

Nikon

AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR

AF-P DX NIKKOR 18-55mm f/3.5-5.6G

En User's Manual (with Warranty)

De Benutzerhandbuch (inkl. Garantiebrief)

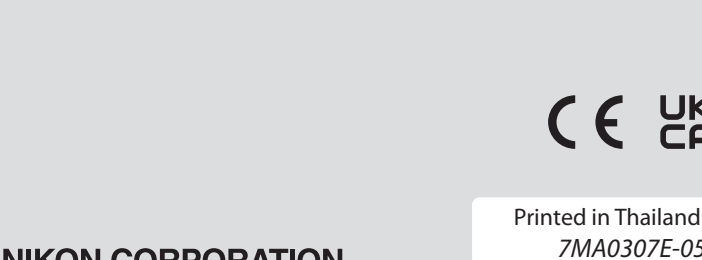
Fr Manuel d'utilisation (avec garantie)

Nl Gebruikshandleiding (met garantie)

It Manuale d'uso (con garanzia)

Es Manual del usuario (con garantía)

Pa Manual do Utilizador (com Garantia)



NIKON CORPORATION



Nikon Europe Service Warranty Card	
Model name/Product/ Nom du modèle/Modellname/ Nome del modello	AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR
Serial No./Seriennummer/ Número de serie/Serien-Nr./ N. di serie	
Technical Data/Technische Daten/Caratteristiche Tecniche/ Datos técnicos/Características técnicas	AF-P DX NIKKOR 18-55mm f/3.5-5.6G

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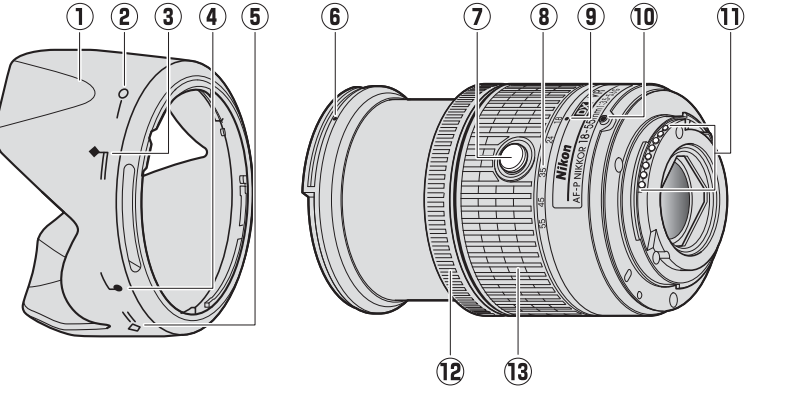


Figure 1/Abbildung 1/Figure 1



Figure 2/Abbildung 2/Figure 2

English

Before using this product, please carefully read both these instructions and the camera manual. The illustrations in these instructions show an AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR lens.

Note: DX lenses are for use with Nikon DX-format digital single-lens reflex cameras. The angle of view of a lens on a DX-format camera is equivalent to that of a lens with a focal length about 1.5 x longer mounted on a 35 mm-format camera.

This lens does not support D4-series, D3-series, D2-series, D1-series, D80-series, D700, D610, D600, D3000-series, D2000, D100, D90, D80, D700-series, D60, D50, D40-series, D7000, D5100, D5000, D3200, D3100 or D3000 digital SLR camera or film SLR cameras. When using it with a D5500, D5300, or D3300, be sure the camera firmware has been updated to the latest version. If the camera is off or the standby timer has expired, the focus ring can not be used to focus the camera and rotating the zoom ring will cause the subject to go out of focus. Before focusing, turn the camera on or restart the standby timer by pressing the shutter-release button halfway.

For Your Safety

▲WARNINGS

• **Do not disassemble or modify.** In the event of malfunction, the product should be repaired only by a qualified technician. Should the product break open as the result of a fall or other accident, avoid touching exposed parts. Failure to observe these precautions could result in electric shock or other injury.

• **Turn the camera off immediately in the event of malfunction.** Should you notice smoke or an unusual smell coming from the equipment, immediately unplug the AC adapter and remove the camera battery, taking care to avoid burns. Continued operation could result in fire or injury. After removing the battery, take the equipment to a Nikon-authorized service center for inspection.

• **Do not expose the product to water or handle with wet hands.** Failure to observe this precaution could result in fire or electric shock.

• **Do not use in the presence of flammable gas.** Operating the equipment at filling stations or in the presence of propane or other flammable gas or dust could result in explosion or fire.

• **Do not look at the sun through the lens or the camera viewfinder.** Viewing the sun or other bright light source through the lens or viewfinder could cause permanent visual impairment.

▲CAUTIONS

• **Keep out of reach of children.** Failure to observe this precaution could result in injury or product malfunction.

• **Do not flash sunlight through the lens.** Sunlight focused through the lens could cause fire. When shooting backlit subjects keep the sun well out of the frame; if the lens is not to be used for an extended period, replace the lens caps and store out of direct sunlight.

