

**SIXTEEN MM
MOVIE PROJECTOR
OPERATING
INSTRUCTIONS**

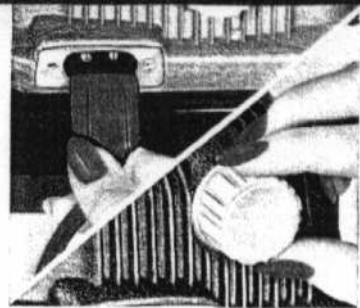
48

Revere

OPERATING INSTRUCTIONS



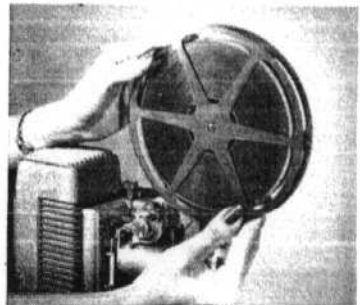
Place projector on a firm table. Unsnap case locks and remove cover by lifting up. Set up screen (see page 4 for projector to screen distances).



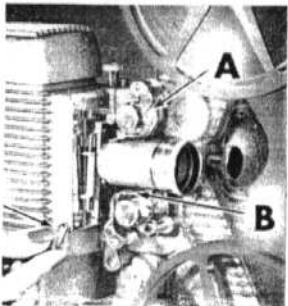
Plug in power cord in rear receptacle. Revere Model 48 projector is designed for AC or DC operation. Turn TILT CONTROL KNOB to center picture on screen.



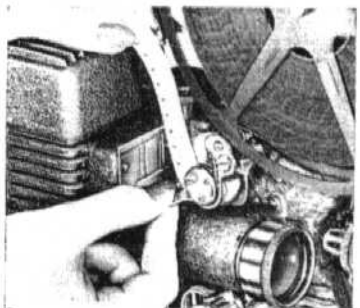
Before threading film, make certain CLUTCH LEVER is in "OFF" position and REWIND-TAKEUP LEVER is in forward position facing screen.



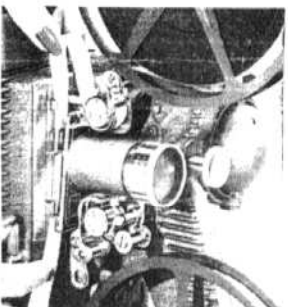
Seat full reel of film on UPPER SPINDLE with the square hole of reel towards the hub of the spindle. Properly spooled film should unwind from the front of the reel with dull (emulsion side) of film toward screen.



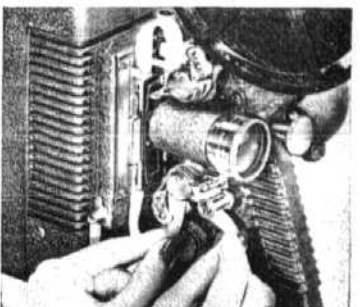
Unsnap UPPER and LOWER FILM RETAINERS (A & B). Turn FILM GATE LEVER (C) "UP" to open film gate.



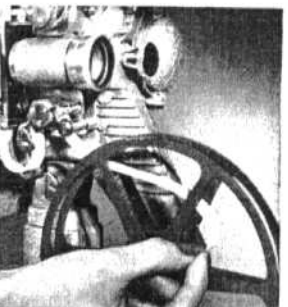
Unspool about two feet of film for threading. Place film between UPPER FILM RETAINER and UPPER SPROCKET. Engage film perforations with sprocket teeth. Snap UPPER FILM RETAINER closed.



Form an upper film loop about 1 1/2 inches high. Set film into aperture track. Make certain film is between guides. Turn FILM GATE LEVER "DOWN" to close gate.



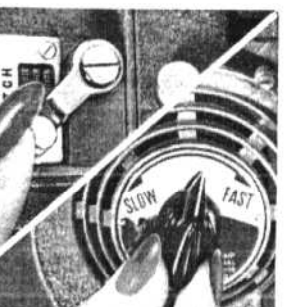
Place film over LOWER SPROCKET. Form a film loop about the same size as the upper loop. Engage film perforations with the sprocket teeth. Snap LOWER FILM RETAINER closed.



With film properly threaded, pick up end of film leader and engage into hub slot of the LOWER TAKEUP REEL. Wind reel forward to take up excess film slack.



