

with WARRANTY

# NIKKOR AF-S NIKKOR 500mm f/5.6E PF ED VR

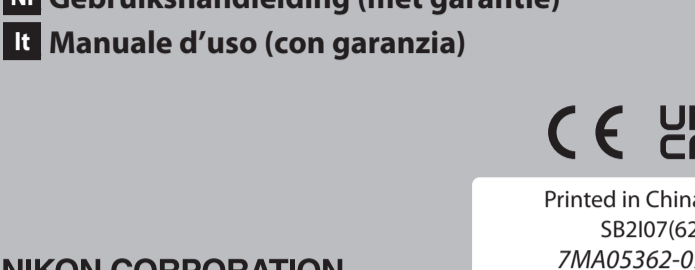
### En User's Manual (with Warranty)

### De Benutzerhandbuch (inkl. Garantiebrief)

### Fr Manuel d'utilisation (avec garantie)

### Es Manual del usuario (con garantía)

### Ni Manuale d'uso (con garanzia)



## NIKON CORPORATION

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### ! WARNING

Do not use the product in the presence of flammable gas or such as propane, gasoline or aerosols. Failure to observe this precaution could result in explosion or fire.

Do not directly view the sun or other bright light source through the lens or camera. Failure to observe this precaution could result in eye impairment.

Keep this product out of reach of children. This product contains a lithium-ion battery. Should a child swallow any part of the product, please contact your local poison control center or a physician immediately. Failure to observe this precaution could result in burns or irritation.

### ! CAUTION

Do not leave the lens pointed at the sun or other strong light source. Light directly to the sun or other strong light source can damage the product sensor.

Do not leave the lens pointed at the sun or other strong light source for an extended period such as in an outdoor setting. Failure to observe this precaution could result in eye impairment.

Do not transport cameras or lenses with tripods or similar accessories attached. Failure to observe this precaution could result in injury or product malfunctions.

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## Notes for Consumers in Europe

This symbol indicates that electrical and electronic equipment is to be collected separately. The following apply only to users in European countries. This product is designated for separate collection at an appropriate collection point. Do not dispose of household waste. Separate collection and recycling helps conserve natural resources and prevent negative consequences for human health and the environment. This product is not to be disposed of as waste. For more information, contact the retailer or the local authorities in charge of waste management.

## Using the Lens

Parts of the Lens: Names and Functions (Figure 1)

Refer to the diagram on the left edge of this sheet.

- 1 Lens hood mounting mark Use when attaching the lens hood
- 2 Focus function button Press to perform the function chosen with the focus function button
- 3 Focus ring Rotate to focus manually
- 4 Focus distance indicator View the focus distance (the approximate distance between the subject and the subject). Note that the focus distance indicator is intended only as a guide and may not be accurate in some circumstances. The subject distance may vary due to depth of field or other factors, such as noise – when the camera is focused on a distant object.
- 6 Lens rotation index Use when rotating the camera to shoot in landscape ("wide") or portrait ("narrow") orientation
- 7 Tripod collar ring rotation index
- 8 Lens mounting mark Use when mounting the lens on the camera
- 9 Rubber lens-mount gasket
- 10 CPU contacts Used to transfer data to and from the camera.
- 11 Lens rotation index (W) When rotating the camera to shoot in landscape ("wide") or portrait ("narrow") orientation
- 12 Tripod collar ring rotation index (W)
- 13 Tripod collar ring Use when attaching a tripod
- 14 Tripod collar ring fastening ring Use to fix the tripod collar ring in place
- 15 Tripod collar mounting lock Use to attach the tripod collar to the tripod collar ring
- 16 Memory set button Save the current focus position.
- 17 Focus mode button Choose the focus mode.
- 18 Focus limit switch
- 19 Vibration reduction switch
- 20 Focus function selector Choose the function performed by the focus function button: focus lock, memory recall, or AF-ON.
- 21 Break-off switch The break-off switch can be used to enable or mute the beep that sounds during memory set and recall operations.
- 22 Lens hood Use lens hoods protect the lens and block stray light that would otherwise cause flare or ghosting.
- 23 Lens hood alignment mark Use when attaching the lens hood
- 24 Lens hood lock Use when removing the lens hood
- 25 Tripod collar Use when attaching a tripod to the camera on which the lens is mounted.
- 26 Tripod collar lock use when removing the tripod collar from the tripod collar mounting face.
- 27 Tripod collar lock screw Use to attach the tripod collar to the tripod collar mounting face
- 28 Front Lens Cap
- 29 Rear Lens Cap

## Depth of Field

Depth of field can be previewed using the camera's depth of field preview feature.

