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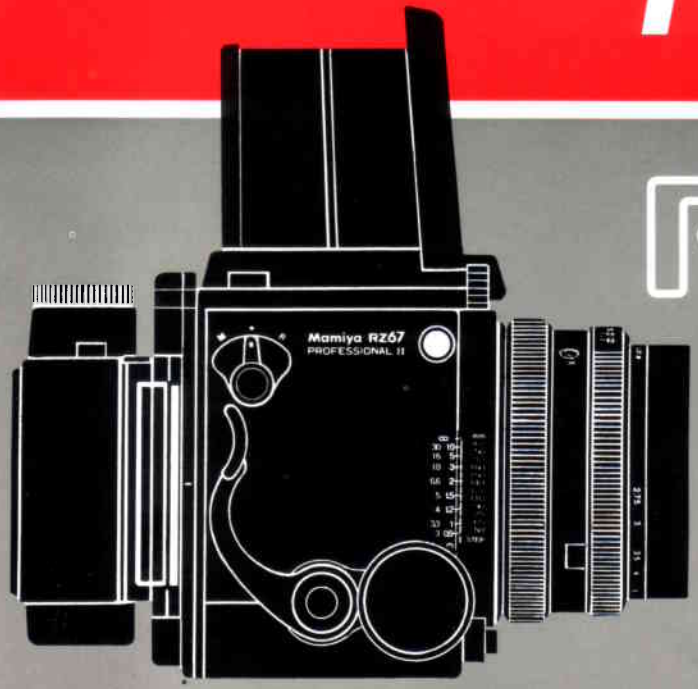
Mamiya



RZ67 PRO II

Instructions

Congratulations on your purchase of a Mamiya RZ67 PRO II

The Mamiya RZ67 PRO II is the latest and most advanced model of Mamiya's famous 6 x 7 cm SLR camera series, distinguished by their Revolving Back and rack and pinion Bellows Focusing.

The result of Mamiya's long experience and accomplishments in the professional medium format camera field, it combines mechanical perfection with the latest opto-electronic technology.

Complimented by its large selection of world-class Mamiya lenses and many other system accessories, the RZ67 has become the camera of choice of the world's top photographers.

The RZ67 PRO II is a versatile camera, ideally suited for many photographic applications, including commercial, portrait, fashion, industrial, nature and scientific photography.

In order to take full advantage of its capabilities and to insure proper operation, please read this instruction manual carefully before you use your new camera.

Contents

Special Features of the Mamiya RZ67 PRO II

1. The Ideal Format

The 6x7 cm format is called the ideal format because it enlarges to the standard 8x10" paper size without cropping, thus utilizing the entire image area. The 6x7 format of the RZ PRO II (actual image size is 56x69.5mm) is almost 5x larger than a 35mm frame and offers far superior image quality for enlargement or full page magazine reproduction. 6x7 transparencies can be viewed on the light table without magnifiers.

2. Mamiya Revolving Back with Automatic Finder Masking

With a flip of the wrist, the Revolving Back–a Mamiya exclusive among 6x7 SLRs–can be rotated for horizontal or vertical format without changing the optical axis. At the same time it also automatically changes the masking frame in the finder to match the format. Other cameras require removing and reattaching film holders when changing format or having to turn the camera on its side which complicates viewing and operation.

3. Rack and Pinion Bellows Focusing

Bellows focusing, another great advantage, permits precise focusing with the left or right hand and also features a focus lock lever. The RZ PRO II has an additional micro focus knob for precise fine focusing. The camera bellows eliminate the extra costs of equipping each lens with a helical focusing mount and permits close-up photography without costly attachments. (The closest focusing distance of the 110mm lens is 31.3cm, the 65mm wide angle lens 8.5cm and the 180mm is 84.5cm).

4. World-Class Mamiya Lenses

Mamiya world-class lens quality is a major reason for the top reputation of Mamiya camera. Mamiya operates its own modern optical design, engineering and manufacturing plant and accepts undivided responsibility for the perfect performance of its cameras and lenses. The RZ67 PRO II camera features a large diameter 61mm lens mount which makes it possible to design a variety of high performance lenses, such as APO, Shift and Zoom.

5. Bright, Interchangeable Finders and Focusing Screens

A Waist Level Finder FW702 with self-erecting focusing hood and magnifier is factory supplied with each camera.
The eye-level AE Prism Finder FE701 is an important accessory. It features three-way metering (average, spot or auto shift) and computerized, aperture-priority shutter control, compatible with the intermediate shutter speeds. It can also be operated manually. Exposure compensation to +/– 3EV and AE Lock are other features. All RB67 finders can also be used.

