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Winder RZ

Mamiya

Specifications



Power Source: 6 AA alkaline or manganese batteries (sold separately).

Film Transport Rate: One frame approximately every two seconds.

Film Transport Method: Single and consecutive exposures possible with operation of Shutter Release Button.

Maximum Rolls Transported: 50 rolls of 120 film with alkaline, 20 rolls with manganese batteries (according to Mamiya Camera Company laboratory tests made at normal room temperature).

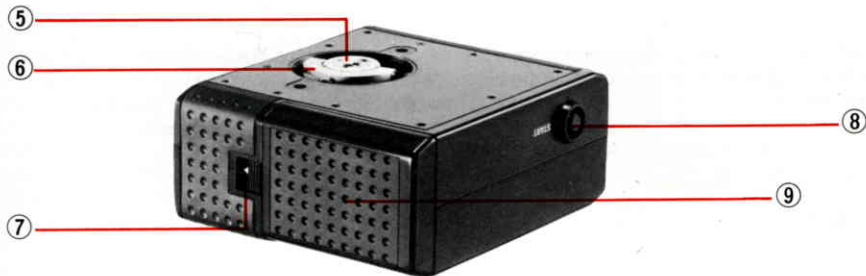
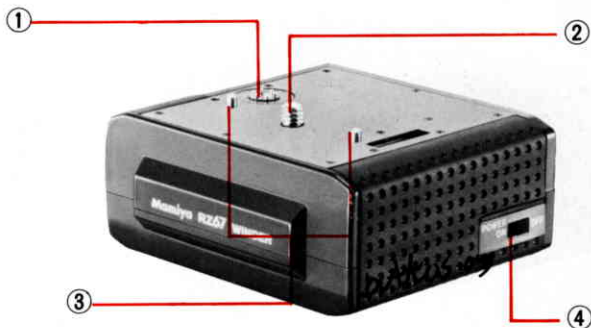
Additional: Automatic film advance from 'S' (start) to first frame; automatic wind after last exposure, followed by auto stop; remote control possible.

Dimensions: 100 (length) × 95 (width) × 43mm (height)

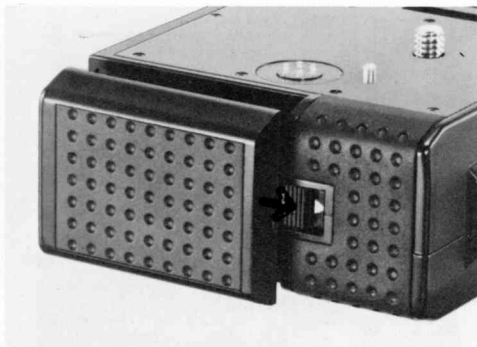
Weight: 540g without batteries.

Nomenclature

1. Electrical Contacts
2. Fastening Screw
3. Alignment Pins
4. Power Switch
5. Tripod Socket
6. Lock Key
7. Battery Cartridge Release Lever
8. Start Button
9. Battery Cartridge



Inserting Batteries



1. Release the Battery Cartridge from the winder by moving the Battery Cartridge Release Lever in the direction of the arrowhead.

Winder RZ uses 6 AA alkaline or manganese batteries as the power source.

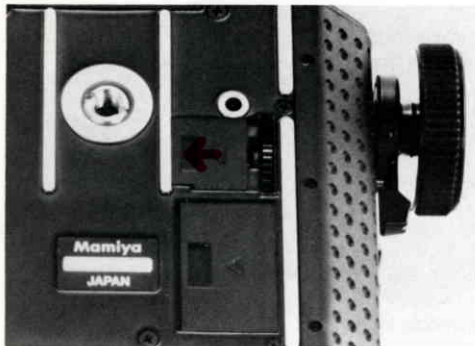


2. Insert fresh batteries, matching the \pm poles of the batteries with the symbols in the cartridge. Replace the cartridge in the winder, pushing it completely in until it clicks and locks in place.

Precautions

- Be sure to turn off the Power Switch when Winder RZ is not in use. Additionally, when not used for prolonged periods, remove the batteries from the cartridge and store separately.
- When using cold batteries or shooting at low temperatures, battery performance drops and the winder may become inoperative. Should this occur, immediately turn off the Power Switch. When using the winder at low temperatures, care must be taken to prevent the batteries from growing too cold.
- When the performance of the winder (film advance) grows sluggish, replace all six batteries as soon as possible.
- Do not mix battery types or new and old batteries in the cartridge as this may lead to battery leakage, damaging the unit.
- When inserting batteries, be sure the \pm poles match the symbols found in the cartridge.
- Battery life varies considerably in accordance with the following factors: battery type, battery brand, freshness of batteries when purchased, the conditions under which the batteries are stored from time of purchase to time of use, temperature at time of use, whether the batteries receive frequent or intermittent use, type of film (120 or 220), whether the winder is used for consecutive or single exposures. However, for maximum battery life, use fresh alkaline batteries.
- Do not use nickel cadmium (Ni-Cd) batteries in Winder RZ.

