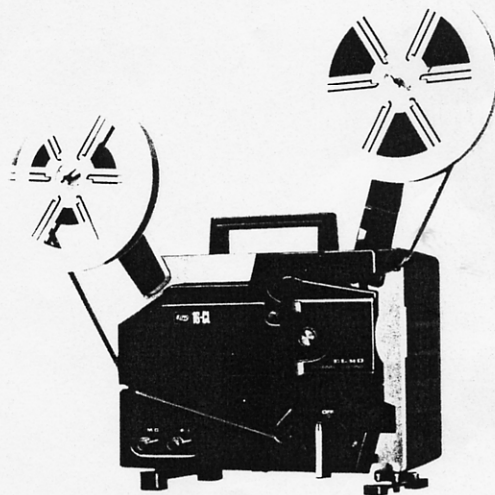


**16mm**  
**CHANNEL LOADING**  
**SOUND PROJECTOR**

**ELMO**

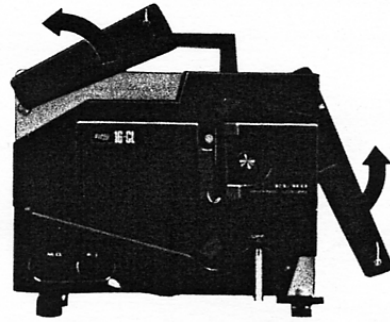
**16-CL/16-CL**  
OPTICAL



**Instruction Manual**

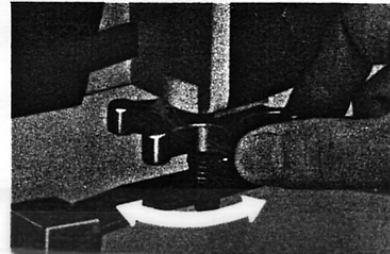


## Preparation for projection

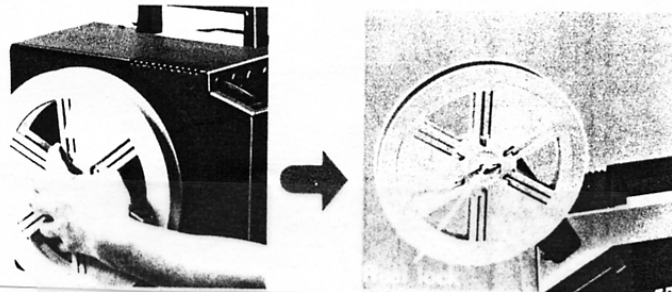
- 1** Set up your projector and screen properly.  
For steady projection, place the projector on a sturdy support at right angle to the screen.
- 2** Making sure the master control power switch is at OFF, connect the built-in power cord, which is stored in the top side receptacle of the projector, to the AC electrical outlet.
- 3** Pull up the feed reel arm and take-up reel arm to maximum stop position.



- 4** Turn the master control switch clockwise to  through , which will turn the projector on forward and switch on the lamp. Then make adjustment for the projector and screen positions for appropriate picture size. After the set-up is completed, turn the master control switch counter-clockwise to OFF position.

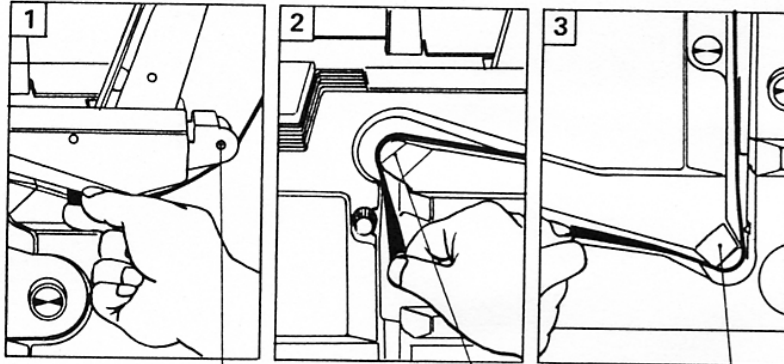


- 5** Install the take-up reel 240m (800ft.), which is stored on the rear of the projector, on the rear reel spindle. The reel capacity of the projector is max. 600m (2,000ft.). Also install the feed reel on the front reel spindle. At this time, be sure to set the reel in correct position by turning down the reel locks.

