

## ~ New Products ~

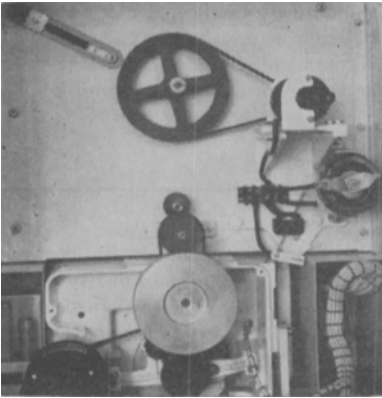
Further information concerning the material described below can be obtained by writing direct to the manufacturers. As in the case of technical papers, publication of these news items does not constitute endorsement of the manufacturer's statements nor of his products.

### New Westrex Equipment

#### *Automatic Rewind*

Westrex Corporation, 111 Eighth Avenue, New York 11, N. Y., recently has made available its automatic rewind for the Westrex RR3S and RR3SP re-recorders.

The AR3 automatic rewind is an optional accessory for the Westrex RR3S and RR3SP re-recorders, providing



Automatic Rewind

facilities for rewinding a full reel in less than one minute. The automatic rewind includes a 110-volt,  $\frac{1}{8}$ -horsepower series-wound motor, a motor speed control which may be preset to the desired rewind speed, and a film-roller-operated microswitch which automatically disconnects the motor when the film end passes under the roller.

The same microswitch is used to turn the device on and off, and no other operational controls or adjustments are required. For rewinding, the rewind motor drives the feed reel of the re-recorder through a pulley. During the running of film through the reproducer, the rewind motor idles, being driven from the feed spindle. Thus, no clutch change-over device is required. The automatic rewind has been designed to include standard parts which are simple and sturdy so that maintenance requirements may be kept at a minimum. The equipment may be easily installed, as existing holes are used for mounting the motor bracket.

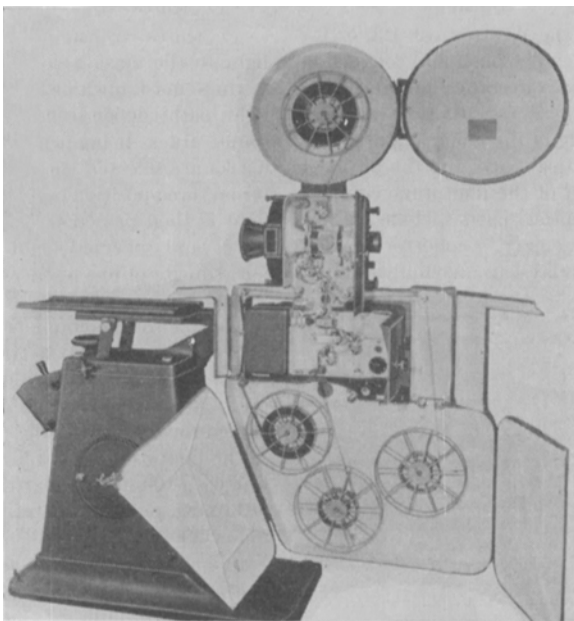
#### *Double-Film Attachment and Loop Adapter*

The Westrex R2-3 double-film attachment was designed for use with Century projectors and Westrex R2, R3, or R4 reproducers, and may be adapted for installation on certain other types of projectors. A projector equipped with this attachment may be used for reviewing separate picture and sound print "rushes," or for re-recording from a separate sound print. In addition, the normal operation of the projector is retained.

The R2-3 double-film attachment consists of a large lower magazine, installed in place of the Century take-up magazine, and two film chutes which provide a path for guiding the film around the projector. The sound feed and take-up reels are located at the left

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Double Film Attachment and Loop Adapter

in the lower magazine, and the picture take-up reel is at the right as viewed from the operator's side of the projector. The reels are arranged to simplify all threading operations.

The RL2-3 loop adapter consists of a large aluminum film container which fits into the lower magazine of the R2-3 double-film attachment. This optional equipment provides for the running of picture and, or, sound loops for scoring, dubbing, or re-recording purposes. Film loops of between 9 and 150 feet are accommodated.

The loop adapter may be rapidly in-

stalled or removed, being held in position with three knurled screws. Threading operations for either reels or loops have been greatly simplified as no external film-guide rollers are required.

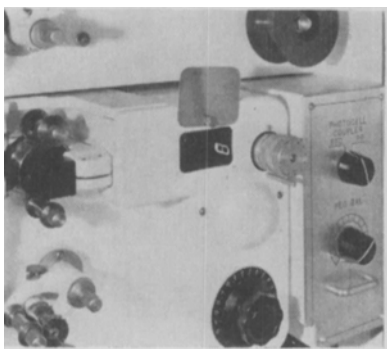
### *Push-Pull Conversion Parts*

The Westrex Series of P-200 push-pull conversion parts for Westrex recorders consists of a complete optical system and a phototube coupler which provide for the selective reproduction of 100-mil standard, 100-mil push-pull, or 200-mil, push-pull 35-mm area or density film in the Westrex RR3S re-

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recorder or the Westrex R2, R3, or R4 reproducers. The push-pull conversion parts for the re-recorder and all of the reproducers are essentially the same, differing only in the mounting brackets for some optical parts and the physical arrangement of the phototube coupler. The basic optical parts include a scanning-lens assembly, a collector-lens assembly, a relay-lens assembly, and a



Push-Pull Conversion Parts

mask assembly. The scanning beam of light on the film is 230 mils long to cover adequately all types of sound tracks now in use. The collector and

relay lenses transfer the modulated light to the mask assembly where one of three mask openings is placed in the light path, depending on the type of sound track being reproduced. The masks are selected by means of an external three-position control knob. The light is then passed through separator lenses and reflected from a front-surfaced mirror onto a dual-cathode phototube.

The phototube coupler consists of a phototube mesh and a triode cathode follower which provides a 600-ohm output. An external switch control is included for connecting the dual-cathode of the phototube in parallel, for operation with 100-mil standard sound track, or in push-pull, for operation with 100-mil or 200-mil push-pull sound track.

In operation, the mask assembly control is preset in the 100-mil standard, 100-mil push-pull, or 200-mil push-pull position and the phototube coupler control is preset in the standard or push-pull position. No other operational adjustment is required.

The series P-200 push-pull conversion parts can be readily installed as they are designed to fit existing mounting details.