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The World's Most Versatile, Most Responsive Medium-Format Single-Lens Reflex Photographic System MAMIYA RZ67 Professional

The primary development theme behind the exciting new Mamiya RZ67 Professional was the need for a photographic system capable not merely of handling the many challenges that face today's professional, but handling them with an ease and versatility that would leave the photographer free to concentrate solely on the creation of the image. And this, naturally, required the development of an entirely new series of lenses, which Mamiya also created, that surpass in quality even the famed RB Series lenses. These new RZ Series optics have been designed and produced to offer absolute accuracy to the photographer, sharp, clear images of outstanding color rendition and contrast. The combination of RZ67 and RZ Series lenses creates a photographic tool that meets fully and completely all the severe challenges and demands of modern professional photography to allow total dedication of the photographer's attention to the important task of creation. Every function and operation, every control and feature, every component and accessory has been designed and developed to require absolutely minimal distraction from the photographer's primary need—achievement of the desired image. From the basic, physical, act of holding and operating the camera to the electronic and optical parameters of performance, the RZ67 Professional has been designed to make minimal demands on the photographer—excepting the photographer's imagination and creativity, which the design both challenges and enhances.

The photographer enjoys the capability to do more with the RZ67, because the camera requires so much less. Fundamentally, the new RZ67 Professional follows the basic design of the internationally acclaimed Mamiya RB67 system: a single-lens reflex design in the proportionally ideal 6 x 7cm medium format, with interchangeable lens shutter optics, interchangeable/revolving film backs and integral rack-and-pinion bellows focusing system.

But the RZ67 Professional incorporates major advances in lens performance, handling ease, electronic operation and control functions, along with new system accessories, to give the photographer more and simpler creative potential than ever before available. And all this while retaining maximum compatibility with the lenses and system accessories of the RB67 system.





Simplified Handling & Operation Provide Greater Response, Less Distraction

Some of the most important advances of the new Mamiya RZ67 Professional are in the area of handling and operating the camera body. One significant contribution to more responsive and easier handling has been the integration of the shutter cocking and film advance systems, so that both actions are accomplished by means of a single lever.

This improved mechanism works in both horizontal and vertical formats, and requires far less pressure on the side charging lever, which is set at an angle to fit hand position perfectly when the camera is held in a natural grip.

The basic waist-level finder opens and closes smoothly, with a single touch, as does the built-in focusing aid magnifier, which accepts the same diopter correction lenses available for the RB67 camera.





A second distinct advantage of the new RZ67 is its automatic masking feature. With this camera body, moving frame masks are coupled directly to the revolving mechanism of the film back, so that the finder is correctly masked for either vertical or horizontal format. As the film back is revolved, the mask appears in place in the viewfinder automatically. Thus the photographer is always aware of the proper format while looking through the viewfinder, without any need to check the position of the film back. This is a considerable advance in the elimination of distractions during professional work.

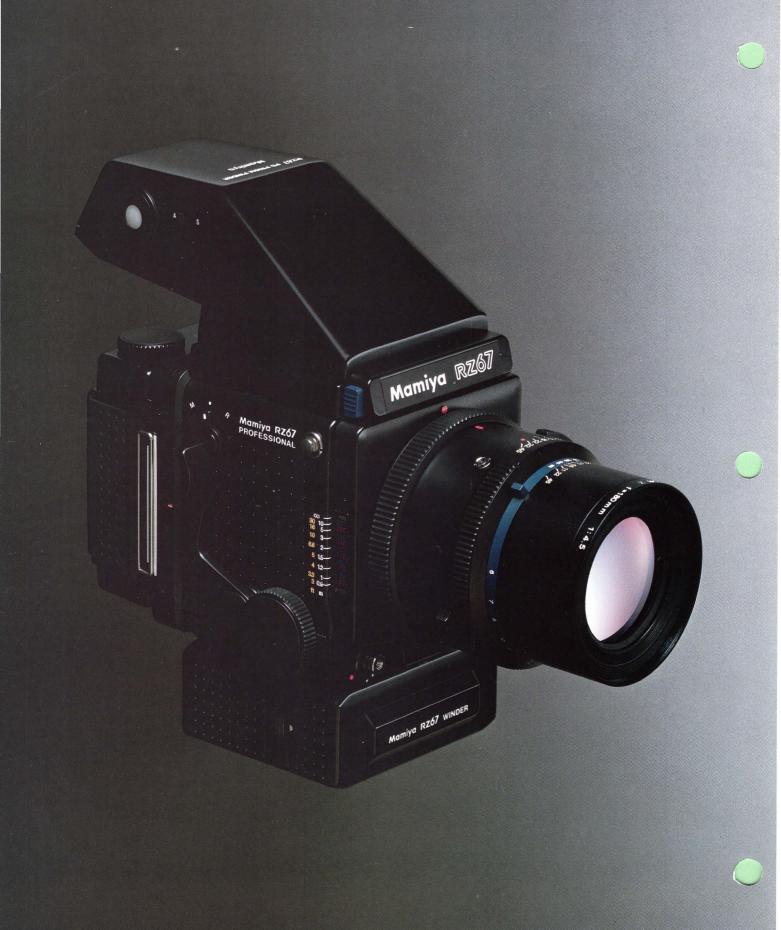
Automatic masking operates under all circumstances, no matter which RZ system film back is employed, or which finder is in place.