6. Interchangeable Film Holders with Maximum Film Flatness.

Available for 120 or 220 films and made in 6x7, 6x6 and 6x4.5 formats. Also Polaroid holder. The film holders can be quickly interchanged, even in mid-roll. Two film counter windows permit easy reading as film holders are rotated on cameras' revolving back.
Dark slide storage drawer is another feature.

7. Electronic Interface

The ISO film speed dial is located on the film holders and interfaces electronically, through gold plated contacts, with the camera body, AE Prism Finder FE701 and RZ lenses. You set the dial when you load the film and never have to worry about correct meter indexing.

8. Mirror- up Operation

Locking the mirror in the up position eliminates all possible vibrations and is especially important in close-up and telephoto work, when slow shutter speeds are required.

9. Multiple Exposures

Multiple exposures are easy with a flip of a switch. No removal of film holder is required.

10. New Features

- Modern, functional design
- Rugged interior mechanisms
- Intermediate shutter speeds
- Micro focusing knob.
- Roll Film Holders with dual exposure counters
- "RBL"shutter speed dial setting when using RB67 lenses.

Nomenclature and Functions

Body

R-M Lever
For normal operation, lever is aligned with center index mark.
"M":For making Multiple Exposures set it to "M". This will disengage the film transport when cocking the shutter. Do not forget to return it to center position afterwards. This setting is also used to exercise the camera without film.
"R":Turning the lever to "R" unlocks and permits rotating the Revolving Back.

Cocking Lever
In a single operation this lever advances the film, cocks the shutter, and sets the mirror. For proper operation, be sure to push the lever completely down.

Distance Scale
A single scale indicating distance in meters and feet is used for all lenses.

Focal Length Scale
Curved lines representing most focal lengths appear on this scale. The point at which the appropriate focal length curve intersects the Distance Graduation indicates the distance focused upon by the lens.

Dual Focusing Knob
For regular and fine focusing.

Focusing Screen
The visible field of the focusing screen automatically changes from vertical to horizontal format, or vice-versa, as the revolving back is rotated. The screen it self is also interchangeable.

Gold Plated Contacts
Interface AE Prism Finder electronically with camera, lens and film holder.
When using an RB67 PD Prism Finder or PD Magnifying Finder on the RZ PROII, by sure to first attach the small plastic cover, which comes packed with the RZ PROII, over the contacts. (See instructions packed with cover).

Lens Alignment Dot

Mirror
Do not touch the mirror under any circumstances.

Auxiliary Electronic Shutter Release Contacts
Sliding the cover upwards reveals its contacts.

Shutter Release Button

Collar Stop Lever
This safety feature prevents the Release Button Collar from being rotated to the orange dot until the Collar Stop Lever is first depressed.

Release Button Coller
For normal operation the white dot (□) on the Release Button Collar is kept aligned with the white dot on the Collar Stop Lever. Aligning the white dot of the collar with the red dot on the camera body locks the Shutter Release Button. Aligning the collar with the orange dot makes it possible to operate the shutter at approximately 1/400 sec. without batteries in the camera.

Shutter Speed Dial
Speeds from 8 to 1/400 sec. Between 4 and 1/250 sec. there are intermediate settings with click stops. When set to "AEL" or "RBL" dial is locked. To release press center button. (See page 21)

Carrying Strap Lug

Lock Release Button

Hot-Shoe

Focusing Knob Lock Lever

Winder Coupler Cover

Tripod Socket
The socket has standard U 1/4" threads which can be removed and converted to a 3/8" socket.

Alignment Mark

Revolving Ring
Its small orange circle clicks into place and must always be aligned with the orange index marks in the 12 o'clock or 3 o'clock positions.

Film Advance Coupler
The central pin transmits a signal to the film holder which disengages the film advance-stop and activates the multiple exposure prevention mechanism.

Light Baffle
To avoid damaging the baffle and camera, do not touch.

Film Holder Mount Pin
One of four.

Battery Chamber Cover
The camera use a 6 V alkaline or silver oxide battery.

Contacts for Power Winder

Waist-Level Finder

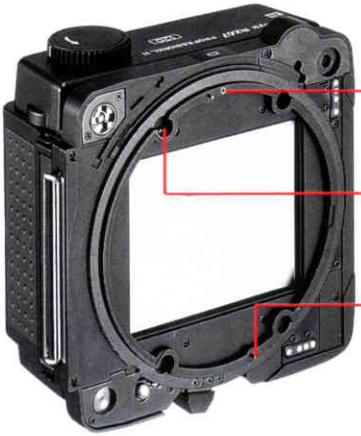
Magnifier Release
To raise the magnifier, push the Magnifier Release to the left.

