

Sony ZV-E10L

Sony Alpha ZV-E10L Mirrorless Vlog Camera Instruction Manual

Model: ZV-E10L

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Sony Alpha ZV-E10L mirrorless vlog camera. Please read this manual thoroughly before operating the camera and retain it for future reference.

The Sony Alpha ZV-E10L is an interchangeable-lens mirrorless camera designed for video content creation, featuring a large APS-C sensor, 4K movie recording capabilities, advanced autofocus, and clear audio capture.



Image: Front view of the Sony Alpha ZV-E10L camera with the 16-50mm kit lens attached.

2. SAFETY INFORMATION

To prevent fire, electric shock, or product damage, observe the following safety precautions:

- Do not expose the camera to rain or moisture.
- Do not open the camera casing. Refer servicing to qualified personnel only.
- Use only specified power sources and accessories.
- Keep the camera away from direct sunlight, heat sources, and excessive dust.
- Handle the lens and image sensor with care. Avoid touching them directly.

3. WHAT'S IN THE BOX

Verify that all the following items are included with your Sony Alpha ZV-E10L camera:

- Sony Alpha ZV-E10L Camera Body
- SELP1650 (16-50mm) Lens

- Rechargeable Battery NP-FW50
- AC Adaptor
- Shoulder Strap
- USB-A to USB-C Cable (USB 2.0)
- Wind Screen
- Wind Screen Adaptor
- Lens Cap
- Power Cord

WHAT'S IN THE BOX



SEL1650

Rechargeable Battery NP-FW50

AC Adaptor

Shoulder strap

USB-A to USB-C cable (USB 2.0)

Wind Screen

Wind Screen Adaptor

Wind Screen Body Cap

Power Cord

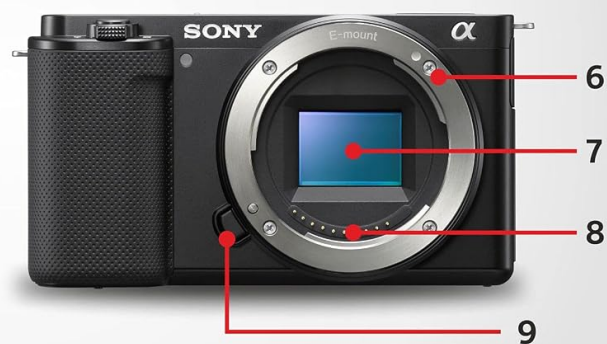
Image: Visual representation of the items included in the product packaging.

4. PARTS IDENTIFICATION

4.1 Front and Top View



1. Shutter Button
2. W/T (Zoom) Lever / Playback Zoom Lever
3. Self-Timer / Recording Indicator
4. Lens
5. Wind Screen

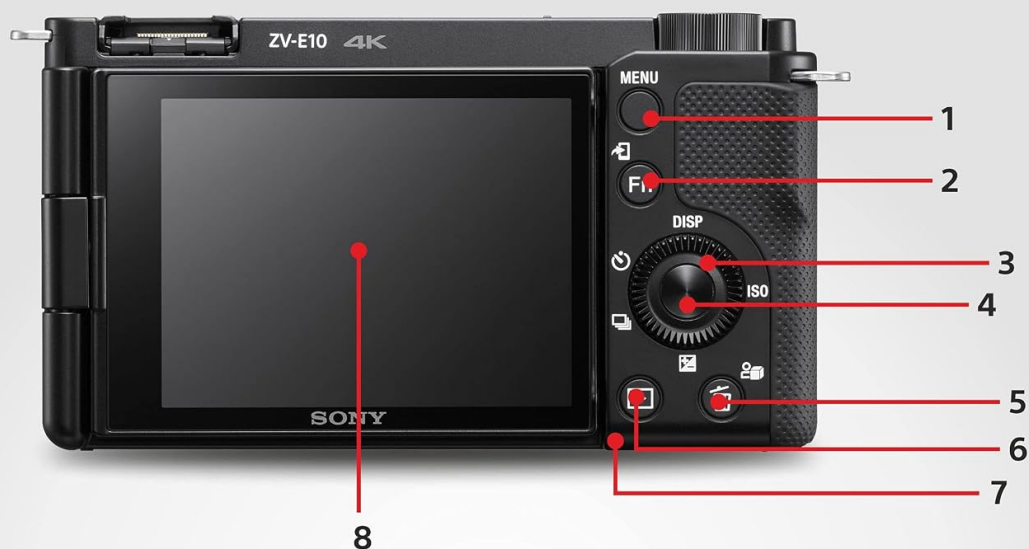


*Do not directly touch these parts. For details on compatible accessories for the Image Sensor and Lens Contacts, please visit the Sony India website

Image: Front-top-left view of the ZV-E10L camera with numbered labels.