Since the revolving mechanism for film backs is now built into the camera body itself, film flatness is improved for sharper images, and the reliability of the mechanical system is considerably enhanced. A special feature of the RZ67 body is a three-position switch incorporating the lock release for revolving film backs (R) and the multiple exposure function (M). This switch returns automatically from (R) to the neutral position when either the charging lever is slightly advanced, or the shutter release given slight pressure.

When the multiple exposure (M) setting is activated, the charging lever will recock the shutter without advancing film, so that a second exposure can be made on the same frame.

Finally, the RZ67 Professional now accepts its very own motor winder, allowing sequential photography, faster reaction to movement and remote control photography—all vitally important considerations to the working professional.



Sophisticated Electronic Advances For Professional Applications

The past decade has seen considerable progress made in the application of advanced electronics to photography. Now, the Mamiya RZ67 Professional incorporates a host of new electronic features designed to make the professional's job faster, simpler and easier than ever before.

Every one of the electronic circuits built into the RZ67 body is present for the specific task of providing greater shooting advantages to the professional. At the same time, the use of sophisticated electronics allows not only greater precision in the process of exposing the film, but also provides a higher degree of performance reliability and camera durability, two of the factors most important in the selection of professional photo equipment

Among the electronic advances incorporated into the RZ67 body are an entirely new electromagnetic shutter release system (which provides the basis for remote control accessory use). A system of monitor lamps clearly visible in the viewfinder, dark slide interlock and a special audible warning that precedes automatic power cut in the Bulb shutter speed or Mirror-Up modes. The electronic circuitry also provides the required linkages for such advanced electronic accessories as the PD Prism Finder, Winder RZ and MZ Flash units.



The new electromagnetic shutter release of the RZ67 Professional increases timing precision in the actual taking of the photograph, and also affords improved durability and reliability. Also, since the RZ67 accepts both electronic RZ system and mechanical RB system lenses, the shutter release incorporates a three-position ring with setting for Lock, Electromagnetic (RZ/RB lenses) and Mechanical (RZ at 1/400 sec., RB at all speeds) release modes.



An electronic innovation of the RZ67 Professional is the incorporation of a shutter speed dial on the camera body, rather than the usual lens shutter system of speed selection rings on each individual lens. This dial incorporates settings for speeds from 8 to 1/400 sec., and Bulb (B). The proper speed is relayed from body to lens via a series of special contact points on the lens and body mounts. Since power is consumed by an open electronic shutter, the RZ67 sounds a warning buzzer when 50 seconds have elapsed on a B shutter speed. This warning continues for 10 seconds, after which power is cut off automatically to prevent over-drainage of the battery. For longer exposures, the T setting (mechanical) is recommended.



