

# Mamiya®

Mamiya 7 II

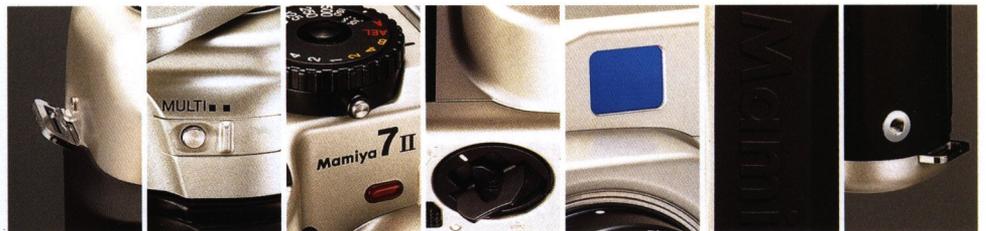






## Mamiya makes a great camera even better.

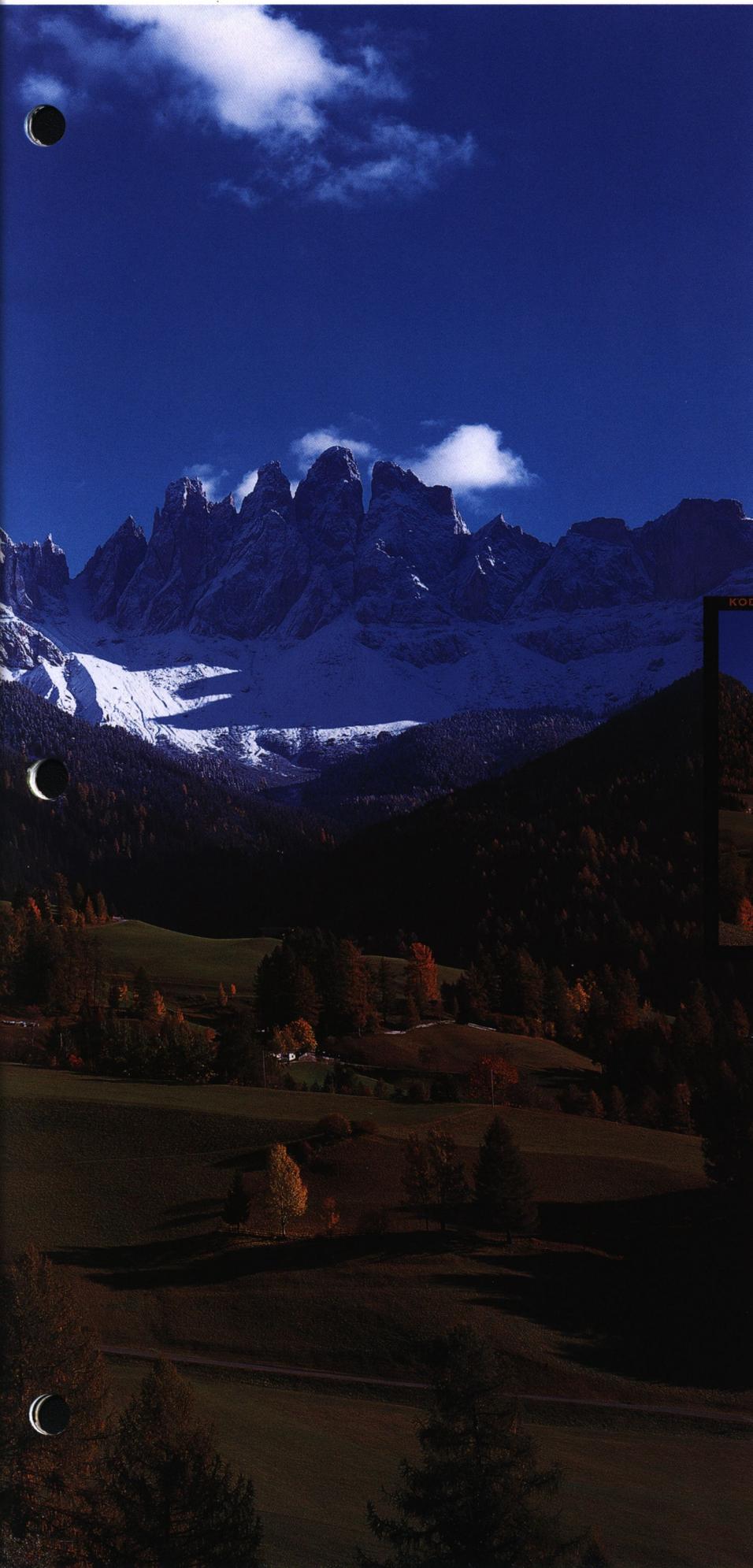
The original Mamiya 7 set a new standard for medium format photography when it first hit the market in 1995. Soon the Mamiya 7 was firmly established as the interchangeable lens 6×7 format rangefinder camera with outstanding image fidelity. Its compact design made it the smallest, lightest camera in its class, bringing easy portability and 35mm handling convenience to the 6×7 format. A separately available adapter also made professional-level 35mm panorama photography a reality, and opened up a new world of photographic potential.



The new Mamiya 7 II packs all the features and functions of the original Mamiya 7 into a new design that enhances both operation and portability. Features include an easier-on-the-eyes bright frame viewfinder, multiple-exposure capability, and much, much more. The Mamiya 7 II comes in a choice of body colors: champagne gold or black. A selection of six lenses are available, including a new medium-telephoto 210mm f/8, in addition to the existing popular lineup of 43mm, 50mm and 65mm wide-angle lenses. Experience the true joy of photography with the new Mamiya 7 II.

# Mamiya 7 II



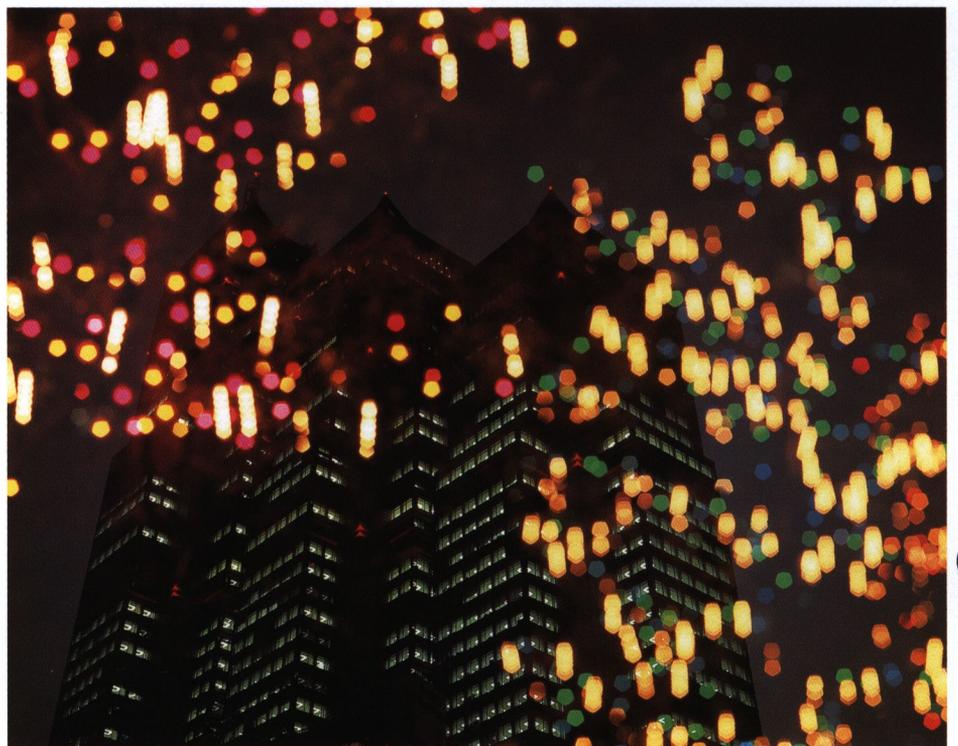


**The quality and resolution that only the 6×7 format can provide.**

With an actual image area of 56×69.5mm, the 6×7 format captures stunning nuances of light and shade, color, shape, space, and scale. Its Mamiya world-class lenses are designed and engineered for outstanding resolution, contrast, and color balance, virtually guaranteeing photographs of breathtaking quality. With an image area that



is 4.5 times larger than 35mm film, the 6×7 film size provides the photographer with a format that can be viewed without magnifier and that is easier to retouch and can be blown up to mural size ; a format that enlarges to standard photographic and industrial paper sizes without cropping and without wasting film.