1. Shutter Button
2. W/T (Zoom) Lever / Playback Zoom Lever
3. Self-Timer / Recording Indicator
4. Lens
5. Wind Screen
6. Mount
7. Image Sensor
8. Lens Contacts
9. Lens Release Button

4.2 Rear View



1. Menu Button
2. Function Button
3. Control Wheel
4. Center Button
5. 🗑️ (Delete) Button/ 📷 (Product Showcase Set) Button
6. ▶️ (Playback) Button
7. Access Lamp
8. Monitor/Touch Panel

Image: Rear view of the ZV-E10L camera with numbered labels.

1. Menu Button
2. Function Button
3. Control Wheel
4. Center Button
5. (Delete) Button / (Product Showcase Set) Button
6. (Playback) Button
7. Access Lamp
8. Monitor/Touch Panel

4.3 Top Panel



1. Image Sensor Position Mark
2. Hook for Shoulder Strap
3. Multi Interface Shoe*
4. Internal Microphone
5. On/off (Power) Switch
6. Still/Movie/s&q Button
7. C1 / Custom Button

*For details on compatible accessories for the Multi Interface Shoe, please visit the Sony India website

Image: Top view of the ZV-E10L camera with numbered labels.

1. Image Sensor Position Mark
2. Hook for Shoulder Strap
3. Multi Interface Shoe
4. Internal Microphone
5. On/off (Power) Switch
6. Still/Movie/S&Q Button
7. C1 / Custom Button

4.4 Bottom Panel



1. Battery & Memory Card Cover
2. Internal Speaker
3. Tripod Socket*

*Supports 1/4-20 UNC screws. Use a tripod with a screw less than 5.5 mm (7/32 inches) long. Otherwise, you cannot firmly secure the camera, and damage to the camera may occur. For details on compatible accessories for the Tripod Socket Hole, please visit the Sony India website

Image: Bottom view of the ZV-E10L camera with numbered labels.

1. Battery & Memory Card Cover
2. Internal Speaker
3. Tripod Socket

4.5 Side Panel (Ports)



1. Microphone Input Jack
2. USB Type-C Terminal*
3. Charging Indicator
4. HDMI Micro Jack
5. Headphone Jack

*For details on compatible accessories for the USB Type-C terminal, please visit the Sony India website

Image: Side view of the ZV-E10L camera showing various input/output ports.

1. Microphone Input Jack
2. USB Type-C Terminal
3. Charging Indicator
4. HDMI Micro Jack
5. Headphone Jack

5. SETUP

5.1 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. Insert the lens into the camera mount and rotate it clockwise until it clicks into place.

5.2 Inserting the Battery and Memory Card

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

2. Insert the NP-FW50 battery with the correct orientation until it locks.
3. Insert an SD card into the memory card slot until it clicks. Ensure the card is facing the correct direction.
4. Close the battery/memory card cover.

5.3 Charging the Battery

1. Connect the camera to the AC adaptor using the supplied USB-A to USB-C cable.
2. Plug the AC adaptor into a wall outlet.
3. The charging indicator will light up during charging and turn off when complete.

5.4 Initial Settings

Upon first power-on, the camera will prompt you to set the language, date, time, and region. Follow the on-screen instructions using the control wheel and center button.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Slide the **On/off (Power) Switch** to turn the camera on or off.

6.2 Basic Still Image Capture

1. Set the **Still/Movie/S&Q Button** to the still image mode.
2. Frame your shot using the vari-angle LCD screen.
3. Press the **Shutter Button** halfway to focus, then press fully to capture the image.

6.3 4K Movie Recording

The ZV-E10L supports 4K video recording with oversampling for enhanced detail.

1. Set the **Still/Movie/S&Q Button** to the movie mode.
2. Press the dedicated **Movie Recording Button** to start and stop recording.
3. The vari-angle LCD screen can be flipped out for easy self-recording and framing.



Impressive **4K Movies** / Full HD Recording at 120 fps

Image: The ZV-E10L camera capturing 4K video, with the vari-angle screen visible.