• **Do not overheat.** Do not leave the product in locations exposed to extremely high temperatures, such as in an enclosed vehicle in direct sunlight, or wrap the product in a towel or handkerchief or otherwise cover the product while it is in use. Failure to observe these precautions could result in fire or product malfunction.

Notices for Customers 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 designed for separate collection at an appropriate collection point. Do not dispose of household waste.

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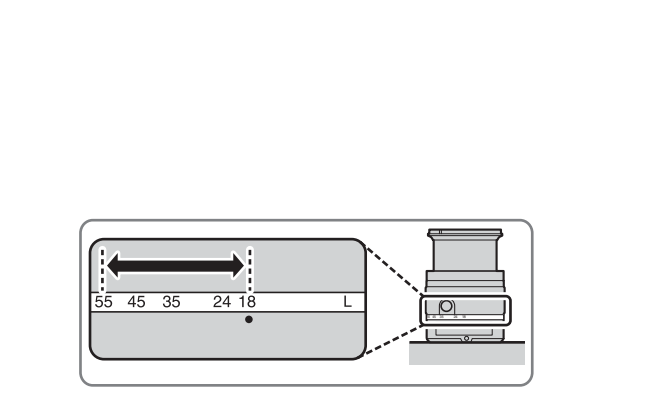


Figure 2/Abbildung 2/Figure 2

Autofocus

Focus is adjusted automatically when the camera is in autofocus mode. The focus ring can also be used to focus the camera if the shutter-release button is kept pressed halfway (or if the AF-ON button is kept pressed); this is known as "autofocus with manual override" (M/A). Autofocus will resume when the shutter-release button is pressed halfway (or the AF-ON button is pressed) a second time. Note that touching the focus ring while autofocus is in effect will change the focus position.

Manual Focus
When the camera is in manual focus mode, focus can be adjusted by rotating the lens focus ring.

■ **A Note on Wide- and Super Wide-Angle Lenses**
Autofocus may not provide the desired results in situations like those shown below. In these cases, use manual focus, or use focus lock to focus on another subject at the same distance and then recompose the photograph.

Objects in the background occupy more of the focus point than the main subject. If the focus point contains both foreground and background objects, the camera may focus on the background and the subject may be out of focus.

The subject contains many fine details. The camera may have difficulty focusing on subjects that lack contrast or appear smaller than objects in the background.

For more information, see "Getting Good Results with Autofocus" in the camera manual.

■ **Zoom**
Before focusing, rotate the zoom ring to adjust the focal length and frame the photograph.

■ **Depth of Field**
If the camera offers depth-of-field preview, depth of field can be previewed in the viewfinder.

■ **Aperture**
Aperture is adjusted using camera controls.

Zoom and Maximum Aperture
Changes to zoom can alter the maximum aperture by up to 1½ f/.

■ **Built-in Flash Units**
When using the built-in flash on cameras equipped with a built-in flash unit, remove the lens hood to prevent vignetting (shadows created where the end of the lens obscures the built-in flash).

■ **Using Built-in Flash Units Without Vignetting**
Vignetting may occur with the built-in flash units for the following cameras when the lens is attached. The minimum focus distances at which the flash can be used without vignetting are given below.

Camera	Focal length	Use at ranges of*
D5500/D5300/D5200/D3300	18 mm	1.0 m (3 ft 3 in) or more
	24, 35, 45, and 55 mm	No restrictions

* Lens hood not attached.
For the latest information on vignetting with this lens, see the camera manual.

■ **Vibration Reduction (VR, AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR Only)**
Vibration reduction (VR) is available when an AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR lens is mounted on the camera and the shutter-release button is pressed halfway. Vibration reduction can be turned on or off using the **Optical VR** option in the camera menu; when on, it reduces blur caused by camera shake, allowing shutter speeds up to 4.0 stops slower than would otherwise be the case, increasing the range of shutter speeds available. The effects of VR on shutter speed are measured according to **Camera and Imaging Products Association (CIPA)** standards. DX-format lenses are measured using FX-format digital cameras. DX-format lenses using DX-format cameras. Zoom lenses are measured at maximum zoom.

Using Vibration Reduction: Notes
• When using vibration reduction, press the shutter-release button halfway and wait for the image in the viewfinder to stabilize before pressing the shutter-release button the rest of the way down.
• When vibration reduction is active, the image in the viewfinder may be blurred after the shutter is released. This does not indicate a malfunction.
• When the camera is panned, vibration reduction applies only to motion that is not part of the pan (if the camera is panned horizontally, for example, vibration reduction will be applied only to vertical shake), making it much easier to pan the camera smoothly in a wide arc.
• If the camera is equipped with a built-in flash, vibration reduction will be disabled while the flash charges.
• Vibration reduction is generally recommended when the camera is mounted on a tripod, although you may prefer to turn it off depending on shooting conditions and the type of tripod.

■ **The Optional Lens Hood**
The lens hood protects the lens and block stray light that would otherwise cause flare or ghosting.

