



## EF Lenses

EF40mm f/2.8 STM

## Instructions

### Thank you for purchasing a Canon product.

EF40mm f/2.8 STM is a compact, lightweight, low-profile high quality standard single focal point lens.

- “STM” stands for Stepping Motor.

#### Safety Precautions

- **Do not look at the sun or a bright light source through the lens or camera.** Doing so could result in loss of vision. Looking at the sun directly through the lens is especially hazardous.
- **Whether it is attached to the camera or not, do not leave the lens under the sun without the lens cap attached.** This is to prevent the lens from concentrating the sun's rays, which could cause a fire.

#### Handling Cautions

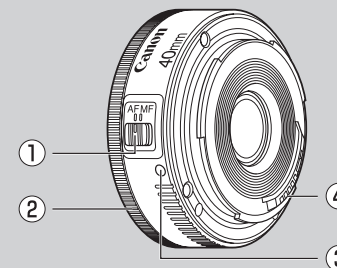
- **If the lens is taken from a cold environment into a warm one, condensation may develop on the lens surface and internal parts.** To prevent condensation in this case, first put the lens into an airtight plastic bag before taking it from a cold to warm environment. Then take out the lens after it has warmed gradually. Do the same when taking the lens from a warm environment into a cold one.
- Do not leave the lens in excessive heat such as in a car in direct sunlight. **High temperatures can cause the lens to malfunction.**

#### Cautions during shooting

- This lens uses a stepping motor to drive the focusing lens (the lens that has the job of focusing the shot).
  1. Cautions when the power is off
    - Since the motor does not operate when the camera is off or has been turned by the auto power-off function, take note of the following points.
      - The focus cannot be adjusted in manual focus mode.
  2. Cautions when the lens is in sleep mode
    - This lens has a sleep mode separate from the camera auto power-off function for saving power when the lens has not been operated for a period of time.
    - Since the motor does not operate when the lens is in sleep mode, even if the camera is turned on, take note of the following points.
      - The focus cannot be adjusted in manual focus mode.
      - To recover the lens from sleep mode, press the shutter button halfway.
- To retract the lens if extended, keep the lens attached to the camera, and then autofocus at infinity or turn the focusing ring.
- To shoot with this lens attached on an EOS-1D Mark IV, update the EOS-1D Mark IV firmware to version 1.1.1 or later. Updating to this firmware will optimize exposure accuracy.
- When using an EOS film camera, the action of the focus may slow down if the battery is low on power or when the ambient temperature is low.

#### Nomenclature

- ① Focus mode switch
- ② Focusing ring
- ③ Lens mount index
- ④ Contacts



- About the AF frame selection  
High accuracy cross (+) detection can be used in the center AF frame and horizontal line detection can be used in the frames other than the center AF frame for the following cameras.  
EOS-1Ds Mark III, EOS-1Ds Mark II, EOS-1Ds, EOS-1D Mark IV, EOS-1D Mark III, EOS-1D Mark II N, EOS-1D Mark II, EOS-1D, EOS-1V, EOS-3

#### Conventions used in this instruction

-  Warning to prevent lens or camera malfunction or damage.
-  Supplementary notes on using the lens and taking pictures.

### 1. Mounting and Detaching the Lens

See your camera's instructions for details on mounting and detaching the lens.

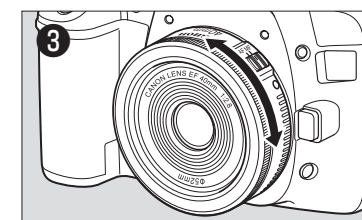
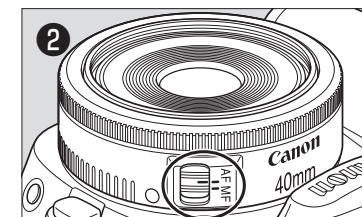
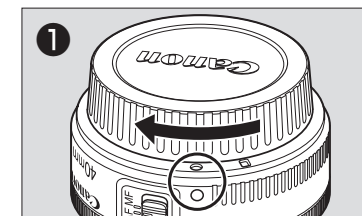
- After detaching the lens, place the lens with the rear end up to prevent the lens surface and contacts from getting scratched.
- If the contacts get soiled, scratched, or have fingerprints on them, corrosion or faulty connections can result. The camera and lens may not operate properly.
- If the contacts get soiled or have fingerprints on them, clean them with a soft cloth.
- If you remove the lens, cover it with the dust cap. To attach it properly, align the lens mount index and the  index of the dust cap, and turn clockwise . To remove it, reverse the order.

