

This manual is for reference and historical purposes, all rights reserved.

This creation is copyright© by M. Butkus, NJ, U.S.A.

These creations may not be sold or distributed without the expressed permission of the producer

I have no connection with any camera company

On-line camera manual library

If you find this manual useful, how about a donation of \$2 to:

M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701

and send your e-mail address so I can thank you.

Most other places would charge you \$7.50 for a electronic copy or

\$18.00 for a hard to read Xerox copy.

This will allow me to continue this site, buy new manuals and pay their shipping costs.

It'll make you feel better, won't it?

If you use Pay Pal, go to my web site

www.orphancameras.com and choose the secure PayPal donation icon.

Mamiya

**Roll Film Holder
for Mamiya RB
INSTRUCTIONS**

This roll film holder is used by attaching it on the revolving adapter of the Mamiya RB67. It also can be used for the following cameras:

Mamiya Universal with G adapter

Mamiya Press Super 23G

Mamiya Press 23G

Cameras with Graflok back

■ Specifications

120 roll film holder

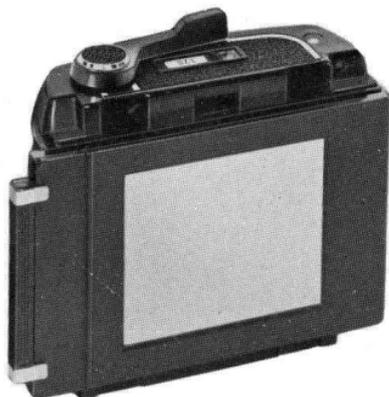
10 exposures on 6×7 cm format

Film used : 120 roll film

Film advance : One-stroke lever film advance (Can be wound in several short, definite strokes)

Film counter : Automatic resetting

Double-exposure warning device



220 roll film holder

20 exposures on 6 × 7 cm format

Film used: 220 roll film

Other specifications are the same as 120 roll film holder.

The outer cassette of both the 120 and 220 roll film holders are the same, the film inserts are designed for one size film only. The difference is indicated by the film type index (120 or 220) marked on the film insert.

120 roll film holder 6 × 4.5 size

16 exposures on 6 × 4.5 cm format.

Film used: 120 roll film

Finder mask for 6 × 4.5 format comes with the holder.

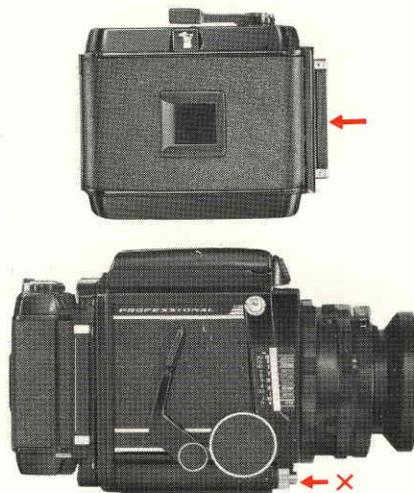
Other specifications are the same as the 120 roll film holder.

Refer to page 12 for the operating method of the finder mask.

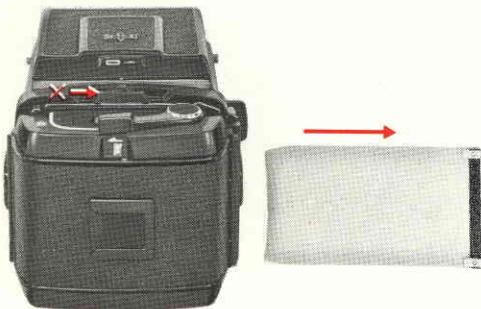
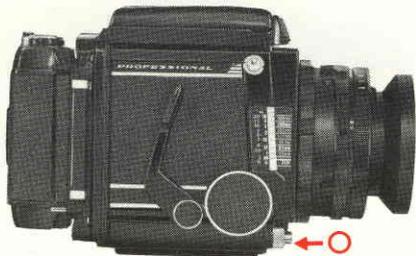


■ Safety Mechanisms on the Roll Film Holder

When attaching the roll film holder on the Mamiya RB 67, the safety mechanisms described below are actuated. However, these safety mechanisms cannot be operated on cameras other than the Mamiya RB 67—e.g. the Mamiya Universal camera and so forth.