Attaching the Lens
1. Turn the camera off and remove the camera body cap.
2. Remove the rear lens cap.
3. Attach the lens.
Keeping the lens mounting mark aligned with the mounting mark on the camera body, position the lens in the camera's bayonet mount and then rotate the lens counter-clockwise until it clicks into place with the lens mounting mark at the top.
Be careful not to press the retractable lens barrel button while attaching or removing the lens.

Attaching the Lens
1. Turn the camera off.
2. Remove the lens.
To remove the lens, press the camera lens release button while turning the lens clockwise.

Before Use
The lens features a retractable barrel. Before using the camera, unlock and extend the zoom ring. Keeping the retractable lens barrel button pressed and rotate the zoom ring as shown (➡).

When attaching or removing the hood, hold it near the ➡ symbol on its base and avoid gripping it too tightly. Vignetting may occur if the hood is not correctly attached. The hood can be reversed and mounted on the lens when not in use.

Photographs can be taken only when the focal length scale is between 18 and 55 mm (Figure 2).

To retract the lens, keep the retractable lens barrel button pressed and rotate the zoom ring in the opposite direction until it clicks.

If the camera is turned on with the lens retracted, the camera will display a message, "F - - - AF", or other warning. Extend the lens before shooting.

Focus
Focus mode is determined by the camera focus mode. See the camera manual for information on camera focus mode selection. Users of D810-series, D7, D750, D7200, D7100, or D5200 cameras should note that if the standby timer is allowed to expire, the focus position will change when the timer is restarted. Before using shooting, longer standby times are recommended for manual focus and in other situations in which you may not release the shutter immediately after focusing.

■ **Lens Care**
• Do not pick up or hold the lens or camera using only the lens hood.
• Keep the CPU contacts clean.
• Use a blower to remove dust and lint from the lens surfaces. To remove smudges and fingerprints, apply a small amount of ethanol or lens cleaner to a soft, clean cotton cloth or lens-cleaning tissue and clean from the center outward using a circular motion, taking care not to leave smears or touch the glass with your fingers.
• Never use organic solvents such as paint thinner or benzene to clean the lens.
• The lens hood or NC filters can be used to protect the front lens element.
• Attach the front and rear caps before placing the lens in its lens case.
• If the lens will not be used for an extended period, store it in a cool, dry location to prevent mold and rust. Do not store in direct sunlight or with naphtha or camphor moth balls.
• Keep the lens dry. Rusting of the internal mechanism can cause irreparable damage.
• Leaving the lens in extremely hot locations could damage or warp parts made from reinforced plastic.

■ **Supplied Accessories**
• 55 mm snap-on Front Lens Cap LC-55A
• Rear Lens Cap

■ **Compatible Accessories**
• 55 mm screw-on filters
• Bayonet Hood HB-N106
• Lens Case LC-0815
• Rear Lens Cap LF-4

■ **Specifications**
Type Type G AF-P DX lens with built-in CPU and AF mount
Focal length 18–55 mm
Maximum aperture f/3.5–5.6
Lens construction 12 elements in 9 groups (2 aspherical lens elements)
Angle of view 76°–28°50'

Focal length scale Graduated in millimeters (18, 24, 35, 45, 55)
Distance information Output to camera
Zoom Manual zoom using independent zoom ring
Focusing Autofocus controlled by stepping motor; separate focus ring for manual focus
Vibration reduction Only shift using voice coil motors (VCM)

AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR
Minimum focus distance 0.25 m (0.91 ft) from focal plane at all zoom positions
Diaphragm blades 7 (rounded diaphragm opening)
Diaphragm Fully automatic
Aperture range • 18 mm focal length: f/3.5–22
• 55 mm focal length: f/5.6–38
The minimum aperture displayed may vary depending on the size of the exposure increment selected with the camera.

Metering Full aperture
Filter-attachment size 55 mm (F = 0.75 mm)
Dimensions Approx. 64.5 mm maximum diameter × 62.5 mm (distance from camera lens mount flange)

Weight AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR: Approx. 205 g (7.3 oz)
AF-P DX NIKKOR 18-55mm f/3.5-5.6G: Approx. 195 g (6.9 oz)

Nikon reserves the right to change the specifications of the hardware described in this manual at any time and without prior notice.

Deutsch
Bitte lesen Sie sorgfältig diese Anleitung und das Kamerahandbuch, bevor Sie dieses Produkt verwenden. Die Abbildungen in dieser Anleitung zeigen das Objektiv AF-P DX NIKKOR 18-55mm 1:3.5–5.6G VR.

Hinweis: DX-Objektive sind für den Gebrauch an Nikon Digital-Spiegelreflexkameras mit Sensor im DX-Format ausgelegt. Die Bildwinkel dieses Objektivs an einer DX-Format-Kamera entsprechen dem Bildwinkel eines Objektivs mit einer etwa 1,5-mal längeren Brennweite an einer Kleinbildkamera. Dieses Objektiv ist weder mit Spiegelreflexkameras für Film noch mit den folgenden DX-SLR-Kameramodellen kompatibel: D4-Serie, D3-Serie, D2-Serie, D1-Serie, D800-Serie, D7000, D610, D600, D3000-Serie, D2000, D100, D90,

