



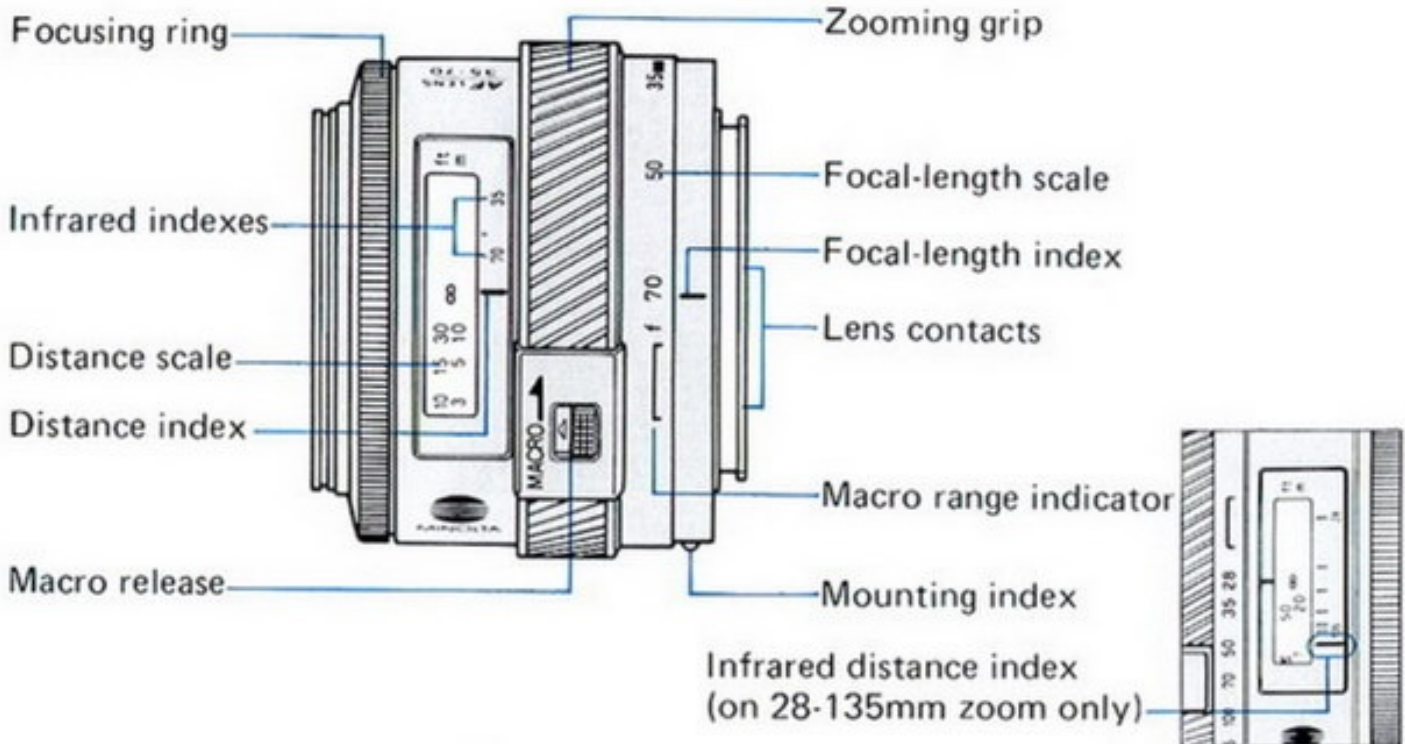
MINOLTA

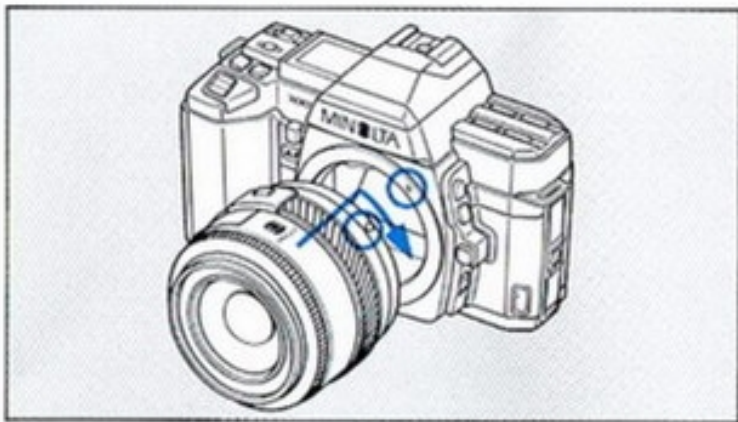
E OWNER'S MANUAL
F MODE D'EMPLOI

MAXXUM

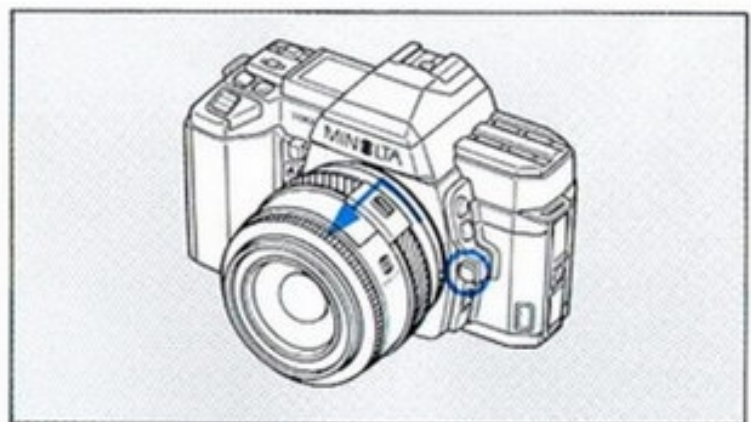
AF ZOOM 28-85MM F 3.5-4.5 AF ZOOM 28-135MM F 4-4.5
 AF ZOOM 35-70MM F 4 AF ZOOM 35-105MM F 3.5-4.5
 AF ZOOM 70-210MM F 4 AF ZOOM 75-300MM F4.5-5.6
 AF ZOOM 100-200MM F4.5

