



### RCA 1600

The newer RCA projector features a slightly modified threading path and an *optional* attachment for automatic threading.

In THREADING the projector, note the following:

1. The reel arms are mounted on the machine. A button located in the center of each reel arm is depressed to release and lock the reel arms into position. The front reel arm swings forward and up. The rear arm swings up and back.
2. Sprocket guards, one on each of the sprockets above and below the lens, are spring-loaded; hence they must be held open *while* inserting or removing film. When inserting film during threading, *make certain* the film is securely fastened over the sprocket teeth. Test by closing the sprocket guard and pulling gently on the film.
3. To begin threading, pull about five feet of film from the feed reel. Open the lens gate by pulling the lens barrel away from the face of the projector. Insert an area from about the middle of the loose film in the film channel, behind the lens, and close the lens gate to hold the film.
4. Thread the film *under* the top sprocket wheel, making certain there is a film loop above the lens. Make certain the Rewind lever is down, in a *horizontal* position.
5. Thread the film below the lens over the sound drum, leaving a loop below the lens. To slip the film over the sound drum, depress the Pressure Release to insert the film.
6. Fasten the film *under* the lower sprocket by holding the sprocket clamp open while inserting the film. Test to make certain that the sprocket teeth engage the film.

In REWINDING the film, note the following:

1. Connect the film from the rear reel to the front reel. The film passes *under* the front reel for correct rewind.
2. Turn the main control switch (the bottom of three switches at the rear-front of projector) to the Reverse-Rewind position.
3. Press the Rewind switch (above the lens) *up* to the correct rewind position.

The projector is equipped with a special small-core reel which can hold 1,000 feet of film.

When closing the machine after use, double check the cover fastening to make certain it is solidly attached.

*Note:* Some models of this machine will have a still-picture control located in the center of the framer knob (at the top and immediately behind the lens-gate area).

**The Optional Threading Attachment:** An optional attachment is available for automatic threading of the machine. The attachment has two prongs which are inserted into holes above and below the lens. This placement covers all threading from the first sprocket wheel through the lower sprocket wheel. The film must first be cut to a square end by using a cutter bar at the slot below the sound drum. After the cutting, insert the film under the top sprocket, with the motor running. The threading attachment can be used only with a special sound-lamp cover. The attachment is *pulled away* from the face of the machine *during projection* of the film; there is a positive stop position on the attachment prongs which permits it to remain on the machine but not in the threading path during projection. The attachment can be removed completely at any time for retreading or removal of the film.