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› Canon EF-M 15-45mm f/3.5-6.3 IS STM Zoom Lens User Manual

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Model: EF-M 15-45mm f/3.5-6.3 IS STM

1. INTRODUCTION

This manual provides essential instructions for the proper use and care of your Canon EF-M 15-45mm f/3.5-6.3 Image Stabilization STM Zoom Lens. Designed for EOS M series digital cameras, this compact and versatile lens offers a 24-72mm equivalent focal range, making it suitable for a variety of photographic situations from wide-angle landscapes to detailed portraits. Key features include a quiet Stepping Motor (STM) for smooth autofocus during video recording and an Optical Image Stabilizer to reduce camera shake.



Figure 1.1: Front view of the Canon EF-M 15-45mm f/3.5-6.3 IS STM Zoom Lens, showcasing its compact design and zoom ring.

2. SETUP AND INSTALLATION

2.1 Attaching the Lens

1. Ensure the camera is powered off.
2. Remove the rear lens cap and the camera body cap.
3. Align the red index mark on the lens with the red index mark on the camera body.
4. Insert the lens into the camera mount and turn it clockwise until it clicks into place.

2.2 Detaching the Lens

1. Ensure the camera is powered off.
2. While pressing the lens release button on the camera body, turn the lens counter-clockwise until it stops.
3. Remove the lens and attach the rear lens cap.

2.3 Retraction Mechanism

This lens features a retraction mechanism for compact storage. To extend the lens for shooting, rotate the zoom ring past the 15mm mark until it locks into the shooting position. To retract the lens for storage, press the retraction

release lever (marked 'L') and rotate the zoom ring back to the retracted position.



Figure 2.1: Side view of the lens, highlighting the retraction release lever (L) and zoom markings.

3. OPERATING THE LENS

3.1 Zooming

To change the focal length, rotate the zoom ring on the lens. The lens covers a range from 15mm (wide-angle) to 45mm (telephoto). Ensure the lens is extended from its retracted position before attempting to zoom.

3.2 Focusing

The lens utilizes a Stepping Motor (STM) for smooth and quiet autofocus. It also supports full-time manual focus (AF+MF), allowing for fine adjustments after autofocus has been achieved. Refer to your camera's manual for specific autofocus mode settings.



Figure 3.1: The lens barrel displaying focus distance markings (0.25m/0.8ft to infinity).

3.3 Image Stabilization (IS)

The built-in Optical Image Stabilizer helps reduce camera shake, allowing for sharper images, especially in low light or when shooting handheld. The IS function is typically controlled via your camera's menu. Consult your camera's instruction manual for details on enabling and disabling Image Stabilization.

4. MAINTENANCE AND CARE

4.1 Cleaning the Lens

- Use a blower brush to remove dust from the lens surface.
- For smudges or fingerprints, use a clean, soft lens cloth specifically designed for optical surfaces. Apply a small amount of lens cleaning solution to the cloth, not directly to the lens.
- Avoid touching the lens surface with your fingers.

4.2 Storage

- Always attach the front and rear lens caps when not in use.
- Store the lens in a cool, dry, and well-ventilated area, away from direct sunlight and high humidity.
- If storing for an extended period, consider using a desiccant to prevent mold growth.

4.3 Handling Precautions

- Avoid exposing the lens to extreme temperatures or sudden temperature changes.

- Do not drop or subject the lens to strong impacts.
- Keep the lens away from strong magnetic fields.

5. TROUBLESHOOTING

5.1 Lens Not Focusing

- Ensure the lens is fully extended from its retracted position.
- Check the camera's focus mode settings (AF/MF).
- Clean the lens contacts on both the lens and camera body.
- Ensure there is sufficient light for the autofocus system to operate.

5.2 Blurry Images

- Verify that Image Stabilization is enabled if shooting handheld in low light.
- Check shutter speed settings; a faster shutter speed may be needed to prevent motion blur.
- Ensure the lens is clean and free from smudges.
- Confirm proper focus has been achieved.

5.3 Lens Not Retracting

- Press and hold the retraction release lever (L) while rotating the zoom ring to the retracted position.
- Ensure no obstructions are preventing the lens from retracting.

For further troubleshooting, refer to your camera's instruction manual or contact Canon customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	0572C002-cr
Focal Length	15-45mm
Maximum Aperture	f/3.5-6.3
Image Stabilization	Yes (Optical Image Stabilizer)
Autofocus Motor	STM (Stepping Motor)
Compatible Mountings	Canon EF-M
Minimum Focusing Distance	0.25m (0.8ft)
Product Dimensions	1.8 x 2.4 x 2.4 inches
Item Weight	8.8 ounces
Manufacturer	Canon
First Available Date	June 11, 2018

7. WARRANTY AND SUPPORT

This Canon EF-M 15-45mm f/3.5-6.3 IS STM Zoom Lens is a renewed product. Warranty terms for renewed products may vary. Please refer to the specific warranty information provided at the time of purchase or contact the seller directly for details regarding your product's warranty coverage.

For technical assistance, product information, or service inquiries, please visit the official Canon support website or contact their customer service department. You may also reach out to the retailer or renewed product provider for support related to your purchase.

Important: Keep your proof of purchase for warranty claims.