

Mamiya®

Medium Format Cameras



Mamiya

The history of Mamiya medium format cameras.

For more than half a century, the Mamiya name has been synonymous with excellence and innovation in professional camera equipment. Our dedication to meeting the needs of photographers, both professionals and advanced amateurs, dates back to the original, compact Mamiya 6 folding rangefinder of the 1940s, through a long line of superior models that continues today with the Mamiya 7 II and Mamiya 645 AFD camera systems that are the first choice of the accomplished photographer.

The Mamiya RB67 series, the world's first medium-format 6x7cm single-lens reflex system with its unique revolving back, took the camera market by storm in 1970. The integrated revolving back and precise bellows focusing mechanism were an instant success with photographers, giving the RB67 a reputation as the professional workhorse that continues today.

In 1975, Mamiya again brought innovation to the world of photography with the Mamiya 645, a versatile, compact SLR in the large but convenient 6x4.5cm medium format. This system further demonstrated both Mamiya's technological capabilities and its singular dedication to providing rugged professional tools of the highest quality.

The Mamiya RZ67 system followed in 1982, applying the latest in hybrid electro-mechanical technology, optical glass formulation and precision manufacturing. In 1994, the RZ Pro II was introduced and designed to accept the same superb lens line and many of the versatile accessories of the original RZ67.

In 1995 Mamiya caught photographer's attention with the release of the unique Mamiya 7, a 6x7 rangefinder camera. This compact, lightweight camera, accepted interchangeable lenses, and opened up a new opportunity for medium format image quality in the world's most portable and quietest 6x7 camera. Ideal for photojournalists, fine-art photographers and enthusiasts who had long relied on classic 35mm rangefinder cameras, it provides a film format that is almost 5x larger than 35mm. Furthermore, it introduced the flexibility of dual formats of 6x7cm and 35mm panoramic in one camera. Upgraded in 1999 as the Mamiya 7 II, this much-admired camera brings new versatility and ease-of-use to the world of medium-format.

Mamiya's tradition of designing ultra-high performance optics for medium-format cameras has brought many innovations and unprecedented achievements in such areas as high-speed zoom capability, perspective control, soft-focus effects and APO lens technology - achievements that other manufacturers in the field have yet to equal. In 1993, Mamiya was the first to bring the superior optical characteristics of apochromatic telephoto lens design to medium-format photography, when it released the 300mm f/2.8 APO lens for the 645 system. That was followed, in 1994, by the 500mm f/4.5 APO, and in 1997 by the 200mm f/2.8 APO, as well as the unparalleled 120mm f/4 macro, which introduced continuous focusing 1:1 macro capability to medium-format photography.

As 35mm cameras became more sophisticated, Mamiya redesigned both ends of the classic 645 Series. True to traditional modular design, the Mamiya 645 AF Auto focus offered the sophistication of Digital Display Controls, a 120/220 film back with an LCD panel, high-resolution optics and a full range of system accessories.

To satisfy the demand for an affordable medium format camera, Mamiya developed the 645E; the new benchmark for a complete medium format camera system at an economical price.

Responding to the most demanding photographers, the NEW 645AFD is loaded with over 30 enhancements as compared to the original 645AF. Handling like a 35mm SLR, it incorporates features found only on sophisticated 35mm cameras, yet it offers the advantage of a format that's 2.7X larger than 35mm. Ready to conquer the digital world, the 645AFD offers exclusive data transfer from the camera to the digital back utilizing its digital intelligence via MSCE (Mamiya Serial Communication for External).

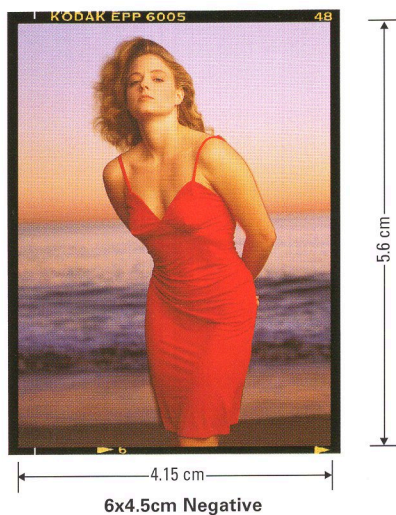
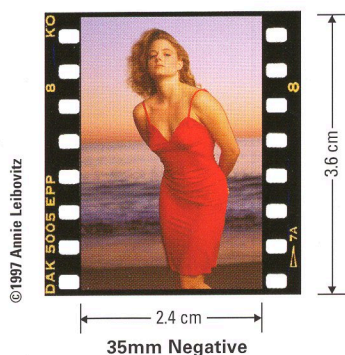
Today, Mamiya offers the photographer three 6x7 format cameras, the RB67 Pro SD, the RZ67 Pro II and the Mamiya 7II rangefinder. For a more portable solution, three 645 format cameras are available, the 645 Pro TL, the NEW 645AFD and the 645E. Ready for the new challenges of digital image capture, the Mamiya RZ67 and RB67 series, 645 PRO and 645 AF and AFD series cameras are fully compatible with today's digital backs.

Mamiya's commitment to quality and innovation drives new and exciting product development and refinements that make Mamiya cameras legendary. Utilizing cutting-edge technology with ergonomic design, Mamiya continues to offer the latest in advanced medium format cameras complemented by Mamiya's world-class optics.

Mamiya pioneered the 6x7 SLR System Camera in 1970, the 6x4.5 in 1975 and has remained the world leader in the medium format camera field.

For over 60 years, Mamiya medium format cameras and lenses have been designed and manufactured for the most demanding professional applications. With innovative camera designs, precision optics and a comprehensive accessory line, Mamiya continues to earn its reputation as "Master of the Medium".

About medium format negative sizes and their effective dimensions.



Medium format is the modern choice of today's most discriminating photographers. It combines the demand for unparalleled image quality with the need for convenient and versatile camera operation. Take a close look at the two basic medium formats in comparison to standard 35mm format as illustrated:

6x4.5cm - The image area is 2.7 times larger than 35mm. An "ideal format" allowing more compact camera design rivaling the size and convenience of most 35mm SLRs.

6x7cm - The image area is 4.5 times greater than 35mm, with a film size large enough to view with the naked eye. The "ideal format" based upon the traditional 8x10 proportion, matching page layout and printing papers.

For over 60 years, Mamiya medium format cameras and lenses have been designed and manufactured for the most demanding professional applications. With innovative camera designs, precision optics and a comprehensive accessory line, Mamiya continues to earn its reputation as "Master of the Medium".

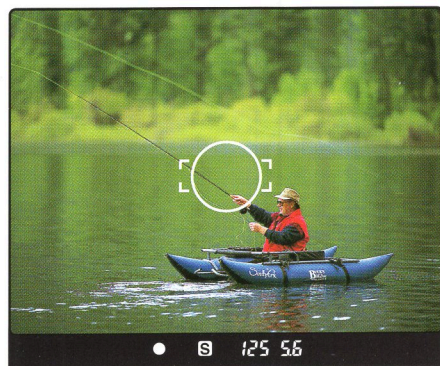
Mamiya

645 AFD AUTO FOCUS

The NEW Mamiya 645AFD is the culmination of years of expertise in medium format camera design with the advancements of today's digital technology. The 645AFD offers evolutionary enhancements in traditional film capture, while offering revolutionary data transfer communication between the camera and the digital back. Whether you're shooting film or digital, it is the most technologically advanced medium format camera in the industry. Responding to the most demanding photographers, the 645AFD is loaded with over 30 enhancements as compared to the original 645AF. Handling like a 35mm SLR, it incorporates features found only on sophisticated 35mm cameras, yet it offers the advantage of a film format that's 2.7x larger than 35mm. New features include TTL flash exposure compensation, MSCE (Mamiya Serial Communication for External), five-segment evaluative metering, Infrared AF assist beam On/Off switch, dial locks on all controls, aperture setting retain during lens change, quick shift exposure control in manual mode, AEL lock in Mirror-up position and much more.

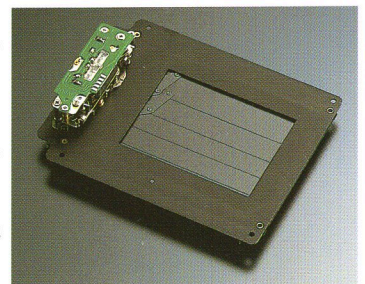
The Mamiya 645AFD utilizes TTL phase-difference detection for high-speed, high-precision auto focus. A highly sensitive H-shaped CCD sensor covers a wider focusing area to assure precise focus even for subjects that are vertical or horizontal. Three AE (P, A and T auto exposure) modes plus manual (T and X mode also) offer exposure meter techniques to complement any photographic application. The 645AFD also sports a super-fast 1/4000 of a second shutter speed for ambient exposures and a flash sync speed of 1/125th of a second. The film back features an LCD panel, which displays film speed, frame number and roll length. The film insert incorporates a built-in motor, which automatically advances the film, and a dual function film pressure plate for 120/220 films. Along with features such as auto-bracketing, exposure data imprinting, sophisticated TTL/OTF flash control and interchangeable film, Polaroid or digital backs, plus 10 Auto focus lenses the NEW Mamiya 645AFD is the world's first cross-platform camera.

The Mamiya AF lens system contains 10 World Class lenses, from a 35mm wide-angle to a 300mm telephoto, plus 2 zoom lenses



(55-110mm and 105-210mm) and a manual focus 120mm macro lens.

At the heart of the 645AFD is a vertical travel, metal focal plane shutter with a top speed of 1/4000 sec., fast enough to freeze even high-speed subjects with razor sharpness. This shutter permits synchronization of electronic flash at up to 1/125 sec. for effective daylight fill-flash techniques. The shutter blades automatically retract when the film back is removed to prevent accidental damage to the shutter blades.