150mm f/4.5



80mm f/4

## 35mm panorama, multiple exposure, and other powerful tools for the creative photo artist.

An optionally available adapter converts the actual image area of the Mamiya 7 II to a 35mm film size  $24 \times 65\text{mm}$  for full-size panoramas. This panorama feature, which provides an aspect ratio of 1:2.7, used to meet the panorama photography needs of professionals the world over.

The multiple exposure lever of the Mamiya 7 II allows exposure of multiple images on a single frame of film.

An 80mm lens close-up kit enables magnifications to one-third life size, for reproduction of images as close as 27.5cm (11") from the lens surface. All this helps the Mamiya 7 II put total artistic versatility into the hands of the serious modern photographer.

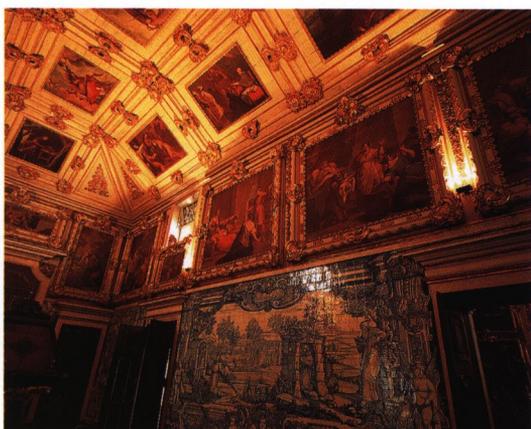


## Interchangeable lenses

A wide selection of lenses lets you choose the one best suited to the theme and subject, and create exactly the photographic effect desired. The versatile lineup of six Mamiya 7 II lenses includes a 43mm 92° ultra-wide, 50mm 84° wide-angle, 65mm 69° wide-angle, 80mm 58° standard, 150mm 34° and 210mm 24° medium-telephoto – all designed for photo characteristics and quality that set them apart from the rest.



50mm f/4.5

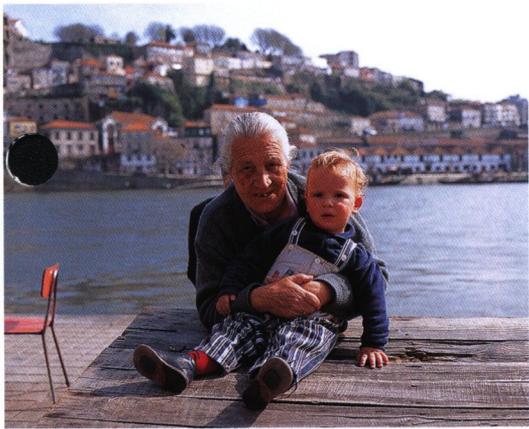


43mm f/4.5



43mm





150mm f/4.5



65mm f/4



80mm f/4



210mm f/8



# A simple, highly precise mechanism

## Split-image rangefinder for high-precision focus

The split-image rangefinder of the Mamiya 7 II uses a pentaprism for unmatched accuracy. A wide 60mm base distance between rangefinder points enables decisive, precision focusing.

\*The 210mm lens is not linked to the rangefinder mechanism.

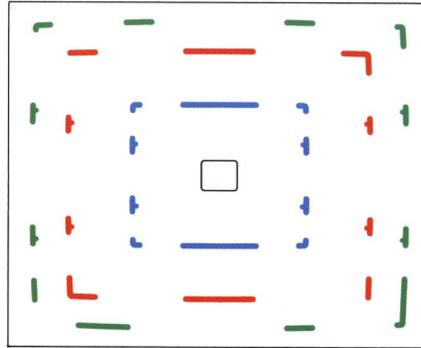
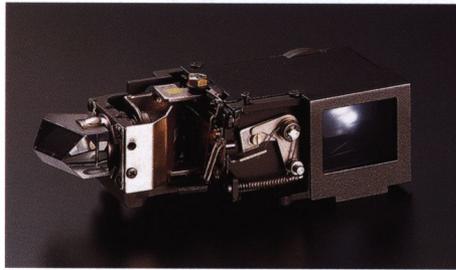
## Automatic frame indexing

### Parallax correction

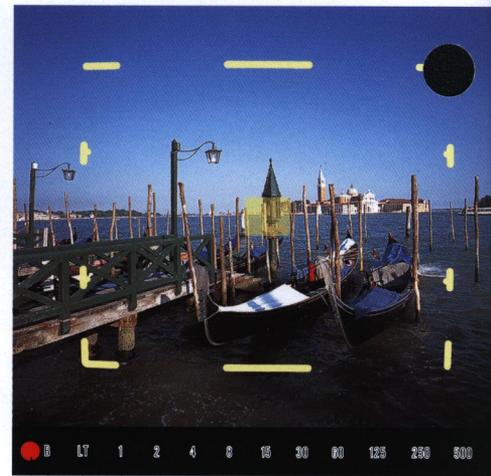
The bright frame viewfinder adjusts automatically to the correct field of view for 65mm, 80mm, and 150mm lenses. The tint provides clear contrast for easy rangefinder imaging. The 43mm 92° ultra-wide lens, 50mm 84° lens and 210mm 24° lens come with auxiliary viewfinders. An optional viewfinder is available for the 210mm lens.

## A clear array of valuable indicator information inside a bright, easy-to-read rangefinder.

The rangefinder is designed to provide a clear image, even under dim lighting and when photographing low-contrast subjects. LEDs at the bottom of the viewfinder provide information on shutter speed during aperture-priority AE shutter operation, as well as warnings about under exposure, and over exposure, low battery power, and operation errors.



For illustrative purposes only, this diagram shows the frame lines of the various lenses in color: 65mm-green. 80mm-orange. 150mm-blue. The viewfinder shows only one automatically indexed frame line at a time, in white.

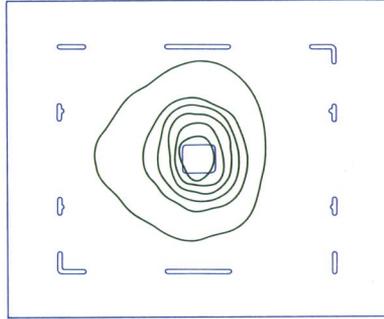
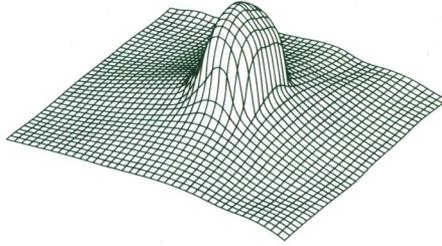


Viewfinder Display for 80mm Lens. Bright field of view frame with panoramic markings. Bright RF area in center. Bottom shows red warning light on left, shutter speeds in center and over-exposure signal on right.