NAMES OF PARTS

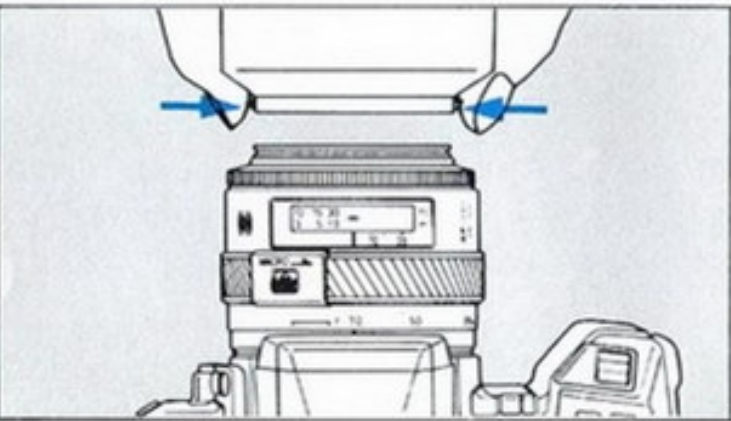




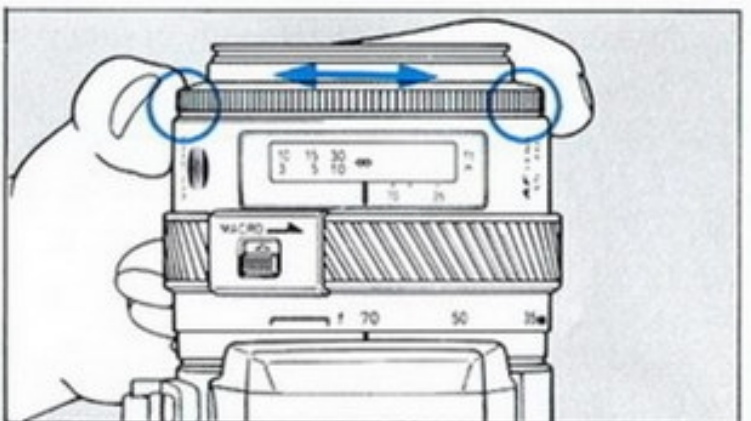
A



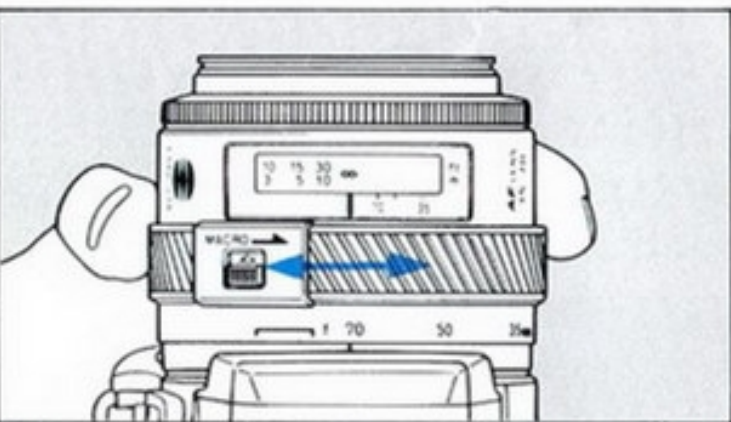
B



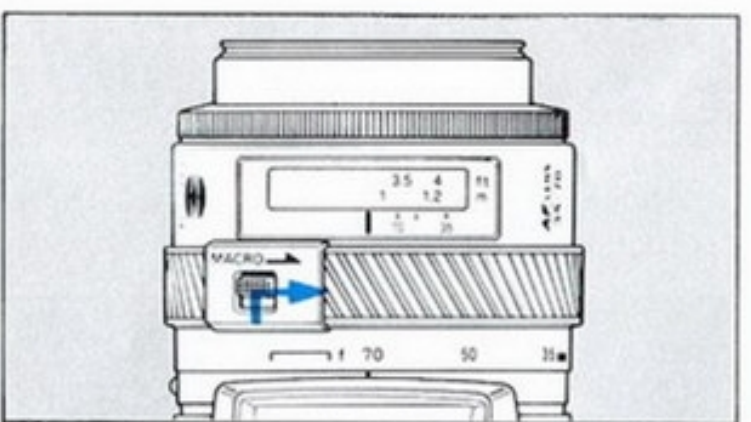
C



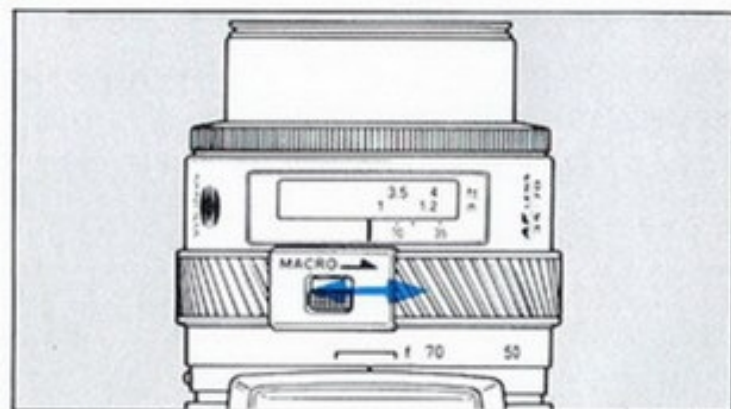
D



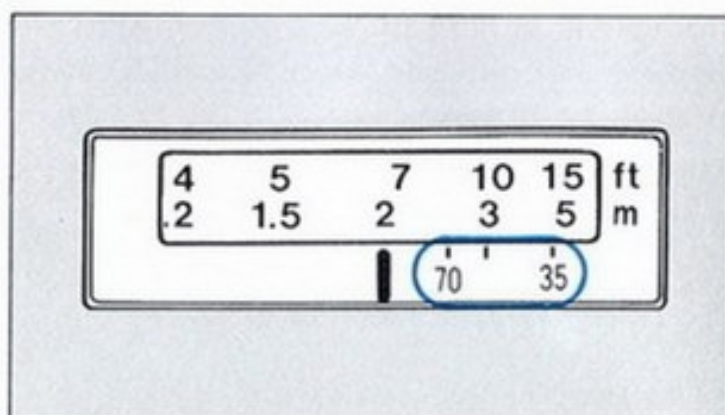
E



F



G



H

SPECIFICATIONS

LENS	ELEMENTS GROUPS		ANGLE OF VIEW	MINIMUM FOCUS (MACRO)	MAXIMUM MAGNIFICATION	MINIMUM F-STOP	FILTER MOUNT DIAMETER	DIMENSIONS	WEIGHT
AF28-85mm f/3.5-4.5	13	10	75°~29°	2.6 ft. (0.8 ft.) 0.8m (0.25m)	0.25X	f/22~27	φ55mm	φ2-11/16x3-3/8 in. (φ68.5x85.5mm)	17-15/16 oz. (490g)
AF28-135mm f/4-4.5	16	13	75°~18°	4.9 ft. (0.8 ft.) 1.5m (0.25m)	0.25X	f/22~27	φ72mm	φ2-15/16x4-5/16 in. (φ75x109mm)	26-7/16 oz. (750g)
