

Panchromatic

Service & Installation Centre

The Place to find Antique, Vintage, Retro or just plain used, 8 mm Super 8 mm 9.5 mm, 16 mm Film Projectors, Slide Transparency Projectors, Cameras and Darkroom Equipment.

Eumig Mark 8 Dual Format Film Projector

User Manual



Service@Panchromatic.co.uk

EUMIG MARK 8

- Silent film projector for Standard 8, Super 8 and Single 8 mm films

Projection lens AUSTROVAR 1,4/15-25 mm. This projector is equipped with. a 12V/100W halogen lamp 562 U 240.

- The lid contains the following interchangeable parts for the projection of Standard 8 films:

2 Sprocket Drums, dark grey	706 U 141
1 Film Guide, dark grey	706 U 136
1 Film pressure plate, dark grey	706 U 106

- The following are also provided:

1 Supply Cable with Plug
1 Special Take-Up Reel 596 U 121 1 Instructon Booklet.
1 Guarantee Card

- The projector is fitted with the following interchangeable parts for the projection of Super 8-films:

2 Sprocket Drums, light grey	706 U 140
1 Film Guide light grey	706 U 135
1 Film pressure plate, light grey	706 U 107
1 Reel Adapter, light grey	706 T 335

- Available as accessory:

film reel 400 ft capacity for Standard	596 F 017
film reel 400 ft capacity for super	596 F 020

Before Use

Be sure that the nature of your electric supply, its voltage and frequency are compatible with the specifications of your projector.

Should you find it necessary to adjust the voltage setting on your unit this can be done in the following way.

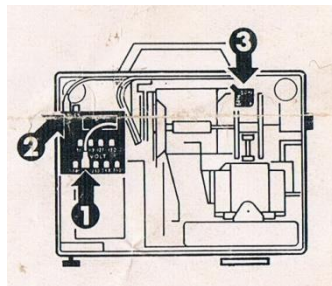
Remove back cover of projector after loosening the four fastening screws.

1. Pull out the red plug on the transformer in an upward direction, and replace it in the appropriate socket.

(To change the frequency (only possible in special projector models)):

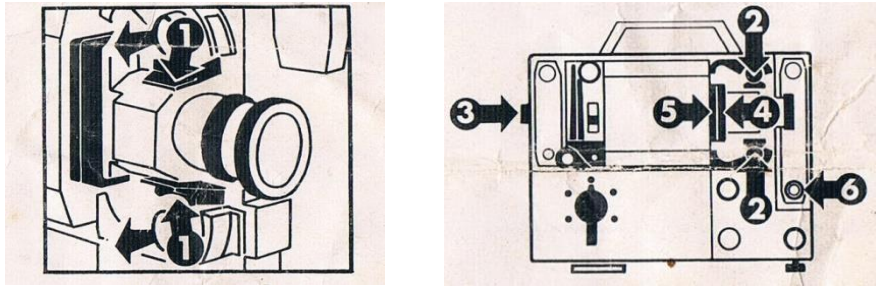
2. Pull out the blue plug and replace it in the appropriate socket.
3. Adjust the lever at the top right in such a manner that the required frequency value is legible horizontally.

Finally replace the back cover.



Adaption for Standard 8 projection

1. Release the pressure guide of the feed sprocket and the take-up sprocket and remove the light grey sprocket drums.
2. Insert the dark grey sprocket drums, making sure that they click into position (rotate them a little if necessary) Close the pressure guides. Pull the lens forward a little.
3. Turn knurled knob, until red dot is in position above.
4. Push light grey film pressure plate towards the lens and take it out.



5. Push light grey film guide towards the lens take it out replace it by dark grey film guide. (First push in until it comes to a stop, then push toward the left until the two guide pins click into position.) Replace the dark grey film pressureplate.
6. Remove the light grey reel adapter from the front reel support, and secure it in the projector lid

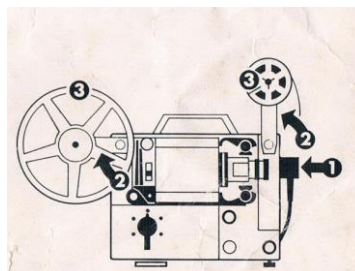
For Super 8 projection the dark grey parts must be exchanged again for the light grey parts.

Beforehand, knob **3** must be turned so that red dot is in TOP position

Projection

Splice a sturdy leader strip of ample, length to the beginning of your film. Make a straight cut through the front end of the film. The cut of a Super 8 film must pass through a perforation hole, the cut of a Standard film must pass between two perforation holes. For the faultless functioning of the automatic film threading facility, the film must be neither strongly buckled or bent.

1. Connect the projector to the mains. (The pilot lamp comes on.)
2. Swing out the reel supports.
3. Place the full reel on the front reel support. (The perforation must be facing toward you.)