## Aperture-priority AE with high-precision light metering

Camera uses a precision silicon photodiode (SPD) aperture-priority exposure system for highly accurate center-weighted metering. The diagram shows the metering pattern for an 80mm f/4 lens. Changing to a wider-angle lens automatically shifts the system to spot metering, while a telephoto lens initiates an averaging system that also takes surrounding light into consideration. In the AE Mode, priority goes to the most accurate exposure for the lens in uses. The result is highly accurate AE Mode settings under virtually any type of conditions imaginable, from standard lighting to conditions where there is a wide range of illumination. Of course, AE lock is also provided to give the photographer the versatility needed when faced with backlit subjects and other conditions where there is strong contrast between subject and background lighting.



## 4EV exposure compensation provides the versatility to add your own original touch.

Exposure compensation lets you adjust for special photographic effects, backlighting, weather, snow, and other factors that make proper exposure difficult. Exposure can be adjusted in 1/3EV click-stop settings within a range +2EV to -2EV, to provide exactly the feeling desired. A switching lever with built-in lock lets you change settings with one finger.

## Manual exposure backup

When using manual exposure, LEDs in the viewfinder show current shutter speed, along with a flashing indication of the optimum shutter speed calculated by the camera. You then have the option of adjusting shutter speed or exposure settings accordingly.



## High-precision lens shutter, providing flash synchronization at all speeds

Mamiya's original electronic lens shutter ensures accurate speed control with minimal lag time. Electronic flash is synchronized with the shutter at all speeds for simple daylight fill-flash even at a shutter speed of 1/500.

## Quiet electromagnetic shutter release

A soft-touch electromagnetic shutter release virtually eliminates operation noise. Portrait subjects are not distracted by camera operation, which contributes to more normal expressions.

## A 6×7 format camera to go anywhere your camera work takes you.

### Compact design weighs only 1,210g with the 80mm standard lens.

The Mamiya 7 II is the perfect 6×7 format camera for the professional on the go, eliminating the heavy mirror box of SLR cameras, so it can go along anywhere, any time you need it.

### Designed and engineered for easy portability.

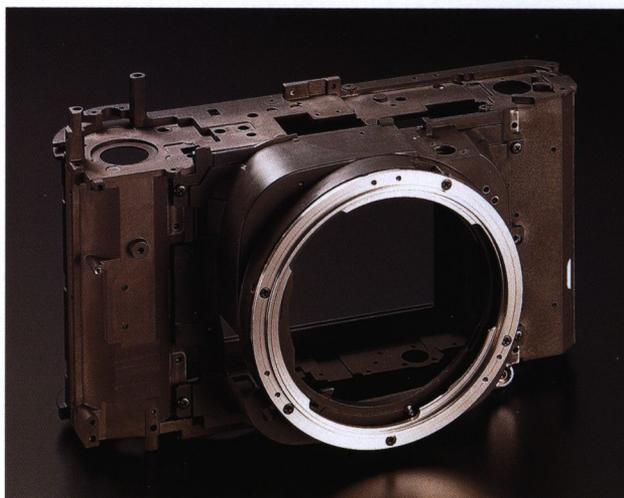
Dials, levers, buttons and other controls are located to optimize shutter release operation with the right hand and lens operation with the left. The lens release button, electronic self-timer and synchro socket are deliberately located to prevent accidental activation, which contributes to safe operation and overall portability. The palm grip is designed to fit comfortably in the hand during both shooting and transport. The surfaces of all parts of the camera that are subject to frequent handling are covered with non-slip rubber.

### Horizontal/Vertical two-way strap hooks

The strap can be connected to keep the camera in a horizontal orientation where it is always ready to shoot, or a vertical orientation for easy carrying.

### Mamiya logo embossed in the left-hand grip

The distinctive Mamiya 7 II logo is embossed in the left-hand grip, giving added protection against slips and a distinctive look.



### Silumin-aluminum alloy precision die-cast body ensures reliability.

The basic material used in the camera body is lightweight, high-strength silumin-aluminum alloy. Micron-tolerance high-precision metal molding creates a body that can deliver outstanding reliability under the toughest conditions imaginable.



### Single-action film advance

A single lever action winds the 75mm of film required by each 6×7 frame. Quick and easy winding helps when taking consecutive shots.



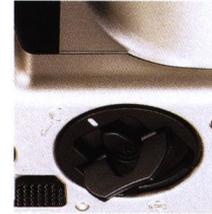
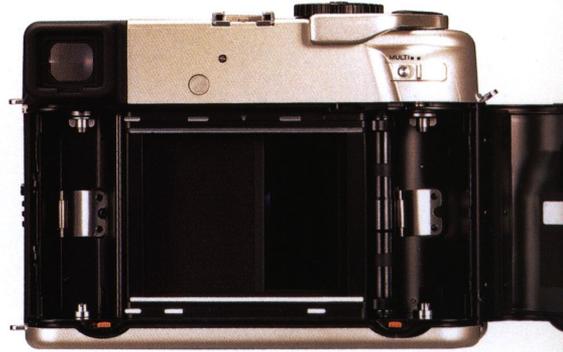


### Dark slide for changing lenses

A built-in dark slide curtain be interposed between the lens and film when changing lenses to keep light from accidentally exposing film in the camera when the lens is removed. A safety interlock prevents removal of lenses unless dark slide curtain is employed. The curtain can be opened and closed using controls on the bottom of the camera.

### Safety mechanism for trouble-free operation

Any of the following conditions activates the camera's safety mechanism, locking the shutter. A LED in the viewfinder alerts you to the problem and indicates what you need to do to correct the situation.



### One-touch dark slide activation

An easy-grip knob allows easy activation, even while wearing gloves. Once a lens is attached, the dark slide can be removed simply by sliding the release.



### Multiple-exposure lever

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

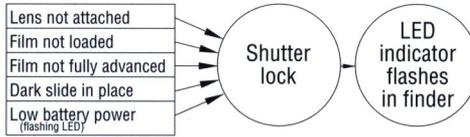
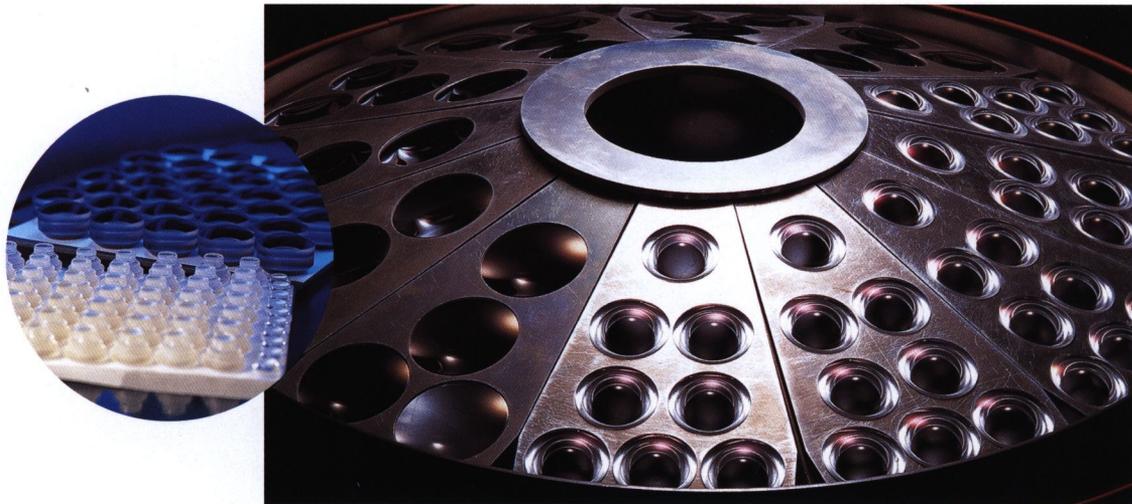


