

User Manual

SAMSUNG

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

SAMSUNG 12-24mm F4-5.6 ED

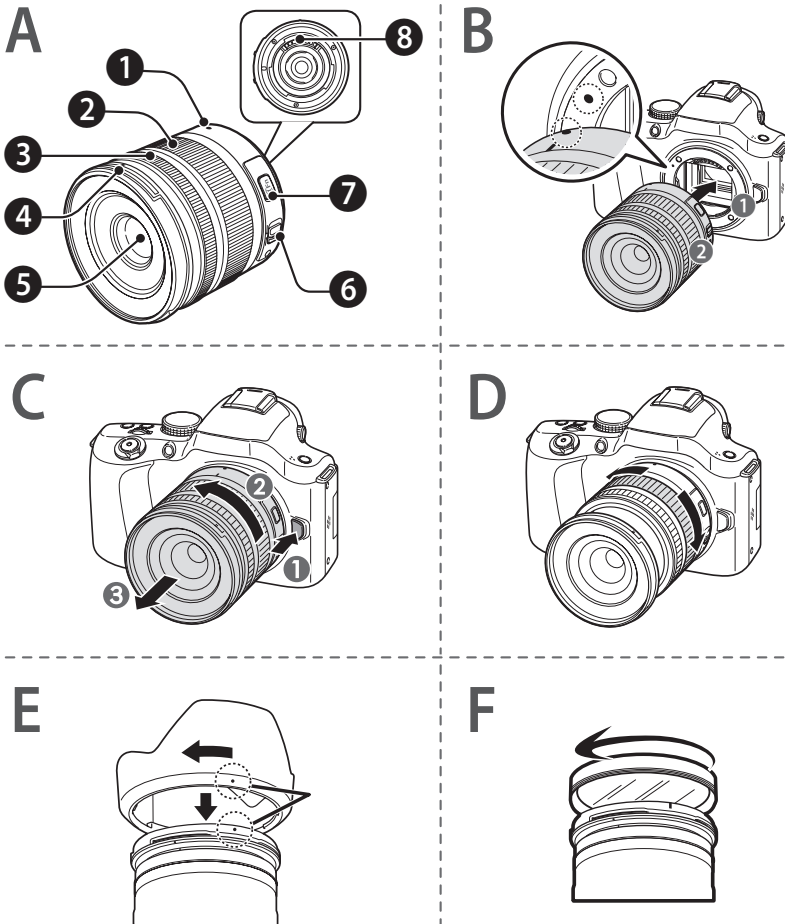
SAMSUNG 50-200mm F4-5.6 ED OIS III

ENG / SPA / FRE

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.



AD68-08097A (1.3)



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 ⑥ AF/MF switch
- ⑦ i-Function button ⑧ 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].

- ⚠ Do not apply excessive force to the front of the lens while the camera is using auto focus (AF). Doing so may cause the lens to malfunction.

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 ① **zoom** or adjust some shooting options. In the ① **effect** mode, you can select scenes or filter effects that your camera supports. ① **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 ①.
- 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 , ① | 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 ① **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 (a 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 | 75.9°-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 |
| 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.

State of California Proposition 65 Warning (US only)

WARNING : This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.