6.4 Advanced Autofocus Features

The camera features advanced autofocus capabilities, including Real-time Eye AF and Continuous Eye Tracking, to maintain sharp focus on subjects.



Real-time Eye AF with Continuous Eye Tracking

Image: A visual representation of Real-time Eye AF actively tracking a subject's eye.

6.5 Background Defocus (Bokeh)

Achieve a blurred background effect with ease using the dedicated Bokeh Switch Button.

1. Press the **C1 / Custom Button** (often assigned as the Bokeh Switch) to toggle background defocus on or off.
2. The camera will automatically adjust settings to create a pleasing background blur.



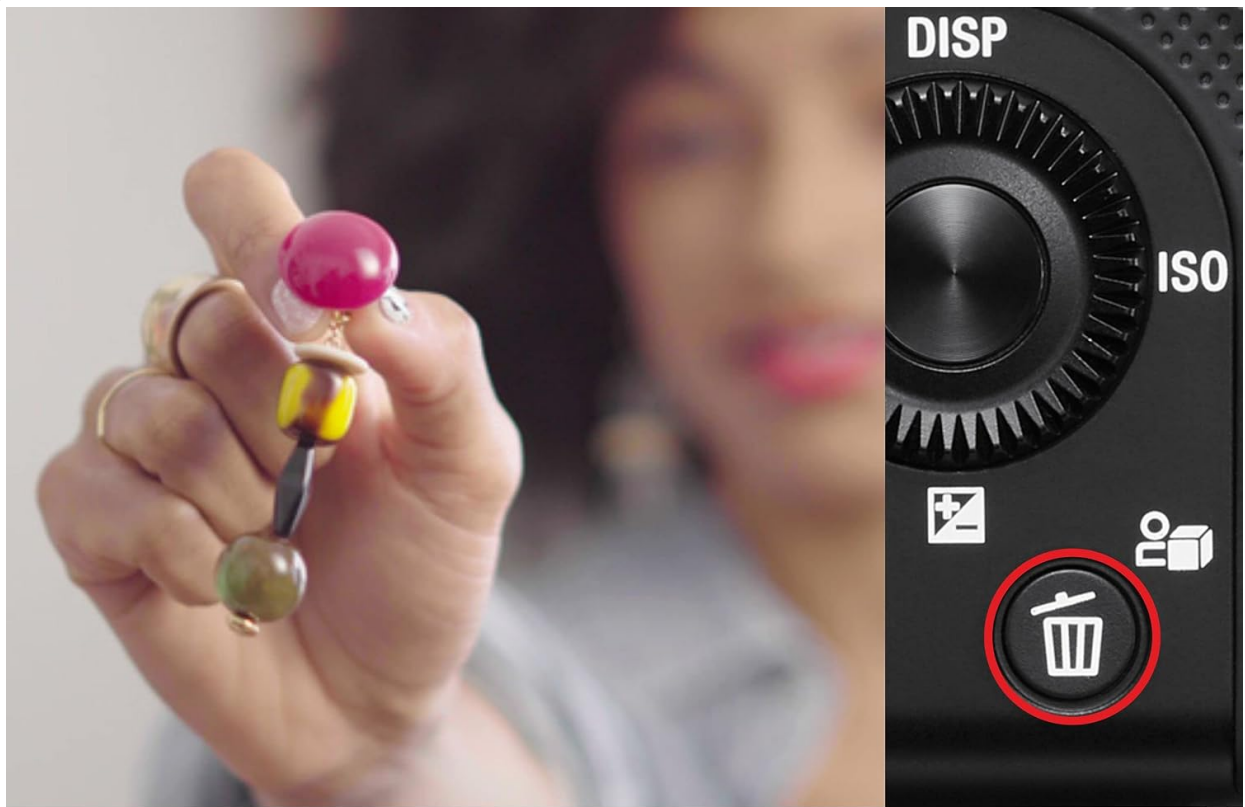
Easy **Background Blur** (Bokeh) with Single Press of a Button

Image: Close-up of the camera's top panel, highlighting the C1 button for background blur.

6.6 Product Showcase Setting

This mode allows for quick and smooth focus transitions between a presenter's face and a product being shown to the camera.

1. Activate the Product Showcase Setting via the menu or a custom button (e.g., the **Delete** Button / **(Product Showcase Set) Button**).
2. When a product is brought into the frame, the camera will automatically shift focus to the product, then back to the presenter's face when the product is removed.



