Canon EOS RP

Canon EOS RP Full Frame Mirrorless Digital Camera Instruction Manual

Model: EOS RP (3380C002)

Introduction

The Canon EOS RP is a lightweight and compact full-frame mirrorless digital camera designed for high-quality photography and 4K video recording. It features a 26.2MP CMOS sensor, fast and accurate Dual Pixel CMOS AF, and a 3.0-inch Vari-Angle Touch LCD screen, making it versatile for various shooting scenarios.

Key Features:

- Lightest, smallest full-frame EOS camera body.
- RF mount compatible with RF lenses and EF/EF-S lenses with optional mount adapter.
- High image quality with 26.2 Megapixel Full-frame CMOS Sensor and DIGIC 8 Image processor.
- Dual Pixel CMOS AF for fast and accurate autofocus.
- Wi-Fi and Bluetooth connectivity for seamless sharing and remote control.
- 4K video recording capabilities.
- 3.0-inch Vari-Angle Touch LCD Screen for flexible viewing and control.

Setup

What's in the Box:

- Canon EOS RP Camera Body
- Battery Pack LP-E17
- Battery Charger LC-E17
- Neck Strap
- Body Cap

Battery Installation:

Open the battery compartment cover located at the bottom of the camera. Insert the LP-E17 battery pack with the contacts facing the correct direction, then close the cover securely. Ensure the battery is fully charged before first use using the provided LC-E17 charger.

Memory Card Insertion:

The EOS RP supports SD/SDHC/SDXC (UHS-II) memory cards. Open the memory card slot cover, insert the card until it clicks into place, and then close the cover. For optimal performance, use a high-speed UHS-II (U3) card, especially for 4K video recording.

Attaching a Lens:

Align the red or white index mark on the lens with the corresponding mark on the camera body. Turn the lens clockwise until it clicks into place. To remove the lens, press the lens release button on the camera body and turn the lens counter-clockwise.



Image: Canon EOS RP camera body, battery, charger, and neck strap included in the package.

Operating the Camera

Power On/Off:

Use the ON/OFF switch located on the top left of the camera body to power the camera on or off.

Mode Dial:

The mode dial on the top right allows you to select various shooting modes, including Scene Intelligent Auto, Flexible-priority AE (Fv), Program AE (P), Shutter-priority AE (Tv), Aperture-priority AE (Av), Manual exposure (M), Bulb, and Custom shooting modes (C1, C2, C3).



Image: Front view of the Canon EOS RP camera body, showcasing the RF lens mount and ergonomic grip.

Vari-Angle Touch LCD Screen:

The 3.0-inch Vari-Angle Touch LCD screen can be rotated and tilted for flexible viewing angles, ideal for vlogging or shooting from high/low perspectives. It also supports touch operations for menu navigation, autofocus point selection, and image review.



Image: Rear view of the Canon EOS RP with the Vari-Angle LCD screen fully articulated, showing its flexibility.

Autofocus and Shutter:

The camera features Dual Pixel CMOS AF for fast and accurate focusing. Half-press the shutter button to focus, then fully press to capture a photo. The AF-ON button on the rear can also be used for back-button focusing.

Video Recording:

To record video, switch to a video mode on the mode dial or press the dedicated record button. The camera supports 4K UHD 2160p video recording. Note that 4K video recording may have a crop factor and certain limitations.

Video: An overview and demo of the Canon EOS RP Full Frame Digital Camera, highlighting its features and ease of use.

Video: Demonstration of the Canon EOS RP paired with a 24-105mm lens, showing its physical attributes and handling.

Maintenance

Cleaning the Camera:

Regularly clean the camera body with a soft, dry cloth. For the lens and sensor, use specialized cleaning tools such as a blower brush, lens cleaning solution, and microfiber cloths to avoid scratches. Never touch the sensor directly with your fingers.

Storage:

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Use a desiccant pack to absorb moisture if storing in humid environments. Remove the battery when storing the camera for extended periods.

Troubleshooting

Common Issues:

- **Camera not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Autofocus issues:** Check that the lens is securely attached and the AF/MF switch on the lens (if applicable) is set to AF. Ensure sufficient light for focusing.
- **Image quality concerns:** Verify ISO settings, aperture, and shutter speed are appropriate for your shooting conditions. Check for lens cleanliness.
- **Memory card errors:** Ensure the memory card is properly inserted and not full. Try formatting the card (this will erase all data).

For more detailed troubleshooting, refer to the full user manual available on the Canon support website.

Specifications

Feature	Detail
Sensor Type	Full Frame (35mm) CMOS
Photo Sensor Resolution	26.2 MP
Image Processor	DIGIC 8
Lens Mount	Canon RF
Compatible Mountings	Canon EF-S, Canon RF
Autofocus System	Dual Pixel CMOS AF
Video Resolution	4K UHD 2160p
Screen Size	3.0 inches
Display Type	Vari-Angle Touch LCD
Connectivity	Bluetooth, HDMI, USB, Wi-Fi

Storage Media	Single Slot: SD/SDHC/SDXC (UHS-II)
Continuous Shooting	5 FPS
Item Weight	0.01 Pounds (Body Only)

Warranty & Support

Manufacturer's Warranty:

The Canon EOS RP comes with a 1-year limited manufacturer's warranty. Please retain your proof of purchase for warranty claims.

Optional Protection Plans:

Extended protection plans are available for purchase, including a 3-Year Protection Plan and a monthly Complete Protect plan. These plans offer additional coverage beyond the standard manufacturer's warranty.

Customer Support:

For further assistance, technical support, or service inquiries, please visit the official Canon support website or contact their customer service.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question