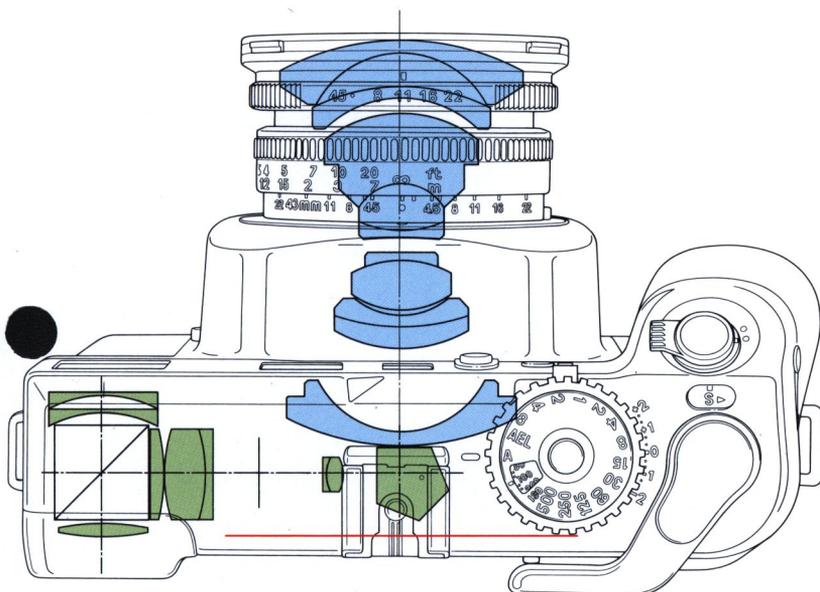


Photo by LARS THULIN

80mm f/4



## The ultimate in quality and pure photographic excellence



[optical configuration]

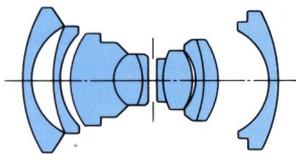
Blue; Ultra-Wide-Angle lens 43mm f/4.5 Green; Rangefinder System Red; Film Position

A significant advantage of rangefinder camera design for the optical engineer is the elimination of the mirror box and the resulting shorter flange focal distance which permits placing the rear lens element close to the film plane. Various other restraints on lens design are also removed, providing far more versatility in coming up with a lens composition that approaches ideal optical theory. For just one example, lens groups can be positioned in near perfect opposition, doing away with almost all problems of spherical or chromatic aberration. The six interchangeable lenses provided for the Mamiya 7 not only enjoy the benefits of superior design, they also yield the highest quality of pictorial impact thanks to cutting-edge optical technologies, manufacturing technologies of unmatched precision and the world's most rigorous, exacting quality tests. The ultra-wide 43mm lens is the first of its kind for medium-format rangefinder photography. It offers superb contrast and is unrivaled in its near total freedom from optical distortion. Mamiya optical systems enjoy an enviable reputation among professional and serious amateur photographers the world over. Their secret is comprehensive design and production of the entire optical system, from the camera-lens mount to the individual elements, from glass selection to polishing, from multi-coating to final assembly. At every stage of production, Mamiya follows a single principle: The lens is the life force of the image.

Lens	43mm f/4.5	50mm f/4.5	65mm f/4	80mm f/4	150mm f/4.5	210mm f/8
Lens Design	6 groups/10elements	6/10	5/9	4/6	5/6	5/7
Angle of view	92°	84°	69°	58°	34°	24°
Minimum aperture	22	22	22	22	32	32
35mm equivalent	21mm	24mm	32mm	39mm	71mm	100mm
Minimum focusing distance	1m(3.25ft.)	1m(3.25ft.)	1m(3.25ft.)	1m(3.25ft.)	1,8m(5.9ft.)	7m(22.89ft.)
Magnification ratio at minimum distance	0.049X	0.063X	0.078X	0.097X	0.096X	0.032X
Area covered at minimum distance	1145×1421mm (45×55.9")	895×1111mm (35.2×43.7")	719×892mm (28.3×35.1")	580×719mm (22.8×28.4")	581×721mm (22.9×28.4")	170×2172mm (68.6×84.7")
Filter diameter	67mm	67mm	58mm	58mm	67mm	58mm
Lens hood (supplied with lens)	bayonet	bayonet	bayonet	bayonet	bayonet	bayonet
Dimensions (length×diameter)	42×72mm[81mm] (1.65×2.83", 3.46")	55×70mm[88mm] (3.16×2.83", 3.46")	65×67mm[86mm] (2.56×2.64", 3.38")	56×67mm[66mm] (2.20×2.64", 2.60")	96×70mm[106mm] (3.78×2.75", 4.17")	125×70mm[135mm] (4.88×2.73", 5.27")
Weight	390g(13.8oz.)	456g(16.2 oz.)	380g(13.4oz.)	290g(10.2oz.)	520g(18.3oz.)	480g(16.9oz.)



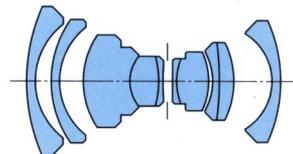
**43mm f/4.5 Ultra-Wide**



1. Weight of 390g (13.8oz.) and filter diameter of 67mm. 2. A 92° ultra-wide angle of view and the perspective of a 35mm format 21mm lens. 3. A true ultra-wide-angle design produces a maximum of 0.04% distortion at the corners. 4. Chromatic aberration is reduced to unnoticeable levels. 5. Though maximum fidelity is achieved at f/8 and f/11 apertures, the entire range of aperture settings provides high contrast and outstanding reproduction. 6. Even at close-focusing distances, this lens outperforms the retrofocus type SLR system for natural image with minimal distortion and critical sharpness. 7. It's the one lens you need to give full rein to your creativity both indoors and out. 8. Lens comes with external Viewfinder for framing and composition of the ultra-wide image. The built-in Spirit Level and Diopter correction make composition a snap.



**50mm f/4.5 Wide Angle**

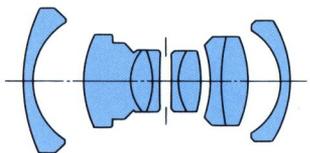


1. Weight of 456g (16.2oz.) and filter diameter of 67mm. 2. An 84° angle of view is equivalent to the easy-to-use 24mm lens of the 35mm format. 3. The same type lens design as the 43mm lens provides high performance in a compact configuration. 4. Chromatic aberration is eliminated; stable, high contrast and resolution are reality even at fully open apertures. 5. A front-back asymmetrical design produces natural, critically sharp images for spectacular reproduction. 6. Even at close-focusing distances, this lens outperforms the retrofocus type SLR system for images with minimal distortion and critical sharpness for natural, crisp images. 7. Lens comes with external Viewfinder for framing and composition of the extra-wide image. The built-in Spirit Level and Diopter correction make composition a snap.





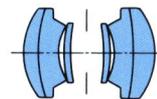
**65mm f/4 Wide Angle**



**1.** Weight of 380g (13.4oz.) and Filter diameter of 58mm. **2.** Very compact, with outstanding portability, it's a general purpose wide-angle lens with a 69° angle of view and equivalent to the 32mm lens of the 35mm format. **3.** The wide-angle design has a maximum of 0.08% distortion at corners. **4.** Though maximum fidelity is achieved at f/8 and f/11 apertures, the entire range of apertures provide high contrast and outstanding reproduction. **5.** There is no distortion even at close-focusing distances, and the lens is effective for critical sharpness and natural, crisp images. **6.** This lens is suitable for indoor and outdoor work, and even for photographing subjects in darker situations.



**80mm f/4 Standard**

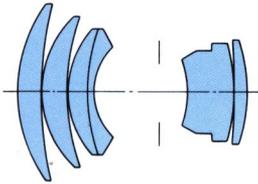


**1.** Compact design weighs only 290g (10.2oz) and filter diameter of 58mm. **2.** Shatters the standard conventions for 6 × 7 format camera optics. **3.** Provides consistent contrast and sharpness over entire aperture range. **4.** Maintains crisp tonality while rendering high-resolution detail. **5.** Virtually all aberration is eliminated, making this an outstanding lens for virtually any photographic job imaginable.





