

Sony A7R V

Sony A7R V Digital Camera User Manual

Comprehensive Guide for Setup, Operation, and Maintenance

INTRODUCTION

Welcome to the user manual for your Sony A7R V digital camera. This guide is designed to help you understand and utilize the full capabilities of your camera, from initial setup to advanced photographic techniques. By following these instructions, you will be able to capture stunning, high-quality images and videos with confidence.

The Sony A7R V is a high-resolution mirrorless camera engineered for professional photographers and enthusiasts seeking exceptional image quality, advanced autofocus performance, and robust video capabilities. This manual will serve as your essential reference for mastering its features.

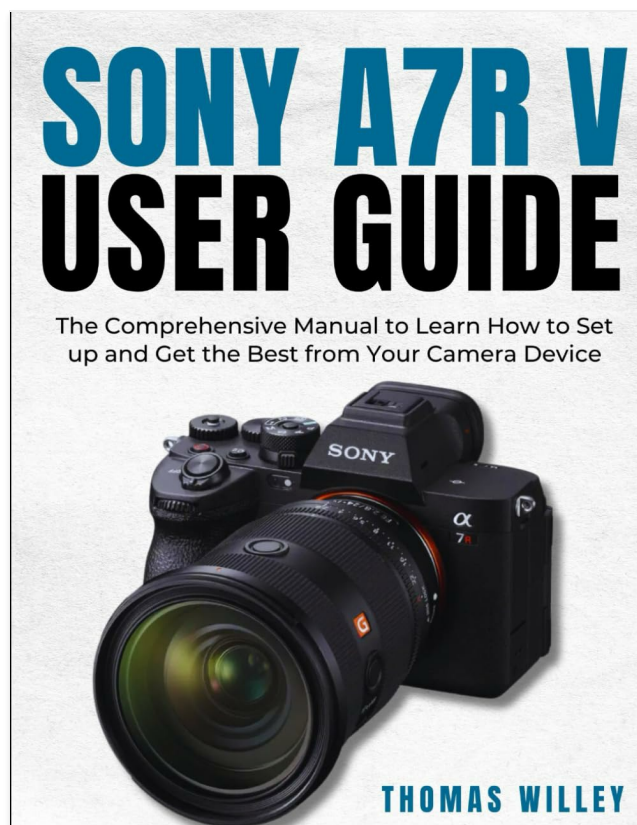


Image: Front cover of the Sony A7R V User Guide, featuring the Sony A7R V camera. This image represents the comprehensive resource available for understanding your camera.

IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using your Sony A7R V camera. Keep this manual for future reference.

- **Battery Safety:** Use only genuine Sony batteries and chargers. Do not expose batteries to excessive heat or direct sunlight.
- **Water and Moisture:** This camera is not waterproof. Avoid exposure to rain, moisture, or high humidity to prevent damage.
- **Handling:** Handle the camera with care. Avoid dropping or subjecting it to strong vibrations.
- **Cleaning:** Use a soft, dry cloth for cleaning. For lenses and sensors, use specialized cleaning tools.
- **Disassembly:** Do not attempt to disassemble or modify the camera. Refer all servicing to qualified personnel.

SETUP GUIDE

1. Unpacking and Initial Inspection

Carefully remove all items from the packaging. Verify that all components are present:

- Sony A7R V Camera Body
- Rechargeable Battery Pack (NP-FZ100)
- Battery Charger
- USB-C Cable
- Shoulder Strap
- Body Cap
- Eyepiece Cup

2. Charging the Battery

1. Insert the battery into the supplied battery charger.
2. Connect the charger to a power outlet using the AC power cord.
3. The charging indicator lamp will illuminate. It will turn off when charging is complete.
4. A full charge typically takes approximately 150 minutes.

3. Inserting the Battery and Memory Card

Open the battery/memory card cover on the bottom of the camera.

Battery: Insert the charged battery pack with the orange lock lever engaged.

Memory Card: Insert a compatible SD card (UHS-I/II recommended) or CFexpress Type A card into the appropriate slot until it clicks. Ensure the card is facing the correct direction.

4. Attaching a Lens

Align the white index mark on the lens with the white index mark on the camera body. Rotate the lens clockwise until it clicks into place.

5. Initial Settings

Upon first power-on, the camera will prompt you to set the following:

- Language
- Date and Time
- Time Zone

Follow the on-screen instructions to complete these settings.