Magnifier
Interchangeable with other magnifiers in various diopter strengths.

Finder Release Button
To remove the finder, Push in on both (right and left) release buttons and lift the finder off camera body.

Finder Catch

Roll Film Holder



Alignment Mark

Dark Slide Release Pin

Holder Lock Pin
The upper and lower holder lock pins prevent the holder from coming off position when mounted on the camera body.

Film Advance Knob

Dual Exposure Counter
Features vertical and horizontal windows.

Memo Clip
Holds the film box top as a film-type reminder or a memo.

Dark Slide Storage Slot

Film Speed Dial
Used to set the ISO speed of the film used.

Back Cover Latch

Dark Slide
A safety feature prevents the shutter from being released unless the Dark Slide is first removed. Make it a habit to first remove the Dark Slide before attempting to take a photograph.

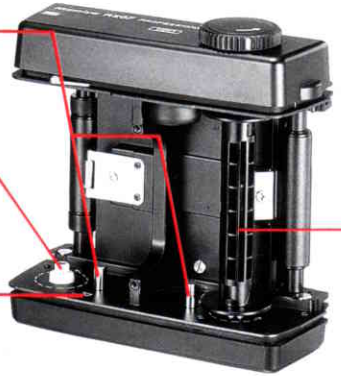
Lock Release Lever
Use this lever when removing the roll film holder when the dark slide has been pulled out.

Holder Lock Lever
Should one inadvertently attempt to remove the Film Holder without first inserting the Dark Slide, the Holder Lock Lever will not unlock, thereby preventing accidental exposure of the film.

Spool Release Pins
Depress these pins to insert or remove film.

Film Spool Stud
A new roll of film is loaded on this stud with the paper leader pulled over the roller in the direction indicated by the dotted line and arrow which appears around the stud.

Start Mark
The start mark on the backing paper must be aligned with this mark.



Take-up Spool
After removing an exposed roll of film, place the empty spool in this position.

Lens

Flash Sync Terminal (X-sync)

Knob for turning Depth of Field Calculating Ring
Can be set for meters or feet.

Depth-of-Field Preview Lever

Bayonet Ring
The Bayonet Ring is a breech mount which secures the lens on the camera body. As a safety feature, the lens can not be removed from the camera body unless the mirror is set (lowered), thereby assisting the Light Baffle in shielding the film from light.

Depth-of-Field Scale

Lens Distance Scale

Aperture Ring

Time Exposure Lever

Mirror-up Cable Release Socket
To lock mirror up for vibration free photography follow this sequence: Camera mirror and lens is in cocked position. Screw a cable release into this socket. You will notice that a chrome collar rises and shows a red ring. Depress the body release. This will now only move the mirror up and hold it there. Now fire shutter with cable release.

Shutter Lock Pin
If a lens is not to be used over a prolonged period, it is desirable to store it with the shutter released. In order to release the shutter of a lens which has been removed from the camera body, rotate the Shutter Cocking Pins clockwise while depressing the Shutter Lock Pin.

Cocking Position Marks

Shutter Cocking Pins
When manually cocking the shutter, be sure to rotate the Shutter Cocking Pins as far as they will go (i.e., to the red dot).

Operating Instructions

RZ67 PRO II

Mamiya RZ67 PRO II Specifications

Camera Type : 6 X 7 cm roll film SLR with lens shutter.

Film Holder : 120 Roll Film Holder HA703---the standard holder
220 Roll Film Holder HB702
6x4.5 120 Roll Film Holder RZ
6x6 120/220 Roll Film Holder RZ
Polaroid Pack Film Holder HP702
} interchangeable
•Film Holders for the RZ and RB can also be used.

Film type : 120 film (120 Roll Film Holder HA703) (10 exposure) / 120 film (6x4.5 120 Roll Film Holder RZ) (15 exposures) / 220 film (220 Roll Film Holder HB702) (20 exposure) /Instant film (Polaroid Pack Film Holder HP702)

Negative size : 6x7 cm format: 56x69.5 mm / 6x4.5 cm format : 56x41.5 mm / Polaroid Pack : 70x70 mm

Revolving Back : The back revolves 90° to change from the horizontal to vertical format or vice versa. Viewfinder format automatically changes as back revolves.

Lens Mount : Special bayonet mount (with built-in safety lock)

Lens type : 110 mm f/2.8---the Standard Lenses / Interchangeable RZ lenses /Interchangeable lenses for the RB can also be used.