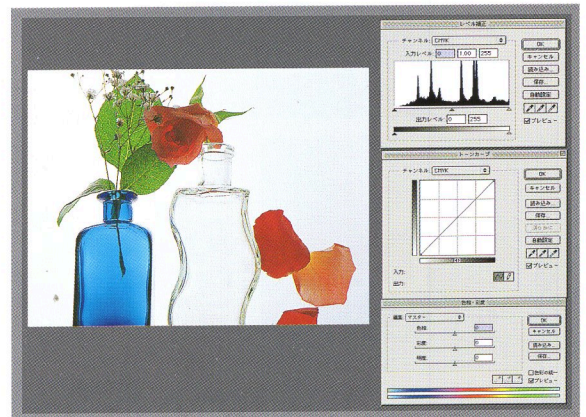
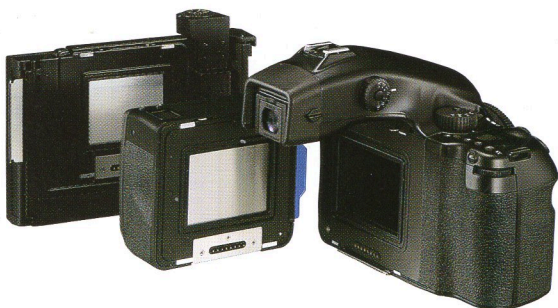
| LENSES | ULD | | | | | APO | | Zoom | | Macro |
|------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|------------------|-------------------|------------------------|--------------|
| | AF 35mm f/3.5 | AF 45mm f/2.8 | AF 55mm f/2.8 | AF 80mm f/2.8 | AF 150mm f/3.5 | AF 210mm f/4IF | AF 300mm f/4.5IF | AF 55-110mm f/4.5 | AF ULD 105-210mm f/4.5 | MF 120mm f/4 |
| OPTICAL CONSTRUCTION | 9 E / 7 G | 9 E / 7 G | 7 E / 6 G | 6 E / 5 G | 5 E / 5 G | 7 E / 5 G | 8 E / 8 G | 11 E / 10 G | 13 E / 11 G | 9 E / 7 G |
| ANGLE OF VIEW | 90 | 74 | 64 | 47 | 26 | 19 | 14 | 65-35 | 36-19 | 33 |
| MINIMUM APERTURE | 22 | 22 | 22 | 22 | 32 | 32 | 32 | 32 | 32 | 32 |
| MINIMUM FOCUSING DISTANCE | 35cm | 45cm | 45cm | 70cm | 150cm | 200cm | 300cm | 150cm | 150cm | 40cm |
| EQUIVALENT 35mm FOCAL LENGTH | 22mm | 29mm | 34mm | 50mm | 93mm | 128mm | 182mm | 34-68mm | 65-130mm | 73mm |

E = Elements G = Groups

Every function has been enhanced to provide a precision tool for auto-focus photography. Conveniently located front and rear dials provide easily accessible control of the camera's functions, encouraging creativity and composition without distraction. The 645AFD combines the exceptional image detail of the 6x 4.5cm format with 35mm ease of use. From Mamiya - the world leader in quality medium-format cameras.



Photo by Bob Kahn



Mamiya

645 AFD AUTO FOCUS

Modular, ergonomic design has long been a hallmark of Mamiya 645 systems, and the new 645AFD carries this tradition forward. The viewfinder and motor drive grip are molded into the camera body to provide center-weight balance and a natural feel in both vertical and horizontal views. Controls fall naturally into place, so there's no fumbling at critical moments.

Three bright, clear LCD panels - one in the viewfinder, one on the camera body and one on the film back - provide digital readouts of all vital information. The film back LCD incorporates memory functions to retain information on film type and the number of frames exposed.

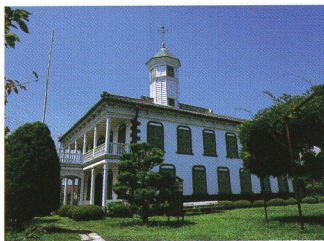
The film back includes a removable 120/220 insert and it is interchangeable with an optional Polaroid or digital back. The standard film back provides capability for imprinting data directly onto the film's outer image area. This includes three-digit index numbering, which remains in memory even when the back is changed, for simplified record keeping. Other data imprinting includes information on exposure mode, aperture value, exposure compensation, year, month, day and time.

A highly sophisticated system of TTL/OTF electronic flash control is built into the camera body, compatible with Metz professional-quality SCA 3002 flash systems.

Additional functions include one-touch auto bracketing of exposures, one-touch multiple exposure and a self-timer that can be set in a range of 3 to 60 seconds.



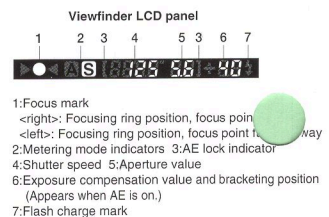
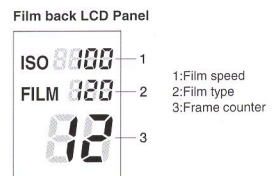
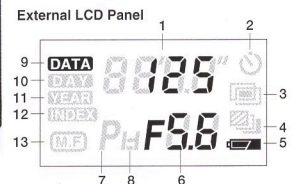
±0



-0.7



+0.5



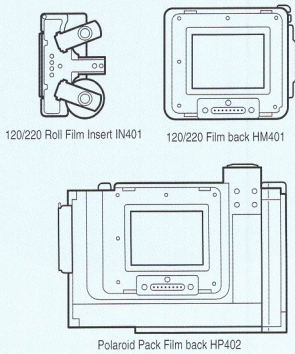
DATA Mode **Av** **F8.0** **1/250** **N+0.5E** **S** **007** **DAY Mode** **'01 12 15** **10:10** **856**

Exposure Mode Aperture Shutter Speed Exposure Compensation Mode Metering Mode Index Number Year Month Day Time Index Number

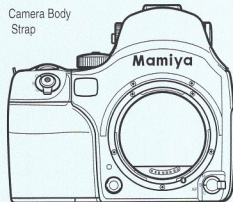
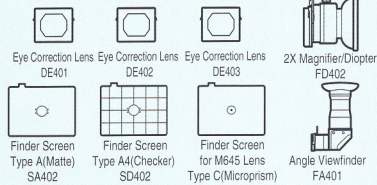
Bracketing Position

645AFD System

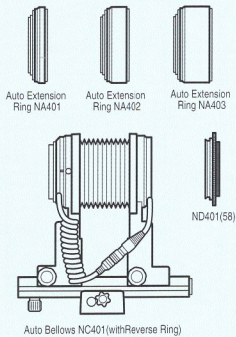
Film Back



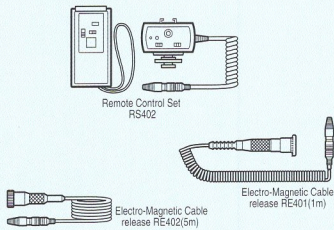
Viewfinder Equipment



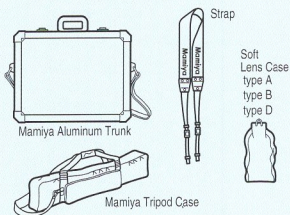
Close-up Equipment



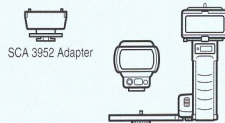
Remote Control Equipment



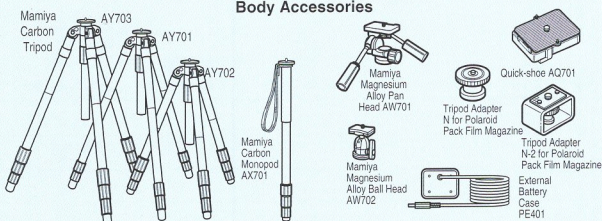
Cases/Strap



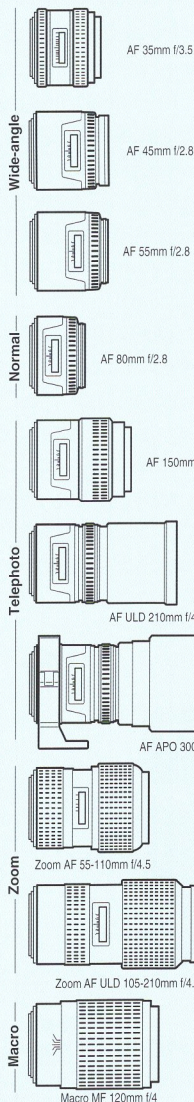
Flash Equipment



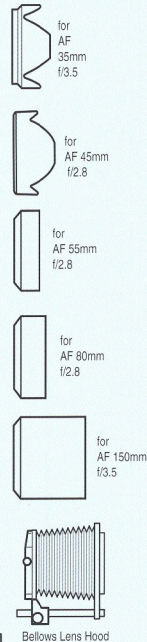
Body Accessories



Lenses



Hoods



Specifications

Camera Type: 6x4.5cm format, electronically controlled focal-plane shutter, TTL multiple mode AE, AF single lens reflex

Actual Image Size: 56x41.5mm

Film Type: 120 roll film (16 exposures); 220 roll film (32 exposures), Polaroid Land Pack Film (requires special HP402 back)

Lens Mount: Mamiya 645 AF Mount, compatible with M645 mount (manual focus confirmation, focus aid, stop-down exposure metering)

Viewfinder: Fixed prism viewfinder magnification x0.71; built-in diopter adjustment (-2.5 to +0.5 diopter, separate diopter correction lenses provide adjustment ranges of -5 to -2 diopter and 0 to +3 diopter); built-in eye-piece shutter

Viewfinder Information: Focus mark, out-of-focus direction mark, aperture value, shutter speed, metering mode (A, S, A/S), exposure compensation value (difference between set value and actual value and displayed in Tv, Av, P modes with the AEL button), bracketing position, battery charge completion mark, AE lock.

