline corp. ERNA STREET, MILFORD, CONN.

Miracle PRESTO SPLICER

Now available for splicing all kinds of film including

Cronar (Polyester Base), Cinemascope etc., neg or print and Magnetic film or track.

- * NO CEMENT
 - * NO LOST PICTURE
 - * NO SCRAPING
- In 10 Seconds!**



Check these advantages:

- A film fusion (butt-weld), end-to-end, No Double Thickness.
- No drying, no overlap
- No lights required

NEW, TOO . . . MT-1M PRESTO SPLICER

for welding together
1/4 MYLAR & ACETATE TAPES
without cement or adhesives



- Diagonal cut capable of withstanding 3 pound pull
 - Inaudible with playback amplifier gain at maximum
- \$67.** f.o.b.

Modernize your Picture Technique!
Send for Literature & Sample Splice!

PRESTOSEAL MFG. CORP.
3727 33rd St., Long Island City 1, N.Y.



Photographing and studying traffic has been instituted by the New Hampshire Dept. of Public Works and Highways, using an industrial television camera as shown above operated from a bridge, with the results shown on a monitor or on a TV screen in the Dept's administration building several miles away. The camera and monitor are those of General Precision Laboratory Inc., Pleasantville, N.Y., and



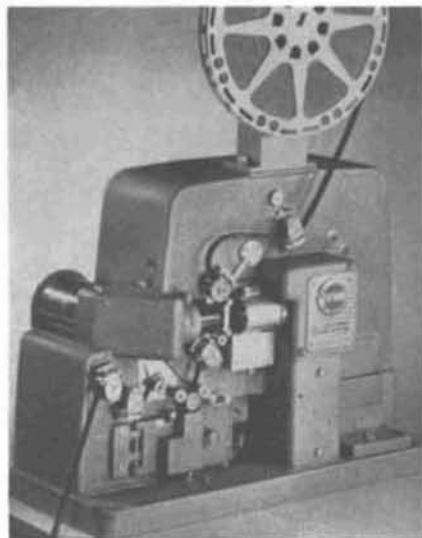
the microwave link equipment is that of Raytheon Mfg. Co., Waltham 54, Mass. The New Hampshire department has also demonstrated an automatic toll collector and a radar-operated warning signal which lights up suddenly when a speeding car approaches. "Slow down!" it says, "You are speeding!" This sign is activated by the vehicle itself.

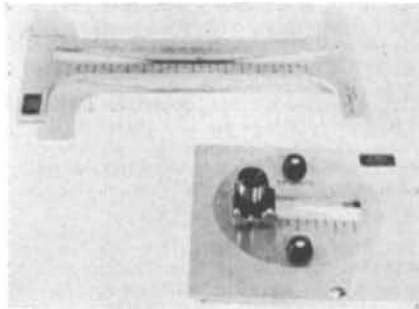


The new Eastman 16mm Continuous Projector, Model 300, has been designed to improve the quality of color television film programs through providing a continuous, uniformly illustrated image. Newly designed, except for the sound-head which is that of the Eastman Model 25 Projector, special features include an $f/1.6$ optical system and automatic compensation for film shrinkage by means of a special sprocket. The optical system has a collimating lens of 25-in. focal length; tilting, rotating mirrors to compensate for film travel; and a 3-in. $f/1.6$ objective lens focused on the film. A flying-spot television tube is used as the light source. A full technical description appeared in the June *Journal*, and further information about it is available from Motion Picture Sales Dept., Eastman Kodak Co., Rochester 4, N.Y.

The FL-1001 TV Projector is a product of the Fleetwood Corp., 1037 Custer Dr., Toledo 12, Ohio. Designed for closed-circuit TV conferences and demonstrations, as well as for use in smaller theaters and hotels, it projects a picture large enough to be viewed by several hundred people — up to 9 x 12 ft. Designed to receive all channels, the projector operates on 110-v a-c. Overall size of the unit is 2 ft wide, 3 ft deep and 4 ft high. It weighs about 400 lb.