Place the provided special take-up reel on the rear reel support in such a way that it is firmly fastened. (The film length indication marks must be facing toward you).

Wrongly spooled films (contrary to our illustration) must be rewound twice to correct the error.

Height Adjustment

Raise the projector by the front end of the carrying handle until it is inclined at the desired projection height. Rotate knob **1** toward the left. (Support foot slides out.) Rotate knob **1** toward the right. (Support foot is fastened in position.)

Still Picture Projection

2 Turn the central switch to "still picture" (ev. adjust focusing). A heat filter protects the film. (The image will be slightly less brilliant.)

Should the shutter cover the gate, turn knob **2**. Turning this knob with the fingers means that frame will follow frame on the screen as still pictures.

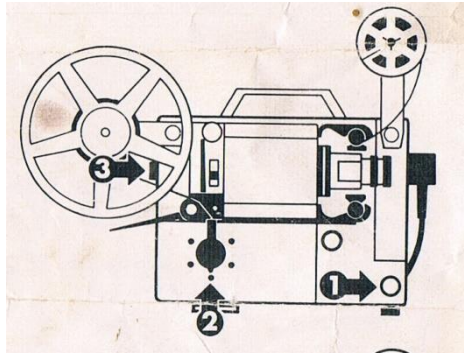
Reverse Projection

Set the central switch to "Reverse Projection". The film will now be shown in the reverse direction. (Make frame line adjustment, if necessary.)

Film Loop Adjustment

(With projector running in either forward or reverse direction.)

Faulty spicing or badly damaged sprocket holes can cause a shortening of the film loop either before or after the film gate. (The running noise becomes louder). Should this occur, the pin **4** should first be raised and then the key **5** should be pressed. This restores the normal film loop.

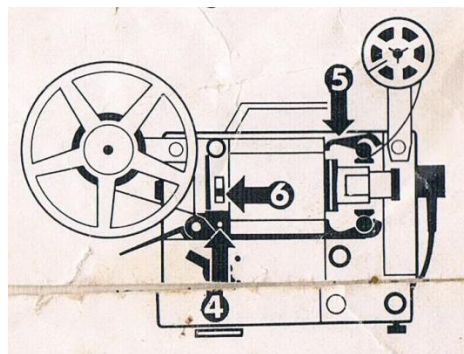


Adjustment of Running Speed

With the projector connected to the mains and the central switch in the "0" setting.

Push knob **6** down as far as it will go = 18 frames per second.

Push knob **6** up as far as it will go = 24 frames per second.



Rewinding

Lead the fully projected film directly from the special take-up reel to the front reel, and fasten it there. Set the central switch to 'Rewind (i. e. without light).

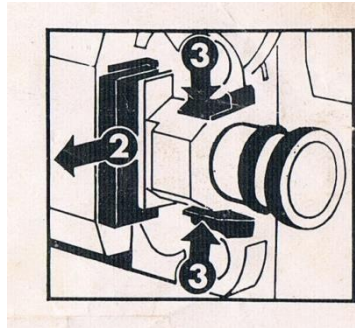
When Projection is Completed

1. Set central switch to "0".
2. Disconnect projector from mains.
3. Put film guide arms in the vertical position.
4. Remove Reels
5. Swing in the reel supports.

Removal of a partially projected film

1. Set central switch to "0" and pull lens forward.
2. Pull out film pressure plate.
3. Release the pressure guides of the feed sprocket and take-up sprocket.
4. Release the film carefully from its entire channel. (Remove lamp housing if necessary.)
5. Re-insert film pressure plate.

The film can now be rewound in the normal manner.

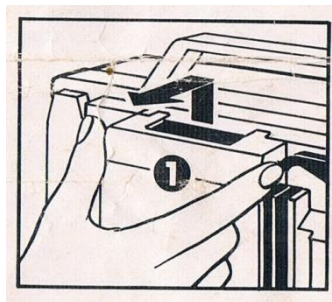


Replacing the projection lamp

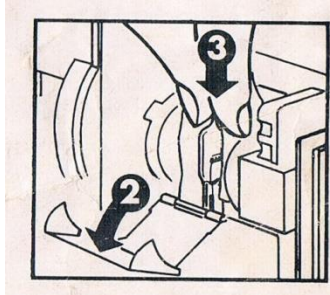
(with themains plug disconnected)

1. Lift off the cover of the lamp housing.
2. Turn down the protective plate and...
3. ... pull out the cooled-off projection lamp in an upward direction.

The new lamp is now inserted.



Never touch the projection lamp with bare fingers; every finger-print will burn into the quartz lamp, thus diminishing the light output. (Should you inadvertently touch the lamp with bare fingers, immediately clean the lamp with a clean cloth moistened with alcohol.)



Centring the projection lamp

Direct the projector towards the screen, turn the central switch to "projection with lamp" and focus the frame-line sharp.



Service@Panchromatic.co.uk