

User Manual

SAMSUNG

SAMSUNG 18-55mm F3.5-5.6 OIS III

SAMSUNG 12-24mm F4-5.6 ED

SAMSUNG 50-200mm F4-5.6 ED OIS III

ENG / KOR / FRE / GER / SPA / T.CHI / ITA / POR (BRA) / TUR / RUS / SWE / FIN / DUT / DAN / NOR / S.CHI

This User Manual has been specially designed to guide you through the basic functions and features of your device. Please read the User Manual carefully to ensure safe and correct use.



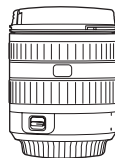
Please refer to the warranty that came with your product or visit our website www.samsung.com for after-sales service or inquiries.



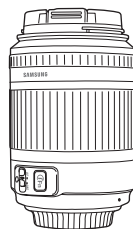
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SAMSUNG 18-55mm F3.5-5.6 OIS III

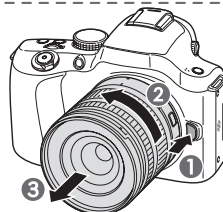


SAMSUNG 12-24mm F4-5.6 ED



SAMSUNG 50-200mm F4-5.6 ED OIS III

C



D



English

Before Using This Device

Thank you for purchasing the Samsung Lens. The illustrations in this manual are based on the SAMSUNG 18-55mm F3.5-5.6 OIS III. The illustrations used in this manual may differ from the actual items. Some functions described in this manual may not be available depending on the camera model. Update the firmware of the camera body and lens. Visit www.samsung.com to download the firmware.

Unpacking

Lens, Lens cap, Lens mount cover, Hood, Case, User manual

• Optional Item: Filter

Layouts (See Illustration A)

① Lens mount index ② Zoom ring ③ Focus ring ④ Lens hood mount index ⑤ Lens AF/MF switch ⑥ I-Function button ⑦ Lens information contacts

Attaching and Removing the Lens

▶ To attach the lens,

- 1 Remove the lens cap, lens mount cover, and body cap.
- 2 Align the red mark on the lens with the red mark on the camera body. Then, rotate the lens as shown in the illustration until it locks into place. (See illustration B)

▶ To remove the lens, press and hold the lens release button, and then rotate the lens as shown in the illustration. (See illustration C)

Setting the Focus Method

Set the AF/MF switch on the lens to AF or MF.

Auto Focus (AF): The focus is adjusted automatically when you half-press [Shutter].

Manual Focus (MF): The focus can be adjusted manually by rotating the focus ring on the lens.

Use the MF Assist function on the camera to aid with manual focusing. Refer to your camera manual for more details.

Using I-Function

When you press the I-Function button on the lens, you can use the ① **effect** mode or ② **zoom** or adjust some shooting options. In the ① **effect** mode, you can select scenes or filter effects that your camera supports. ② **zoom** allows you to zoom in on a subject with less degradation of photo quality than the Digital zoom. This feature is available only when your camera supports it. i-Scene mode is available only on some camera models.

- 1 Rotate the mode dial to **P, A, S, M, or O**.
- 2 Press [I-Function] on the lens to select a setting.
 - Available settings may differ depending on the shooting mode.

Setting	Shooting mode	Setting	Shooting mode
① effect	①	Aperture value	A, M
① zoom	P, A, S, M, O	Exposure value	P, A, S
Shutter speed	S, M	White Balance, ISO	P, A, S, M

- 3 Rotate the focus ring on the lens to adjust the setting (or to change the zoom rate in ① **zoom** mode).
- 4 Focus and capture the photo.

- To select the items that will appear when you press the I-Function button on the lens, you can use the iFn Customizing menu on your camera.
- Available scenes or filter effects in the ① **effect** mode may vary depending on the camera model.
- If you select ② **zoom**, the photo resolution will vary according to the zoom rate.