1. The shutter release button cannot be pressed, when the dark slide is inserted.



When the dark slide is pulled out to the position where the triangular hole in the top center of the dark slide is entirely visible, the shutter release button can be pressed without exposing the film in the holder to light.

This operation can be utilized for shutter testing, when the roll film holder is attached on the camera body. In this case, the double-exposure warning signal turns red. When the holder is loaded, do not pull out the dark slide beyond the tip of the triangular hole of the dark slide, otherwise the film may be fogged.

2. When the dark slide is not inserted, the slide lock will not move through action of the slide lock release lever on the revolving adapter. Consequently, this prevents removing the holder from the camera body in a condition that the dark slide is removed.

■ Name of Operating Parts

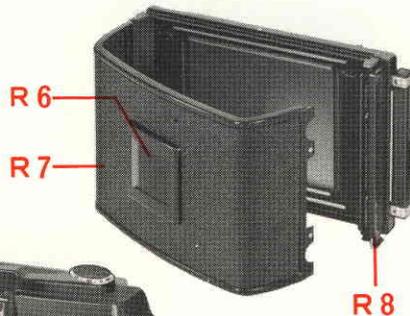
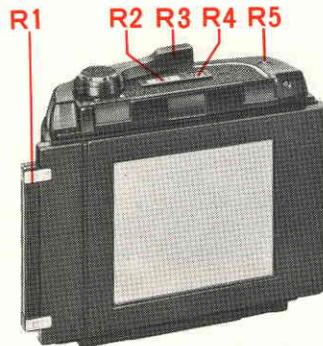
- R 1. Dark slide
- R 2. Film type index (120 or 220)
- R 3. Film advance lever
- R 4. Exposure counter
- R 5. Warning signal window

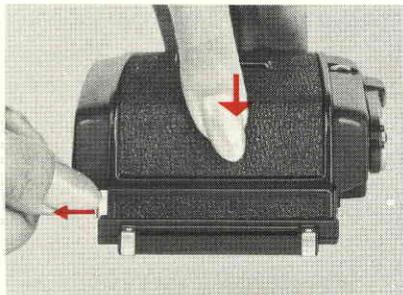
Outer cassette

- R 6. Memo clip
- R 7. Back cover
- R 8. Back cover latch

Film insert

- R 9. Film wind-stop release lever
- R 10. Spool release pin (left)
- R 11. Film spool stud
- R 12. Starting mark
- R 13. Spool release pin (right)
- R 14. Take-up spool stud





■ Loading Film

When loading and unloading film, avoid direct sunlight. Use a location in the shade.

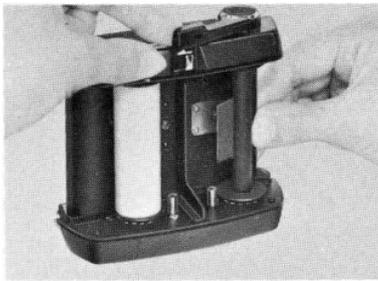
1. Open the back cover (R7) by pulling out the back cover latch (R8) while slightly pressing the back cover.

Remove the film insert from the holder.

2. By pressing the right side spool release pin (R 13), the take-up spool stud (R 14) will retract. At this point, insert an empty spool on the take-up shaft.

3. Next, while pressing the left side spool release pin (R 10), insert a new roll of film on the film spool stud.

Load the film so that the leader paper can be pulled out in the arrow direction. In this way, the black side of the leader paper will appear on the outside. (If the black side does not appear on the outside, reload the film, reversing the film position.)

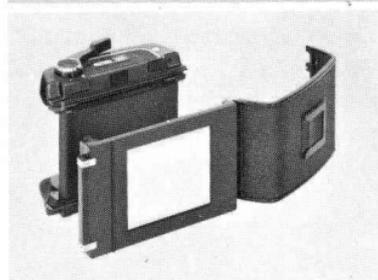


4. Pull out the leader paper and insert the tip into the groove of the take-up spool. Position the film so that the leader paper is winding evenly between the spool flanges, otherwise the film may be taken up unevenly, causing trouble.