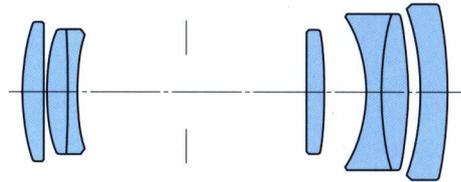
**150mm f/4.5 Telephoto**



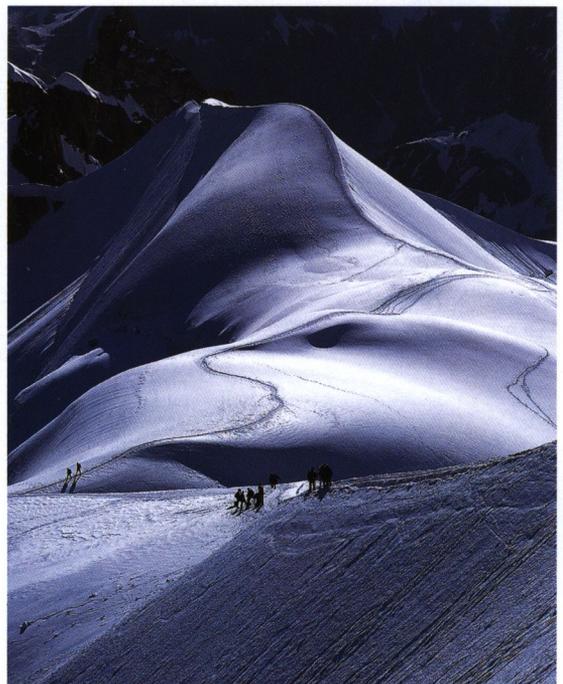
1. Weight of 520g (18.3oz.) and filter diameter of 67mm. 2. Ultra-low dispersion glass is used to eliminate aberrations usually associated with telephoto lenses. 3. High contrast and critically sharp images are assured for virtually any type of subject. 4. An optional viewfinder FV704 (can be used with the 210mm lens) provides an image area larger than that produced by the viewfinder bright lines. Parallax can be corrected by setting the focusing distance gauge. FV704 includes built-in viewing angle adjustment.

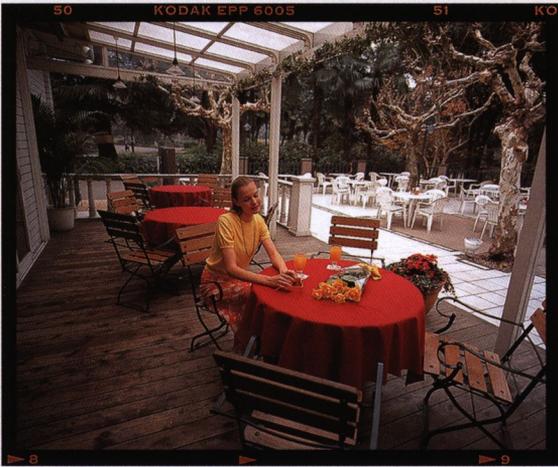


**210mm f/8 Telephoto (with viewfinder FV704 which can be used with the 150mm lens)**

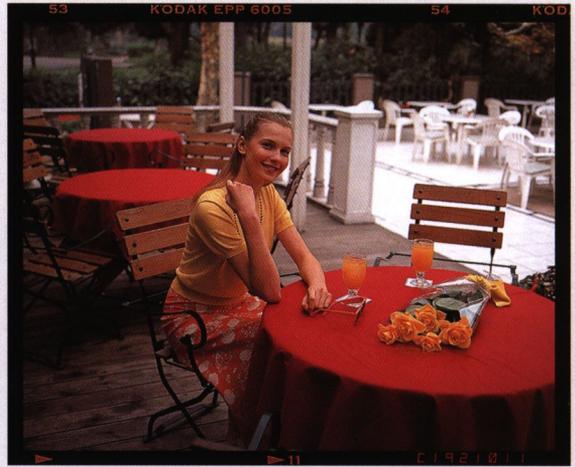


1. Weight of 480g (16.9oz.) and filter diameter of 58mm. 2. Lens elements of low-dispersion glass assure maximum correction of chromatic aberration for exceptional image fidelity. 3. This telephoto lens is a compact companion to the 150mm, designed for aerial or landscape photography and other applications. 4. The extended reach, coupled with its compact, lightweight design, provides particular versatility and superior performance.