Three monitor lamps are now provided in the viewfinder to allow the photographer to check the operating condition of the camera while continuting to observe the subject. The red LED lights to indicate that the dark slide has not been properly removed from the film back (and also flickers to indicate battery power loss). If the charging lever has not been fully extended, and either shutter recocking or film advance are incomplete, an orange LED will light. Finally, a special green LED lights up to indicate completed recycling of the MZ Series flash units when attached to the RZ67 body. (NOTE: Monitor Lamps do not function in Mechanical Release mode.)



A convenient operating mode of the RZ67 Professional is Mirror-Up photography. A double cable release is used, linked to the mechanical cable release socket on each RZ Series lens, and the shutter release button. Slight pressure on the cable release then puts the body into mirror-up condition, after which full pressure releases the shutter. This is especially convenient in close-up and macro photography, to completely eliminate vibration. (NOTE: The auto warning and power cut-off feature functions in this mode if mirror-up condition is maintained for 50 seconds, in order to prevent power drainage.)

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Mamiya RZ67 PROFESSIONAL

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Large Controls & Special Finish Guarantee Secure Holding & Positive Control Of All Functions

The complete restructuring of the RZ67 Professional camera body has led to a slightly more compact design than the RB67 model, despite the many new features incorporated within that body.

And the body itself has been designed and finished to allow photographic professionals both the positive control and the secure grip necessary to handling ease.

Designers working on the camera body decided to employ a rubberized finish on all areas of the camera that come in contact with the photographer's hands. These include the side and underside panels, film back grips and lens mount ring. This special finish provides an exceptionally secure grip, with no fear of slipping, that is in large part responsible for the unique 'feel' of the body and contributes greatly to improved handling ease.

There are, at the same time, no design frills on the body, no unnecessary decorative effects. The RZ67 is a completely functional camera; its controls fall naturally into place, just where they belong. And each control on the body surface is large enough to provide sure operation, and positioned for rapid, positive response to the photographer's needs.

In addition to all these vital design elements adding to ease of operation, the RZ67 also offers a particularly 'clean' finish, with protrusions eliminated to the maximum extent. A good example of this is the folding handle of the dark slide, which keeps the side of the camera body smooth. This type of detail may appear quite minor, but professionals know that just such minor details can make the difference between a camera body that 'looks good' and one that 'performs' to the maximum.



Dimpled surface finishing of both camera body and film backs, combined with the sure-grip rubberized finish used at hand-contact points, means a control feel' that particularly suits the hardworking professional. After just a few minutes of familiarization, any pro will be able to handle the RZ67, even in pitch darkness, with certainty that every function is operating just as desired, every control in proper position.



A good example of the attention to detail provided by the RZ67 Professional is the charge lever. A lot of thought went into the design of this vital control, particularly into the contour of the thumbpad. The charge lever can be operated positively and rapidly even while the photographer keeps eye to the view-finder for the next shot.



Focusing is, of course, one of the most vital factors in the production of a genuinely professional quality photograph. So that focusing with the RZ67 Professional will be positive, sure and precise, the large twin knobs of the camera's rack-and-pinion bellows focusing system are given the same sure-grip rubberized finish as other contact points. And this finish is also used on the vital lens mount ring, so that the photographer always has positive control feel under any circumstances.



Small-but-vital features are the strongest point of the RZ67. Although the basic camera system is completely finished in black, two vital controls are accented in blue. This provides not only a hint of color, but more importantly an indication of use and operation, as well. The release buttons of the camera finder is one of these areas; the special depth-offield ring on each RZ system lens is the other. While the aperture ring and lens mount ring are both finished in black, this depth-of-field indication ring is given a smooth, blue finish to distinguish it and to allow quicker identification during operation of the camera.



built-in Shutter Release Button safety lock and manual lock provided.





Outstanding Optical Performance To Satisfy Even The Strictest Professional Requirements

Even a camera as sophisticated in design and advanced in capabilities as the RZ67 Professional would be incapable of producing high quality photographs if not equipped with lenses that meet the strictest standards of optical precision and quality. Thus Mamiya's design team for the RZ Series of lenses expended full efforts. An enormous amount of research and development went into making these optics capable of fully meeting every requirement of professionalism. From the basic design stage through materials selection, production, polishing, assembly and finish, minute care was taken to insure the finest possible quality. Entirely new optical designs combine with the shorter flange back and larger lens mount diameter of the camera body to offer superlative optical quality. Overall resolution has been increased substantially, while such factors as distortion and chromatic aberration have been eliminated to the fullest possible extent. Improved MTF (Modulation Transfer Function) characteristics insure better performance and give negatives or slides that retain sharp, crisp images even when enlarged to a considerable extent.





