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N210mm f/8L

English Instructions

Mamiya

Recycled Paper 100%

Mamiya-OP Co., Ltd.

Printed in Japan

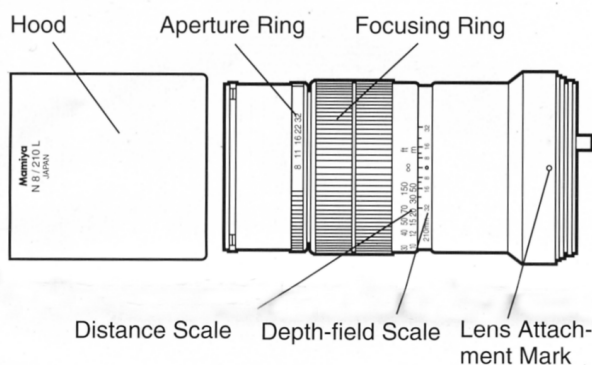
Specifications and appearance are subject to change without notice. 532250-TA-01JE

Congratulations!

Thank you for your purchase of the 210mm f/8L lens for Mamiya 7. To use the camera at its maximum performance, read the instruction manual thoroughly before use. This ensures you may use the camera correctly based on a full understanding of its functions and controls. After reading, retain the manual in a convenient location for future reference.

For optical reasons the 210mm lens cannot be coupled with the camera's range finder. Determine the distance from the camera to your subject by eye and set the lens focus ring accordingly.

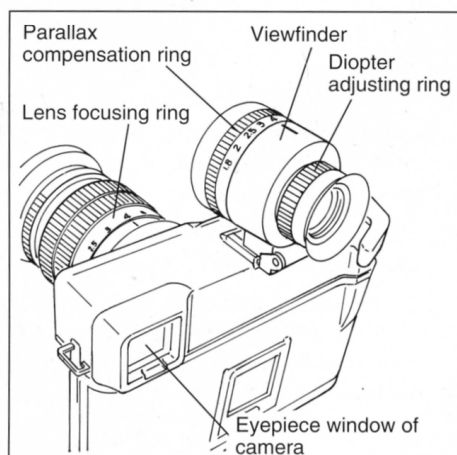
Name of Parts



★After reading, retain the manual in an easily accessible location for future reference.

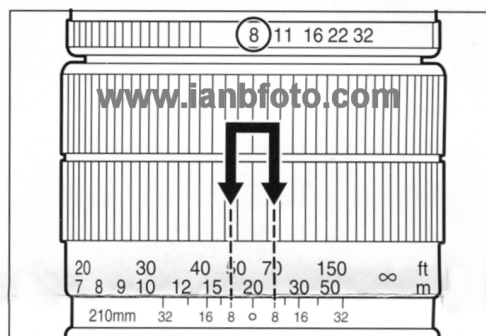
How to Use Viewfinder FV704

1. Insert the Viewfinder into the hot shoe and slide forward until it stops.
2. While looking through the Viewfinder, turn the diopter adjusting ring (see diagram to left) until scene details are sharpest.

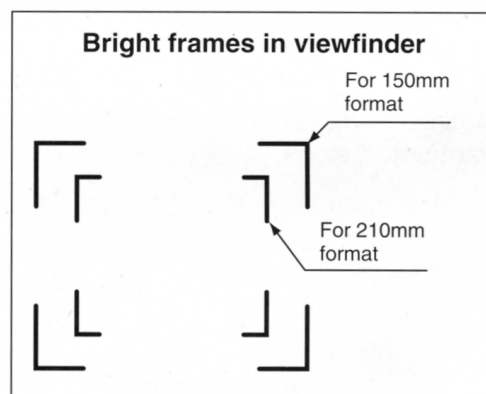


Focusing/Shooting range

1. The 210mm lens cannot be coupled with the camera's range finder. Determine the distance from the camera to your subject by eye and set the focus accordingly.
2. For correct composition, parallax is corrected when the focus distance from camera to subject is set on the finder's correction ring. The inside set of bright lines seen through the finder represents the area of the 210mm lens' angle of view.
 - a. This product is a telephoto lens for use with the Mamiya 7. Determine the distance from subject to camera by eye and set the lens focus ring accordingly.
 - b. When using this lens, always use the included viewfinder. The lens has a maximum aperture of f/8, respectively, all objects located within the depth of field range shown in the illustrations below will be sharp.