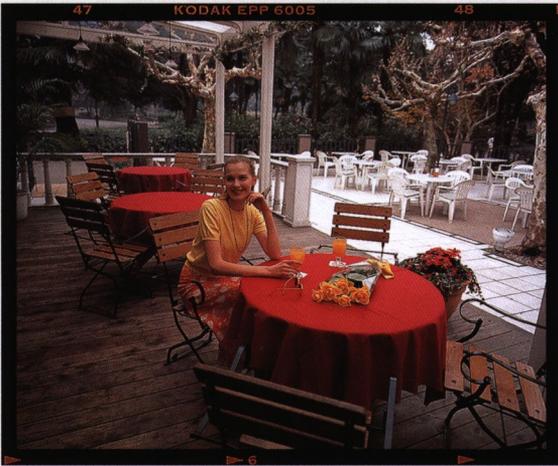




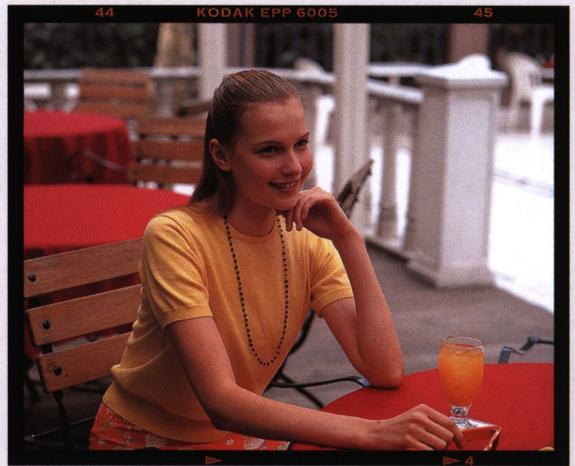
43mm f/4.5



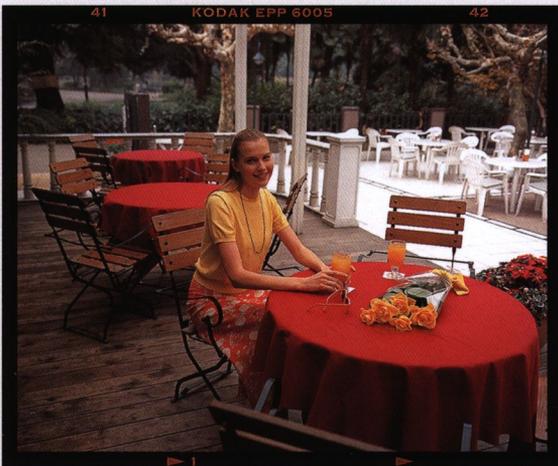
80mm f/4



50mm f/4.5

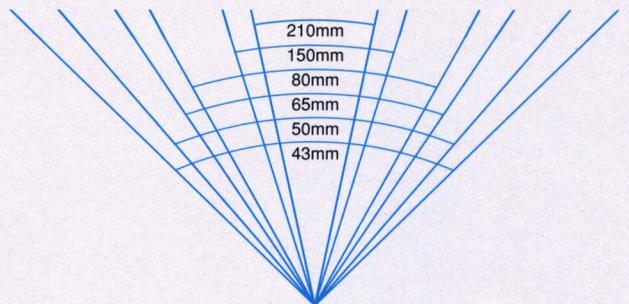


150mm f/4.5



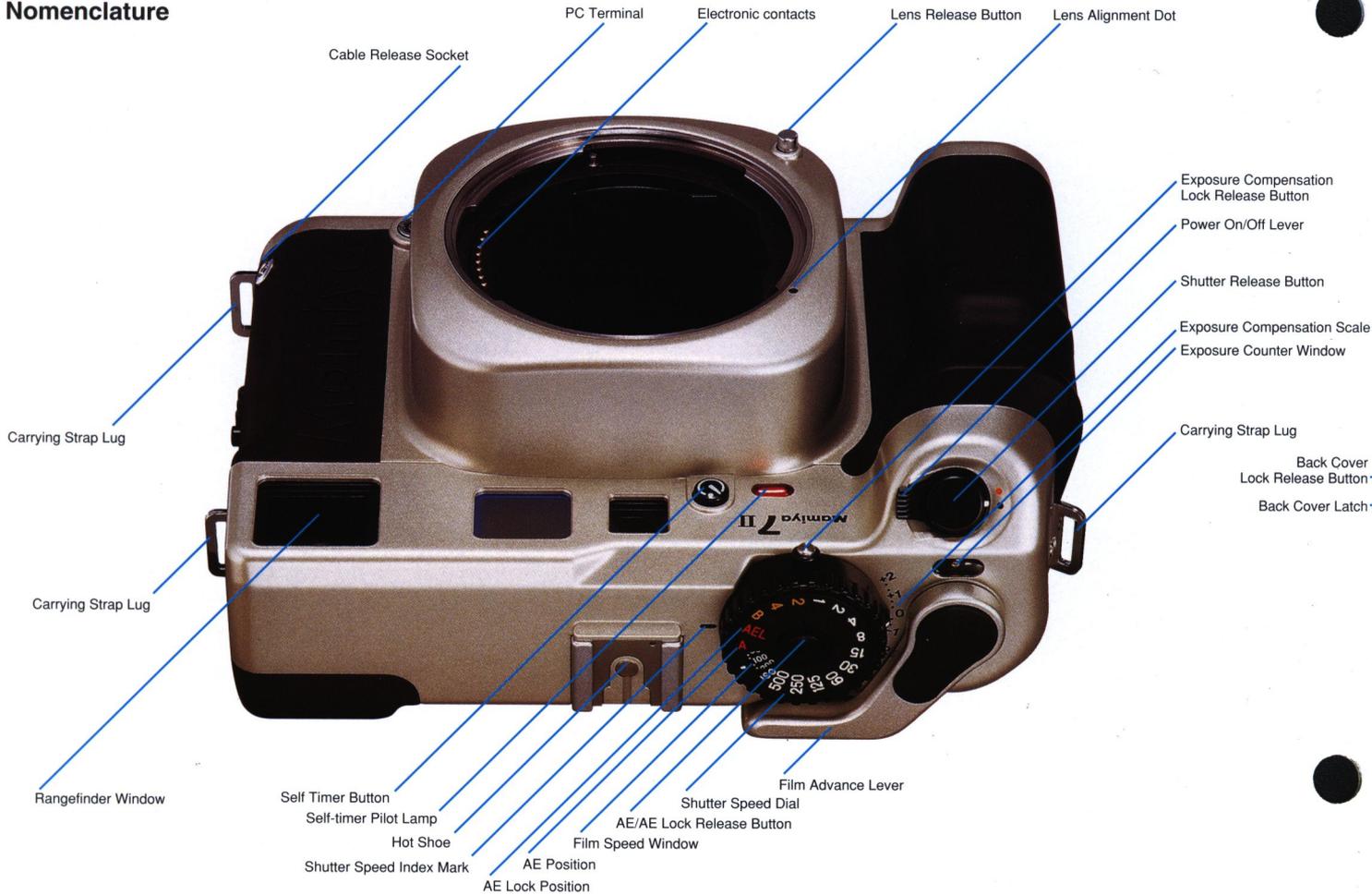
65mm f/4

**Angle of view comparison**



# Photographic excellence in the palm of your hand.

## Nomenclature



### Exposure compensation switch lever with built-in lock

The lever can be moved to the desired setting while holding down the button in its center. Releasing the button locks the lever in its current position.

### Multiple-exposure lever

Hold down the lock button and set the multiple-exposure lever to the mark either before or after shooting an image. Now when you operate the film advance lever, the camera is prepared for another exposure without advancing the film. To cancel multiple-exposure, hold down the release button and return the multiple-exposure lever to its original position.

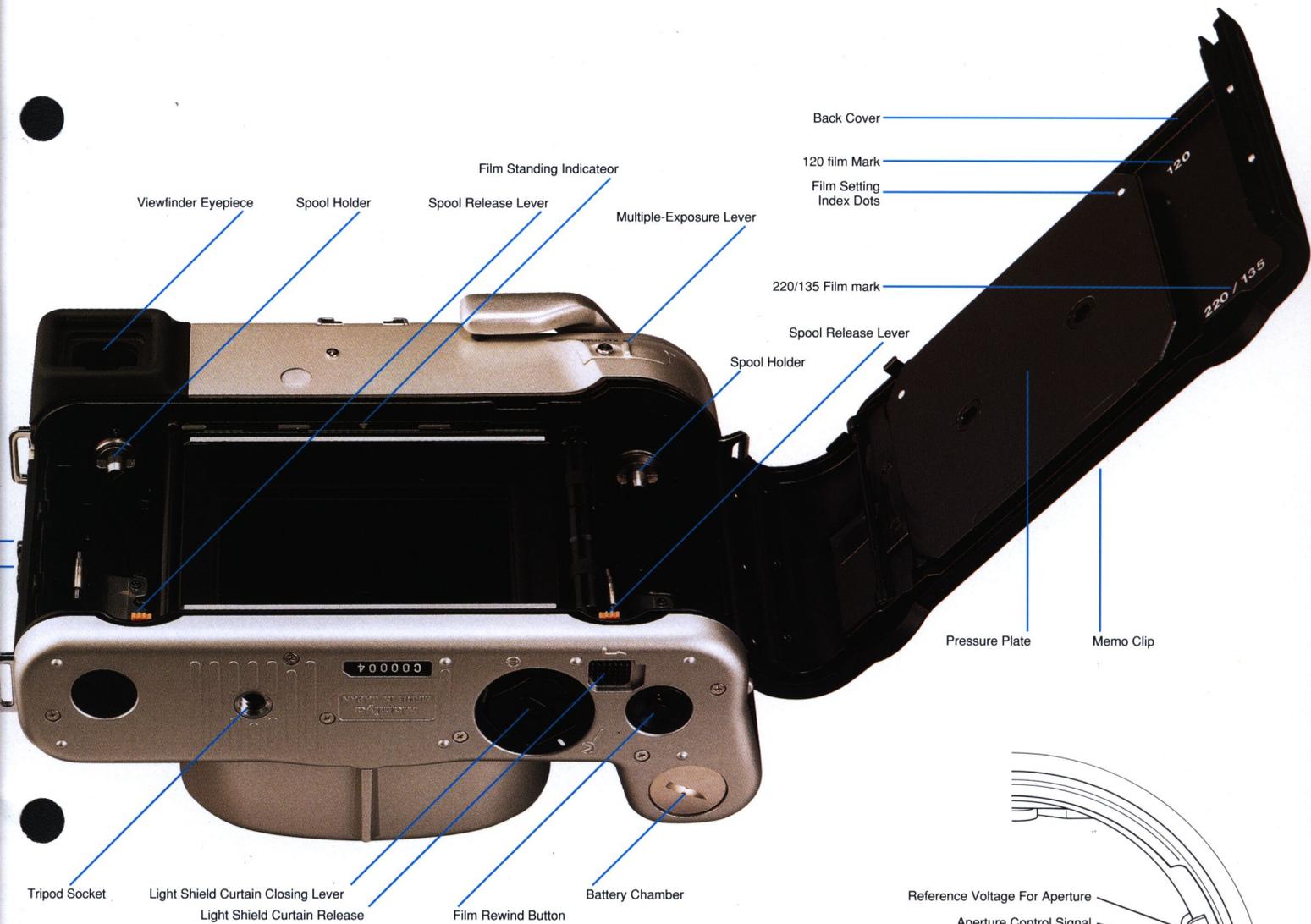
### AE, AE-L position dial lock

The dial locks automatically whenever it is set to the AE or AE-L positions, to guard against accidental movement. Hold down the release button to rotate the dial and change to the Manual Mode.