Exposure Control Modes: Aperture priority AE, shutter-priority AE, programmed AE (PH, PL setting possible) (1.0-step change by program shift setting), manual

Setting Steps: Shutter speed and aperture both can be set in 1/2 steps; electronic dial lock

Light Metering: TTL metering; center weighted average (AV), spot (SP), and auto A-S variable ratio

Metering Range: EV 2 to EV 19 (with ISO100 film, f/2.8 lens)

Exposure compensation: 3 EV (1/3 step)

Shutter: Electronically controlled vertical metal focal-plane shutter

Shutter speed: AE 30 to 1/4000 sec. (1/8 step), manual 30 to 1/4000 sec. (1/2 step), X, B (Bulb, electronically controlled), T (time, mechanically controlled), automatic shutter curtain open mechanism (open when back is removed, automatically closed when back is attached)

Auto Bracketing: Enabled with Mode Setting button, 0.3, 0.5, 0.7, 1-step units

Flash Synchronization: 1/125 sec., automatically sets to 1/125 synchronized 1/60, 1/125 with TTL flash in program (when Metz flash unit is used)

Flash control: TTL direct metering, supports Metz SCA3000 system (SCA3952 Adapter)

Data Imprinting: 7 segment, dot matrix; DATA mode: exposure mode, aperture value, shutter speed value, exposure compensation, bracketing position, metering mode, ID number; DAY mode: year, month, date, time, ID number switchable between enabled and disabled

Power Requirements: Body: 6 AA-size batteries (alkaline-magnesium, lithium); Film back: 1CR2032

Dimensions/Weight with AF80mm/f2.8 and 120/220 roll film back:

Size: 153(W)x128(H)x184(D)mm, 6"(W)x5"(H)x7.2"(D)

Weight: 1,730g(w/o battery) 61 ounces

Mamiya

645 PRO TL

The Mamiya 645 PRO TL features fast and convenient 35mm handling, with a medium format film size 2.7 times larger than 35mm. The 645 PRO TL can take on virtually any assignment from fashion and beauty to travel and nature, from sports and photojournalism to architecture and advertising illustration, with superior results and convenient operation, including TTL/OTF (through-the-lens/off-the-film) flash automation with dedicated flash units and their dedicated modules.

The 645 PRO TL owes its immense versatility to its ergonomic, sleek compact styling, rugged, modular design, Mamiya's exclusive, sophisticated A/S Matrix Metering AE Prism Finder, modular Power Drive Grip II, and interchangeable system of film backs and lenses. The ever-expanding range of 19 Mamiya 645 Series high performance lenses rivals the assortment of the most impressive 35mm SLR lines. Mamiya 645 lenses include the spectacular series of medium format high speed telephotos including 150mm f/2.8, 200mm f/2.8 APO, 300mm f/2.8 APO, and 500mm f/4.5 APO for exciting and dramatic results in fashion, sports, photojournalism and wildlife photography.

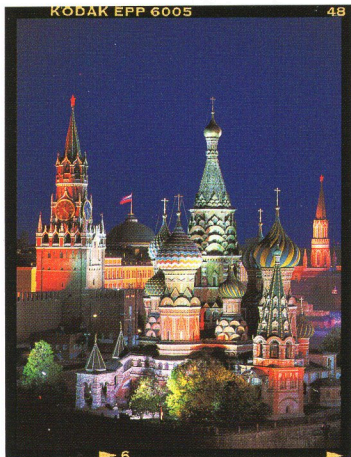


Photo by Harald Sund

For photo-enthusiasts and outdoor or travel photographers, the 120mm f/4 Macro for continuous focusing from infinity to 1:1, and 55-110mm f/4.5 or 105-210mm f/4.5 Mamiya low dispersion design zoom lenses offer excellent choices for a wide range of work.

For critical and illustrative architectural work, there is a 50mm f/4 PC Shift lens, 24mm f/4 Fisheye, and three other wide-angle lenses to choose from.

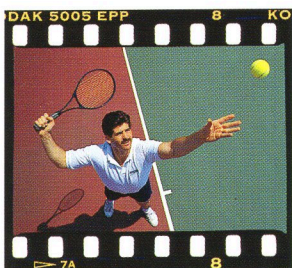


Photo by John Woodward



Photo by Fred Hirschmann

| LENSES | FISHEYE ULD | | | SHIFT | | | | MACRO | | MACRO | |
|------------------------------|-------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|--------------|---------------|--|
| | C 24mm f/4 | C 35mm f/3.5N | C 45mm f/2.8N | C 50mm f/4 | C 55mm f/2.8N | C 80mm f/1.9N | C 80mm f/2.8N | C 80mm f/4N | A 120mm f/4M | A 150mm f/2.8 | |
| OPTICAL CONSTRUCTION | 10E/8G | 9E/7G | 9E/7G | 10E/8G | 8E/6G | 7E/6G | 6E/5G | 6E/4G | 9E/8G | 6E/4G | |
| ANGLE OF VIEW | 180 | 90 | 76 | 70 | 65 | 47 | 47 | 47 | 33 | 33 | |
| MINIMUM APERTURE | 22 | 22 | 22 | 32 | 22 | 22 | 22 | 22 | 32 | 22 | |
| MINIMUM FOCUSING DISTANCE | 30cm | 45cm | 45cm | 45cm | 45cm | 70cm | 70cm | 36cm | 40cm | 150cm | |
| EQUIVALENT 35mm FOCAL LENGTH | 15mm | 22mm | 28mm | 31mm | 34mm | 50mm | 50mm | 50mm | 73mm | 93mm | |

E = Elements G = Groups

The Mamiya 645 PRO TL features fast and convenient 35mm feel and handling, with a medium format film size more than two and a half times larger than 35mm, complete lens and accessory system, interchangeable film backs and viewfinders, and convenient TTL/OTF flash automation.



Photo by Gideon Lewin

| C 150mm f/3.5N | A 200mm f/2.8 APO | C 210mm f/4N | ULD C 300mm f/5.6N | A 300mm f/2.8 APO | C 500mm f/5.6N | A 500mm f/4.5 APO | ZOOM C 55-110mm f/4.5N | ZOOM ULD C 105-210mm f/4.5 | A 55mm f/2.8 N/L |
|----------------|----------------------|--------------|-----------------------|----------------------|----------------|----------------------|---------------------------|-------------------------------|------------------|
| 5 E / 5 G | 7 E / 5 G | 5 E / 4 G | 6 E / 5 G | 9 E / 8 G | 6 E / 5 G | 11 E / 9 G | 11 E / 10 G | 13 E / 11 G | 8 E / 6 G |
| | 20 | 19 | 13 | 13 | 8 | 8 | 65-35 | 36-19 | 65 |
| | 22 | 32 | 32 | 22 | 45 | 32 | 32 | 32 | 22 |
| 150cm | 250cm | 250cm | 400cm | 350cm | 900cm | 500cm | 150cm | 180cm | 45cm |
| 93mm | 124mm | 130mm | 186mm | 186mm | 310mm | 310mm | 34-68mm | 65-130mm | 34mm |

Mamiya

645 PRO TL SYSTEM



The compact, rugged and modular system design of the Mamiya 645 PRO TL includes a large selection of 19 interchangeable lenses, auto extension tubes, auto bellows macro system, interchangeable finders and focusing screens, as well as digital capture backs. The Power Drive Grip II (WG401) motorizes the camera, facilitates remote control, and automatically cocks the camera's focal plane shutter. The camera therefore offers focal plane shutter operation for long or fast shutter speeds from 4 seconds to 1/1000 Sec. synced to 1/60 Sec. The Mamiya 645 PRO TL system offers a choice of interchangeable film backs for 6x4.5cm and 35mm standard, as well as 13x36mm panoramic formats, economical and interchangeable 120 or 220, pre-loadable film inserts for 15 or 30 exposures per roll, plus Polaroid back. All Mamiya 645 PRO film inserts and lenses are fully compatible with earlier Mamiya 645 models, and many other earlier accessories are interchangeable as well.

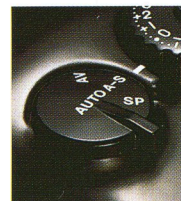
TTL/OTF Flash Automation



The 645 PRO TL offers TTL/OTF (through-the lens/off-the-film) flash automation with a built-in photoreceptor, sensitive flash metering circuitry, and a 6-pin input/output connector on the side of the body. It accepts Metz/SCA and other dedicated flash units for instant flash automation. The TTL flash function can be used with shutter speeds from 1/60 to 4 seconds for creative control. The TTL flash automation allows free selection of aperture, and assures proper flash exposure when using filters, or in close-up/macro situations. A viewfinder flash ready and exposure confirmation light is built into the body. When using the AE or AEL setting with the AE Prism finder, the shutter speed is conveniently set to 1/60 second when the TTL flash is ready.

A/S Matrix Metering

The optional 645 PRO AE Prism Finder with Mamiya's exclusive A/S Matrix Metering System offers spot, average or matrix measurement in manual mode or aperture priority auto. Electronically timed shutter speed accuracy in 1/6 step in auto mode, and +/- 1/3 step exposure compensation provide fast and precise bracketing.



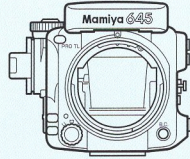
Ergonomic Design

With the PRO AE Finder and Power Drive Grip, the Mamiya 645 PRO handles as fast and as easily as a 35mm SLR. Versatile interchangeable lenses, finders, focusing screens and film backs, Polaroid back and pre-loadable film inserts, complete the modular system.



