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Service & Installation Centre

The Place to find Antique, Vintage, Retro or used, 8 mm Super 8 mm 9.5 mm, 16 mm Film Projectors, Slide Transparency Projectors in Various Formats and also a selection of Camera & Darkroom Equipment. Serviced, Refurbished & Reconditioned

Eumig

Eumigette

Eumigette Zoom

User Manual



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eumigette zoom

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Super-8 Movie Camera for 50 ft.
Cartridges

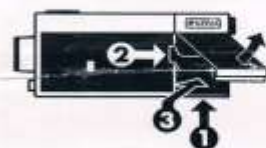
Inserting the Batteries

The camera is powered by four Mignon or Penlight cells of 1,5 volts, size AA, suitable for motor drives.

Recommended Types: Alkali-manganese batteries such as MALLORY Mn 1500, EVEREADY E 91, RAY-O-VAC 815, RCA VS 1334.

Under normal conditions a set of these heavy-duty batteries lasts for about 50 films. The capacity (number of films) per battery set drops with increasing storage time. Batteries should be changed after one year. When using other battery types, check their performance, shelf life and leakproofness.

Note: When the camera is not in use for any length of time, remove the batteries from the battery compartment and store in a cool place.



- 1 With the thumb press the bottom of the battery compartment cover and swing open the cover.
- 2 Place lifting tape across battery container in such a way that end of tape reaches beyond container edge.
- 3 Insert the four batteries in their correct orientation (positive pole of battery towards + sign on the compartment) into the battery compartment. Hook in the compartment cover at the top and press home.



When the camera is not in use, move the main switch on the front to its locked position. A red dot is then visible in the cut-out of the switch.

This prevents premature discharge of the batteries and hence the risk of leakage of the battery fluid.

Damage to the camera through battery leakage is not covered by the guarantee.

Inserting the Film Cartridge



- 1 Pull back the sliding cover.
- 2 Insert the film cartridge with its film gate towards the lens, as shown in the illustration (label on top).
- 3 Press down the rear of the cartridge until it engages. Then slide the lid closed.

This automatically sets the film speed.

The window in the sliding cover shows whether the camera is loaded with film, and with which type.



Fitting the Hand Grip


The hand grip with quick coupling lock supplied with the camera is easily attached.

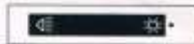
- 1 Pull back the locking slide until it engages.
- 2 This releases a screw. Screw this into the tripod bush of the camera with a coin.
- 3 Mount the camera on the hand grip, so that the locating peg engages the locating hole in the camera base and the screw clips into the hand grip.


By pulling back the sliding lock the hand grip is instantly detached from the camera.

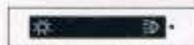
Daylight and Artificial Light Filming

The artificial-light type colour film made specially in the Super-8 gauge can be used both for daylight and for artificial light scenes.

Filming by Daylight: Insert the push-in key with the sun symbol  next to the index mark – or leave the key out. This automatically swings the conversion filter into the light path, and is visible by the pink tint of the finder image.




Filming by Artificial Light: Mounting a Super-8 movie light with standard push-in foot automatically swings the conversion filter out of the light path. If the movie light is used separately, swing out the conversion filter by inserting the key with the lamp symbol  next to the index mark.



Light Source Alongside the Camera

Note: With the key withdrawn the camera is set for daylight filming.

When a black-and-white film or a daylight colourfilm is used, always insert the key so that the artificial light symbol  is next to the index mark. Also reset the aperture adjustment to + (see „Overriding Aperture Adjustment“).

The Electric-Eye System



automatically selects the correct aperture which also appears in the finder (the index point is the corner of the finder field).

If the red warning field at the end of the aperture scale reaches the index point (see illustration) the light is no longer adequate for filming. This would lead to under-exposed shots.

In view of the wide exposure control range, over-exposure is practically impossible.

Overriding Aperture Adjustment



= Normal position of the electric-eye control.



= The electric-eye control now selects a somewhat larger aperture to avoid under-exposure when shooting against the light, for snow shots etc.

To adjust the aperture correction, press in and turn the knob with a coin.

Important: After filming return the correction knob to its normal position.