## Specifications

Type:	6×7 format rangefinder with interchangeable lenses
Image Size:	6×7cm, medium format (dimensions of actual image = 56×69.5mm) 35mm panorama (dimensions of actual image = 24×65mm)
Films:	120(10 exposures) 220(20 exposures) 135(16 with 36-exposure film, 10 with 24-exposure film) (when using 135 Panorama Kit)
Lenses:	Ultra-Wide-Angle 43mm f/4.5 with Special Viewfinder, featuring Spirit Level and Diopter Adjustment Wide-Angle 50mm f/4.5 with Special Viewfinder, featuring Spirit Level and Diopter Adjustment Wide-Angle 65mm f/4 Standard 80mm f/4 Telephoto 150mm f/4.5 Medium Telephoto 210mm f/8 with Special Viewfinder, featuring Parallax correction and Diopter Adjustment

Focus:	Helicoid-type
Rangefinder:	Split-image, 60mm baseline
Film Advance:	Single-action lever, 185° stroke
Shutter:	#00 Lens shutter (electronic control) B, 4sec.~1/500sec., electromagnetic release, X synchronization at all speeds hot shoe and synch-socket, 10sec, electronic self-timer(automatic reset)
Exposure Control:	Aperture-priority AE SPD sensor incorporated in finder Metering range EV3(f/4,2sec.)~EV18 (f/22, 1/500sec.)with 80mm f/4 at ISO 100 Film settings ISO 25~1600 Exposure correction ±2EV(1/3EV steps)

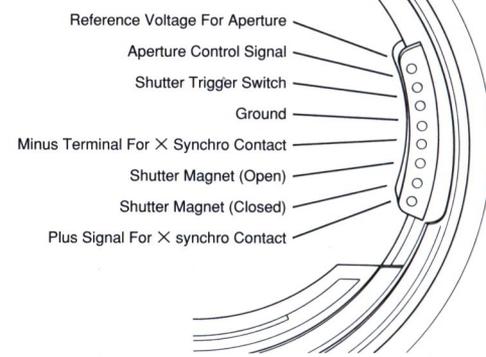


Viewfinder Eyepiece  
 Spool Holder  
 Spool Release Lever  
 Film Standing Indicator  
 Multiple-Exposure Lever

Back Cover  
 120 film Mark  
 Film Setting Index Dots  
 220/135 Film mark

Spool Release Lever  
 Spool Holder  
 Pressure Plate  
 Memo Clip

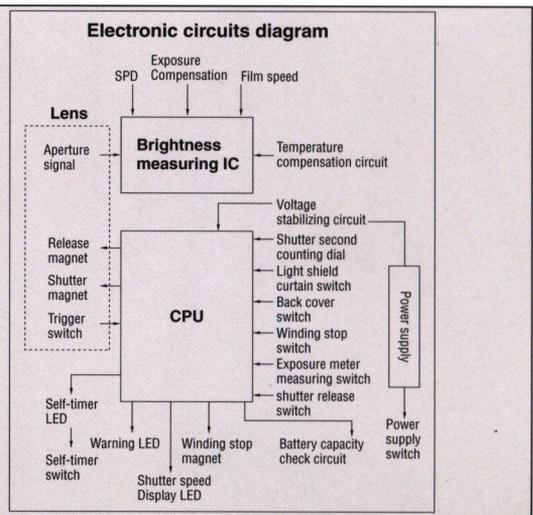
Tripod Socket  
 Light Shield Curtain Closing Lever  
 Light Shield Curtain Release  
 Film Rewind Button  
 Battery Chamber



**Electronic self-timer**

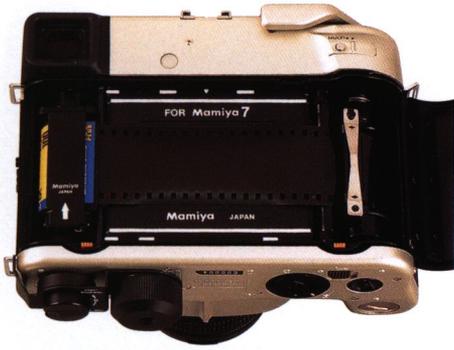
Pressing the shutter release button while holding down the self-timer button provides delay of 10 seconds before the shutter is released. A red LED on the front of the camera remains lit for the first eight seconds and flashes for the final two seconds of the timer operation. You can interrupt a self-timer operation at any time before the shutter is released. Self-timer operation is cancelled automatically after each shot; to help ensure it is not left on accidentally.

<b>View Finder:</b>	Coupled rangefinder for all lenses with auto indexed bright-line frames (65mm, 80mm, 150mm), Auto parallax compensation, magnification 0.57x, 83% image coverage* at infinity, LED readout shutter speed indicator. Separate ultra-wide optical finder supplied with 43mm lens. Built-in Dark Slide Curtain enables instant lens changes.
<b>Safety Interlocks:</b>	1. Double Exposure Prevention. 2. Shutter Release is blocked when built-in dark slide curtain is closed.
<b>Battery:</b>	One 6V (4SR44, 4LR44 or 2CR1/3 Lithium) Battery
<b>Dimensions:</b>	Body - 160×112×66mm (6.3×4.4×2.6") w/80mm - 160×112×120mm (6.3×4.4×4.7")
<b>Weight:</b>	Body - 920g (32.4oz.) w/80mm - 1.210g (42.7oz.)
<b>Body Color:</b>	Champagne Gold, Black



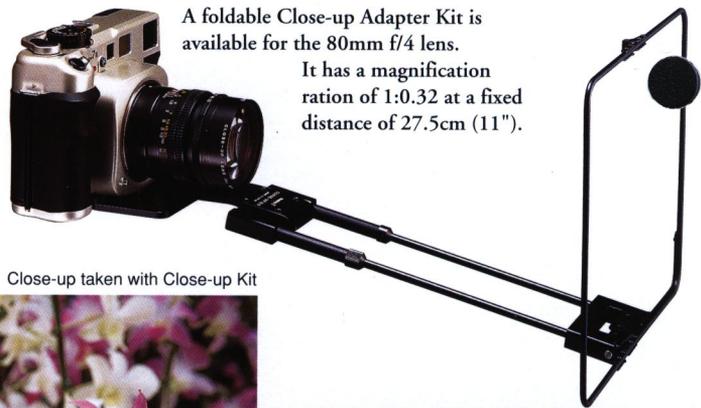
\* This information is based on a linear (horizontal/vertical) measurement.

# Accessories



## Close-up Adapter Kit NK701

A foldable Close-up Adapter Kit is available for the 80mm f/4 lens. It has a magnification ratio of 1:0.32 at a fixed distance of 27.5cm (11").



Close-up taken with Close-up Kit



Close-up taken with 80mm special lens only



## 35mm Panorama Adapter Kit

This adapter kit includes a panorama film mask, cassette holder, film take-up spool, and rewind crank set. The kit is designed for easy installation and removal. Film loading, shooting, and rewinding procedures are all similar to the operation of a 35mm SLR camera. The film pressure plate on the back cover of the body can be rotated to a 35mm film position that keeps the film flat.