## Precautions for Use

Always support the lens when holding the camera. Failure to observe this precaution could damage the lens mount.

Do not put up or hold the lens or camera using only the lens hood. Keep the CPU contacts clean. Do not touch the rubber lens-mount gasket. Damage caused immediately and take the lens to a Nikon-authorized service center for repair.

Replace the front and rear caps when the lens is not in use. To protect the mirror of the lens, store it out of direct sunlight. Keep the lens dry. Avoid contact with other mechanical or ozone-impermeable damage. Leaving the lens in extremely hot locations or under warm parts made of reinforced plastic. Avoid contact with other mechanical or ozone-impermeable damage. Leaving the lens in a warm to a cold environment or vice versa, such as in a case or a plastic bag to slow the change in temperature.

## Lens Care

Removing dust is normally sufficient to clean the glass surfaces of the lens. Smudges and fingerprints can be removed from fluorine-coated lens elements using a soft, clean cotton swab moistened with lens cleaning fluid or endpaper. Beware: Use the lens with benzene vapor from the contact. Avoid use in a circular motion. Slightly can not be too heavy or too light. Use with your fingers. Clean the lens with a soft, lint-free cloth. Use a lens cap to protect the lens element. If the lens will be used for an extended period, store it in a cool, dry location to prevent mild and mold. Do not use any direct sunlight or other light source or lamp heat.

## Accessories

Supported focus modes are shown in the following table (for information on camera focus modes, see the camera manual).

Camera focus mode	A/M	M/A	M
AF	Autofocus with manual focus	Autofocus with manual focus	Manual focus with electronic autofocus
MF	Manual focus with electronic autofocus		

## Specifications

Type Type EAF-S lens with built-in CPU and F mount

Focus length 500 mm

Maximum aperture f/5.6

Minimum focus distance 1.9 elements in 11 groups (including 13 lens elements, 11 glass) (front lens element, 11 elements in 11 groups (including 13 lens elements, 11 glass) (rear lens element))

Angle of view 35° (at infinity)

Diaphragm blades 9 (rounded diaphragm opening)

Aperture range f/5.6 – 32

Focus limit switch Two positions: FULL (–3.8) and –8 m

Filter-attachment size 95 mm (φ 1.8 mm)

Dimensions Approx. 106 mm maximum diameter x 237 mm (lens barrel length)

Weight Approx. 1460 g (13.15 lb)

Nikon reserves the right to change the specifications, and performance of this product at any time without notice.

## The Focus Function Buttons and Selector

The function assigned to the focus function buttons can be selected using the focus function selector.

Focus function selector	Focus function button
MEMORY RECALL	Memory recall
AF-ON	Autofocus with manual focus

The assigned function can be confirmed by pressing any of the four function buttons.

## Focus Lock (AF-L)

When the camera is in autofocus mode, autofocus can be over-riden by rotating the lens release button while the shutter-release button is pressed halfway or an AF-L button (other than the AF-ON button) on the focus function selector is in the AF-ON position. A half-press of the focus function selector in the AF-ON position, a lens focus function button is pressed. To refocus using autofocus, press the shutter-release button halfway or press the AF-L button again.

## Focus Function Buttons

1 Slide the break-off switch to "off".

2 Press the memory set button. This operation can be performed in any focus mode regardless of the position of the focus function selector.

3 Press the memory set button. This operation can be performed in any focus mode regardless of the position of the focus function selector.

## Using Stored Focus Positions

1 Slide the focus function selector to MEMORY RECALL.

2 Press the stored focus button.

3 Press the stored focus button. The camera will refocus at the stored distance even when the shutter-release button is pressed halfway. Manual focus is restored when the focus function button is released. Keep the focus function button pressed until the photograph is taken.

## For Your Safety

To prevent damage to property or injury to yourself or to others, read "For Your Safety" in "Entry before use" section.

Keep these safety instructions where all those who use this product will read them.

Do not touch internal parts of this product. Failure to observe this precaution could result in electric shock or injury.

Should you notice any abnormalities such as the product producing smoke, heat, or unusual odors, immediately disconnect the camera power source.

Do not handle with wet hands. Failure to observe these precautions could result in an electric shock.

## ! WARNING

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## ! VORSICHT

Das Objektive abbrechen kann eine Beschädigung verursachen oder eine Verletzung herbeiführen.

1 Schieben Sie den Fokussierumschalter auf die Position AF-ON oder M/A.

2 Drücken Sie die Sperre Taste.

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