

Sony SEL55210

Sony E 55-210mm F4.5-6.3 OSS Lens (SEL55210) Instruction Manual

Model: SEL55210

1. PRODUCT OVERVIEW

The Sony E 55-210mm F4.5-6.3 OSS Lens (SEL55210) is a versatile telephoto zoom lens designed for Sony E-Mount cameras. It offers a broad focal range, equivalent to 82.5mm to 315mm on a 35mm format, making it suitable for capturing distant subjects, sports, and wildlife. This lens incorporates Optical SteadyShot (OSS) image stabilization to ensure sharp, blur-free images even when shooting handheld in challenging conditions.

Key Features:

- Wide zoom range (82.5mm - 315mm 35mm equivalent) ideal for sports or nature photography.
- Built-in Optical SteadyShot image stabilization for stable video capture and improved low-light performance.
- Internal focusing mechanism ensures smooth, quiet operation, beneficial for video recording.
- Direct manual focus with a non-rotating focus ring allows for precise manual adjustments.
- Features ED (Extra-low Dispersion) glass to reduce chromatic aberration and enhance contrast.
- Circular aperture blades contribute to smooth, natural background defocusing (bokeh).
- Accepts 49mm filters.

2. SETUP

Attaching the Lens:

1. Remove the rear lens cap and the camera body cap.
2. Align the white index mark on the lens barrel with the white index mark on the camera body.
3. Mount the lens by rotating it clockwise until it clicks into place. Do not force the lens.



Image: The Sony E 55-210mm F4.5-6.3 OSS Lens (black) mounted on a black Sony E-Mount camera body.

Detaching the Lens:

1. While holding down the lens release button on the camera body, rotate the lens counter-clockwise until it stops.
2. Carefully remove the lens from the camera body.
3. Attach the front and rear lens caps to protect the lens elements.



Image: The Sony E 55-210mm F4.5-6.3 OSS Lens (black) shown detached, with both lens caps.

3. OPERATING THE LENS

Zoom Function:

To adjust the focal length, rotate the zoom ring on the lens barrel. The lens allows for a smooth transition between 55mm (medium telephoto) and 210mm (telephoto) to frame your subject as desired. The lens extends physically when zoomed to longer focal lengths.



Image: The Sony E 55-210mm F4.5-6.3 OSS Lens (black) fully extended on a black Sony E-Mount camera body, demonstrating its maximum zoom length.

Focusing:

The lens features an internal focusing system, which means the front of the lens does not rotate during autofocus, making it convenient for using polarizing filters. It provides smooth and quiet autofocus, ideal for both still photography and video recording. For precise control, you can switch to Direct Manual Focus (DMF) and rotate the focus ring to fine-tune your focus.

Optical SteadyShot (OSS) Image Stabilization:

The built-in Optical SteadyShot image stabilization system uses gyro sensors to detect camera movement and precisely shifts lens elements to counteract blur. This feature is particularly effective when shooting handheld at longer focal lengths (telephoto end) or in low-light conditions, helping you achieve sharper images and more stable video footage.

4. MAINTENANCE

Cleaning the Lens:

- Use a lens blower to remove dust and loose particles from the lens surface.
- For smudges or fingerprints, use a soft, lint-free lens cleaning cloth with a small amount of lens cleaning solution. Wipe gently in a circular motion from the center outwards.
- Avoid touching the lens 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 dry, dust-free environment, away from direct sunlight and extreme temperatures.
- If storing for an extended period, consider using a dehumidifying agent to prevent mold growth.

5. TROUBLESHOOTING

Common Issues:

- **Lens not attaching/detaching smoothly:** Ensure the index marks are aligned correctly and the lens release button is fully pressed when detaching. Do not force the lens.
- **Blurry images:** Check your camera's focus settings. Ensure Optical SteadyShot is enabled if shooting handheld, especially in low light or at longer focal lengths. Verify shutter speed is appropriate for the focal length to prevent motion blur.
- **Dust on images:** Clean the lens elements as described in the Maintenance section. If dust persists, it may be on the camera sensor, which requires professional cleaning.
- **Autofocus issues:** Ensure the lens and camera contacts are clean. Check the camera's autofocus mode and settings. In very low light, manual focus may be required.

6. SPECIFICATIONS

Specification	Value
Product Dimensions	4.49 x 4.33 x 7.87 inches
Item Weight	12.2 ounces
Item Model Number	SEL55210/B
Brand	Sony
Focal Length Description	55-210mm
Lens Type	Telephoto
Compatible Mountings	Sony E
Aperture Blades	7
Minimum Focus Distance	3.28 ft
Maximum Magnification Ratio	0.23x
Angle of View (on APS-C)	28.2° - 7.8°
Image Stabilization	Optical SteadyShot (4 Stops Claimed)
Filter Thread Size	49mm

7. WARRANTY AND SUPPORT

Warranty Information:

This product comes with a FULL 14 DAY SATISFACTION GUARANTEE and a FULL 90 DAY PARTS AND LABOR WARRANTY. Please retain your proof of purchase for warranty claims.

Customer Support:

For further assistance, technical support, or warranty inquiries, please visit the official Sony support website or contact their customer service department. You can find contact information and detailed support resources on the

Sony website.