Sony ILCE7CM2/S

Sony Alpha 7C II Full-Frame Interchangeable Lens Camera Instruction Manual

Model: ILCE7CM2/S

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1. Introduction

Welcome to the world of advanced photography with your new Sony Alpha 7C II Full-Frame Interchangeable Lens Camera. This manual provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance and longevity. The α7C II combines a compact, lightweight design with powerful full-frame capabilities, making it an ideal tool for both stills and movies. Its cutting-edge capture technology, including a 33.0MP Exmor R CMOS sensor and BIONZ XR processing power, delivers exceptional image quality and advanced subject recognition.

2. What's in the Box

Upon unboxing your Sony Alpha 7C II, please ensure all components are present:

- Sony Alpha 7C II Camera Body
- Rechargeable Battery
- Shoulder Strap
- Body Cap
- Accessory Shoe Cap
- USB-C Cable

- Instruction Manual (this document)



Image: The Sony Alpha 7C II camera body, showcasing its compact design and E-mount lens interface.

3. Setup

3.1. Attaching the Lens

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the white index mark on the lens with the white index mark on the camera body.
3. Mount the lens by turning it clockwise until it clicks into place.

3.2. Inserting the Battery and Memory Card

1. Open the battery/memory card cover located at the bottom of the camera.
2. Insert the battery with the correct orientation until it locks.
3. Insert a compatible SD card into the memory card slot until it clicks.
4. Close the cover securely.

3.3. Charging the Battery

Connect the camera to a power source using the supplied USB-C cable and a USB AC adapter (sold separately) to charge the battery. The charging indicator will light up during charging and turn off when complete.



Image: Side view of the Sony Alpha 7C II, showing the grip and port covers.

4. Operating the Camera

4.1. Power On/Off

To power on the camera, slide the ON/OFF switch located on the top plate. To power off, slide it back to OFF.

4.2. Basic Shooting Modes

Rotate the mode dial to select your desired shooting mode (e.g., Program Auto, Aperture Priority, Shutter Priority, Manual, Movie). The α7C II offers a dedicated quick switch for seamless transitions between photo, movie, and S&Q (Slow & Quick) modes.



Image: Top view of the Sony Alpha 7C II, highlighting the mode dial and power switch.

4.3. Autofocus and Tracking

The camera features an advanced AI Processor for superior subject recognition and tracking. Utilize the Real-time Tracking AF-ON button to activate and maintain focus on moving subjects. The touchscreen allows for intuitive touch focus and tracking selection.



Image: A visual representation of the camera's AI tracking autofocus in action, showing a subject in sharp focus.

4.4. Video Recording

Press the dedicated movie button to start and stop video recording. The α7C II supports outstanding 4K 4:2:2 10-bit movie recording up to 60p/50p, offering high-quality video capture. The vari-angle LCD monitor allows for flexible shooting angles, including vlogging.



Image: Rear view of the Sony Alpha 7C II, displaying the articulating LCD screen and control layout.

5. Key Features

- **33.0MP Full-Frame Exmor R CMOS Sensor:** Delivers high-resolution images with excellent low-light performance.
- **BIONZ XR Processing Engine:** Provides exceptional image quality, fast processing, and realistic color reproduction.
- **Dedicated AI Processor:** Enhances subject recognition and tracking for precise autofocus.
- **5-axis In-Body Image Stabilization:** Offers up to 7.0 stops of shake compensation for sharp handheld shots.
- **4K 4:2:2 10-bit Video Recording:** High-quality video capabilities for professional-grade footage.
- **Vari-angle LCD Monitor:** Flexible screen for diverse shooting angles and self-recording.
- **Compact and Lightweight Design:** Ideal for travel and everyday use without compromising performance.



Image: Close-up of the Sony Exmor R CMOS sensor, highlighting its advanced technology for image capture.