645 PRO TL

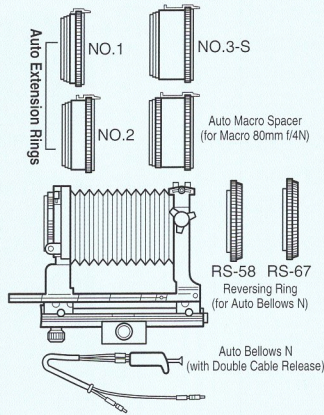
Camera Body
(with Film Advance Crank AC401 and Strap N)



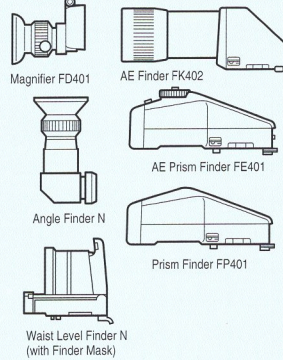
Lenses

- Wide**
 - C 35mm f/3.5 N
 - C 45mm f/2.8 N
 - C 55mm f/2.8 N
- Standard**
 - C 80mm f/1.9 N
 - C 80mm f/2.8 N
- Zoom**
 - Zoom C 55-110mm f/4.5N
 - Zoom ULD C 105-210 mm f/4.5
- Telephoto**
 - A 150mm f/2.8
 - C 150mm f/3.5 N
 - C 210mm f/4 N
 - ULD C 300mm f/5.6 N
 - C 500mm f/5.6
- Leaf Shutter Lens**
 - A 55mm f/2.8 NIL
 - 2x Tele-converter N

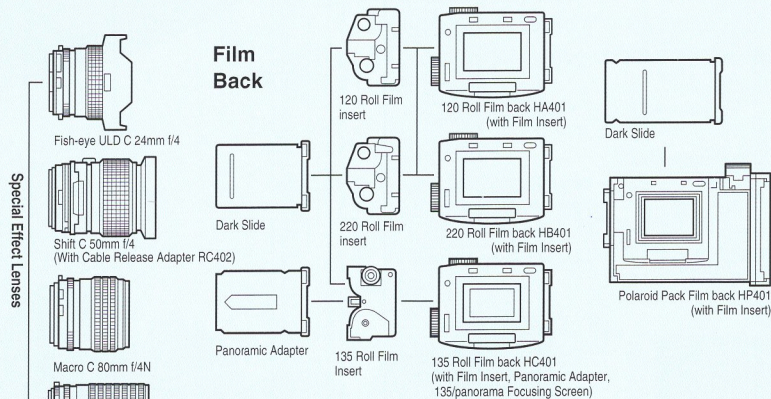
Close-up Attachments



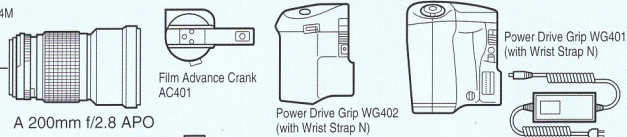
Viewfinders



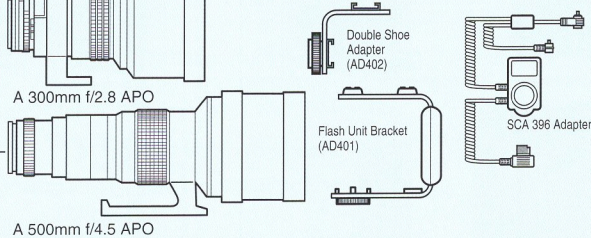
Film Back



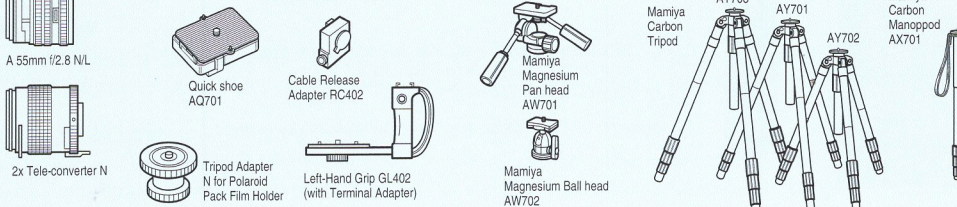
Film Advance Equipment



Flash Equipment



Accessories



Specifications

Type: 645 format focal plane shutter SLR with instant return mirror.

Format: 6x4.5cm (56x41.5mm w/ 120/220 roll film)

Multi-formats: Interchangeable 6x4.5cm 120 and 220, 35mm, Polaroid Proofing.

Shutter: Electromagnetic focal plane shutter 4 Sec. - 1/1000 Sec., B, T. Flash synch 1/60 Sec. Self Timer. Mirror Lock-up.

TTL/OTF Flash Automation: Built-in TTL/OTF flash automation with a built-in photoreceptor, flash metering circuitry, and a 6-pin input/output connector. Accepts Metz / SCA and other dedicated flash units.

Metering Options: AE Prism Finder w/ A/S Matrix Metering and +/- compensation Dial. Aperture Priority AE or manual TTL metering modes with choice of spot, average or matrix pattern.

Multi-Exposure: Single setting lever.

Viewfinder: Optional Waist level, non-Metering Prism, AE Reflex or AE Prism.

Motorized Advance: for film/shutter/motorized auto cocking

Power: One 6V silver or alkaline 4SR44/4LR44

Dimensions/Weight: 124x106x158mm (4.9x4.2x6.2") / 1330g. (3.0 lbs.) W/ waist level Finder, 80mm f/2.8 N lens, 120 back.

645 PRO-TL Accessories:
SCA Adapter 396 for Metz Flash
TL Left Hand Grip
Flash unit Bracket
TL Cable Release Adapter
Double Shoe Adapter

Features and specifications are subject to change.

Mamiya

645_E

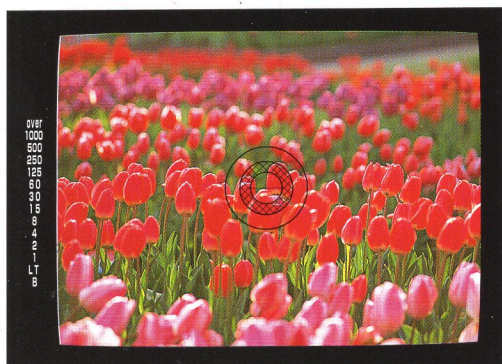
Easy, economical, efficient - the choice of a designation for this version was pretty obvious. The 645E joins the Mamiya 645 Series, offering many of the quality features of high-end models, but with simplicity of control that disguises its sophisticated functions.

A sleek, ergonomic design provides everything needed for the photographer ready to move up to 6x4.5cm format. Aperture-priority auto-exposure with TTL center-weighted metering assures excellent results and responsive versatility under all shooting conditions. The reflex viewfinder remains bright and clear, while the finder LED display keeps the photographer up-to-date on effective shutter speed and other operating parameters.

A range of 19 Mamiya world-class lenses is available to meet every conceivable need, in the studio or on location. Each lens is designed to optimize image quality and manufactured to the strictest quality standards. Best of all, the 645E can grow with you, because it accepts a wide range of Mamiya 645 System accessories to add more sophisticated capabilities as needed.



Photo by Hideki Hoshino



Viewfinder LED Indicators

- OVER — Blinks to indicate over-exposure.
 - 1000 — Lights to indicate shutter speed that matches aperture setting. When shutter speed is between values, both value light.
 - 500
 - 250
 - 125
 - 60
 - 30
 - 15
 - 8
 - 4
 - 2
 - 1
 - LT
 - B — Lights to indicate Bulb
- Metering LEDs also blink to indicate low battery power.

The Mamiya 645E offers a level of professional quality in an affordable system that's perfect for taking the step up to enhanced image quality. All the basic tools that make medium format ideal for going beyond simple snapshots have been packaged into a camera that's easy to use and economical, yet capable of growing with you as you develop your photographic capabilities and creative sense.

Mamiya 645E System

120 Roll Film Insert **220 Roll Film Insert**

Camera Body

Close-up Equipment

- Auto Extension Rings No. 1, No. 2, No. 3-S
- Auto Bellows N (with Double Cable Release)
- Auto Macro Spacer (for Macro 80mm f/4N)
- RS-58, RS-67
- Reverse Ring (for Auto Bellows N)

Hoods/Filters

- M58 No. 1 (Screw-in) for 55mm f/2.8N
- M67 No. 1 (Screw-in) for 80mm f/1.9N
- M58 No. 3 (Screw-in) for 80mm f/2.8N
- M67 No. 2 (Screw-in) for Zoom 55-110mm f/4.5N
- Extension Lens Hood for A200mm f/2.8 APO
- Extension Lens Hood for A300mm f/2.8 APO
- Extension Lens Hood for A500mm f/4.5 APO
- for 300mm f/2.8 APO and 500mm f/4.5 APO Lenses (Normal, UV(SL-39), SL-1B, LB-A, LB-B, Gelatin)
- 77mm (UV, SL, PL)
- 105mm (UV, SL)
- Bellows Lens Hood

Cases/Straps

- Soft Lens Case type A, type B
- Aluminum Trunk KM705, KM706, KM707
- Strap N
- Mamiya Wide Strap Type A (Green), Type B (Black)
- Mamiya Tripod Case

Body Accessories

- Quick-shoe AQ701
- Magnesium Alloy Pan Head AW701
- Magnesium Alloy Ball Head AW702
- Mamiya Carbon Tripod AY703
- Mamiya Carbon Tripod AY701
- Mamiya Carbon Tripod AY702
- Mamiya Carbon Monopod AX701
- External Battery Case

Lenses

Wide Angle Lenses

- C 35mm f/3.5N
- C 45mm f/2.8N
- C 55mm f/2.8N

Standard Lenses

- C 80mm f/1.9N
- C 80mm f/2.8N

Telephoto Lenses

- A 150mm f/2.8
- C 150mm f/3.5N
- C 210mm f/4N
- ULD C 300mm f/5.6N
- C 500mm f/5.6

APO Lenses

- A 200mm f/2.8 APO
- A 300mm f/2.8 APO
- A 500mm f/4.5 APO

Zoom Lenses

- Zoom C 55-110mm f/4.5N
- Zoom ULD C 105-210mm f/4.5

Special Effect Lenses

- Fish-eye ULD C 24mm f/4
- Shift 50mm f/4 (with Cable Release Adapter RC402)
- Macro C 80mm f/4N
- Macro A 120mm f/4M

Leaf Shutter Lenses

- A 55mm f/2.8 NL
- 2X Tele-converter N

Rapid Wind Grip GN401

Specifications

Type: Single-lens reflex camera with electronic focal-plane shutter; 6x 4.5cm format

Image area: 56x41.5cm

Film: 120/220 roll film (15/30 frames)

Film insert: 120 and 220 film types

Film winding: Single-throw 360 crank

Lens mount: Mamiya 645 bayonet mount

Viewfinder: AE-Reflex Viewfinder showing 94%* of image area; built-in eyepiece correction of +/5 diopter

Viewfinder screen: Micro split image

Viewfinder indicators: LED indicator of AE-adjusted shutter speed; over-exposure warning; LT shutter setting

Exposure control: Aperture-priority auto-exposure; manual controls Incremental settings: 1-step shutter settings; 0.5 step aperture settings

Metering: Center-weighted TTL metering in AE or manual modes, metering activated by slight pressure on shutter release button, remains on for 10 sec.