Attaching Winder RZ



1. Completely open the Winder Coupler Cover of the camera body.

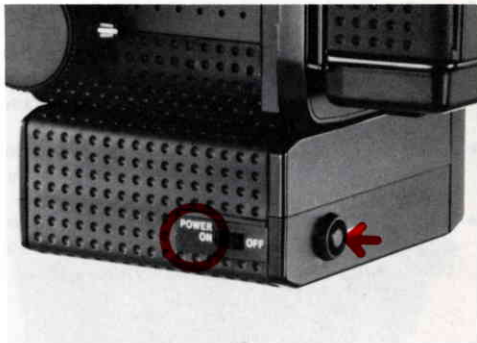


2. Fit the winder to the base of the camera, aligning the Alignment Pins with the two openings of the camera body. Next, lock winder to camera body by rotating the Lock Key clockwise.

Using Winder RZ

Load a Roll Film Holder beforehand, with the arrow of the backing paper aligned with the Start Mark of the Film Insert.

(When testing the winder with an unloaded holder, set the R-M Lever to 'M'.)



1. Turn on the Power Switch.
2. The film will automatically advance to the first frame after pushing the Start Button of the winder.
3. Upon pressing the Shutter Release Button, the exposure will be made, film automatically advanced, and shutter recoiled for the next exposure.
4. When the last exposure is made (#10 with 120 and #20 with 220 film), the film and backing paper will automatically be wound on the Take-up Spool and the winder will then stop.

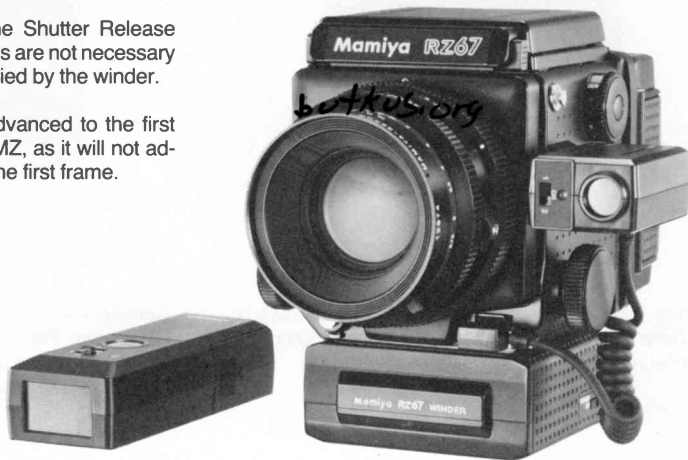
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- Consecutive exposures are possible by maintaining pressure on the Shutter Release Button.
 - When a loaded holder is attached to the camera in mid-roll and unwound, the shutter can not be released. At such a time, just push the Start Button of the winder and the film will automatically advance to the next frame, ready for shooting.
 - When the Release Button Collar is set for the emergency shutter operation mode, the winder Start Button must be used to advance the film after the exposure.
 - If the Start Button is pressed while the R-M Lever is set to 'R', the winder may stop after the R-M Lever returns to its normal (central) position. If this occurs, press the Start Button once again.

Remote Control Photography

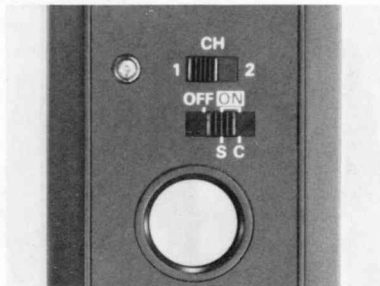
Remote control photography is possible when Transmitter MZ and Receiver MZ are used with Winder RZ.

Receiver MZ is plugged into the Shutter Release Jack of the camera body. Batteries are not necessary for the receiver as power is supplied by the winder.

Make sure the film is already advanced to the first frame before using Transmitter MZ, as it will not advance the film from 'S' (start) to the first frame.



When Using Z Series Lenses.



When using Z Series lenses, the S-C Selector Switch of Transmitter MZ can be set for single or consecutive exposures.

When Using RB Lenses.



Consecutive exposures are not possible when using RB lenses. For single exposure operation with RB lenses, follow the procedure below.

1. Set the S-C Selector Switch of the transmitter to 'C'.
 2. Press the Transmission Button to make an exposure.
 3. Press the Transmission Button again to advance the film.
- Do not set the S-C Selector Switch to 'S' when using RB lenses.