Precise **Focus Transition** (Between Face & the Product) with Product Showcase Mode

Image: Illustrates the focus transition capability of the Product Showcase Mode.

6.7 USB Streaming

The ZV-E10L can be used as a high-quality webcam for live streaming or video conferencing by connecting it to a computer via USB.

1. Connect the camera to your computer using the supplied USB-A to USB-C cable.
2. On the camera, select the "Live Stream" or "USB Streaming" option from the menu.
3. Your computer should recognize the camera as a webcam.



4K HDR	24.2 Mega Pixels BIONZ X	Real Time Eye Af Still / Video	Real Time Tracking	Vari-angle Lcd	Electronic Image Stabilization
Built-in Directional 3-capsule Mic	Bokeh Switch Button	Product Showcase Setting	Still/ Movie/ S&q Button	Recording Lamp/red Frame	USB Streaming

Image: Rear view of the ZV-E10L display, showing the "USB Streaming" option highlighted in the menu.



Live Stream Like a Pro

Image: A person using the ZV-E10L camera for live streaming, connected to a laptop.

6.8 Interchangeable Lenses

The Sony ZV-E10L is compatible with a wide range of Sony E-mount lenses, allowing for diverse creative expression.



Compatible with a Wide Range of Lenses to Expand your Visual Expression

Image: A person holding the ZV-E10L camera and a separate lens, demonstrating the interchangeable lens capability.

7. MAINTENANCE

7.1 Cleaning the Camera Body

Wipe the camera body gently with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water and then wipe dry.

7.2 Cleaning the Lens and Image Sensor

Use a blower brush to remove dust from the lens surface and image sensor. For more persistent smudges on the lens, use a lens cleaning solution and a soft lens cloth. *Never touch the image sensor directly.*

7.3 Storage

When not in use for extended periods, remove the battery and store the camera in a cool, dry place away from dust and moisture. Use desiccant packets if storing in humid environments.

8. TROUBLESHOOTING

8.1 Camera Does Not Turn On

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

8.2 Images Are Blurry

- Check if the lens is clean and free from smudges.
- Ensure the camera is properly focused on the subject.
- Verify that the shutter speed is appropriate for the lighting conditions to avoid camera shake.

8.3 Battery Drains Quickly

- Reduce screen brightness.
- Turn off Wi-Fi or Bluetooth when not in use.
- Consider purchasing additional NP-FW50 batteries for extended use.

8.4 No Sound in Recorded Videos

- Check camera audio settings to ensure recording is enabled.
- Ensure the internal microphone is not obstructed.
- If using an external microphone, verify it is properly connected and functioning.

For further troubleshooting, refer to the camera's on-screen help guide or the Sony support website.

9. SPECIFICATIONS



Sensor type	Pixcel count	Weight
APS-C type Exmor CMOS sensor	Approx. 24.2 MP (effective)	Approx. 343 g (with battery & memory card)

Image: Diagram showing key physical and sensor specifications of the ZV-E10L.

Feature	Specification
Model Name	ZV-E10L
Sensor Type	APS-C type Exmor CMOS sensor
Effective Still Resolution	24.2 MP
Video Capture Resolution	2160p (4K)
Lens Mount	Sony E-mount
Included Lens	16-50mm (SELP1650)
Image Stabilization	Optical (Lens-based)
Autofocus Technology	Hybrid (425 AF points)
Display Type	3-inch Vari-angle LCD

Feature	Specification
Continuous Shooting Speed	11 FPS
Connectivity	USB Type-C, HDMI Micro, Wi-Fi
Battery Type	NP-FW50 Lithium Ion
Item Weight	343 Grams (with battery & memory card)
Dimensions (W x H x D)	Approx. 115.2 x 64.2 x 44.8 mm

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This product comes with a **2-year manufacturer warranty**. An additional 1-year extended warranty may be available upon registration on the Alpha Community website.

10.2 Customer Support

For technical assistance, service, or inquiries, please contact Sony customer support:

- **Customer Care Number:** 080 6500 6500
- **Email:** Sonyindia.care@ap.sony.com
- **Importer Contact:** Sony India Private Limited, A-18, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi 110044, India
- **Manufacturer:** Sony Imaging Products & Solutions Inc., 1-7-1 Konan, Minato-KU, Tokyo 108-0075, Japan