Exposure sensitivity: EV 2 (f/2.8; 2 sec.) to EV 19 (f/22; 1/1000 sec.) for f/2.8 lens with ISO 100 film

Exposure compensation: +/-2 EV in 1/3 steps; adjustment dial

Film speeds: ISO 25-800 (1/3-step settings); set on film speed dial

AE lock function: Set using AEL setting on shutter speed dial

Shutter: Moving coil electronic focal plane shutter

Shutter speeds: 1/1000 sec. to 8 sec. in AE mode, 1/1000 sec. to 4 sec. plus B in manual mode

Flash synch: X synch up to 1/60 sec. (lock function)

Multiple exposure: Activated by lever on camera body

Mirror-up: Mirror-up lever on camera body

Battery requirement: One 6-volt (4 LR 44 alkaline-manganese; 4 SR 44 silver-oxide; 2 CR 1/3 N lithium) cell

Dimensions and weight: Body only: 135(W)x134(H)x164(D) mm, [5.3"(W)x5.3(H)x6.5(D)] 1,120g [39.5 ounces] (w/o battery)

With Mamiya Seeker C 80mm f/2.8 N lens:

135(W)x134(H)x199(D)mm, [5.3(W)x5.3(H)x7.8(D)] 47.3 ounces [1,340g (w/o battery)]

*This information is based on a linear (horizontal/vertical) measurement.

Features and specifications are subject to change.

An exposure compensation of 2/3EV is necessary for the C 500mmf/5.6 Lens

Mamiya

7 II

THE ULTIMATE 6x7 RANGEFINDER

The original Mamiya 7 was a new standard for medium format photography when it first hit the market in 1995. Soon the Mamiya 7 was firmly established as the 6 x 7 format rangefinder camera with interchangeable lens capability and the world's most outstanding image fidelity. Its compact design made it the smallest, lightest camera in its class, bringing virtually unlimited portability to the 6 x 7 format. An

optional adapter also made professional level 35mm panorama photography a reality, and opened up a new world of photographic potential. Now, the latest model, the Mamiya 7 II incorporates all the features and functions of the original Mamiya 7 into a new design that enhances both operation and portability. Features include a bright viewfinder, which is easier on the eyes, multiple-exposure capability and much more. The



Photo by Eric Meola

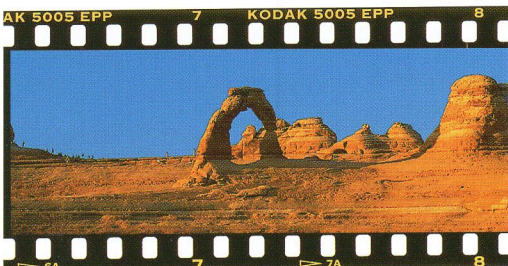


Photo by Martin S. Silverman

Mamiya 7 II comes in a choice of body colors: champagne gold or black. A selection of six lenses are available, including the 50mm f/4.5 wide-angle and the 210mm f/8L medium telephoto in addition to the existing popular lineup of 43mm and 65mm wide-angle lenses. Experience the true joy of photography with the popular Mamiya 7 II.

LENSES

| | N 43mm f/4.5L | N 50mm f/4.5L | N 65mm f/4L | N 80mm f/4L | N 150mm f/4.5L | N 210mm f/8L |
|------------------------------|---------------|---------------|-------------|-------------|----------------|--------------|
| OPTICAL CONSTRUCTION | 10 E/ 6 G | 10 E/ 6 G | 9 E/ 5 G | 6 E/ 4 G | 6 E/ 5 G | 7 E/ 5 G |
| ANGLE OF VIEW | 92 | 84 | 69 | 58 | 34 | 24 |
| MINIMUM APERTURE | 22 | 22 | 22 | 22 | 32 | 32 |
| MINIMUM FOCUSING DISTANCE | 100cm | 100cm | 100cm | 100cm | 180cm | 700cm |
| EQUIVALENT 35mm FOCAL LENGTH | 21mm | 24mm | 32mm | 39mm | 71mm | 100mm |

E = Elements G = Groups

The Mamiya 7 II is an exciting, quiet, compact, versatile and a lightweight rangefinder camera, yielding large detailed 6x7cm format images favored by many top professionals, art directors and discriminating photographers around the world.



Photo by Lars Thulin

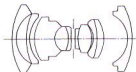
Mamiya

7 II SYSTEM



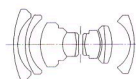
Ultra Wide Angle N 43mm f/4.5L with Special Viewfinder

The Mamiya 43mm f/4.5 is a true wide-angle design that produces unparalleled results with a maximum of 0.04% distortion at the corners. The 43mm f/4.5 opens up a new world of distortion-free ultra-wide angle photography. Supplied with ultra-wide optical viewfinder. The detachable ultra-wide optical viewfinder is used for composition. It features a built-in, adjustable diopter, rubber eyecup, and built-in spirit level.



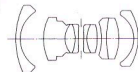
Wide Angle N 50mm f/4.5L with Special Viewfinder

The Mamiya N 50mm f/4.5L is a true wide-angle design. The N 50mm is an intermediate lens between the 43mm and 65mm lens, with an 84-degree angle of view. It is equivalent to a 24mm wide-angle lens in 35mm format. The same type of lens design as the 43mm lens, it provides high performance in a compact configuration. Chromatic aberration is eliminated and it produces stable, high contrast and resolution even at fully open apertures.



Wide Angle N 65mm f/4.0L

The Mamiya 65mm f/4.0 is a true wide-angle design. It provides distortion-free performance that produces results virtually indistinguishable from standard focal length lenses, yet it offers the unique perspective and spatial relationships possible with a wide focal length.



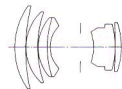
Standard N 80mm f/4.0L

The Mamiya 80mm f/4.0 is a standard lens using a symmetrical design for exceptional performance. For the fast and spontaneous shooting style associated with a rangefinder camera designs, the 80mm focal length is a logical choice as a wide to normal lens.



Telephoto N 150mm f/4.5L

The Mamiya 150mm f/4.5 is a moderate telephoto, using a unique design of six elements in five groups, along with low and ultra-low dispersion glass to create an apochromatic performance matched to the entire group of Mamiya 7 lenses. In addition to the camera's built-in automatically coupled rangefinder and viewfinder frame lines, an optional 150mm optical viewfinder is available for added ease of composition.

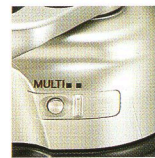


N 210mm f/8L with Special Viewfinder The Mamiya N 210mm f/8L expands photographic potential

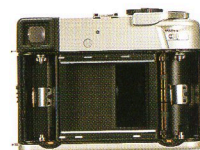
This telephoto lens is a compact companion to the 150mm, designed for aerial or landscape photography, as well as other applications. Lens elements of low-dispersion glass assure maximum correction of chromatic aberration for exceptional image fidelity. The extended reach, coupled with its compact, lightweight design, provides particular versatility and superior performance.



Multiple-exposure Lever



Multiple-exposure lets you overlap two, three, four, or even more images on a single film frame. The multiple-exposure lever of the Mamiya 7 II makes this creative photographic technique simple and easy.



Dark Slide Curtain for changing lenses

A built-in dark slide curtain can be activated between the lens and film, when changing lenses to keep light



from reaching the film in the camera during lens changes. The curtain can be opened and closed using controls on the bottom of the camera. An easy-grip knob allows easy activation, even while wearing gloves. Once a lens is attached, simply sliding release can retract the dark slide. Safety interlock prevent film from being accidentally exposed.



