Canon

RF

50mm F1.8 STM

Instructions

ENG

Thank you for purchasing a Canon product.

Canon RF50mm F1.8 STM is a standard lens for use with EOS R series cameras.

- “STM” stands for Stepping Motor.

Camera Firmware

Please use the latest version of firmware with the camera in use. For details on whether the firmware is the latest version or not, and for details on updating the firmware, please check the Canon website.

Conventions used in these instructions

Warning to prevent lens or camera malfunction or damage.

Supplementary notes on using the lens and taking pictures.

Safety Precautions

Precautions to ensure that the camera is used safely. Read these precautions thoroughly. Make sure all details are observed in order to prevent risks and injury to the user and other people.

⚠ Warning Details pertaining to risks that may result in death or serious injury.

- **Do not look directly at the sun or other strong light sources through a lens.** This may result in loss of sight.
- **Do not leave a lens in the sun without the lens cap attached.** The lens may concentrate entering sunlight and cause a malfunction or fire.

⚠ Caution Details pertaining to risks that may result in injury or damage to other objects.

- **Do not leave the product in places exposed to extremely high or low temperatures.** The product may cause burns or injury when touched.
- **Do not insert your hand or fingers into the product.** This may result in injury.

General Precautions

Handling Precautions

- Do not leave the product in excessive heat such as in a car in direct sunlight. High temperatures can cause the product to malfunction.
- If the lens is taken from a cold environment into a warm one, condensation may develop on the lens surface and internal parts. To prevent condensation in this case, first put the lens into an airtight plastic bag before taking it from a cold to warm environment. Then take out the lens after it has warmed gradually. Do the same when taking the lens from a warm environment into a cold one.
- Please also read any lens related handling precautions listed in your camera's instruction manual.

Shooting Precautions

When the camera recovers from the auto power off status to the shooting-ready status, the front end of the lens moves in both AF/MF mode and an initial reset is performed on the focus lens.

- Do not shoot until the initial reset is completed.
- Focus again after recovering from the auto power off status.
- To maintain the focus position in the shooting-ready status, set [Auto power off] to [Disable] on the camera.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment.

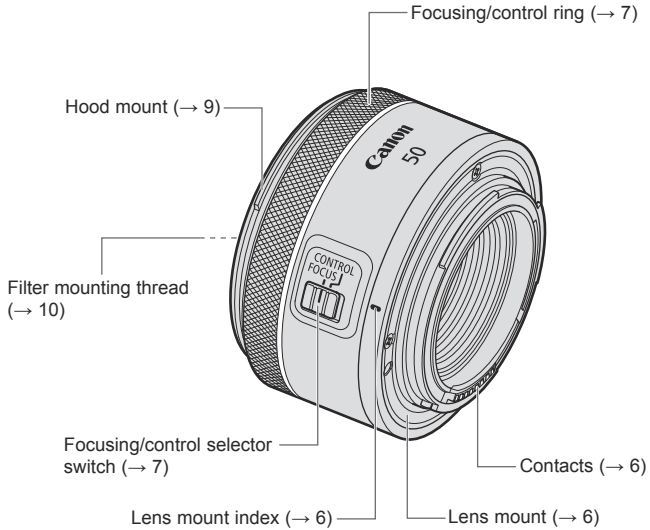
This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

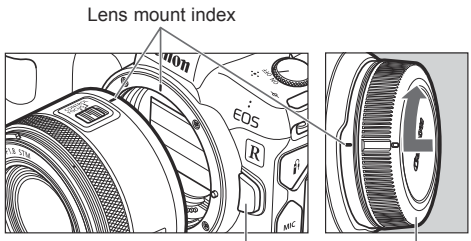
CAN ICES-3 (B) / NMB-3 (B)

Nomenclature



- For detailed information, reference page numbers are provided in parentheses (→ **).

1. Attaching and Detaching the Lens



Attaching the Lens

Align the lens mount indexes of the lens and camera, and turn the lens clockwise until you hear a click.

Detaching the Lens

Turn the lens counterclockwise while pressing the camera's lens release button. Detach the lens once it has stopped turning.

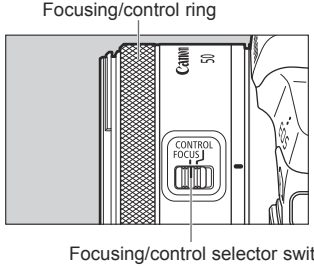
Please refer to the camera's instructions for details.

- Set the camera's power switch to OFF when attaching or detaching the lens.
- Attach the lens cap before detaching the lens from the camera.
- When the power switch of the camera is set to OFF, the focus lens pushed forward is automatically stored.* Do not detach the lens until the lens is completely stored.
- After detaching the lens, place the lens with the rear end up and attach the dust cap to prevent the lens surface and contacts from getting scratched. Make sure the lens and dust cap mount indexes are aligned when attaching the dust cap.
- Contacts that are scratched, soiled, or have fingerprints on them may result in faulty connections or corrosion, which may lead to malfunctions. If the contacts get soiled, clean them with a soft cloth.