A mobile audio-visual truck is another new unit designed by Fleetwood Corp. primarily for roadshow operators in this country and for foreign government use.





The Focalscope is a new instrument for checking aerial camera focus and lens collimation developed by Gordon Enterprises, 5362 N. Cahuenga Blvd., North Hollywood, Calif., under contract with the U.S. Air Force, Gentile Air Force Depot, Dayton, Ohio. The instrument can be used by the camera repair technician when making installations, and the aerial camera man during flight may check the accuracy of the focus to insure sharp pictures, since both altitude and temperature changes may affect lens focus. The unit contains a low-powered microscope on which verniers are mounted and it functions like a portable optical bench. Used as an autocollimator it employs a self-contained light source which is projected from the instrument through the camera body and lens and reflected back into the eyepiece, the lens acting as its own collimator. The instrument can be adapted to use on both 9 X 9 in. and 9 X 18 in. film sizes.



The Dual Reader is a new equipment for 16mm film editing, consisting of an optical sound reproduction unit, a combination amplifier-speaker, and a baseplate to which any 16mm motion-picture viewer can be added and used with sound. The soundhead can be adjusted so that the picture and sound are separated by exactly 26 frames for synchronization, and can be positioned for both single- and double-track systems. The optical slit with pre-focused exciter lamp socket will read either variable area or density track. It has a 4-w amplifier and built-in Alnico speaker. A separate exciter lamp rheostat control is incorporated to permit varying the intensity for hi-fidelity sound. The equipment operates on 110-120 v, 60 cycles a-c, is priced at \$195.00, with descriptive literature available from The Camera Mart, 1845 Broadway, New York 23.

Cine-Kodak Tri-X C-P Reversal Film is a new product recently released by Eastman Kodak Co., with information from its Editorial Service Bureau, 343 State St.,

Rochester 4, N.Y. The high-speed Kodak Tri-X emulsion on 16mm reversal film, allowing a daylight exposure index of 200, with a tungsten index of 160, makes it suitable for relatively unfavorable lighting conditions. Processing will be done by the purchaser or through independent 16mm processing laboratories. It will withstand somewhat higher processing temperatures than Kodak Super-XX C-P Reversal Film and is reported to possess sufficient exposure and development latitude to permit its use at speeds higher than its normally rated speed under some circumstances. With only minor sacrifices in speed and graininess, the film may also be used to yield negative images.

Although the film is very sensitive to light, it can be used in a camera with fixed shutter speeds for bright sunlit scenes by placing a filter over the camera lens. It is available in 100- and 200-ft spools, and in 400-ft rolls for darkroom loading, either double perforated or perforated one side. It is also supplied on special order spooled for the Kodak High-Speed Camera or 16mm Fastax Camera. Price of the 100-ft roll on camera spool, without processing, is \$4.85.

Equalizers and Wave Filters is Catalog 12-E of 16 solid pages giving specifications, characteristics and case studies exemplifying applications of some 19 filters, equalizers and kits. It is available from Cinema Engineering Co., 1100 Chestnut St., Burbank, Calif.

COLOR TEST FILMS AND SLIDES FOR TELEVISION STATIONS

SMPTE now has available 35mm and 16mm color television test films and slides designed for TV station use under specifications set up by the SMPTE Television Committee—representing the quality of color material obtainable from Ansco, Technicolor and Eastman prints.

- The picture-only films have three sections of five scenes each.
- Gray scale at start of first scene can be used in set-up or for adjusting signal generating equipment so that the chrominance subcarrier vanishes with given set-up.
- Same high quality picture material in both films and slides.
- Slides include one black-and-white chart of the alignment and resolution target used in standard television test films.
- All scenes illuminated for shooting with a lighting ratio of approximately 2:1; i.e. key light was twice fill light, measured in foot candles.

35mm Color TV Test Film—approx. 700 ft.

16mm Color TV Test Film—approx. 280 ft.

Set of 10 2 X 2 in. Slides

SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

55 West 42nd Street, New York 36

Tel: LOngacre 5-0172