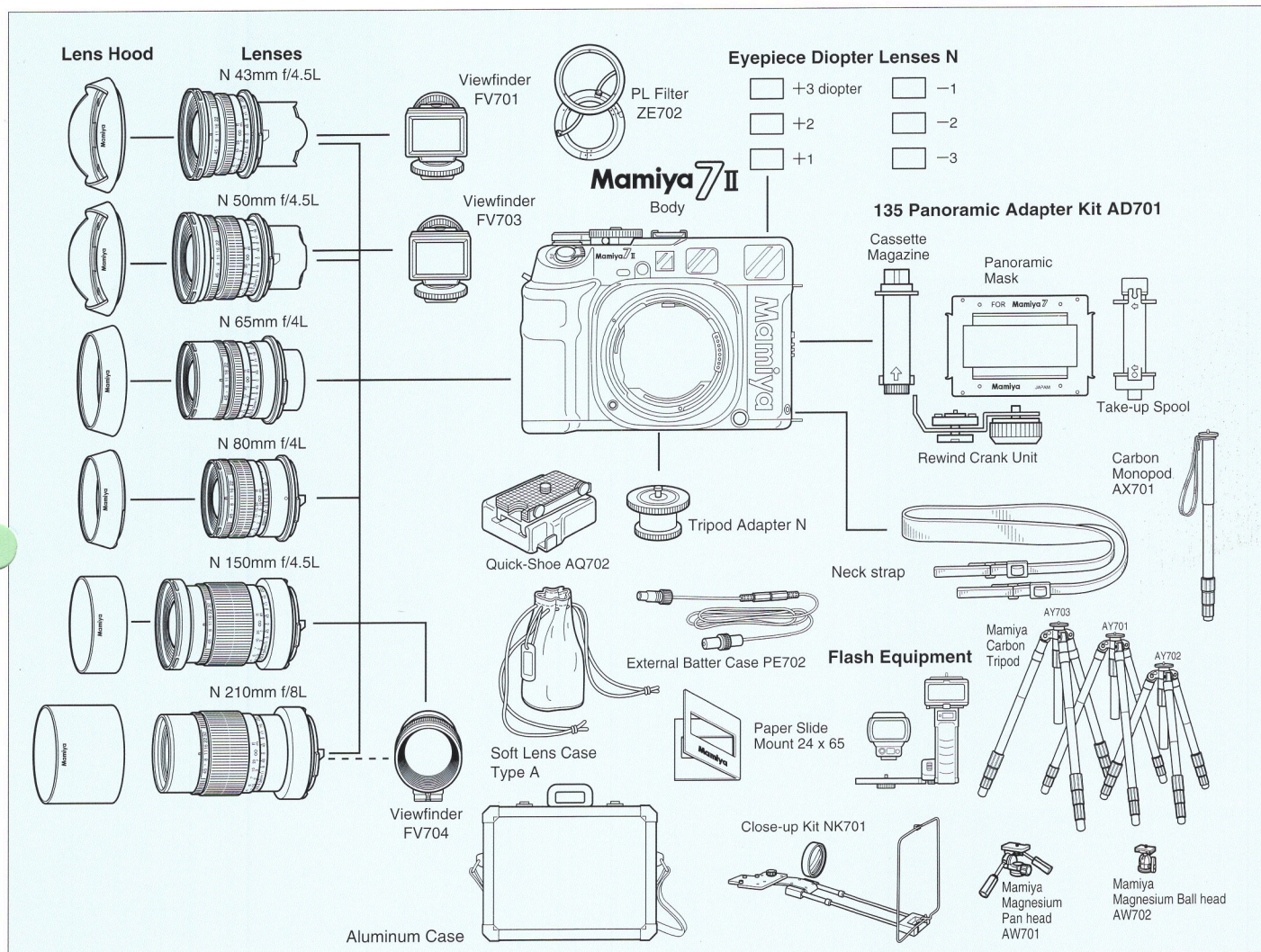
Automatic and Manual Control Metering

The AE system is able to provide excellent exposures for virtually any lighting situation, even with high contrast subjects. An AE lock is provided to permit recomposing after the initial exposure meter reading is obtained. All shutter speeds can also be set manually on the camera's shutter speed dial. In this mode, the exposure meter can still be utilized by observing the LED readouts along the bottom edge of the viewfinder. Exposure compensation from +2 to -2 EV gives additional manual control to adjust for filter factor or to obtain certain desired effects. A switching lever with built-in lock lets you change settings with one finger.

35mm Panoramic Adapter Kit



The Mamiya 7II is designed to take 35mm film cassettes when the optional panoramic kit is inserted. It yields spectacular 24x65mm images, an aspect ratio of 1:2.7. The optional 35mm panoramic kit consists of a panoramic film mask; a cassette magazine, film take-up spool and rewind crank set. Its simple design provides quick installation and use.



Specifications

Type: 6x7 format rangefinder with interchangeable lenses.

Format: 6x7cm (56x69.5mm w/120/220 roll film).

Multi-formats: Optional interchangeable panoramic insert mask (24x65mm w/35mm roll film).

Shutter: Electromagnetic full flash synch lens

shutter, B, 4 sec.-1/500 sec., X synchronization at all speeds, hot shoe and synch-socket.

Metering Options: Built-in metering with 1/3 step +/- 2 stops Compensation Dial, Aperture Priority AE or manual metering modes.

Viewfinder: Coupled rangefinder for all lenses with auto indexed bright-line frames (65mm, 80mm, 150mm), auto parallax compensation, LED readout shutter speed indicator, separate ultra-wide optical viewfinder supplied with

43mm lens and 50mm lenses. No coupled rangefinder but Special viewfinder for 210mm f/8 L lens.

Power: One 6V (4SR44, 4LR44 or 2CR1/3 lithium) battery

Dimensions/Weight: 160x112x120mm (6.3x4.4x4.7"), 1210g (2.6 lbs.) with 80mm lens

Features and specifications are subject to change.

CLOSE-UP KIT

The Mamiya 7 Close-up Kit allows the 80mm f/4 lens to focus at a fixed distance of approximately eleven inches from the lens for a magnification ratio of 0.32x life size. The Kit includes a two element screw-in close-up lens, folding composition frame, and case.

QUICK SHOE AQ702

The quick shoe is custom designed for the Mamiya 7, and allows fast attachment and release from a tripod head without interfering with the controls on the bottom of the camera body. Attaches to standard 1/4" tripod sockets and incorporates an anti-twist plate.

Mamiya

RZ67 PRO II

The Mamiya RZ67 PRO II has become the industry standard used by many of today's most renowned photographers and artists because of its large ideal 6x7cm format size, which is over four and a half times larger than 35mm. Also notable are the RZ's ultra-high performance lenses, and multi-format versatility. Distinctive features include convenient revolving back, bellows focusing, big and bright viewfinder, and extensive system of accessories.



Photo by John Woodward



Photo by Jim Zuckerman

The Mamiya RZ67 PRO II's multi-format capability offers an impressive choice of interchangeable film backs including 6x4.5cm and 6x7cm, 6x7cm pre-loadable film inserts, Polaroid Instant Proofing back, and today's digital image capture devices and digital backs.

The Mamiya RZ67 PRO II is a versatile modular camera system, designed for the most demanding commercial photographic applications such as advertising, fashion, industrial, portrait and architectural photography. Mamiya's RZ lenses have ultra-precision electromagnetic leaf shutters, with specialty optics including Shift, variable flat field Macro, Zoom, Fisheye, and a spectacular series of telephoto APO lenses.



| LENSES | FISHEYE Z | Z 50mm f/4.5W | ULD | M 65mm f/4L-A | SHIFT | Z 90mm f/3.5W | Z 110mm f/2.8W | MACRO M |
|------------------------------|-------------|---------------|---------------|---------------|---------------|---------------|----------------|------------------|
| | 37mm f/4.5W | | M 50mm f/4.5L | | Z 75mm f/4.5W | | | 140mm f/4.5M/L-A |
| OPTICAL CONSTRUCTION | 9 E / 6 G | 11 E / 9 G | 15 E / 11 G | 9 E / 8 G | 11 E / 9 G | 6 E / 6 G | 6 E / 5 G | 6 E / 4 G |
| ANGLE OF VIEW | 180 | 84 | 82 | 68 | 62 | 53 | 44 | 27 |
| MINIMUM APERTURE | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| MINIMUM FOCUSING DISTANCE | 26cm | 28cm | 29cm | 35cm | 42cm | 43cm | 53cm | 76cm |
| EQUIVALENT 35mm FOCAL LENGTH | 18mm | 24mm | 24mm | 32mm | 36mm | 44mm | 53mm | 68mm |

E = Elements G = Groups

The RZ67 PRO II has become the industry standard used by many of today's most renowned photographers because of its large 6x7cm ideal format film size, ultra-high performance lenses, and multi-format versatility. Distinctive features include convenient revolving back, bellows focusing, big and bright view-finder, and an extensive system of accessories.



Photo by Joe Baraban

| Z 150mm f/3.5W | Z 180mm f/4.5W-N | SOFT M 180mm f/4D/L | Z 250mm f/4.5W | ZOOM Z 100-200mm f/5.2W | APO 210mm f/4.5 | APO 250mm f/4.5 | APO 350mm f/5.6 | APO 500mm f/6 | M 75mm f/4.5L SB | M 180mm f/4.5L SB |
|----------------|------------------|------------------------|----------------|----------------------------|--------------------|--------------------|--------------------|------------------|---|---|
| 6 E / 4 G | 4 E / 3 G | 6 E / 4 G | 5 E / 4 G | 14 E / 12 G | 7 E / 5 G | 7 E / 5 G | 7 E / 6 G | 7 E / 7 G | 11 E / 9 G | 4 E / 3 G |
| | 28 | 28 | 20 | 48-25 | 24 | 21 | 15 | 10 | 62 | 28 |
| | 45 | 32 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| 82cm | 110cm | 105cm | 185cm | 55-122cm | 143cm | 186cm | 342cm | 649cm | 578mm(stand alone) 416mm(with spacer attached) | 2,101mm(stand alone) 1,099mm(with spacer attached) |
| 73mm | 87mm | 87mm | 121mm | 48-97mm | 102mm | 119mm | 167mm | 238mm | 36mm | 87mm |

Mamiya

RZ67

PRO II SYSTEM



The Mamiya RZ67 PRO II system includes interchangeable standard waist level finder, eye level prism, and advanced RZ II AE Prism Finder with Mamiya's exclusive A/S Matrix Metering System for spot, average or matrix measurement in manual

or aperture priority automatic mode. Its electronically timed 1/2 step shutter speed accuracy in manual and 1/6 step accuracy in auto mode yields perfect exposures even with synched flash for outdoor fill-in flash photography.

The Mamiya RZ PRO II combines rugged hybrid mechanical design with the most desirable electronic features of sophisticated TTL A/S Matrix Metering, precision timed electromagnetic leaf shutter operation, consistent from lens to lens, and auto wind and remote control options. A 1/400 second mechanical override is provided in case of battery failure.

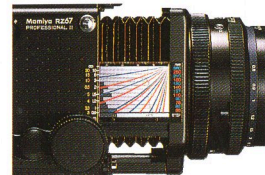
In addition to a wide assortment of interchangeable film backs, inserts and other system accessories include motorized film and shutter advance with Winder II, interchangeable focusing screens, vari-diopter eyepiece magnifier, extension tubes, tilt shift adapter and remote control. Also, Mamiya RB67 series lenses, finders, and many accessories are fully compatible with the RZ PRO II.

Revolving Camera Back



The RZ PRO II's unique revolving back feature permits instant change from vertical to horizontal composition with the flip of the wrist. Automatic viewfinder masking frames the big, bright image for total creative control and vision.

Bellows Focusing



The RZ PRO II built-in bellows permits continuous focusing from infinity to close range with all focal length lenses, without the need for added accessories. Optional extension tubes may be added for macro focusing to 1:1 magnification or greater.

1/2 Step Shutter



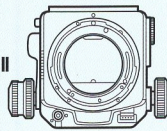
The RZ PRO II offers precision electronically timed, fully synched leaf shutter speeds from 1/400 Sec. to 8 seconds, plus B and T. Manual shutter speeds between 1/250 Sec. and 4 seconds may also be set in 1/2 steps, ideal for critical control with fill flash or bracketing. Auto speed setting in 1/6 steps is possible with the RZ PRO II AE Prism Finder.

Micro-fine Focusing



Unique, easy grip, dual geared, rack and pinion focusing knobs offers choice of fine, or micro-fine bellows focusing for the utmost precision, far beyond the ability of ordinary helicoid focusing designs. Permits exacting focus even with very short or very long focal length lenses. The focus lock lever prevents accidental movement of focus knob.