### 2. Setting the Focus Mode

To shoot in autofocus (AF) mode, set the focus mode switch to AF .  
To shoot in manual focus (MF) mode, set the focus mode switch to MF, and turn the focusing ring to set the focus .

-  When the camera AF mode is ONE SHOT AF, focus manually by pressing the shutter button halfway and turning the focusing ring. (Full-time manual focus)

- When turning the focusing ring suddenly, the focus adjustment may be delayed.
- The focus cannot be adjusted in MF mode while the camera is off.
- Do not touch the front rotating parts of the lens while autofocus is active.



### 3. Hood (Sold Separately)

The ES-52 hood can keep unwanted light out of the lens, and also protects the lens from rain, snow, and dust.

When attaching the hood, securely attach it to the filter mounting thread (ø52mm) on the front of the lens, or to the thread (ø52mm) on the front of the filter that is already fitted to the lens (excluding older Canon circular polarizing filters that do not have a filter mounting thread on the front) ④.

❗ Part of the picture may be blocked if the hood is not attached properly.

### 4. Filters (Sold Separately)

You can attach filters to the front of the lens, or to the filter mounting thread (ø52mm) on the front of the hood.

- ❗ Only one filter may be attached.
- Use the Canon Circular Polarizing Filter PL-C B (ø52mm) as the polarizing filter.
- You can use hoods and filter attached in any order.

### 5. Extension Tubes (Sold Separately)

You can attach extension tube EF12 II or EF25 II for magnified shots. For shooting distance and magnification, see the extension tube specifications.

📄 MF mode is recommended for accurate focusing.

- The lens length is measured from the mount surface to the front end of the lens. Add 21.5 mm to include the E-52 lens cap and dust cap, and 23.9 mm for the E-52 II.
- The extenders cannot be used with this lens.
- The close-up lenses cannot be used with this lens. (The end of the lens will become heavy, causing the focus to become unstable.)
- CASE (Sold Separately) LP811

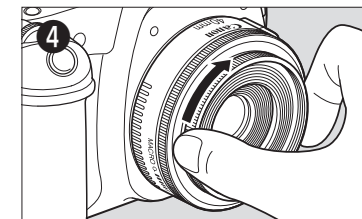
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.
- Consult the dealer or an experienced radio/TV technician for help.



#### Extension Tube Specifications (Sold Separately)

|                  |         | Magnification<br>(X) | Focusing Distance Range<br>(mm) (inch) |
|------------------|---------|----------------------|----------------------------------------|
| EF40mm f/2.8 STM | EF12 II | 0.32-0.50            | 175-217 (6.9-8.5)                      |
|                  | EF25 II | 0.70-0.88            | 156-164 (6.1-6.5)                      |

### Specifications

\* Sold Separately

|                  | Angle of view |          |            | Lens construction | Minimum aperture | Max. magnification | Min. focusing distance | Filter diameter | Max. diameter and length | Weight      | Hood* | Lens Cap     | Case* |
|------------------|---------------|----------|------------|-------------------|------------------|--------------------|------------------------|-----------------|--------------------------|-------------|-------|--------------|-------|
|                  | Diagonal      | Vertical | Horizontal |                   |                  |                    |                        |                 |                          |             |       |              |       |
| EF40mm f/2.8 STM | 57°30'        | 34°      | 49°20'     | 4-6               | 22               | 0.18x              | 0.3m/0.98ft            | 52mm            | 68.2x22.8mm (2.7"x0.9")  | 130g/4.6oz. | ES-52 | E-52/E-52 II | LP811 |