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Canon RF28-70mm F2 L USM

Canon RF28-70mm F2 L USM Lens Instruction Manual

Model: RF28-70mm F2 L USM

1. PRODUCT OVERVIEW

The Canon RF28-70mm F2 L USM Lens is a high-performance, wide-angle to portrait-length zoom lens designed for Canon EOS R Series Mirrorless Cameras. It is distinguished by its unique constant f/2 maximum aperture, offering exceptional low-light performance and precise control over depth of field for subject isolation.

Key Features:

- Bright, constant f/2 USM zoom Lens
- L-series Lens with high image quality
- Control ring for direct setting changes
- Dust- and water-resistant with fluorine coating
- 12 pin Communication system for fast and accurate performance



Figure 1: Front view of the Canon RF28-70mm F2 L USM Lens.

2. WHAT'S IN THE BOX

Upon unboxing your Canon RF28-70mm F2 L USM Lens, you should find the following items:

- CANON LENS RF28-70mm F2 L USM
- LENS CAP E-95
- LENS DUST CAP RF
- LENS HOOD EW-103
- LENS CASE LP1424

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Video 1: An unboxing and closer look at the Canon RF28-70mm F2 L USM Lens and its included accessories.

3. PRODUCT FEATURES AND CONTROLS

The RF28-70mm F2 L USM lens incorporates several features designed for optimal performance and user control:

- **Zoom Ring:** Adjusts the focal length between 28mm and 70mm.
- **Focus Ring:** Allows for manual focusing when the AF/MF switch is set to MF.
- **Control Ring:** A customizable ring that can be assigned to various camera settings such as ISO, aperture, or shutter speed for quick adjustments.
- **AF/MF Switch:** Toggles between autofocus (AF) and manual focus (MF) modes.
- **Stabilizer ON/OFF Switch:** Activates or deactivates the optical image stabilization.
- **Lock Switch:** Secures the lens at its retracted position (28mm) to prevent lens creep during transport.
- **Weather Sealing:** Designed with dust and water resistance, along with a fluorine coating on the front element, to protect against environmental elements.
- **Filter Thread:** The front element features a 95mm filter thread for attaching various filters.



Figure 2: Side view of the Canon RF28-70mm F2 L USM Lens with the lens hood attached, showing the control rings and switches.



Figure 3: Close-up of the front element, showing the 95mm filter thread.

4. SETUP

1. Attaching the Lens:

- Remove the rear lens cap and the camera body cap.
- Align the red index mark on the lens with the red index mark on your EOS R series camera body.
- Rotate the lens clockwise until it clicks into place.

2. Attaching the Lens Hood (EW-103):

- Align the red dot on the lens hood with the red dot on the front of the lens.
- Twist the lens hood clockwise until it locks securely. To remove, press the quick-release button and twist counter-clockwise.

3. Attaching Filters:

- Screw 95mm filters onto the front filter thread of the lens.

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Video 2: Demonstration of the lens features, including the constant f/2 aperture and mounting on a camera body.

5. OPERATING THE LENS

- **Autofocus (AF) / Manual Focus (MF):**

- Slide the AF/MF switch to 'AF' for automatic focusing.
- Slide the AF/MF switch to 'MF' for manual focusing. In MF mode, rotate the focus ring to adjust focus.

- **Image Stabilizer:**

- Set the Stabilizer switch to 'ON' to activate optical image stabilization, which helps reduce blur caused by camera shake.
- Set the Stabilizer switch to 'OFF' when using a tripod or when image stabilization is not desired.

- **Zooming:**

- Rotate the zoom ring to change the focal length between 28mm and 70mm.

- **Control Ring:**

- The control ring's function can be customized via your camera's menu settings. Refer to your camera's instruction manual for specific customization options.

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Video 3: A photographer discusses the versatility and image quality of the Canon RF28-70mm F2 L USM Lens for both video and photography.

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Video 4: A detailed overview of the Canon RF28-70mm F2 L USM Lens, highlighting its features and performance.

6. MAINTENANCE

- **Cleaning the Lens:**

- Use a lens blower to remove dust from the lens surface.
- For smudges or fingerprints, use a soft, clean lens cloth and a small amount of lens cleaning solution.
- Avoid touching the glass elements directly with your fingers.

- **Storage:**

- Always attach the front and rear lens caps when the lens is not in use.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- Utilize the provided lens case (LP1424) for added protection during storage and transport.

- **Weather Resistance:**

- While the lens is dust- and water-resistant, it is not waterproof. Avoid prolonged exposure to heavy rain or

submersion in water.

- Wipe off any moisture immediately with a clean, dry cloth.

7. TROUBLESHOOTING

If you encounter any issues with your Canon RF28-70mm F2 L USM Lens, consider the following general troubleshooting steps:

- **Focusing Issues:** Ensure the AF/MF switch is set correctly for your desired mode. Check for any obstructions on the lens elements.
- **Image Blur:** Verify that the Image Stabilizer is turned ON if shooting handheld in low light. Check your shutter speed and aperture settings.
- **Lens Not Attaching Securely:** Ensure the red index marks on the lens and camera body are aligned correctly before twisting to lock.
- **Unusual Noises:** If the lens makes unusual noises, power off the camera and reattach the lens. If the issue persists, contact Canon support.

For more detailed troubleshooting or specific error codes, please refer to your camera's instruction manual or the official Canon support website.

8. SPECIFICATIONS

Attribute	Value
Product Dimensions	4.1 x 4.1 x 5.5 inches
Item Weight	3.15 pounds
ASIN	B07H4F64XL
Item model number	2965C002
Brand	Canon
Focal Length Description	28-70 millimeters
Lens Type	Standard
Compatible Mountings	Canon RF
Camera Lens Description	Canon RF28-70mm F2 L USM Lens, Zoom Lens, Compatible with EOS R Series Mirrorless Cameras, Black
Manufacturer	Canon Cameras US
Date First Available	September 4, 2018

9. WARRANTY AND SUPPORT

This Canon product comes with a manufacturer's warranty. For specific warranty details, registration, and technical support, please refer to the warranty card included in your product packaging or visit the official Canon website.

For additional assistance, you may also contact Canon customer service directly.

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