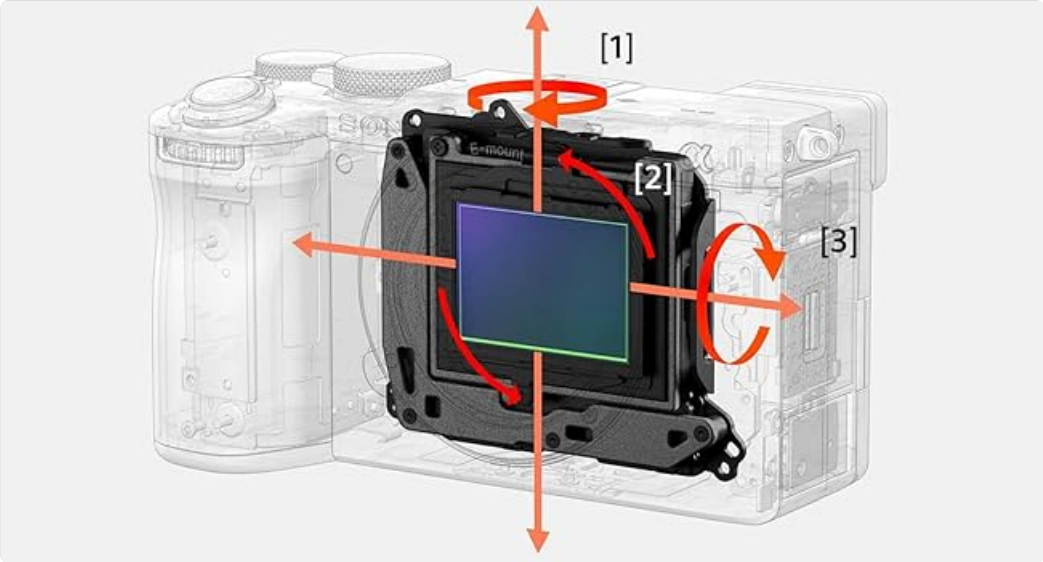


Image: Diagram illustrating the 5-axis in-body image stabilization system, showing how the sensor moves to compensate for camera shake.

6. Maintenance

6.1. Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For the lens, use a lens brush to remove dust, then a lens cleaning cloth with lens cleaning fluid.
- Avoid touching the sensor directly. If cleaning is necessary, use a sensor cleaning kit or consult a professional.

6.2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging batteries for extended periods.
- Charge batteries regularly, even if not in use, to maintain their lifespan.

7. Troubleshooting

7.1. Camera Not Powering On

- Ensure the battery is fully charged and correctly inserted.
- Try using a different, fully charged battery if available.

7.2. Blurry Images

- Check that the lens is securely attached.
- Verify autofocus settings are appropriate for your subject.
- Ensure sufficient lighting or adjust ISO settings.
- Utilize the in-body image stabilization for handheld shots.

7.3. Video Recording Issues

- Ensure the memory card has sufficient free space and is fast enough for 4K recording (UHS-I Speed Class 3 or higher recommended).
- Check for overheating warnings; prolonged 4K recording can generate heat.

8. Specifications

Feature	Detail
Model Name	Sony Alpha 7C II (ILCE7CM2/S)
Sensor Type	33.0MP Full-Frame Exmor R CMOS
Image Stabilization	5-axis Sensor-shift (up to 7.0 stops)
Video Resolution	4K 4:2:2 10-bit up to 60p/50p
Autofocus Points	759 (Phase Detection)
Screen Size	3-inch Articulating Touchscreen LCD
Connectivity	Bluetooth, Wi-Fi, USB-C, HDMI (Type D Micro)
Item Weight	15.2 Ounces (Body Only)

9. Warranty & Support

9.1. Manufacturer's Warranty

This Sony Alpha 7C II camera comes with a**1-year limited manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your product packaging or visit the official Sony support website.

9.2. Product Support

For further assistance, technical support, or service inquiries, please visit the official Sony support website or contact Sony customer service. Online resources include FAQs, driver downloads, and additional instructional materials.

Visit the Sony Store for more information and accessories.

10. Official Product Videos

Sony Alpha 7C II Camera Review

Your browser does not support the video tag.

Video: A comprehensive review of the Sony Alpha 7C II camera, detailing its features and performance.

Design updates of Sony A7c vs. A7c II

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Video: A comparison highlighting the design updates between the Sony A7C and A7C II models.

Take a Closer Look - Sony Alpha 7C II Full-Frame Camera

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Video: A detailed overview of the Sony Alpha 7C II, showcasing its various features and capabilities.

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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.

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