RZ Series lenses range from a 37mm fish-eve type through the entire range of wide-angle to telephoto, culminating in an exceptionally sharp 500mm. Each lens is specifically suited to the most common professional applications of its focal length, while the expansive range guarantees full coverage of any subject, for any style of photography. And the inclusion of a number of special purpose lenses, like the 37mm and the 140mm macro, provides the professional with capabilities for numerous other uses. The lenses are color-balanced to provide natural renditions, and multi-coated to eliminate flare and/or ghost images. They attach to the camera body quickly and easily via a tough bayonet mounting system machined to exceptional tolerances.

Each RZ Series lens incorporates an electronic shutter with speeds from 8 to 1/400 sec., T (Time) and B (Bulb) settings. This lens shutter system allows synchronization of electronic flash at any speed, a tremendous advantage to the professional. A series of electronic contacts on the lens mount provides for full data interchange between lens and camera, making possible the single shutter speed dial on the camera body, exposure metering by the PD Prism Finder and other convenient features. By extending the electronic advances of the RZ67 body to the RZ Series lenses, Mamiya has provided the professional photographer with a completely electronic system that makes it possible to create images with greater ease and more precision than ever before possible.

MAMIYA-SEKOR Z LENS SYSTEM



 $\begin{array}{l} \text{MAMIYA-SEKOR FISHEYE Z} \\ \textbf{37}_{mm} \ f/4.5 \end{array}$



MAMIYA-SEKOR Z
50mm f/4.5



MAMIYA-SEKOR Z
65mm f/4



MAMIYA-SEKOR Z
140mm f/4.5



MAMIYA-SEKOR Z
180mm f/4.5



MAMIYA-SEKOR Z 500mm f/8



MAMIYA-SEKOR Z
90mm f/3.5



MAMIYA-SEKOR Z
110mm f/2.8



MAMIYA-SEKOR Z **127mm f/3.8**



MAMIYA-SEKOR Z 250mm f/4.5



MAMIYA-SEKOR Z

360mm f/6

MAMIYA-SEKOR Z LENSES

Lens	Construction (Groups-Elements)	Angle of View	Minimum Aperture	Minimum Focusing Distance	Filter Size	Lens Hood
*37mm f/4.5	6-9	180°	32	25.7cm	40.5mm	
50mm f/4.5	9-11	84°	32	28 cm	77 mm	Slip-on
65mm f/4	7-7	69°	32	32 cm	77 mm	Slip-on
90mm f/3.5	6-6	53°	32	43 cm	77 mm	Screw-in
110mm f/2.8	5-6	44°	32	53 cm	77 mm	Screw-in
127mm f/3.8	3-5	38°	32	66 cm	77 mm	Screw-in
*Macro 140mm f/4.5	4-7	35°	32	75 cm	77 mm	Screw-in
180mm f/4.5	3-5	28°	45	1.11m	77 mm	Screw-in
250mm f/4.5	4-5	21°	45	1.85m	77 mm	Screw-in
*360mm f/6	5-6	14°	45	3.69m	77 mm	Screw-in
*500mm f/8	6-6	10°	32	6.60m	105 mm	Slip-on

^{*}Lenses marked with an asterisk are not presently available.

For details regarding availability, contact the Mamiya Distributor in your country or ask your camera shop to do so.



A Wide-Ranging System Of Professional Accessories To Enhance Creative Photographic Potential

There is far more to a professional system than merely a camera body, lenses and a few accessories. In order to qualify as a photographic system for professional use, camera body, lenses and accessories must comprise an integrated 'whole' capable of accepting any photographic challenge and meeting any photographic requirements.

The RZ67 Professional is just such a system. Backing up the camera body and wide range of lenses is a system of accessory equipment designed to integrate fully and handle any professional demands. When linked to camera body and lens, each accessory item forms an integrated whole capable of performing its assigned task with total precision.