Shutter : Seiko #1 electronic shutter

Shutter release : Body shutter release plus electronic shutter release contacts.

Shutter speed : 1/400~8 sec. (with intermediate speeds), B, T (mechanical) / RBL (when the RB lens is used) and AEF (when the AE Prism Finders used) positions / Mechanical shutter of 1/400 sec usable.

Sync operation : with flash sync terminal (X-sync) on lens or hot shoe.

Multiple exposure : possible by means of R-M lever.

Focusing Screen : Type A Matte is the standard / Focusing screens for the RZ are interchangeable.

Viewfinder : Waist-Level Finder FW702 is the standard interchangeable with the AE Prism Finder FE701 / Finders for the RZ and RB can also be used.

Percentage of the field of view visible : 95%

Film Transport : A single 114° stroke of the Cocking Lever advances the film and Exposure Counter, sets the Mirror and Light Baffle, and cocks the shutter.

Focusing Method : The Rack and pinion focusing extends the built-in bellows up to a maximum of 46 mm / Equipped with a Focusing Knob and Lock Lever / With subject distance and exposure factor indications.

Winder : RZ Winder II (RZ Winder I cannot be used)

Cable release contact : The shutter can be released by mean of a cable release connected to a contact on the camera body / Remote control is possible by means of a receiver connected to the same contact.

Battery Type: One alkaline-manganese battery (4LR44) or silver oxide battery (4SR44) to operate the body / Six AA size Ni-Cd batteries or one special AC adapter (DC9V) for driving the winder.

Safety features (in normal shutter release operation) :

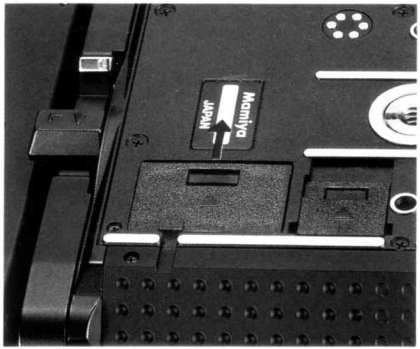
- Viewfinder display (by LEDs and pictorial symbols):
  Warning on incomplete cocking lever setting / Warning on failure to pull out the dark slide / Battery check.
- Electronic alarm sound when : The shutter speed dial is at the "RBL" position when an RZ lens is used / The shutter dial is at the "AEF" position when the AE Prism Finder is removed / The shutter speed dial is any other position than "RBL" when no lens is mounted or an RB lens is mounted on the camera / The battery power has dropped.
- Release locked when : The cocking lever has been set incompletely / The dark slide has not been pulled out / The shutter speed dial is at the "RBL" position when an RZ lens is used / The shutter speed dial is at the "AEF" position when the AE Prism Finder is removed / The shutter speed dial is at any other position than "RBL" when there is no lens on the body or an RB lens is mounted on the camera.

Dimensions : 108 mm (width) X133.4 mm (height) X 211.5 mm (length).

Weight : 2,490g when the body (1,350g) (with Waist-Level Finder), 120 Roll Film Holder (530g) and 110 mm f / 2.8 lens (610g) are combined.

•Specifications and appearance are subject to change without notice.

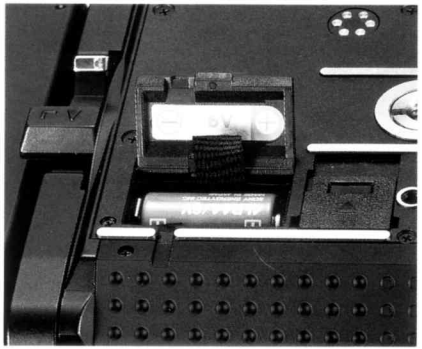
Inserting the Battery



Because the Mamiya RZ67 Pro-II does not function properly without a battery, be sure to load one into the Battery Chamber before attempting to use the camera.

The camera uses one of either of the following batteries:
4LR44 (6V alkaline manganese battery)
4SR44 (6V silver oxide battery)

1. Pull the finger catch on the Battery Chamber Cover in the direction of the arrowhead to open it.



2. Insert the battery into the chamber taking care to match the ⊕ ⊖ poles of the battery with those shown in the diagram found in the chamber: match the ⊖ pole first. Future extraction and replacement of the battery will be simplified if the Battery Removal Ribbon is placed under and over the battery.
Be careful though not to block the ⊕ ⊖ poles with the ribbon.

• Even if battery power is depleted, aligning the Release Button Collar with the orange dot will make it possible to release the shutter at approximately 1/400 sec.