Using the Zoom Ring

Set the composition of the photo (the focal distance of the lens) by rotating the zoom ring on the lens. (See illustration D)

- When you use the zoom function, focus can be slightly changed. Adjust the focus again before you capture a photo.

Using a Lens Hood (See Illustration E)

To prevent deterioration of image quality by blocking out unnecessary light, use a lens hood.



When you use a flash in situations where the distance between the subject and the camera is close, the flash light may be partially blocked by the lens or a lens hood. To ensure proper lighting, remove the lens hood or adjust the distance between the camera and subjects.

Using a Filter (optional) (See Illustration F)

Before putting a filter on the lens, make sure it is compatible. Refer to "Specifications" for compatible filter size.



- A filter is a precise optical product. Keep away from dust, dirt, or scratches. Also, do not try to mount two or more filters at the same time. Doing so may deteriorate the image quality and cause vignetting (reduction of an image's brightness or saturation at the periphery as the viewing angle of the lens is hidden).
- In case of a thick framed filter, the vignetting can occur with a wide-angle lens.

Specifications

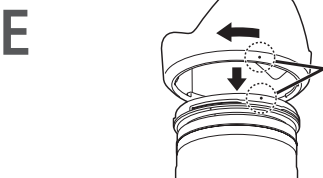
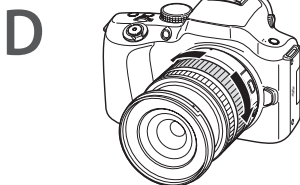
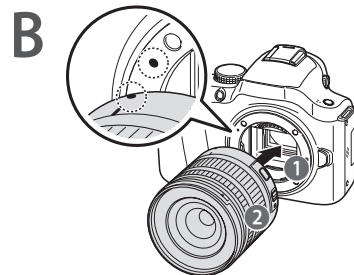
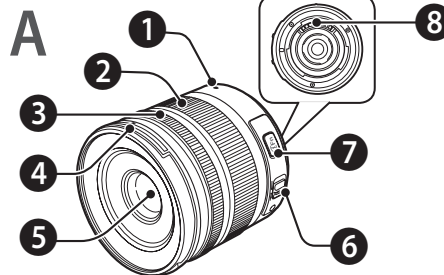
Lens Name	SAMSUNG 18-55mm F3.5-5.6 OIS III
Focal Length	18-55 mm
Focal Length in 35 mm Equivalent	27.7-84.7 mm
Lens Construction-Elements	12
Lens Construction-Groups	9
Aspherical Elements	1
Angle of View	75°-28.7°
Maximum Aperture	F3.5-5.6
Minimum Aperture	F22
Number of Diaphragm Blades	7
Minimum Focus Distance (Wide)	0.28 m
Minimum Focus Distance (Tele)	0.28 m
Maximum Magnification	0.22X

Lens Hood	Included
Optical Image Stabilizer	Yes
Mount Type	Samsung NX Mount
Filter Size	58 mm
Max. Diameter	63 mm
Length	65.1 mm
Weight (Lens Only, Approx.)	204 g
Operating Temperature	0-40 °C
Operating Humidity	5-85 %

Lens Name	SAMSUNG 12-24mm F4-5.6 ED
Focal Length	12-24 mm
Focal Length in 35 mm Equivalent	18.5-37 mm
Lens Construction-Elements	10
Lens Construction-Groups	8
Aspherical Elements	2
ED Elements	1
Angle of View	99.0°-60.7°
Maximum Aperture	F4-5.6
Minimum Aperture	F22
Number of Diaphragm Blades	7
Minimum Focus Distance (Wide)	0.24 m
Minimum Focus Distance (Tele)	0.24 m
Maximum Magnification	0.14X
Lens Hood	Included
Optical Image Stabilizer	No
Mount Type	Samsung NX Mount
Filter Size	58 mm
Max. Diameter	63.5 mm
Length	65.5 mm