Depth of Field of the Lenses

The EUMIGETTE has a 14 mm. AUSTROGON f/1.8 lens, the EUMIGETTE ZOOM has a 10–20 mm. AUSTROGON ZOOM f/1.8 lens. Both lenses are set to cover the greatest possible depth of field zone.

In the EUMIGETTE ZOOM the **SERVO-FOCUS SYSTEM** automatically sets the greatest depth of field zone for every change of focal length. While distant subjects are always recorded sharply, the nearest useable subject distance depends on the aperture seen in the finder.

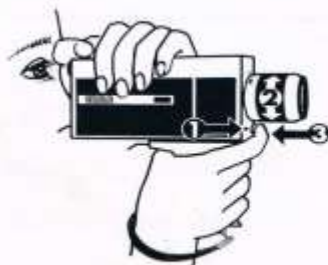
| Diaphragm | 1,8 | 2,4 | 2,8 | 3,4 | 4 | 5,6 | 8 | 11 | 16 | 22 | 32 |
|------------|--------|--------|--------|--------|---------|-------|-------|-------|-------|-------|--------|
| W (f = 10) | 7' 6" | 6' 7" | 5' 11" | 5' 3" | 4' 7" | 3' 7" | 2' 9" | 2' 2" | 1' 7" | 1' 3" | 11" |
| N (f = 14) | 12' 3" | 10' 6" | 9' 6" | 8' 6" | 7' 10" | 6' 3" | 4' 7" | 3' 7" | 2' 7" | 2' | 1' 5" |
| T (f = 20) | 17' 5" | 14' 9" | 13' 9" | 12' 2" | 10' 10" | 8' 6" | 6' 7" | 5' 3" | 3' 7" | 2' 9" | 1' 11" |

W = Wide-angle setting N = standard focal length T = Tele-setting

A shortened version of this table is marked on the camera base.

The distances are measured from the film plane mark ϕ .

When filming predominantly near subjects (for example interiors) use the Eumig close-up lens which shifts the depth of field zone into the near range. For still shorter filming distances (titles etc.) various supplementary lenses are available from any photo dealer.



Filming

- 1 Switch on the main switch.
- 2 With the EUMIGETTE ZOOM turn lens mount to select the size of the field of view in the finder.
- 3 Press the release. The film now runs at 18 frames per second.

By slowly and smoothly turning the lens mount on the EUMIGETTE ZOOM during shooting, travelling effects can be obtained.

After filming always set main switch to „off“ (red dot).

Adjust the finder image for maximum sharpness for your eye by turning the finder eyepiece mount. (Adjustment range plus or minus 3 dioptres.)

Filming with a Cable Release

You can also film with a cable release which screws into the lower screw thread.



Single-Frame Operation (Time lapse filming)

Always use the camera on a tripod. (A $\frac{1}{4}$ inch tripod bush is in the camera base). Screw the cable release into the upper threaded socket, marked with a dot. Then expose frame by frame.

Always keep the cable release slack when exposing. Use only Eumig cable release.

The Footage Counter

In the left side of the camera shows the film length still available for exposing.

When the film counter shows „0“, you can take out the film cartridge. (The change in the motor sound also signals the end of the film run-through.)

On removing the cartridge, the film counter automatically returns to its starting position. It starts counting again only when a new cartridge is inserted.

Note: The film window of the cassette must show the word „EXPOSED“. Check this before sending the cartridge for processing.



Practical Hints

- When shooting, hold the camera as steady as possible. The best hold is to keep one hand on the grip and the other at the rear of the camera body, supporting the latter against the head (see also illustration under „filming“).
- Avoid too frequent panning shots. It is the subject which should move, not the camera.
- When panning, move the camera as slowly and smoothly as possible.
- Don't shoot too short scenes, nor hold shots too long. A good average length for a shot is 6 seconds.

Care of the Camera

- Clean the lens surfaces with a soft brush or a soft well-washed linen rag. (Go carefully – violent rubbing may damage the lens coating.)
- Open the lid and clean the cartridge chamber with a brush.
- Protect the camera against excessive heat or cold, as well as against dust and moisture. (Don't keep the camera on the rear shelf or glove compartment of the car.)

It is possible to convert a EUMIGETTE into a EUMIGETTE ZOOM. Any specialist photo dealer will gladly give you further details.

We reserve the right to change the design

Printed in Austria

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