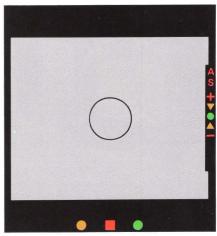
One of the unique advantages of the RZ67 system is the way in which accessories have been designed to blend perfectly with the camera body and lenses, rather than forming a cumbersome 'add-on' plan. Design contours and finishes are arranged to meld smoothly, retaining the easy handling and perfect balance of the camera body itself.

In addition to the outstanding RZ system accessories, the RZ67 Professional also accepts the many accessories of the RB67 system. Some of these, which do not incorporate automated features required for the RZ67, must be used in manual mode. However, the integration of the two systems makes it a simple matter for the professional to interchange equipment without requiring costly duplication of individual accessory items.



PD Prism Finder RZ: This is an eyelevel finder incorporating its own sensitive exposure metering system which features dual average/spot capabilities based on a 'zero-method' exposure calculation program. Special electronic contacts in the PD Prism Finder link it with lens aperture, shutter speed and film speed (ASA) information, which is monitored and collated with light readings taken by a sensitive, fast-reacting SPD sensor. The result is perfect exposure factors for every shot, a great convenience for the professional working under the pressures of constantly changing light values, fast motion or rapidly shifting backgrounds.

Thanks to the advanced electronics of the RZ67, there is no separate shutter speed ring required on the PD Prism Finder. Electronic linkage allows the metering system to operate with data from the camera body's shutter dial. Five LEDs, four red with one green in the center, provide metering information in the viewfinder, and lighting up the center green LED guarantees a perfect exposure.



Spot/Averaging Metering Systems: The professional photographer knows that no single exposure metering system is perfect for every type of shooting. Sometimes the need is for exposure generally good for the overall scene; other times the requirement is precise exposure of a single element in the scene. By providing the photographer with the choice of a spot meter reading 6% or an averaging system, the PD Prism Finder satisfies both these requirements. The changeover from Spot to Averaging comes at the flip of a switch, and (A) or (S) LEDs in the viewfinder indicate which mode is operating.



120/220 Roll Film Holders RZ: In addition to the general use 120 Roll Film Holder for the RZ67 Professional, a 220 film back is also available. The use of the 220 back means fewer film changes for the professional who is on an extended shooting, with 20 exposures per roll. Both the 120 and 220 film backs incorporate automatically resetting film counters, double-exposure warnings and film-type memo clips.



Polaroid Land Pack Film Holder RZ: This is a special film back which accepts Polaroid Land (100/660 series) film packs. The use of Polaroid film to preview various factors such as exposure, composition and lighting is extremely important to the professional. This back does not revolve, instead producing a 7 x 7cm image which the photographer can then crop to preview exactly what will be produced on roll film.



G Adapter RZ: This is a special adapter which allows the use of RB system film backs with the RZ67. It incorporates its own film speed (ASA) setting dial for use with the PD Prism Finder RZ. Revolving and automatic masking of the viewfinder are provided by the special mechanical linkage of the G Adapter.

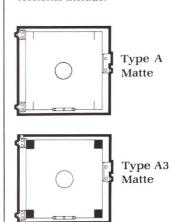


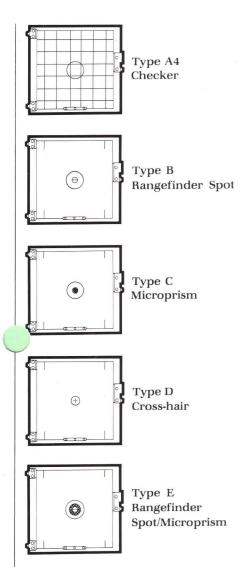
Winder RZ: The Winder RZ is one of the most vital system accessories of the entire RZ67 Professional System. It allows sequential photography at a rate of approximately one frame/two seconds. With the Winder, the photographer is freed of the need to manually operate the charging lever, and can concentrate fully on obtaining precisely the sequence of photos desired, or on exposing film at the peak of action or emotion. The Winder RZ also makes possible completely unmanned remote control photography, since there is no need for manual operation between shots.



