

800-900-1000 SERIES

SINGER/GRAFLEX/TELEX

Graflex Projector

Several features of this projector require careful attention. Operators should study all the illustrations to become familiar with these selected aspects before threading film.

In **THREADING** the projector, note the following:

1. Swing the mounted reel arms into position. You will hear a positive click which locks each arm into the correct position.
2. Note the **Master Control handle** at the center-rear of the threading path. This control *must* be at the Thread (T) position, toward the bottom of the projector, for accurate threading.
3. Open the **clamp** on the sprocket wheel above the Master Control lever. The metal flange at the bottom of the sprocket clamp swings back and up.
4. Push the **Rewind** button in, toward the projector. This button is located above the film channel, which is behind the lens.

5. Open the **Gate Lever** so film may be inserted in the channel behind the lens. The gate lever is the metal flange at the bottom of the lens unit. The lever swings forward and up to open the channel. This action automatically opens the clamp on the sprocket wheel above the lens.
6. When inserting film in threading path, make certain (a) the film passes in front and under the loop setter below the lamp housing and the film channel, (b) the film passes *under* and *behind* the roller attached to the Master Control handle, (c) the film passes *behind* and over the sprocket wheel at the rear over the Master Control handle, (d) the film is threaded to the take-up reel by passing *under* the reel.

Before **PROJECTION** note the following:

1. The Gate Lever below the lens is closed. The lever is down and back, resting in a vertical position when it is closed.
2. The Film-Pressure lever directly below the lens should be at High (H) position.
3. The sprocket clamp at the top rear of the threading path

should be closed. In closed position, the black clamp frame sits solidly against the sprocket in an "L" appearance.

4. The Master Control handle should be moved to Forward (F) position at the top rear of the threading path.

In REWINDING the film, note the following:

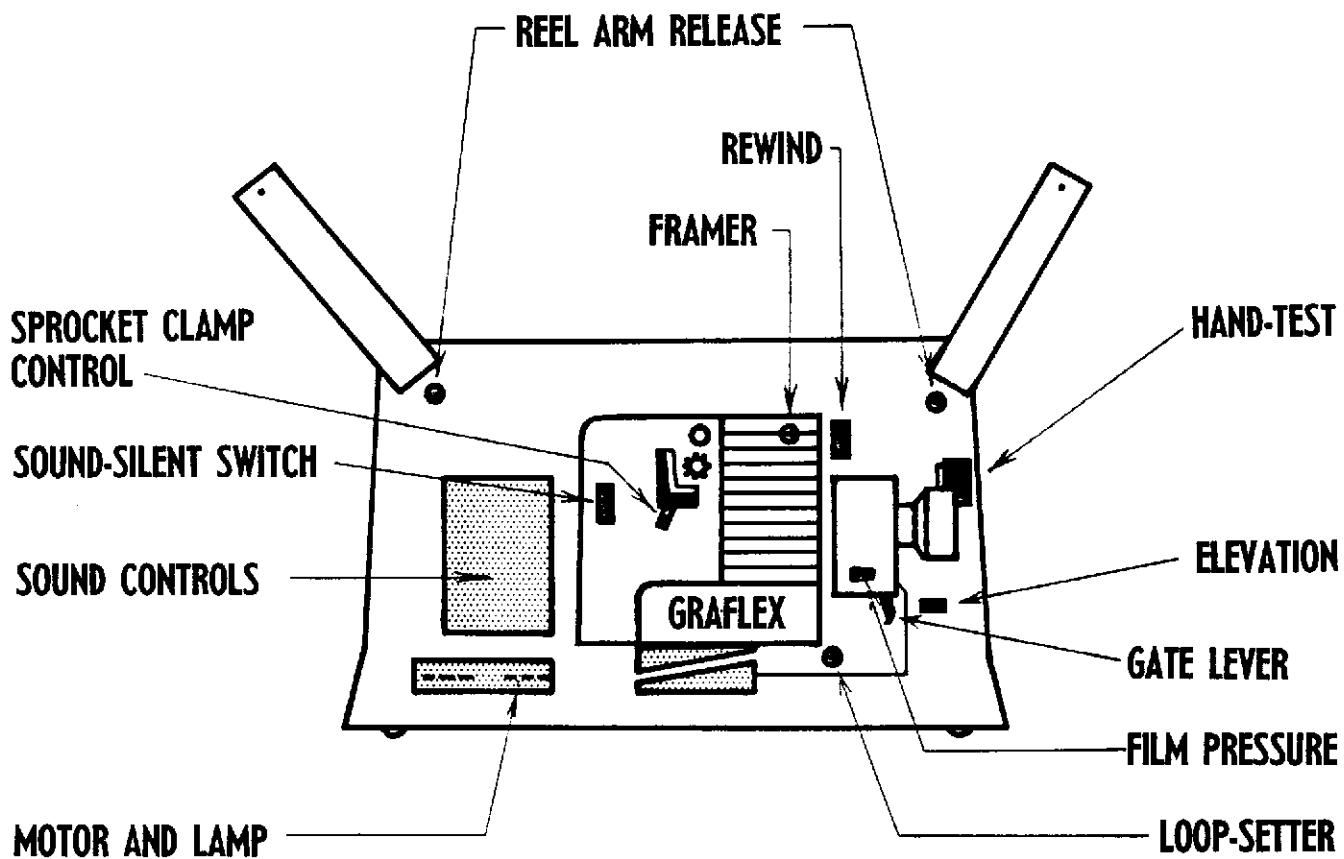
1. Connect the film to the front reel with film passing *under* the reel.
2. Pull the *Rewind* button out toward you. This button is located directly above the film channel behind the lens.
3. Set the Master Control handle to Reverse-Rewind, the center position in the threading path at the rear of the projector.
4. Press the Run button at the controls at the lower left of the projector.

Additional factors worth noting:

1. Be careful when inserting the speaker cord into the projector. A microphone connection is immediately adjacent.

Make certain the speaker cord is inserted in the receptacle marked SPKR.

2. When *removing* film from the threading path while the film is still connected to both reels, it is important to place the Master Control handle at Thread (T) position. This releases tension rollers gripping the film next to the sound drum. These rollers are hidden in the box below the lamp housing, where the diagonal slit permits threading and removal of film.
3. To elevate or tilt the projector, the elevation lock at the front-center of the projector must be released. This permits the elevation foot to move but the front end of the projector *must be lifted* by hand. The elevation lock is then *returned to lock position* to hold the projector at the proper height.
4. To place the reel arms in storage position, when closing the projector, press in on the *reel-arm lock buttons* at the bases of the reel arms. Both reel arms swing forward and down for proper storage.



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