CAUTION:

1. Since the battery that comes with the camera was packed at the time of shipment, its power may be depleted sooner than that of a fresh battery. Therefore, please buy a new battery at your earliest convenience.

2. Be sure to match the poles of the battery with those shown in the diagram in the chamber.

3. Carefully wipe the contacts of the battery before inserting it into the chamber. Failure to do so could result in poor electrical contact and cause erratic functioning of the camera.

4. When not using the camera for a long period of time, remove the battery and store it in a dry, cool place.

5. Battery life varies considerably in accordance with the following factors: battery type, freshness of the battery when purchased, the conditions under which the battery was stored before purchase and how it is stored after purchase, temperature at the time of use and service frequency.

6. Silver oxide batteries have a longer battery life than alkaline batteries.

Attaching / Removing Lenses

Attaching Lenses

Before attaching a lens to the camera body, the mirror in the body must be set in the down position and the shutter of the lens cocked.

Setting the Mirror

1. Remove the Body Cap from the camera.
2. Make sure the mirror is set (lowered). If the mirror is in the up position, lower it by pushing the Cocking Lever as far as it will go toward the front of the camera body.

Cocking the Lens Shutter

1. Remove the Rear Lens Cap by rotating the bayonet ring clockwise.
2. If the lens shutter is not cocked, firmly rotate the Shutter Cocking Pins as far as they will go to the red dot Ⓐ.

•Moving the Shutter Cocking Pins only as far as the green dot will result in incomplete shutter cocking. Be sure to rotate them as far as the red dot.
•Whenever a lens is removed from the camera body, it is already cocked.

Attaching the Lens

1. With the front of the lens facing you, rotate the Bayonet Ring counterclockwise as far as it will go (the white dot on the Bayonet Ring will be aligned with the central index on the lens mount).
2. Seat the lens on the camera body with the red index line on the lens mount facing the red alignment dot of the camera body. Next, rotate the Bayonet Ring of the lens firmly in a clockwise direction, securing the lens to the camera body.

Removing the Lens

1. Push the Cocking Lever of the camera body completely down, which will set the mirror and cock the lens shutter.
2. Rotate the Bayonet Ring of the lens counterclockwise as far as it will go (the white dot on Bayonet Ring will align with central red index line of lens) and remove the lens.

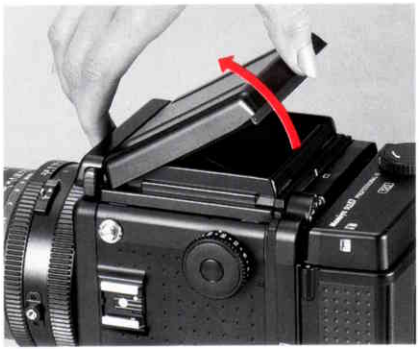
• If you try to rotate the Bayonet Ring counterclockwise without first depressing the Cocking Lever of the camera body, the movement of the ring will be blocked, making it impossible to remove the lens. This safety feature assures that the mirror must always be lowered whenever the lens is removed, thereby assisting the Light Baffle in shielding the film from light.

To release the shutter on a lens which has been removed from the camera body, rotate the shutter cocking pins Ⓑ clockwise as far as they will go, while depressing the shutter lock pin Ⓐ.

CAUTION:
When attaching/removing the lens, be sure not to rest the camera on its back unless either a roll film holder or the back protective cover is attached. This is necessary to prevent damage to its various spring loaded function pins.

Using the Waist-Level Finder

Raising the Finder

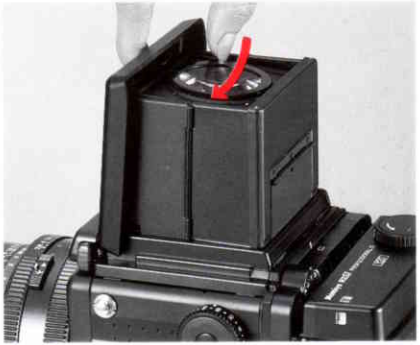


Merely lift the back of the Finder until it opens completely.

Raising the Magnifier

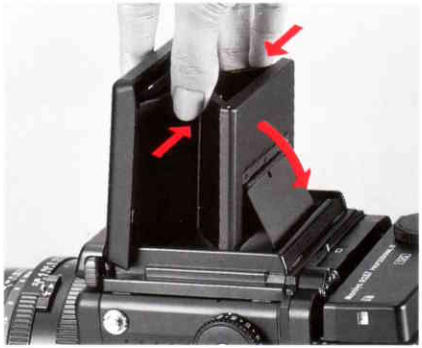
Slide the Magnifier Release slightly to the left and the Magnifier will pop up into position.