AF35-70mm f/4	6	6	63°~34°	3.3 ft. (1 ft.) 1.0m (0.32m)	0.25X	f/22	φ49mm	φ2-11/16x2-1/16 in. (φ68x52mm)	9-1/16 oz. (255g)
AF35-105mm f/3.5-4.5	14	12	63°~23°	4.9 ft. (0.8 ft.) 1.5m (0.41m)	0.25X	f/22~27	φ55mm	φ2-11/16x2-1/16 in. (φ68.5x87mm)	17-1/2 oz. (495g)
AF70-210mm f/4	12	9	34°~12°	3.6 ft. (3.6 ft.) 1.1m (1.1m)	0.26X	f/32	φ55mm	φ2-7/8x6 in. (φ72.5x152mm)	24-1/2 oz. (695g)
AF75-300mm f/4.5-5.6	13	11	32°~ 8°10'	5.0 ft. (5.0 ft.) 1.5m (1.5m)	0.26X	f/32~38	φ55mm	φ2-3/16x6-7/16 in. (φ72.5x163.5mm)	13-7/8 oz. (865g)
AF 100-200mm F/4.5	8	7	24° ~ 12°30'	6.2 ft. 1.9m	0.12X	f/22	φ49mm	φ2-3/4 x 3-3/4 in. (φ69.5 x 94.5mm)	13-1/4 oz. (375g)