12-24mm F4-5.6 ED

SAMSUNG 50-200mm F4-5.6 ED OIS III



Lens Hood	Included
Optical Image Stabilizer	Yes
Mount Type	Samsung NX Mount
Filter Size	58 mm
Max. Diameter	63 mm
Length	65.1 mm
Weight (Lens Only, Approx.)	204 g
Operating Temperature	0-40 °C
Operating Humidity	5-85 %

Lens Name	SAMSUNG 12-24mm F4-5.6 ED
Focal Length	12-24 mm
Focal Length in 35 mm Equivalent	18.5-37 mm
Lens Construction-Elements	10
Lens Construction-Groups	8
Aspherical Elements	2
ED Elements	1
Angle of View	99.0°-60.7°
Maximum Aperture	F4-5.6
Minimum Aperture	F22
Number of Diaphragm Blades	7
Minimum Focus Distance (Wide)	0.24 m
Minimum Focus Distance (Tele)	0.24 m
Maximum Magnification	0.14X
Lens Hood	Included
Optical Image Stabilizer	No
Mount Type	Samsung NX Mount
Filter Size	58 mm
Max. Diameter	63.5 mm
Length	65.5 mm

Weight (Lens Only, Approx.)	208 g
Operating Temperature	0-40 °C
Operating Humidity	5-85 %

Lens Name	SAMSUNG 50-200mm F4-5.6 ED OIS III
Focal Length	50-200 mm
Focal Length in 35 mm Equivalent	77-308 mm
Lens Construction-Elements	17
Lens Construction-Groups	13
ED Elements	2
Angle of View	31.4°-8.0°
Maximum Aperture	F4-5.6
Minimum Aperture	F22
Number of Diaphragm Blades	7
Minimum Focus Distance (Wide)	0.98 m
Minimum Focus Distance (Tele)	0.98 m
Maximum Magnification	0.2X
Lens Hood	Included
Optical Image Stabilizer	Yes
Mount Type	Samsung NX Mount
Filter Size	52 mm
Max. Diameter	70 mm
Length	100.5 mm
Weight (Lens Only, Approx.)	406 g
Operating Temperature	0-40 °C
Operating Humidity	5-85 %



Specifications may change without notice for better performance.

Health and Safety Information

Please read the following safety tips carefully for proper and safe use.



Warning

- Do not stare at the sun through the lens or camera. This may cause severe damage to your eyes.
- Keep your lens or camera away from small children and pets.



Caution

- Do not store the lens in direct sunlight without the lens cap. Direct sunlight that passes through the lens may combust if it comes into contact with flammable materials.
- Use only sturdy tripods. Lightweight or unstable tripods may fall over and damage the camera.

Lens Storage and Maintenance

- Store the lens in dry and well ventilated areas.
- Do not store the lens in areas of high temperature or humidity or in a closet, car, or confined area where chemicals are stored.
- The lens is not waterproof. Be careful not to allow it to get wet when using it near water.
- Do not use chemicals such as thinner, alcohol, or benzene to remove dust.
- Do not drop the lens or apply excessive shock to it. The lens is a precise optical product.
- Avoid using the lens anywhere there is a sudden temperature change. Keep the lens in a plastic bag or a camera case to prevent condensation from forming on the inside or outside of the lens.
- When carrying or not using the lens, place the lens cap and lens mount cover on the lens to prevent contamination from foreign particles and protect the lens from scratches.
- Do not keep the camera mounted on a tripod without the lens cap.
- The inside of the camera can be damaged by direct sunlight.
- Check the lens once every year or two for best performance.
- Do not apply excessive force to the front of the lens.
- For safe use of the lens, mount or dismount the lens while the camera is turned off.
- Samsung is not responsible for any damage incurred by using other manufacturers' lenses.
- Make sure to change lenses only in a clean environment and do not put your fingers into the lens mount when mounting the lens. Foreign particles may affect shooting results or cause a malfunction if they enter the camera body or the lens.
- Do not transport or store the lens with any part of the tube is extended. Completely retract the lens tube inside the body by rotating the zoom ring on the lens.