Lowering the Magnifier



Gently push the base plate of the Magnifier all the way down until it locks in place.

Folding the Finder



After lowering the Magnifier, gently squeeze the right and left panels of the finder together while closing it.

Removing/Attaching the Finder

Removing the Finder

To remove the Finder, push the right and left release buttons towards the rear of the Finder and while holding them in, lift the front of the Finder.

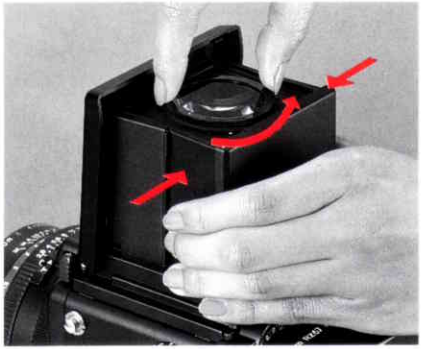
These release buttons are equipped with a safety mechanism so that they cannot be removed merely by pushing them from the right or left side.

Attaching the Finder

To attach the Finder, slide the Finder Catches into the groove of the camera body, and while holding in both Finder Release Buttons, seat the front of the finder on the camera body. The finder will lock in place after releasing pressure from on the Release Buttons.

Interchanging the Focusing Screen

Interchanging the Magnifier



To remove the Magnifier, gently squeeze the magnifier frame with the sides of the finder and rotate the Magnifier counterclockwise.

To attach the Magnifier, align the white dot on the Magnifier frame, and rotate the Magnifier clockwise.

• The Magnifier is interchangeable. In addition to the standard (-1.5 diopter) lens, +1, 0, -1, -2 and -3 diopter lenses are also available. Please note that plus lenses are for far-sighted and minus lenses are for near-sighted individuals.

Removing the Focusing Screen

Focusing Screens

There are seven instantly interchangeable focusing screens to choose from, each designed for specific applications.

Removing a Focusing Screen

After removing the focusing hood, lift up and remove the screen by grasping the lug on the right-hand side (as viewed from the back of the camera). To replace a screen, gently lower the left-hand side of the screen (as seen from the camera back), followed by the right-hand side, and lightly snap screen into place.

CAUTION

When removing screens, exercise care not to touch the vertical and horizontal format viewfinder masks.

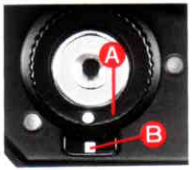
Releasing the Shutter

It is best to become acquainted with the method of releasing the shutter before using film in the camera.

1. **Rotate the Release Button Collar until the white dot on it is aligned with the one immediately below (on the Collar Stop Lever).**
2. **Remove the Dark Slide.**
3. **Set the R-M Lever to the "M" (multiple exposure) position.**
4. **Set the shutter speed dial to any speed except "AEF" and "RBL".**
5. **Push the Cocking Lever all the way down.**
6. **Press the Shutter Release Button.**

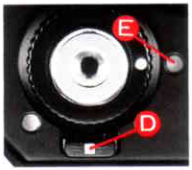
★ The first 4 steps can be done in any order. After you are thoroughly familiar with the above steps, return the RM Lever to its normal setting (the center position).

Using the Release Button Collar



1. For normal operation, align the white square Ⓑ on the Release Button Collar Ⓐ with the white dot on the lever below Ⓑ. When this is done, the Shutter Release functions electromagnetically and the various safety mechanisms operate electrically.

2. When the camera is not in use, lock the Shutter Release Button. This is done by aligning the white dot of the Release Button Collar with the red dot Ⓒ on the camera body. By locking the Shutter Release Button, you not only prevent unintentional exposure of film, but also prevent accidental battery depletion caused by pressure on the Release Button. For this reason, be sure to lock the Release Button when carrying the camera in a bag.



•Emergency Shutter Operation

If you were to suddenly find yourself with a dead battery in the midst of a photographic session, switch over to the emergency shutter operation mode. In order to do so, push the Collar Stop lever Ⓓ toward the camera body and while holding it there align the white dot of the Release Button Collar with the orange dot Ⓔ on the camera body. The shutter will now operate (even without a battery) at approximately 1/400 sec., regardless of the setting of the Shutter Speed Dial.

Because electricity is not being used in the emergency shutter operation mode, the Monitor Lamps in the viewfinder will not illuminate. Moreover, even if the Dark Slide is not withdrawn, the shutter can still be released, so exercise care.