Auto Extension Tubes RZ: Two auto extension tubes (Nos. 1 & 2) are available for use with the RZ67 system. Both provide complete electronic coupling between lens and camera body for use with RZ Series lenses (and the PD Prism Finder RZ). With the use of these extension tubes, magnification ratios as great as 1.92X are possible with no other accessory equipment. This range will cover most demands for close-up/macro photo opportunities.

Focusing Screens RZ: Seven fully interchangeable focusing screens are available for use with the RZ67 Professional, depending on the type of photography, lighting conditions and accessory use. All of these screens provide outstanding light transmission for fast, easy focusing, and are produced from optical-quality glass for distortion-free performance. Focusing Screen types for the RZ67 Professional include:





Type A Matte: A matte screen with Fresnel lens for general purpose photography.

Type A3 Matte: A matte screen with Fresnel lens for general purpose use, incorporating special corner masks to insure full viewfinder masking in the vertical formal.

Type A4 Checker: A matte screen with Fresnel lens and sectional grid markings, suitable for close-up, copy and architectural applications.

Type B Rangefinder Spot: A matte screen with Fresnel lens and split-image center focusing aid, suitable for general photography when rapid, accurate focusing is required. Focusing is also possible in surrounding matte area.

Type C Microprism: A matte screen with Fresnel lens and microprism center focusing aid, suitable for general photography and other applications. Focusing is also possible in surrounding matte area

Type D Cross-hair: A matte screen with transparent center set with crosshair marker, suitable for high-magnification, close-up or telephoto special applications with parallax focusing.

Type E Rangefinder Spot/Microprism: A matte screen with Fresnel lens and horizontal split-image center focusing aid surrounded by microprism collar. Suitable for general applications where horizontal/vertical elements can be accurately focused via the split-image, or general area focusing via the microprism. Focusing is also possible in surrounding matte area.



MZ 36R Electronic Flash: This is a dedicated flash unit which can be used with the RZ67 Professional for auto-flash techniques. It operates in full automatic mode when linked to the camera through the hot-shoe, providing high-output capability of GN36 (ASA100/meters). Bounce flash capability is provided by the flash head, which rotates 90° upward and 180° left, 150° right. The MZ 36R is powered by eight alkaline-manganese or Ni-Cd AA-size batteries, providing 90 full-power flashes (60 for Ni-Cd) at a minimum recycling rate of 10 seconds (7" for Ni-Cd).

MZ 18R Electronic Flash: Similar in operation to the MZ 36R, this unit is a smaller, clip-on type with maximum output of GN18. It can be used to excellent

results as an auxiliary flash, to provide highlights, back lighting or fill while the MZ 36R is used as the main light source. MZ Remote Control Set: Operating by infrared light pulses, the Transmitter and Receiver MZ units provide for completely remote control of the RZ67 Professional, at distances up to 60 meters. The set provides two-channel operation, for control of one or more units, and operates in either single-frame or continuous modes (for use with the Winder RZ). The receiver attaches to the RZ67 hot-shoe accessory clip, and plugs directly into the electromagnetic release system.



Camera Soft Case RZ: A sturdy carrying case of durable leather designed to carry the camera body.



Soft Leather Lens Cases RZ: Four of these durable leather lens carrying case are available, to fit the varying sizes of RZ lenses. They include: Case No. 1 for the RZ 50mm, 65mm, 90mm, 110mm, 127mm & 140mm lenses; Case No. 2 for the RZ 180mm & 250mm lenses; Case No. 3 for the RZ 360mm lens and Case No. 4 for the RZ 37mm Fish-Eye lens.



Neck Strap RZ: A sturdy strap which can be quickly attached to the camera body for carrying the camera more comfortably.