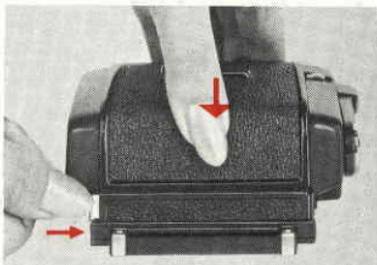


5. Move the film advance lever (R 3) gently, until the starting mark (arrow) of the leader paper aligns with the starting mark (R 12) of the holder. The film advance lever can be moved in several short, definite strokes.

NOTE: If the leader paper is pulled too far, the film may become fogged. Be careful not to go beyond the starting mark (arrow).



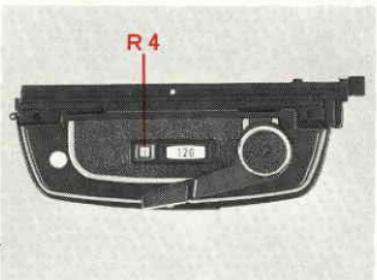
6. Put the insert into the cassette aligning the top side of the insert with the white dot of the cassette.



7. When the film insert is in position, close the back cover and fully push in the back cover latch while pressing the back cover.

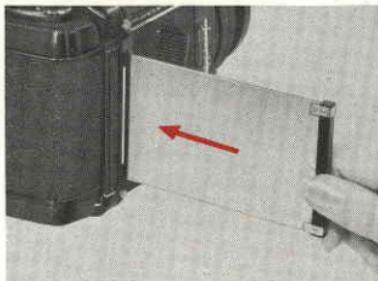
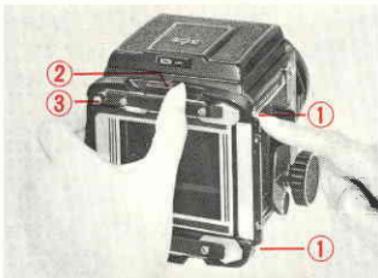


8. The clip (R 6) on the back cover can be used for holding the cover of a film box or a slip of paper to record information.



9. Wind the film advance lever until it stops, the figure "1" will appear in the exposure counter (R 4), indicating the film is in position ready for the first exposure.

NOTE: Wind the film advance lever in a slow steady manner to avoid film winding problems.



■ Attaching the Roll Film Holder on the Mamiya RB67

1. Viewing the camera body from the rear, confirm that the upper and lower slide locks (2) of the revolving adapter are positioned on the left ends of the slots.

If the slide lock be located in the center, shift the both slide locks in the opposite direction of the arrow (▶) while pressing the slide lock release lever (1).

2. Attach the roll film holder and slide both slide locks firmly in the direction of the arrow (▶) to secure it.

Always attach the roll film holder from the back to avoid hitting the warning mark coupling pin (3).

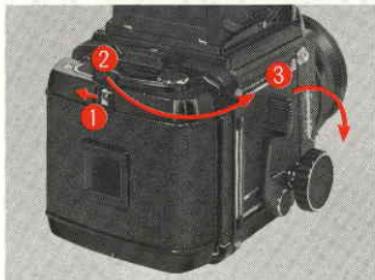
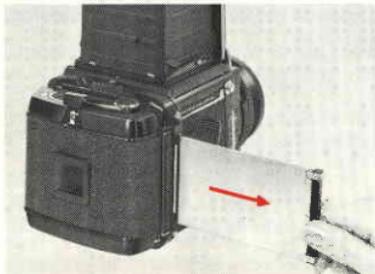
Removing the roll film holder

1. Insert a dark slide in the roll film holder.

Two white lines on the side of the holder indicate the position of the inserting slit.

2. Remove the roll film holder by sliding both side locks in the opposite direction of the arrow (▶).

If the dark slide is not inserted, the slide locks will not move.