The R-M Lever

The Normal Position (□)

For normal operation of the camera, the R-M Lever should be kept in the center position, aligned with the index mark. Setting the lever to this position activates the double exposure prevention mechanism so that photo after photo can be taken without fear of accidental double exposures.

Multiple Exposure Position

When desiring to make multiple exposures, set the R-M Lever to the 'M' position. When this is done, pushing down on the Cocking Lever will cock the lens shutter, but will not advance the film. Upon completion of the multiple exposure, do not forget to return the R-M Lever to its normal (center) position. The lever can also be set to 'M' when testing the shutter without film in the camera.

Revolving Back Position

Before revolving the back, set the R-M Lever to the "R" position. After this is done, the lever will automatically return to the normal position when the Shutter Release Button or Cocking Lever is next used.

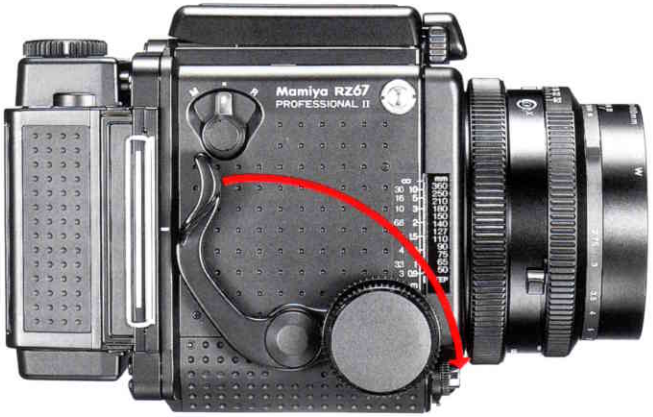
Operating the Cocking Lever

When depressing the Cocking Lever, be sure to push it all the way forward (toward the Shutter Release Button). If the Cocking Lever is not pressed forward as far as it will go, it will return to its original position when released, but the shutter will not be cocked. At such a time, shutter will not operate and an orange warning lamp will illuminate in the viewfinder when the Shutter Release Button is depressed.

Note:
It may happen that when attaching the Roll Film Holder, or after having rotated the holder attached to the revolving back, the film advance coupling mechanisms between camera and holder may not properly mesh. In this case the shutter cannot be fired when the release is pressed and the orange warning lamp will light in the viewfinder.
By moving the "M/R" lever to "R" and pushing the cocking lever slightly, the couplings will mesh and the release button will function again.

LED Monitor Lamp and Electronic Warning Sounds

The following page will explain the visual and audio signals which are built into the camera and which are designed to assure proper operation and to prevent mistakes.



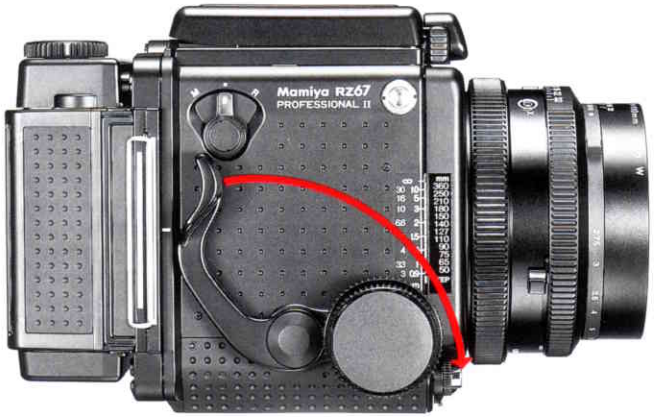
Operating the Cocking Lever

When depressing the Cocking Lever, be sure to push it all the way forward (toward the Shutter Release Button). If the Cocking Lever is not pressed forward as far as it will go, it will return to its original position when released, but the shutter will not be cocked. At such a time, shutter will not operate and an orange warning lamp will illuminate in the viewfinder when the Shutter Release Button is depressed.

Note:
It may happen that when attaching the Roll Film Holder, or after having rotated the holder attached to the revolving back, the film advance coupling mechanisms between camera and holder may not properly mesh. In this case the shutter cannot be fired when the release is pressed and the orange warning lamp will light in the viewfinder.
By moving the "M/R" lever to "R" and pushing the cocking lever slightly, the couplings will mesh and the release button will function again.

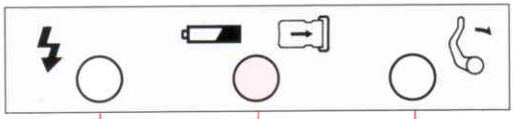
LED Monitor Lamp and Electronic Warning Sounds

The following page will explain the visual and audio signals which are built into the camera and which are designed to assure proper operation and to prevent mistakes.