Shooting range



1. This represents the area of the 210mm lens' angle of view when the parallax correction ring is set to the focus distance set on the lens.
 2. The shooting range is the inner side of the field of bright frame visible in the viewfinder.
- ★ For optical reasons, the 210mm lens cannot be coupled with the camera's range finder. Determine the distance from the camera to your subject by eye and set the lens focus ring accordingly.

Depth-of-field

Aperture	www.ianbfoto.com Distance (m)									
	∞	50	30	20	15	12	10	9	8	7
8	∞	90.10	40.81	24.24	17.24	13.37	10.93	9.74	8.57	7.43
	111.24	34.62	23.73	17.03	13.28	10.88	9.22	8.37	7.50	6.22
11	∞	135.03	47.98	26.57	18.37	14.04	11.36	10.08	8.83	7.62
	78.69	30.72	21.84	16.04	12.68	10.48	8.93	8.13	7.31	6.47
16	∞	459.19	63.88	30.77	20.26	15.12	12.04	10.66	09.23	07.91
	55.68	26.49	19.63	14.83	11.92	9.96	8.56	7.82	7.06	6.28
22	∞	∞	120.34	39.63	27.32	16.92	13.16	11.46	9.86	8.37
	39.41	22.19	17.18	13.40	10.99	9.31	8.07	7.42	6.74	6.02
32	∞	∞	∞	66.99	31.29	20.41	15.15	12.93	10.92	9.11
	27.90	18.05	14.61	11.80	9.89	8.52	7.48	6.92	6.32	5.69

Specification

N210mm f/8L

Lens Construction	: 7elements in 5 groups
Angle of view	: 24°
Minimum of aperture	: 32
35mm equivalent	: 100mm
Minimum focusing distance	: 7m
Magnification at minimum distance	: 0.032
Area covered at minimum distance	: 1750 x 2172mm
Filter size	: 58mm
# of filters usable without vignetting	: 1
Hood Supplied with all lenses	: Bayonet type
Dimensions (length) x (diameter)	: 125 x 70mm
Weight	: 480g

VIEWFINDER FV704

Model	: Albada viewfinder, exclusive use of 150mm, 210mm lens for both models of MAMIYA 7
Size of view field	: 6 x 7 size
Rate of view field	: 80% (Range : ∞)
Finder magnification	: 0.89 magnification (Range ∞ at -0.8 diopter)
Compensation of parallax	: Manual parallax compensation type by means of range setting with parallax compensation ring
Diopter adjusting	: Rotary type eyepiece diopter compensation (adjustable range: -0.8 \pm 2 diopter)
Accessory	: Rubber eyecup
Dimensions	: 45.2mm x 53.6mm x 58.6mm (at -0.8 diopter)
Weight	: 115g

Maintenance and Inspection of Lens

- A frequently used professional product should be inspected periodically at your nearest Mamiya service center.
- Handle the lens carefully, taking care not to drop it or hit it against an object.
- The lens is not waterproof. When it is moistened, wipe with a clean, dry cloth. If it is exposed to a salt breeze, moisten a clean cloth, wring it well and wipe the lens with it.
- To prevent affecting the mechanism and film, do not leave the equipment in a place where chemical gas of naphthalene, formalin, etc. is produced. The surface finish may deteriorate if it comes in contact with any solvents.
- When the lens surface or viewfinder is stained with dirt or dust, remove it with a blower or sweep gently with a lens brush.
- When the lens surface of Viewfinder is stained with a fingerprint or greasy object, wipe it gently with a clean, soft lens cloth or tissue. If you cannot remove the stain please consult your nearest Mamiya service center.
- Always test your equipment after long periods of not being used to make sure that it functions normally. In case of a problem, have your nearest Mamiya service center inspect the equipment.
- When the equipment will not be used for a long period of time, remove the batteries to prevent damage to the camera.