Turn MOTOR-LAMP SWITCH to right until two clicks are felt. First click position starts blower . . . second turns on lamp.



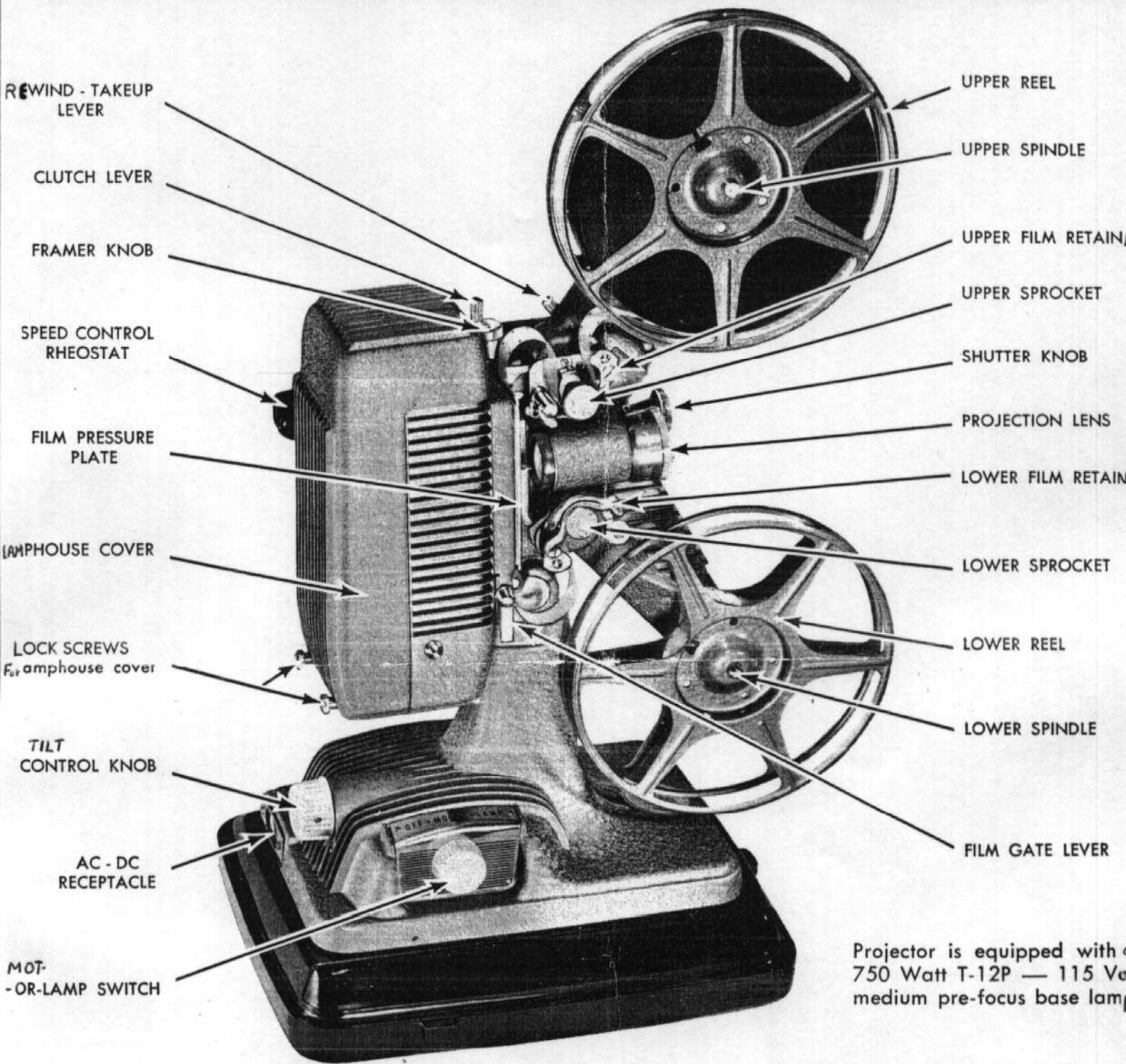
Pull CLUTCH LEVER back to "ON" position to start film in motion. Adjust SPEED CONTROL RHEOSTAT so that picture on screen is just above flicker point.



Focus LENS by rotating barrel until picture on screen is sharp. Once properly focused, lens will maintain correct focus throughout entire showing.