LED Monitor Lamps in Finder

There are three monitor lamps visible on the rear edge of the finder. They will indicate the following conditions when the shutter release is depressed:



Glows (green) Glows (red) Glows (orange)

Red Lamp : When it glows it indicates that:
- The dark slide has not been withdrawn.
- The camera battery is good.

When the dark slide is withdrawn the light will go out.
- If then the monitor lamp blinks, accompanied by the electronic warning sound, it shows that the battery is weak and should be replaced.

Orange Lamp: When it glows it indicates that:
- The cocking lever has not been advanced or
- The roll film holder has not been advanced.

(Does not apply when in multi exposure "M" mode.)

Green Lamp : When it grows it indicates that a dedicated flash unit (such as Mamiya MZ36R), which is attached to the camera, is in charged condition.

Electronic Warning Sounds

If the dark slide is withdrawn, the release is depressed but the shutter will not fire and a beeping warning sound is head, the following conditions may exist:

The speed dial is set on "AEF" but:
- the AE Finder or an RZ lens is not attached.
- An RB lens is mounted to camera.

Attach an AE Finder and RZ lens, or:
Change speed dial away from "AEF" and conform speed dial to match lens on camera.
(I.e. "RBL" when RB lens is on camera.)

The speed dial is set on "RBL" but:
- an RZ lens is attached.

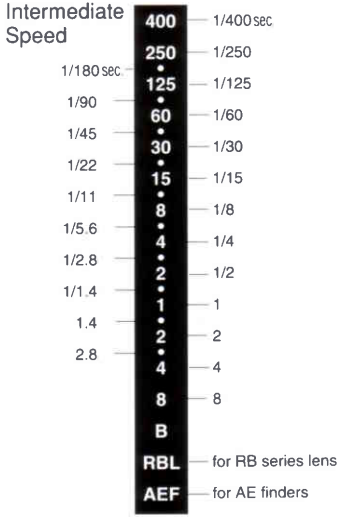
Either mount an RB lens, or change shutter speed dial away from "RBL"

Battery Condition
When the red monitor lamp blinks accompanied by the beeping warning sound, the battery is low.

Replace the battery.
Maximum 1 minute "B" exposure.
- When the shutter release is depressed for about 55 sec. a warning sound will be heard and the shutter will close after 5 sec.
- The same applies at "B" setting with mirror up photography.

Shutter Speed and Aperture

The Shutter Speed Dial

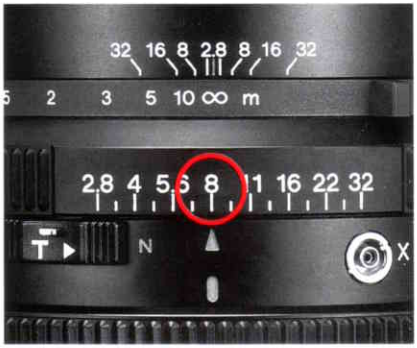


Select the shutter speed desired and rotate the Shutter speed Dial until the appropriate figure is aligned with the shutter speed index mark. Usually, the Shutter Speed Dial must be set to a click-stop position. However, it can also be set to an intermediate speed. The numerals as they appear on the dial and the shutter speeds they represent are shown in the following table. When the Shutter Speed Dial is set to "B"(bulb), the shutter will remain open as long as pressure is applied to the Shutter Release Button and will close as soon as pressure is released. The AEF mark which appears on the Shutter Speed Dial is the setting for the AE Finder.

When set at this position, the dial locks in place. To unlock it, rotate the dial while depressing the Lock Release Button which appears in the center of the dial. The RBL mark on the dial is setting for taking photos using the RB67 lenses. In other positions the shutter release button will not released.

Using RB67 Lenses on RZ PRO II Body
As stated before, the camera speed dial must set to RBL and the shutter speed on the lens. In addition you must consider that the flange focal distance on RB lenses is 111 mm and on RZ lenses 104 mm. Therefore with RB lenses the bellows must be moved forward by 7 mm to focus on infinity. The distance scales cannot be used. Shutter release is identical to RZ lens operation.

The Aperture Ring



To set the diaphragm to a desired aperture, rotate the Aperture Ring until the appropriate figure is aligned with the central index line. It is perfectly acceptable to use the Aperture Ring at in-between click-stop settings. When the Shutter Release Button is depressed, the diaphragm will automatically stop down to the preselected aperture before the shutter opens for the exposure.