* When the lens storage is set to ON on the camera.

2. Focusing/control ring

The focusing/control ring can be used as either a focusing ring or a control ring.



Use as a Focusing Ring

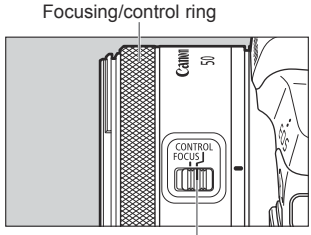
Set the focusing/control selector switch to FOCUS. Set the focus mode (AF/MF) using the camera's menu.
To shoot in autofocus (AF) mode, set the camera's focus mode to AF.
To use only manual focusing (MF), set the camera's focus mode to MF, and focus by turning the focusing ring (focusing/control ring).

- This lens does not have a focus mode switch.
- Delayed focus may occur if the focusing ring (focusing/control ring) is quickly turned.
- Do not touch the operating part in the front of the lens while the focus lens is operating. If external pressure is applied to the moving part, the lens initialization may be performed to return the focus lens to the correct position for control purposes.

- The lens' focusing ring (focusing/control ring) is electronic.
- When AF operation is set to [ONE SHOT], manual focus is possible after autofocusing has been completed by continuing to press the shutter button halfway. (Full-time manual focus) However, the camera settings need to be changed.
  Please refer to the camera's instructions for details.

Focusing/control ring

The focusing/control ring can be used as either a focusing ring or a control ring.

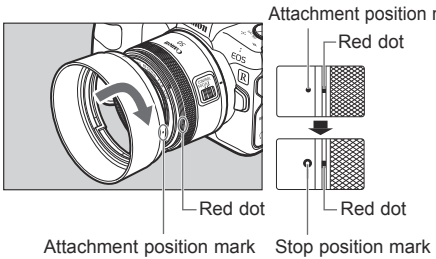


Use as a Control Ring

Set the focusing/control selector switch to CONTROL. Set the control ring function using the camera's menu. The control ring can be assigned the functions that are commonly used with cameras, such as shutter speed and aperture settings.
Please refer to the camera's instructions for details on how to use the control ring.

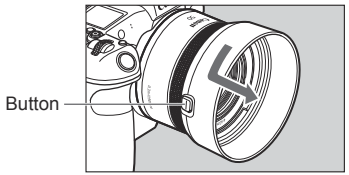
3. Hood (Sold separately)

The custom lens hood reduces unwanted light that causes flare and ghosting and protects the front of the lens from rain, snow, and dust.



Attaching the Hood

Align the red attachment position mark on the hood with the red dot on the front of the lens, and then turn the hood in the direction of the arrow until you hear a click.



Detaching the Hood

Keep your finger pressed down on the button located on the side of the hood, and then turn the hood in the direction of the arrow until the attachment position mark on the hood is aligned with the red dot on the front of the lens to detach it.

The hood can be reverse-mounted on the lens for storage.

- In some photography conditions, it may not be possible to cut out all unwanted light with just the hood. In that case, a board or similar can be used to shade the lens.
- If the hood is not attached properly, vignetting (darkening of the perimeter of the picture) may occur.
- Grasp and turn the base of the hood when attaching and detaching it. There are cases in which it may become deformed if the hood is turned with it grasped near to the rim.

4. Filters (Sold separately)

You can attach filters to the filter mounting thread on the front of the lens.

- Only one filter may be attached.

Specifications

Focal Length/Aperture	50mm f/1.8
Lens Construction	5 groups, 6 elements
Maximum Aperture	f/1.8
Minimum Aperture	f/22
Angle of View	Horizontal: 40°, Vertical: 27°, Diagonal: 46°
Min. Focusing Distance	0.30 m/0.98 ft.
Max. Magnification	0.25x
Field of View	Approx. 145 x 96 mm/5.71 x 3.78 in. (at 0.30 m/0.98 ft.)
Filter Diameter	43 mm
Max. Diameter and Length	Approx. 69.2 x 40.5 mm/2.72 x 1.59 in.
Weight	Approx. 160 g/5.64 oz.
Hood	ES-65B (Sold separately)
Lens Cap	E-43
Case	LP1014 (Sold separately)

- The lens length is measured from the lens mount surface to the front end of the lens. Add 23.4 mm/0.92 in. when including the lens cap and dust cap.
- The maximum diameter, length and weight listed are for the lens itself only.
- You cannot use extenders.
- Close-up Lens 250D/500D cannot be attached because there is no size that fits the lens.
- All data listed is measured according to Canon standards.
- Product specifications and appearance are subject to change without notice.

Canon

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