IMPORTANT To stop projector, when film runs out, first push CLUTCH LEVER to "OFF" position. Then turn "OFF" MOTOR-LAMP SWITCH.

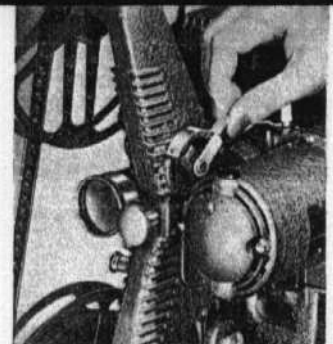
KNOW YOUR PROJECTOR!



Projector is equipped with a 750 Watt T-12P — 115 Volt medium pre-focus base lamp.

REWINDING FILM

- To rewind, feed film directly from full TAKEUP REEL, on bottom, to empty reel on top.
- Make certain CLUTCH LEVER is in "OFF" position.
- Move REWIND-TAKEUP LEVER to REWIND position. (See illustration.)
- Turn on MOTOR-LAMP switch to first click "MOTOR" position.
- Pull CLUTCH LEVER back to "ON" position. To speed up rewind operation, turn SPEED CONTROL RHEOSTAT to "FAST".
- When all the film is back on UPPER REEL, push CLUTCH LEVER back to "OFF" position . . . switch "OFF" MOTOR . . . and return REWIND-TAKEUP LEVER to forward "TAKEUP" position.



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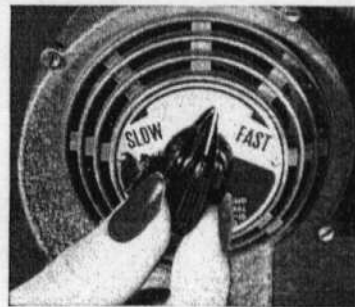


FRAMING

If frame line of film is visible on the screen, picture may be quickly re-centered by turning the FRAMER KNOB to the right or left until correction is made.

RHEOSTAT SPEED CONTROL

Speed adjustment permits projector operation at speeds faster than normal or to speed up rewinding. Also used in monitoring Revere Synchro Tape, a special "STROBE" recording tape used in adding personal sound to home movies. Further details on request.



STILL

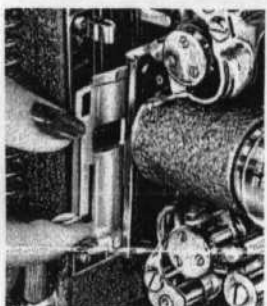
Candid "STILL" picture studies may be viewed simply by moving CLUTCH LEVER to "OFF" position. If light does not pass through the lens, revolve SHUTTER KNOB until picture appears on the screen.

REEL COMPARTMENT

Stores one reel of film and empty takeup reel. Allows you to carry 400 feet of movies with the projector. Its convenience speeds setup time.



NTENANCE



CLEANING FILM APERTURE

When FILM GATE is open, FILM PRESSURE PLATE may be removed for cleaning. For SHARPLY OUTLINED PICTURES, this plate as well as the aperture opening in the film aperture track, should be carefully wiped to eliminate all lint.

REPLACING LAMP

Remove LAMPHOUSE COVER after loosening two lock screws. To remove lamp, press down on top of bulb and turn counter clock-wise. To replace with new lamp, align large ear, in lamp base, with large slot in socket. Press down and turn clock-wise until in indexed position.



LENS

The front and back of the projector lens, should be gently wiped with a soft lintless tissue whenever necessary. DO NOT TAKE LENS APART.

LUBRICATION

After ten hours of actual operation, projector should be lubricated with a few drops of light machine oil in each of the 7 holes indicated. Proper lubrication will assure long, trouble-free performance.



JECTION CHART

SCREEN SIZE	30" x 40"	37" x 50"	45" x 60"	52" x 70"
IS FOCAL LENGTH	PROJECTOR TO SCREEN DISTANCE			
NCH STANDARD	17' 3"	21' 8"	26'	30'
NCH	26'	32' 5"	39'	45'
NCH	34' 6"	43' 4"	52'	60'

*Supplied with projector

TORY SERVICE

Revere Model 48 Projector may be returned for cleaning, adjustment or repairing when necessary. Our charges are nominal in cases, and any defective parts will be replaced without charge. Send projector to:

Revere Camera Company
Projector Service Department
320 East 21st Street, Chicago 16, Ill.