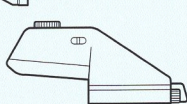
RZ67 PROFESSIONAL II



Camera Body



Viewfinders

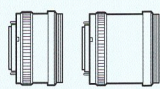


AE Prism Finder FE701



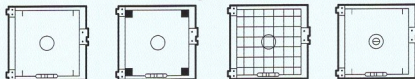
Focusing Hood FW702

Close-up Attachments

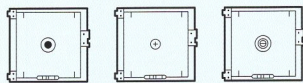


No.1 No.2
Auto Extension Tubes RZ

Focusing Screens

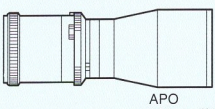
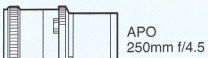
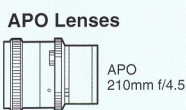
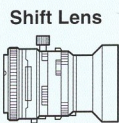
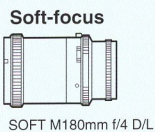
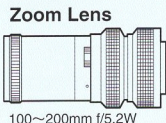
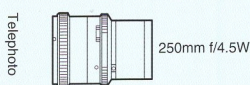
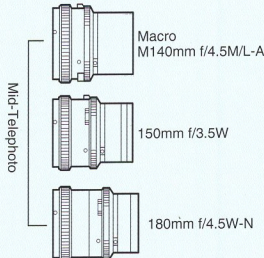
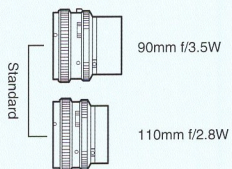
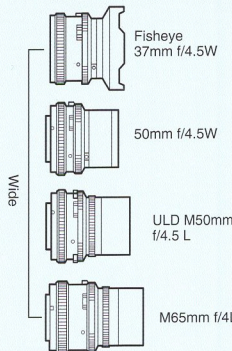


Type A Matte Type A3 Matte Type A4 checker Type B Range finder Spot

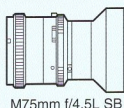


Type C Microprism Type D Cross Hair Type E Range finder Spot/Microprism

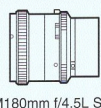
Lenses



Lenses for Shift/Tilt Adapter



M75mm f/4.5L SB

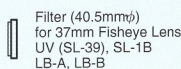


M180mm f/4.5L SB

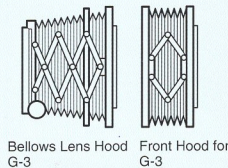
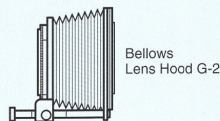


Spacer for SB Lenses

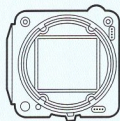
Filters



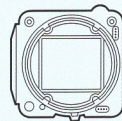
Lens Hoods



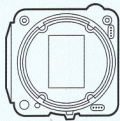
Film Back



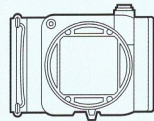
120 Roll Film Back HA703



220 Roll Film Back HB702



120 Roll Film Back 6x4.5 HA704

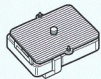


Polaroid Land Pack Film Back HP702

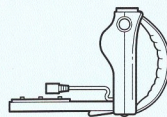
Accessories



Winder RZ Model2



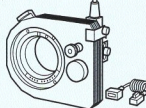
Quick-Shoe AQ701



L-Grip Holder RZ

Shift/Tilt Adapter

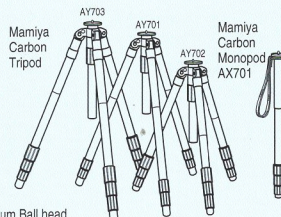
NI701



Mamiya Magnesium Pan head AW701



Mamiya Magnesium Ball head AW702



Mamiya Carbon Tripod AY703

Mamiya Carbon Monopod AX701

Specifications

Type: 6x7 format lens shutter SLR with bellows focusing and revolving back.

Format: 6x7cm (56x69.5mm w/120/220 roll film)

Lenses: Standard lens is Mamiya Sekor Z 110mm f/2.8W. Interchangeable.

Multi-formats: Interchangeable 6x7cm 120 and 220, 6x4.5cm 120, Polaroid Proofing Back, Digital Backs.

Shutter: Seiko #1 electronic lens shutter with speeds of 8" to 1/400" plus mechanical B and T settings; accepts X-flash synch.

Release: Electromagnetic with lock. Emergency mechanical operation at 1/400sec. only.

Film winding, shutter, mirror up: Possible with single lever setting on the body. Set angle 114 degree. Automatic set with winder attachment.

Multi-Exposure: R/M lever at M position.

Focusing: Rack/pinion bellows mechanism with tension control; bellows extension to 46mm with fixed indicator of film plane-to-subject distance and magnification.

Viewfinder: Waist-level with sealed magnifier(-1.5) and operating indicators, interchangeable with other viewfinders, 95%* field-of-view with automatic revolving mask for vertical/horizontal image.

Motorized Advance Release options:

Electro-magnetic cable release contacts, on the camera body also accept mechanical cable release, self-timer release, and remote control release set.

Power: One 6V 4SR44 silver or alkaline 4LR44

Dimensions/Weight:

108x133.4x212.5mm (4.25x5.28x8.4")/ 2490g (5.5 lbs.) w/ 110mm lens and 120 back

Features and specifications are subject to change. * This information is based on a linear (horizontal/vertical) measurement.

Mamiya

RB67 PRO SD

For over three decades, the worldwide popularity of the Mamiya RB Series has earned its reputation as the "workhorse of the pros." The RB67 PRO SD is the successor to the legendary RB67, Mamiya's original revolving back camera, introduced in 1970. Today the RB67 PRO SD offers the same fully mechanical reliability and simple operation of its predecessors, and a complete system compatibility with all previous RB lenses, backs, finders and accessories.

The mechanical Mamiya RB67 PRO SD is the top choice of commercial and

portrait studios in the world today because of its many unique features including 6x7cm film format size, which is over four and a half times larger than 35mm. With such a large size format it's no wonder it's the first choice for retouching, reproduction or film scanning. Its revolving back allows quick positioning from horizontal to vertical composition, without turning the entire camera. Fast and precise bellows focusing with focus lock permits fast and easy close-ups without special attachments.



Photo by David Fetherston



Photo by Bruce and Sue Hudson



Photo by Dana Fineman

| LENSES | FISHEYE | SHIFT | | | | | MACRO | |
|------------------------------|--------------|--------------|--------------|----------------|------------------|----------------|-----------------|---------------------|
| | C 37mm f/4.5 | C 50mm f/4.5 | KL 65mm f/4L | KL 75mm f/3.5L | L 75mm f/4.5 S/L | KL 90mm f/3.5L | KL 127mm f/3.5L | KL 140mm f/4.5M/L-A |
| OPTICAL CONSTRUCTION | 9 E / 6 G | 11 E / 8 G | 9 E / 8 G | 9 E / 7 G | 11 E / 9 G | 8 E / 7 G | 6 E / 4 G | 6 E / 4 G |
| ANGLE OF VIEW | 180 | 81 | 68 | 61 | 61 | 52 | 39 | 35 |
| MINIMUM APERTURE | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| MINIMUM FOCUSING DISTANCE | 26cm | 28cm | 35cm | 38cm | 42cm | 45cm | 64cm | 76cm |
| EQUIVALENT 35mm FOCAL LENGTH | 18mm | 25mm | 32mm | 37mm | 37mm | 44mm | 62mm | 68mm |

E = Elements G = Groups

For over three decades, the worldwide popularity of the mechanical Mamiya RB Series has earned its reputation as the most rugged and reliable "workhorse of the pros."



Photo by William S. McIntosh

| KL 150mm f/3.5L | SOFT FOCUS SF C 150mm f/4 | KL 180mm f/4.5L-A | APO KL 210mm f/4.5L | KL 250mm f/4.5L-A | APO KL 250mm f/4.5L | APO KL 350mm f/5.6L | C 500mm f/8 | APO L 500mm f/6L | ZOOM C 100-200 mm f/5.2W |
|-----------------|------------------------------|-------------------|------------------------|-------------------|------------------------|------------------------|-------------|---------------------|-----------------------------|
| 6 E / 3 G | 5 E / 3 G | 4 E / 3 G | 7 E / 5 G | 5 E / 4 G | 7 E / 5 G | 7 E / 6 G | 6 E / 6 G | 7 E / 7 G | 14 E / 12 G |
| | 33 | 28 | 24 | 20 | 21 | 15 | 10 | 10 | 47-26 |
| 32 | 32 | 45 | 45 | 45 | 45 | 45 | 32 | 45 | 45 |
| 82cm | 86cm | 110cm | 143cm | 185cm | 186cm | 342cm | 660cm | 649cm | 55-122cm |
| 74mm | 74mm | 87mm | 102mm | 118mm | 119mm | 167mm | 238mm | 238mm | 48-97mm |

Mamiya

RB67

PRO SD SYSTEM



Specialized Mamiya lens designs including the RB 150mm f/4

Variable Soft Focus and 100-200mm

f/5.2 Zoom make the reliable, mechanical Mamiya

RB67 PRO SD system ideal for heavy commercial and studio use, as well as portraiture, glamour and wedding photography.

The RB67 PRO SD features a larger lens mount diameter to accommodate special lenses such as the 75mm PC shift and 500mm APO lenses. Recently design RB K/L Series ultra-high performance lenses are optically identical to the RZ Series lenses. In addition, the latest RB67 PRO SD is fully compatible with all earlier RB Series lenses, finders and accessories. The optional PD Metering Prism Finder has TTL spot or average metering patterns built-in.

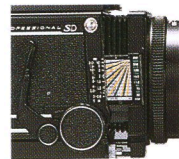
The Mamiya RB67 PRO SD's multi-format capability offers an impressive choice of interchangeable film magazines from 6x4.5cm to 6x7cm, economical 6x7cm pre-loadable film inserts, Polaroid back, digital backs, 70mm roll film backs, plus motorized 6x7cm and 6x8cm 120/220 film backs. Other system accessories include interchangeable focusing screens, vari-diopter eyepiece magnifier, and extension tubes, making the RB67 PRO SD excellent for commercial copy work as well.