Outstanding RB System Accessories Interchangeable For Use With The RZ67 Professional

The professional photographer requires more than a single body+lens combination, and Mamiya has designed the new RZ67 Professional so as to take fullest possible advantage of the many accessories previously available for the RB67 system. All of the following accessories are usable with the RZ67, although a few do not have the electrical contacts required for automatic operation and must be used in the manual mode:





RB System Finders: These finders can be used with the RZ67, although metering finders require manual operation of the camera body's shutter dial and aperture. The RB System Finders include: Waist-Level Finder, CdS Finder, Prism Finder & CdS Prism Finder. Of course, such finder accessories as the eight Eye Correction Lenses (+3 to -4 diopter) and six Diopter Lenses (+1 to -3 diopter) can be used with either RB or RZ System Finders.

RB Series Lenses: The high quality lenses of the RB system are fully interchangeable for use with the RZ67. They range from the 37mm fish-eye all the way to the 500mm telephoto, including such special purpose optics as a 140mm macro lens and a 150mm soft-focus lens.



Lens Accessories: RB Filters come in three sizes (40.5, 77 & 105mm) to fit the various lenses, and include Y2, O2, UV, YG, SL, ND16, PL, 81C and 82C types.

Lens Hoods are also available for all lenses, coming in sizes of 80mm (50mm & 65mm lenses), 77mm (90mm & 110mm), 77mm (127mm, 140mm, 150mm, 180mm & 250mm) and a special 77mm hood for the 360mm lens.



RB System Film Holders: All of the following RB System Film Holders are fully interchangeable (with G Adapter RZ) for use with the RZ67: 120 Roll Film Holder, 220 Roll Film Holder, 70mm Holder, 120/220 Power Drive Holder, 120/6 x 4.5 format) Film Holder and Double Cut Film/Plate Holder (types A & J).



Auto Extension Tubes: Available in two sizes (Nos. 1 & 2) for use singly or paired in close-up and macrophotography applications.



Lens Shading Accessories: The Bellows Lens Hood attaches to the front of 90mm to 360mm lenses to provide optimum shading against extraneous light and reflections. It also can be attached to the Gelatine Filter Holder which fits all lenses. The Sun Shield attaches directly to the lens to provide auxiliary shading.



Camera Grips: Three types of auxiliary grips are available for interchangeable use with the RZ67, to make hand-holding of the camera easier and steadier. These include the Pistol Grip, Grip Holder and Multi-Angle Grip.



Mamiya Auto Strobe 480 II: Designed for high-output (GN48, ASA100/meters) use with the RB67, this unit also provides full auto-flash capability when hooked up to the RZ67 Professional. The set includes the Flash Body, Bracket, Sensor Unit and Battery Pack.



RB Camera Cases: Two types of camera cases are available, either of which can also be used for RZ67 System equipment. These are the Aluminum Custom Case and the Carrying Case.



Mirror-Up Cable Release: A special Y-shaped cable release for utilization of the 'mirror-up' release mode of the RZ67 or RB67. Connects to both shutter release and lens socket.