OPERATING THE CAMERA

1. Power On/Off

Slide the power switch located around the shutter button to the "ON" position to power on the camera. Slide it back to "OFF" to power off.

2. Basic Shooting Modes

Rotate the Mode Dial to select your desired shooting mode:

- **P (Program Auto):** Camera automatically sets aperture and shutter speed.
- **A (Aperture Priority):** You set the aperture, camera sets shutter speed. Ideal for controlling depth of field.
- **S (Shutter Priority):** You set the shutter speed, camera sets aperture. Ideal for controlling motion blur.
- **M (Manual Exposure):** You control both aperture and shutter speed.
- **Auto:** Fully automatic mode for simple point-and-shoot operation.
- **Movie:** Dedicated mode for video recording.

3. Focusing

The A7R V features advanced autofocus systems. Use the AF-ON button or half-press the shutter button to focus.

- **AF-S (Single-shot AF):** For still subjects. Focus locks once achieved.
- **AF-C (Continuous AF):** For moving subjects. Focus continuously adjusts.
- **DMF (Direct Manual Focus):** Allows fine-tuning focus manually after autofocus.
- **MF (Manual Focus):** Full manual control over focus.
- **Real-time Tracking:** Utilizes AI-based subject recognition for highly accurate tracking of various subjects.

4. Exposure Settings (ISO, Shutter Speed, Aperture)

Adjust these settings using the front/rear dials and the control wheel, depending on your selected shooting mode.

- **ISO:** Controls sensor sensitivity to light. Higher ISO for darker conditions, but may introduce noise.
- **Shutter Speed:** Controls the duration the sensor is exposed to light. Fast speeds freeze motion, slow speeds create motion blur.
- **Aperture:** Controls the size of the lens opening. Wider aperture (smaller f-number) creates shallower depth of field.

5. Menu Navigation

Press the **MENU** button to access the camera's extensive menu system. Use the control wheel and joystick to navigate, and the center button to select. The touch screen also allows for intuitive menu operation.

MAINTENANCE

1. Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water.
- **Lens:** Use a lens brush to remove dust, then a lens cleaning cloth with lens cleaning solution.
- **Image Sensor:** If dust spots appear in images, use a blower brush to gently remove dust. For persistent spots, professional sensor cleaning is recommended.
- **LCD Screen/Viewfinder:** Use a soft, lint-free cloth.

2. Storage

When not in use for extended periods, store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. Remove the battery to prevent leakage.

TROUBLESHOOTING

If you encounter issues with your Sony A7R V, refer to the common problems and solutions below. If the problem persists, contact Sony customer support.

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or incorrectly inserted.	Charge the battery fully. Reinsert the battery correctly.
Images are blurry.	Incorrect focus, camera shake, or dirty lens.	Ensure proper focus mode. Use a faster shutter speed or tripod. Clean the lens.
Memory card error.	Card is full, corrupted, or incompatible.	Delete unnecessary files or use a new card. Format the card (this will erase all data). Ensure card compatibility.
Flash does not fire.	Flash mode is off, or battery is low.	Check flash settings. Recharge battery.

SPECIFICATIONS (KEY FEATURES)

Below are some of the key technical specifications for the Sony A7R V. For a complete list, please refer to the official Sony website.

- **Sensor:** Approx. 61.0 MP Full-frame Exmor R CMOS sensor
- **Image Processor:** BIONZ XR™
- **Autofocus:** AI processing unit for advanced Real-time Recognition AF
- **Video Recording:** Up to 8K 24p/25p, 4K 60p/50p
- **Image Stabilization:** 5-axis in-body image stabilization (up to 8.0 stops)
- **Viewfinder:** 9.44 million-dot OLED EVF
- **LCD Monitor:** 3.2-inch 4-axis multi-angle touch LCD
- **Connectivity:** Wi-Fi, Bluetooth, USB-C, HDMI
- **Storage:** Dual CFexpress Type A / SD card slots

WARRANTY AND SUPPORT

Warranty Information

Your Sony A7R V camera comes with a limited manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including coverage duration and limitations. Retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, service, or further information, please visit the official Sony support website or contact your regional Sony customer service center. You can find contact details and FAQs at:

www.sony.com/electronics/support

When contacting support, please have your camera's model name (ILCE-7RM5) and serial number ready.