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ATTACHING AND REMOVING LENS

To attach lens, remove rear lens cap and align mounting index on lens barrel with red index on lens mount. Then insert lens into mount and turn clockwise until it locks in place with a click (A).

To remove lens, hold down lens release on camera and turn lens counterclockwise as far as it will go. Then lift it out of mount (B).

LENS HOOD

A clip-on lens hood is supplied with the lens (except 28-135mm) and can be reversed for compact storage.

To attach lens hood, first remove lens cap. Then squeeze tabs on either side of hood and place it on the lens so it seats securely in the groove (C).

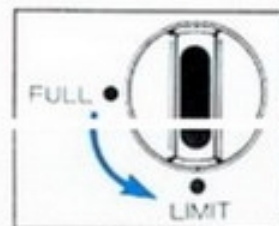
To store lens hood, press side tabs and remove it from lens. Slide hood onto lens in reversed position, press and release tabs to attach. Lens cap may then be replaced.

FOCUSING

In autofocus mode, camera focuses lens automatically. Avoid touching focusing ring, as this will obstruct its movement.

To focus lens manually, set focus mode switch to M. Turn focusing ring as indicated by the focus signals in the viewfinder and/or until subject appears sharpest (D).

- The focusing-range limiter on the 75-300mm lens should be set to FULL when you want to use the entire focusing range. When you want faster automatic focusing of subjects between 1.5m and 3m, turn the focusing ring to 1.5m and set the knob to LIMIT. For automatic focusing of subjects more than 4m meters away, turn the focusing ring to ∞ and set the knob to LIMIT. When the knob is set to LIMIT, it is not possible to focus the lens between 3 and 4 meters.



ZOOMING

To zoom, turn zooming grip to the desired focal length (E).

MACRO OPERATION

For 35-70mm, 35-105mm, 28-85mm, and 28-135mm

1. Slide and hold macro release, then turn zooming grip to macro range. Macro release will click and lock zooming grip into macro range (F).
2. To focus, turn zooming grip until subject appears sharp in viewfinder (G).

When macrofocusing with these lenses, focus signals in the viewfinder indicate which way to turn zooming grip, and the green LED glows when subject is in focus.

For maximum magnification, set camera's focus mode switch to M and turn focusing ring to minimum focusing distance.

To reset lens for normal focusing and zooming, slide and hold macro release, then turn zooming grip back into zoom range. Set focus mode switch to AF, if desired.

For 70-210mm, and 75-300mm

The blue line on the distance scale indicates the macro range. When the lens is set to its longest focal length (i.e., 210mm for 70-210m, 300mm for 75-300mm), magnification from 0.1 to 0.26X.

NOTE

The macro feature of these lenses is designed for taking pictures of subjects such as insects or flowers. When copying documents or artwork where higher magnifications or greater accuracy is desired, use of the Minolta MAXXUM AF 50mm f/2.8 Macro lens is recommended.

SETTING APERTURE

To set aperture, use camera's aperture keys.

INFRARED INDEX

For proper focus when using infrared films, focus subject as usual and attach a filter, if desired. With focus mode switch at M, turn focusing ring until distance opposite the distance index (infrared distance index on the 28-135mm lens only) aligns with the infrared index for focal length in use (H).

CARE AND STORAGE

- Do not touch lens contacts.
- Never touch lens surfaces with your fingers. Remove loose matter with a blower brush. If necessary, use photographic lens tissue, which may be moistened with one drop of lens-cleaning fluid. Never drop fluid directly on the lens surface.
- When not in use, always keep the lens capped and in its case.
- Store away from heat, humidity, and harmful chemicals or vapors.
- For all service or repairs, contact an authorized Minolta service facility.