■ Photographing

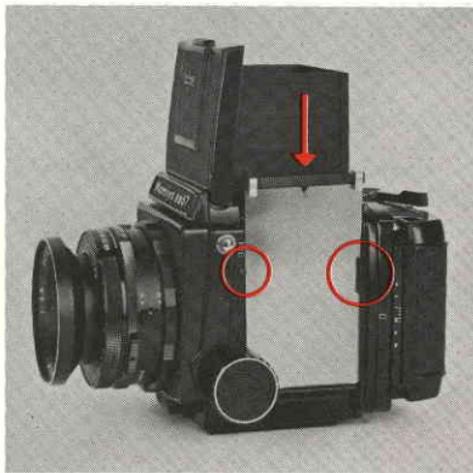
1. Attach the loaded holder to the camera and pull out the dark slide (R 1).
2. Adjust the focus, determine the exposure setting, and release the shutter. (The shutter release button cannot be pressed unless the dark slide is removed.)
3. When the shutter is released, the double-exposure warning signal (R 5) turns red. Move the film wind-stop release lever (R 9) in the direction of the arrow, wind the film advance lever until it stops, and prepare for the next photograph. As soon as the release lever (R 9) is moved, the warning signal turns white.

NOTE: If you move the shutter cocking lever a trifle and then remove your finger from the lever, the warning signal will turn red even if no picture has been taken. Do not remove your finger from the shutter cocking lever until you have completed the full winding action.

4. When you finish exposing the full number of exposures, the film advance lever will be freed. Then wind the film completely to the end of the leader paper.

■ Multiple Exposure Photography

By cocking the shutter and repeating exposures without advancing the film (even though the warning signal is red), fascinating multiple exposures can be created.



■ Dark Slide Storing Method

Since this camera is provided with projections on the side of the camera body to store the dark slide of the roll film holder while photographing, use the projections as follows:

Storing Method

Insert a dark slide in the camera left side from above while readying the camera.

■ Unloading Film

1. Open the back cover of the holder and remove the film insert. Press the spool release pin (R 13), remove the full spool, then wrap and seal the film to protect it from loosening.

2. Move the empty spool to the take-up side. The insert is ready for reloading.

The exposure counter (R 4) automatically resets to S (start) as soon as the back cover is opened. When the exposure counter shows other than S, a film is loaded in the holder.

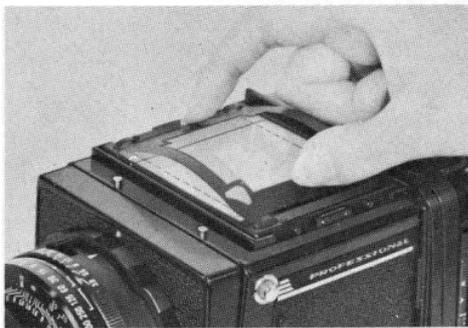
■ Operating Instructions for 120 Roll Film Holder 6 × 4.5

Attaching the finder mask

1. Remove the focusing hood from the camera body.

2. Slightly curve up the finder mask by bearing on the lugs on the mask with the finger tips; then insert the four corners of the mask under the leaf springs on the focusing screen frame as shown in the photo.

Attach the mask so that the triangular hole is positioned on the upper, left corner, viewed from the camera rear. This hole gives access to reading the ex-



posure meter needle when the CdS Finder is attached.

3. Reattach the focusing hood.

Horizontal and vertical format marks

When using this roll film holder, distinction between a horizontal and vertical format to be photographed is made by the format marks on the upper side or the left side on the holder (instead of the marks for 6×7 format on the revolving adapter). The area to be photographed can be distinguished by the finder mask as shown in the photos.

In addition, when viewed from the rear side, the frame on the back cover — symbolized by a 6×4.5 format — indicates direction of the format in accordance with revolving the back.



■ When Using the Roll Film Holder on the Mamiya Press 23G

1. Previously slide the upper and lower slide locks (4) on the rear of the camera body to the left side.
2. Pull out the dark slide of the roll film holder to the position where the triangular hole is entirely visible.

In this condition, the film is not ex-

posed to light; however, if the dark slide is pulled out beyond this triangular hole, the film will be fogged.

3. Attach the roll film holder on the rear of the camera body, and secure it by fully pressing the upper and lower slide locks to the right.