## Mamiya Magnesium Pan Head AW701

The perfect choice for the Mamiya Carbon Tripod or Carbon Monopod.

Made of lightweight yet highly rigid magnesium alloy. The 2-handle, 3-way pan head features a large grip. The Ball head has a separate screw for mounting the camera to ensure secure locking. Both items are designed for minimum weight and maximum performance.



## Mamiya Quick Shoe AQ702

A one-touch auto lock provides quick attachment, with a double-lock release lever to prevent accidental release. Lens, film, and batteries can be replaced without detaching the camera from the shoe.

## Mamiya Carbon Tripod AY701/AY702

### Mamiya Carbon Monopod AX701

Multi-layer carbon construction provides outstanding strength and lightness. Innovative Quick-set, non-slip stoppers keep legs securely in position.



with Filter



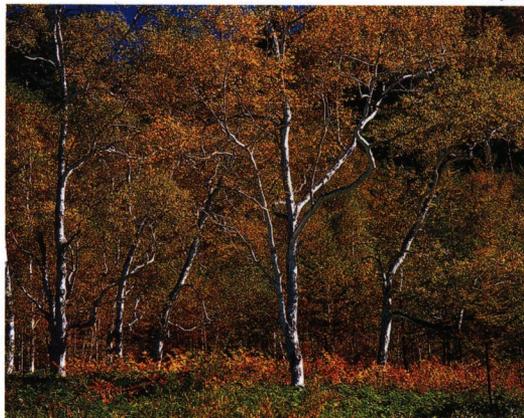
## Especially designed for simplicity

### Mamiya PL Filter ZE702

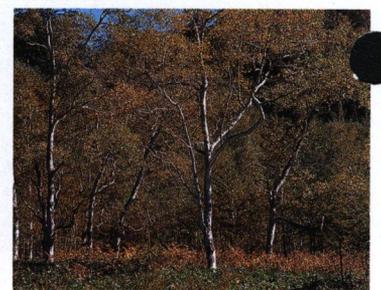
The PL Filter ZE702, especially designed for adjustment and verification of light polarization effects, makes AEL (Automatic exposure) or Manual modes much easier and free of exposure compensation.

The filter shifts vertically from the shooting position in front of the lens without changing its polarization rotation to cover the small square window which contains the metering cell above the lens mount.

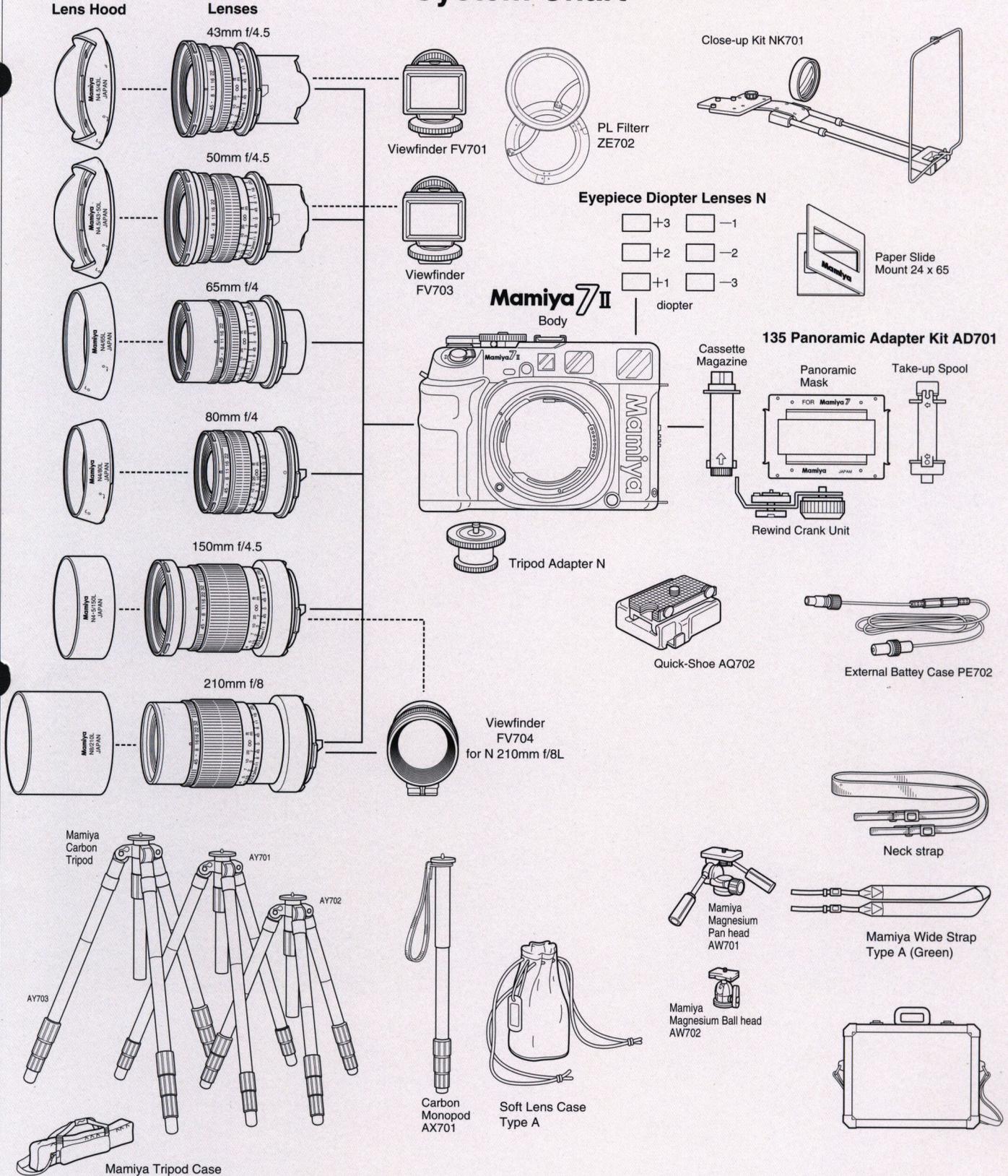
The polarization effect is observed by looking directly through the filter over the top of the camera (not through the camera's rangefinder eyepiece). After determining the polarization effect and metering, the filter is returned to the down position in front of the lens. The filter fits all lenses with 67mm front diameter and is also supplied with a reducing adapter for lenses with 58mm front diameter.



without Filter



# System Chart



Specifications	Carbon Tripods			Carbon Monopod
	AY701	AY702	AY703	AX701
Length extended (25 degree leg spread)	1,445mm	1,486mm	1,944mm	1,500mm
Length folded	599mm	490mm	660mm	500mm
Sections	3 steps	4 steps	4 steps	4 steps
Segment diameter (Top leg)	27mm	27mm	31mm	27mm
Leg spread angles	25°·60°·80°*			—
Weight	1,580g	1,490g	2,120g	370g
Platform screws	1/4-inch and 3/8-inch			

\*Optional Short Center Pole is required for 80° leg spread  
Specifications and features subject to change without notice.

Specifications	Magnesium Pan Head AW701	Magnesium Ball Head AW702
Type	2 handle 3 way	Ball and socket head
Camera plate	86 × 55mm	63 × 35mm
Base plate	51mm	44mm
Diameter of ball	—	φ30mm
Height	110mm	81mm
Weight	620g	160g

**Mamiya Aluminum Trunk**

Model No.	Outside: W × D × H mm	Weight kg
	Inside: W × D × H mm	
KM705	460 × 344 × 160	3.7
	440 × 325 × 100	
KM706	502 × 371 × 183	4.9
	470 × 350 × 115	
KM707	615 × 371 × 183	5.7
	580 × 350 × 115	

# Mamiya<sup>®</sup>7 II



Photo by LARS THULIN

150mm f/4.5



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Specification and features are subject to change without notice.

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