Multi-Format Capability



The Mamiya RB67 PRO SD system offers many interchangeable multi-format options including 6x7cm and 6x4.5cm ideal formats, 6x7cm and 6x8cm motorized backs, 6x7cm 70mm film backs, Polaroid as well as digital backs.

Bellows Focusing



The RB67 PRO SD's built-in bellows permits continuous focusing from infinity to close range with all focal length lenses, without the need for added accessories. Optional extension tubes may be added for macro focusing to 1:1 magnification or greater.

Revolving Camera Back



The RB67 PRO SD's unique revolving back feature permits instant change from vertical to horizontal composition with the flip of the wrist. Fast and easy operation makes it ideal for studio portrait and wedding use.

RB67 PRO SD

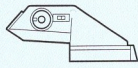


Camera Body

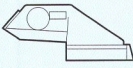
Viewfinders



Magnifier
(for Prism Finders)



Prism Finder
Model 2



PD Prism Finder



Waist-Level Finder
FW701

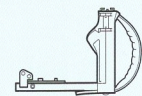
Lenses

| | | | | | |
|-----------|--|--------------------|-----------------------|--|----------------------------|
| Wide | | C 50mm f/4.5 | Special Effect Lenses | | Fish-Eye C 37mm f/4.5 |
| | | KL 65mm f/4L | | | Macro KL 140mm f/4.5 M/L-A |
| | | KL 75mm f/3.5L | | | Soft-focus SF C 150mm f/4 |
| Standard | | KL 90mm f/3.5L | Zoom Lens | | Shift L 75mm f/4.5 S/L |
| | | KL 127mm f/3.5L | | | Zoom C 100-200mm f/5.2W |
| | | KL 150mm f/3.5L | | | KL 210mm f/4.5 APO/L |
| Telephoto | | KL 180mm f/4.5 L-A | APO Lenses | | KL 250mm f/4.5 APO/L |
| | | KL 250mm f/4.5 L-A | | | KL 350mm f/5.6 APO/L |
| | | L 500mm f/6 APO/L | | | |
| | | | | | |

Accessories



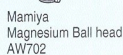
Quick-Shoe
AQ701



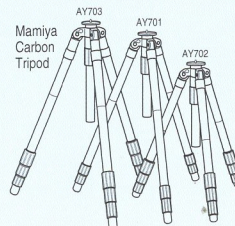
Left Hand Grip
GL701



Mamiya
Magnesium
Pan head
AW701



Mamiya
Magnesium
Ball head
AW702



AY703
Mamiya
Carbon
Tripod

AY701

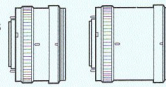
AY702



Mamiya
Carbon
Monopod
AX701

Close-up Attachments

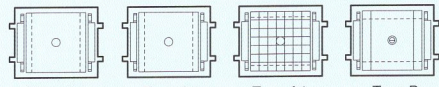
Auto Extension Tubes



45mm

82mm

Focusing Screens

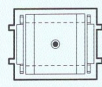


Type A
Matte

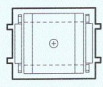
Type A
6x8 Matte

Type A4
Checker

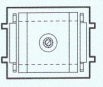
Type B
Range finder Spot



Type C
Microprism

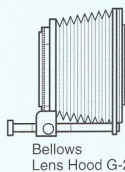


Type D
Cross Hair

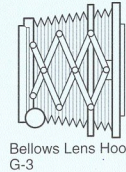


Type E
Range finder
Spot/Microprism

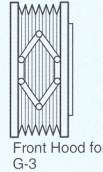
Lens Hoods



Bellows
Lens Hood
G-2

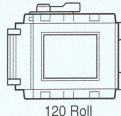


Bellows Lens Hood
G-3

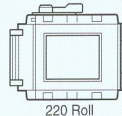


Front Hood for
G-3

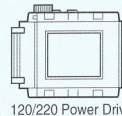
Film Back



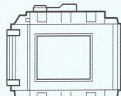
120 Roll
Film Back
HA701



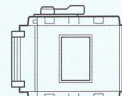
220 Roll
Film Back
HB701



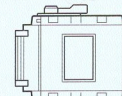
120/220 Power Drive
Roll Film Back 6x7



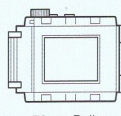
120/220 Power Drive
Roll Film Back 6x8



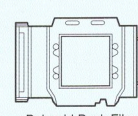
120 Roll Film Back
6x4.5 HA702
(with Special Finder Mask)



220 Roll Film Back
6x4.5 HB704
(with Special Finder Mask)



70mm Roll
Film Back
(with Rubber Ball and Cassette)



Polaroid Pack Film
Back HP701



Revolving Adapter
AR701

Specifications

Type: 6x7 format lens shutter SLR with bellows focusing and revolving back.

Format: 6x7cm (56x69.5mm w/ 120/220 roll film)

Multi-formats: Interchangeable 6x7cm 120 and 220, 6x4.5cm 120 and 220, 6x7cm and 6x8cm motorized film backs, Polaroid Proofing Back.

Shutter: All mechanical full flash synch lens shutter 1 sec. - 1/400 Sec., B, T. Mirror-up operation.

Metering Options: PD Prism Finder for TTL manual metering with choice of spot or average pattern.

Multi-Exposure: single setting lever on SD backs.

Focusing: Rack/pinion bellows mechanism; bellows extension to 46mm with fixed indicator of film plane-to-subject distance and magnification.

Viewfinder: Waist-level finder is standard with one-touch pop up 1.5x magnifier. Interchangeable with each viewfinder.

Viewfinder screens: with type A matte. All matte with Fresnel lens. Interchangeable.

Motorized Advance for film w/6x7 or 6x8 Power Backs.

Dimensions/Weight: 104x144x233mm (4.2x5.7x9.2")/ 2690g.(5.8 lbs) w/127mm lens and 120 back.

Features and specifications are subject to change.

Mamiya

LENS SYSTEMS

MAMIYA 645AF SERIES

These lenses incorporate an advanced digital circuitry to assure precise focus automatically under all shooting conditions.

This new generation of lenses incorporates the latest cutting-edge optical designs. This line of 10 lenses consists of: the 35mm ultra wide-angle, 45mm and 55mm wide-angles lens all using low-dispersion glass and floating element design, offering high-contrast and high-resolution results especially in the outer edges. The lightweight and compact AF 80mm standard and AF 150mm medium-telephoto, are ideal for portrait photography or general applications. The AF ULD 210mm f/4 IF telephoto and AF APO 300mm f/4.5 IF are made in a compact design because they utilize IF (Internal Focus) technology and with the latest optical design these lenses eliminate ghosting and flaring because of their ULD (Ultra Low Dispersion glass) or APO (Apochromatic glass) optical technology. The NEW 55-110mm AF and 105-210mm AF telephoto zooms, provide sharp images with quick action zooming. The New 120mm MF macro manual focus lens offers a magnification range from infinity to 1:1, and it uses anomalous dispersion glass equaling APO lens performance.



Photo by Fumio Takashima

MAMIYA 645TL SERIES

These lenses come in a range of 19 superbly designed and manufactured focal lengths, to meet all photographic needs, from the most basic to advanced professional requirements. Two compact zoom models provide a wide range of coverage for location work. The 120mm f/4 Macro focuses continuously from infinity to 1:1 life size for versatile performance. Additionally three apochromatic telephoto lenses along with a 2x tele-converter, wide-angle and super wide-angle lenses, including a 50mm f/4 PC shift lens handle virtually all interior or scenic work. The 24mm f/4 ULD Fish-Eye lens provides a unique field-of-view for specialized applications.

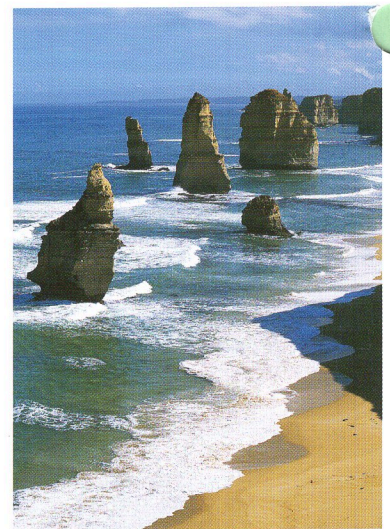


Photo by Harald Sund



Photo by Fumio Takashima

Every Mamiya professional medium format camera is supported by a versatile system of Mamiya world-class, high performance lenses, the perfect blend of art and optical science.

MAMIYA 7II SERIES

To assure exquisite corner-to-corner image resolution, these lenses feature low-dispersion glass and are cam-coupled to the rangefinder, except for the N 210mm f/8 L medium telephoto. The five fully synched electromagnetic leaf-shutter lenses range from the distortion-free 43mm f/4.5 ultra wide-angle to the compact 150mm f/4.5 telephoto. The 50mm f/4.5 medium wide-angle, 65mm f/4 wide-angle and 80mm f/4 normal lenses all feature symmetrical design for exceptional performance.



Photo by Eric Meola

MAMIYA RZ SERIES

These lenses for the RZ67 PRO II system are available in 17 focal lengths ranging from fisheye to extreme telephoto, and special application lenses including the PC shift, Variable Flat Field Macro, Zoom, and an unparalleled series of RZ Apochromatic performance telephoto lenses.

These lenses incorporate an accurate electromagnetic leaf shutter, which syncs with flash at every shutter speed. Shutter speeds are easily controlled by a shutter speed dial on the RZ PRO II body or optional AE Prism Finder II.



Photo by Eric Meola

MAMIYA RB SD SERIES

These 18 lenses range from fisheye to extreme telephoto, for the RB PRO SD and RZ67 PRO II systems include special application lenses for Variable Soft Focus, PC shift, Variable Flat Field Macro, Zoom, and an exceptional series of K/L APO Series Apochromatic telephoto lenses. K/L Series lenses are optically identical to the ultra-high performance RZ Series lens designs, while they utilize fully mechanical leaf shutters.



Photo by Jack Reznicki

Mamiya®



Mikhail Baryshnikov

Photo by © Annie Leibovitz



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Specifications and features subject to change without notice #219-628

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