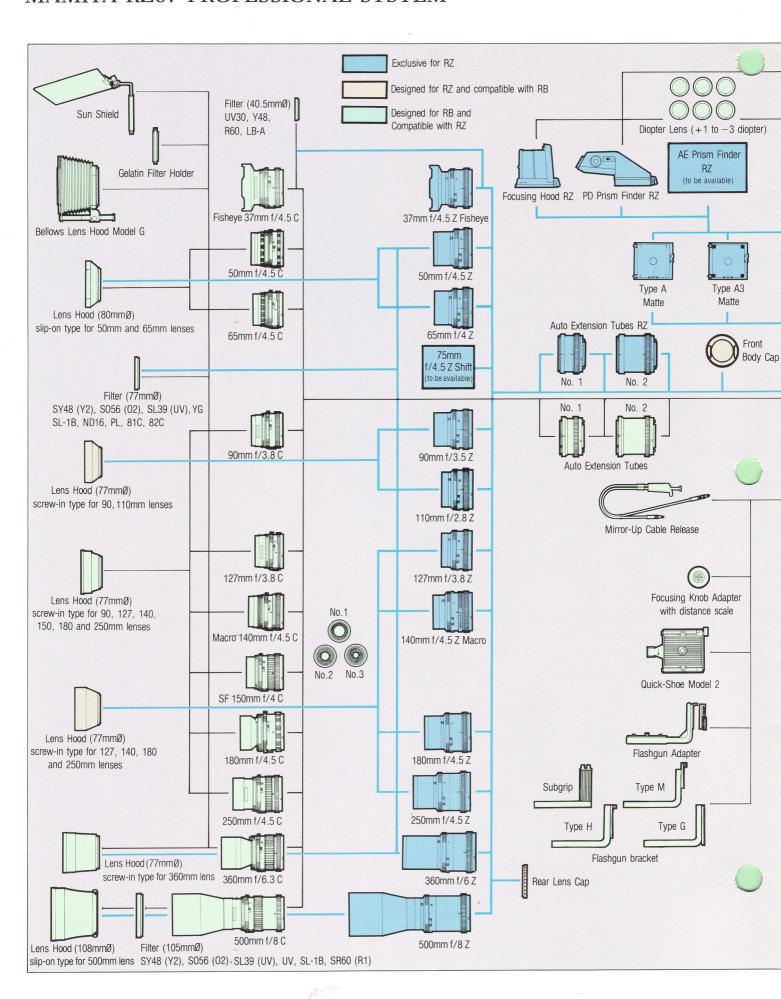


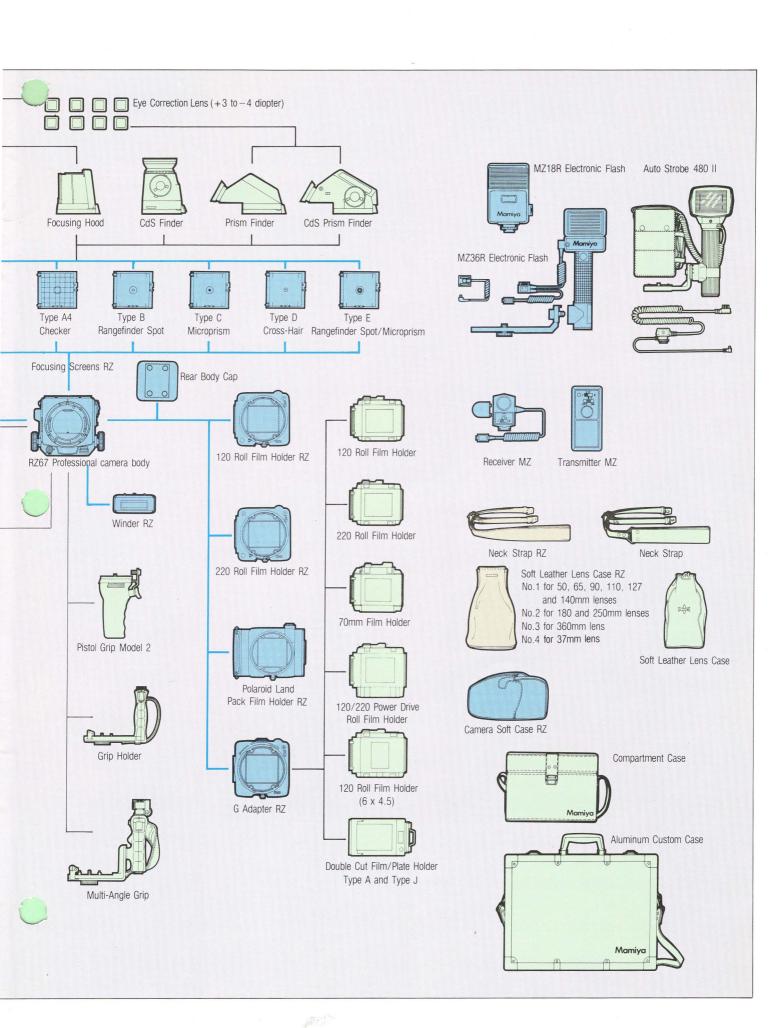
Flashgun Brackets: Type M for Mamiya flashgun Type G for Graflex flashgun Type H for Heiland flashgun Subgrip



Additional Accessories: Other RB System accessories which can be employed with the RZ67 Professional include the Flash Gun Adapter, Quick Shoe Model 2, Focusing Knob Adapter, Soft Leather Lens Case and Neck Strap.

MAMIYA RZ67 PROFESSIONAL SYSTEM







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