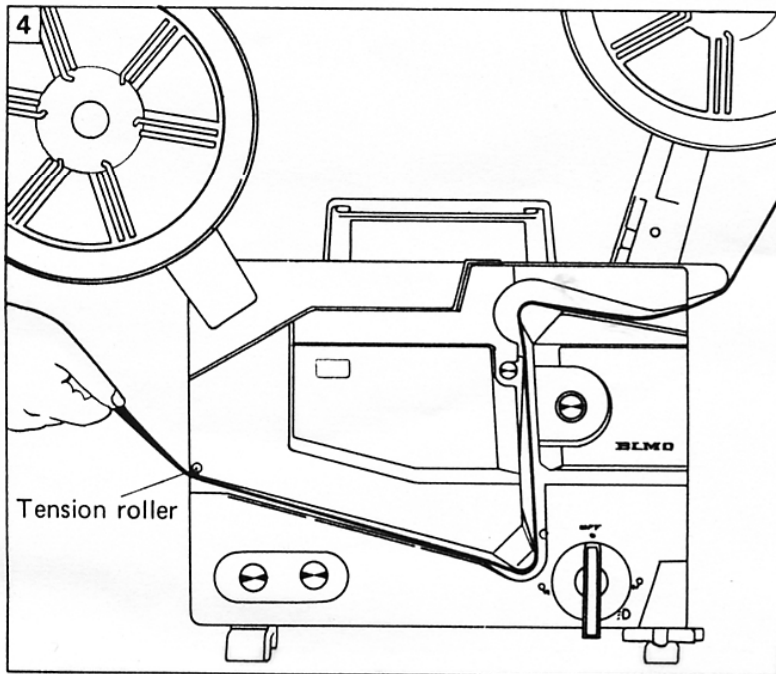


# Film threading

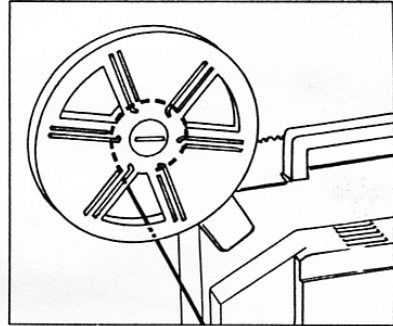
- 1 Hold the tip of the film leader between thumb and index finger – then pull the leader first through the slot-in roller, next over the No. 1 and No. 2 rollers and finally over the tension roller.



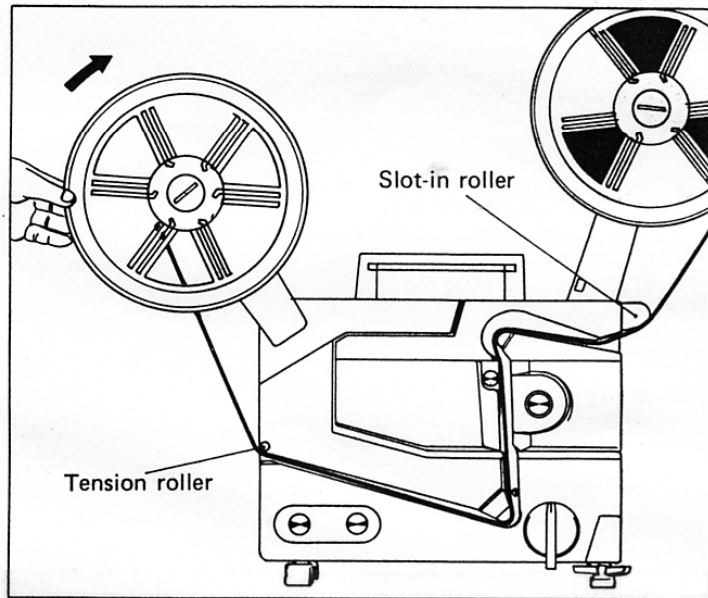
Slot-in roller Threading guide No.1 Threading guide No.2





- 2** After the film threading is completed, wind the leader on the take-up reel.



- 3** Make sure the film is properly threaded through the channel by turning the take-up reel clockwise with hand.

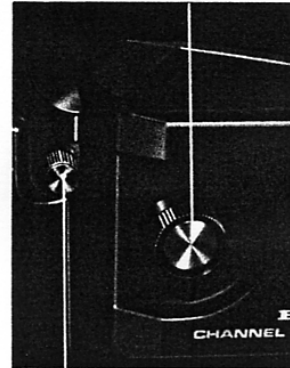


# Projection

- 1 Turn the master control switch clockwise to , then turn it further to , and the lamp is switched on and simultaneously the projector starts forward.

- 2 Adjust focusing by turning the focusing knob.

Focusing knob



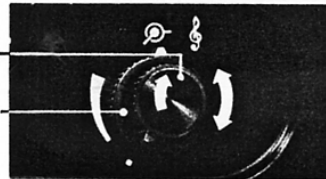
- 3 If a frame line appears on the screen, adjust the framing knob to left or right.

Framing knob

- 4 Adjust the sound volume by turning the outer volume control knob clockwise. Adjust the sound tone by turning the inner tone control knob: Turn it clockwise or counterclockwise for treble control.

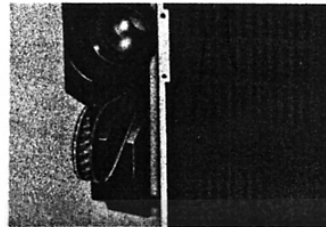
Volume control

Tone control



## Note:

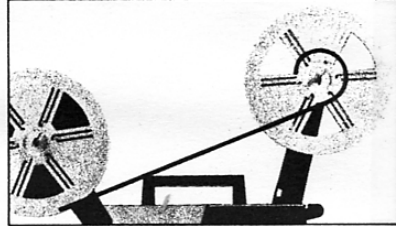
If the film breaks during projection, a safety mechanism of the projector removes the broken film from the film path automatically. In the event a film breaks, turn the projector to OFF and then remove the broken film for splicing.




## Rewinding

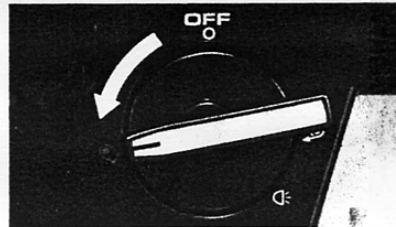
- When the projection is completed, rewind the film as follows.

- 1 Insert the film end into the slot of the front reel hub.



- 2 Turn the operation switch to .

In this case the projector may start rewinding only after a few seconds' pause depending on the length of film on the reel to be rewound. The projector is designed to increase motor torque gradually for the protection of film.



- 3 After the film is rewound, turn the operation switch to OFF.

### ■ Stowing

Disconnect the power cord first.

- 1 Fold the front and rear arms by depressing the folding buttons.
- 2 Return the power cord and take-up reel to their stowing receptacles.
- 3 Turn the elevation control knob fully counterclockwise. Never transport the projector with the elevation leg extended.

