



Manuals.plus /

- › Sigma /
- › Sigma 60-600mm F4.5-6.3 DG OS HSM Camera Lens Instruction Manual

Sigma 730954

Sigma 60-600mm F4.5-6.3 DG OS HSM Camera Lens

INSTRUCTION MANUAL

Model: 730954 | Brand: Sigma

1. Introduction

This manual provides essential information for the safe and effective use of your Sigma 60-600mm F4.5-6.3 DG OS HSM Camera Lens. Please read this manual thoroughly before using the lens and keep it for future reference. This lens is designed to offer a versatile focal range from 60mm to 600mm, suitable for various photographic applications, including wildlife, sports, and landscapes.

2. Product Overview

The Sigma 60-600mm F4.5-6.3 DG OS HSM is a high-performance super-telephoto zoom lens. It features a robust construction, optical stabilization, and advanced optical elements to deliver high image quality across its extensive zoom range.



Figure 2.1: Sigma 60-600mm F4.5-6.3 DG OS HSM Camera Lens with lens hood.



Figure 2.2: Side view of the lens highlighting control switches.



Figure 2.3: Detached lens hood.

3. Setup and Installation

3.1 Attaching the Lens to the Camera

1. Align the lens mount index mark with the corresponding mark on your camera body.
2. Rotate the lens clockwise (for Canon EF mount) until it clicks into place. Ensure it is securely locked.
3. To detach, press the lens release button on the camera body and rotate the lens counter-clockwise.

3.2 Attaching the Lens Hood

- Align the red dot on the lens hood with the red dot on the front of the lens.
- Twist the lens hood clockwise until it locks into position.
- To remove, twist counter-clockwise.

3.3 Using the Tripod Collar

The lens includes a tripod collar for stable mounting on a tripod or monopod, especially recommended due to the lens's weight. The collar allows for rotation of the camera without detaching the lens, facilitating quick changes between horizontal and vertical orientations.

4. Operating the Lens

4.1 Zooming

Rotate the zoom ring to adjust the focal length between 60mm and 600mm. The lens also supports push-pull zooming for rapid focal length changes.

4.2 Focusing

- **Autofocus (AF):** Set the FOCUS mode switch to 'AF'. The lens will automatically focus when the camera's shutter button is half-pressed.
- **Manual Focus (MF):** Set the FOCUS mode switch to 'MF'. Rotate the focus ring to manually adjust focus.
- **Manual Override (MO):** This mode allows for manual focus adjustment even when the lens is set to autofocus, providing fine-tuning capability.

4.3 Focus Limiter

The focus limiter switch allows you to restrict the autofocus range, which can improve autofocus speed when shooting subjects within a specific distance. Options typically include FULL (full range), 6m - ∞ (6 meters to infinity), and 6m - 2.6m (6 meters to 2.6 meters).

4.4 Optical Stabilization (OS)

The Intelligent OS system minimizes camera shake, providing up to 4 stops of stabilization. Set the OS switch to 'ON' for handheld shooting. Different OS modes may be available for various shooting scenarios (e.g., Mode 1 for general use, Mode 2 for panning shots).

4.5 Zoom Lock Switch

Use the zoom lock switch to secure the lens at a desired focal length, preventing zoom creep during transport or when shooting at a fixed focal length.

5. Maintenance and Care

- Keep the lens caps on when not in use to protect the front and rear elements.
- Clean lens surfaces with a soft, lint-free cloth and a specialized lens cleaning solution. Avoid harsh chemicals.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- The lens features a dust and splash-proof construction, but it is not fully waterproof. Avoid exposing it to heavy rain or submersion.

6. Troubleshooting

- **Lens not focusing:** Ensure the camera is set to the correct focus mode (AF/MF) and the lens's focus mode switch matches. Check the focus limiter setting.
- **Blurry images:** Verify that the optical stabilization (OS) is enabled for handheld shots. Check shutter speed and aperture settings. Ensure the lens and camera are clean.
- **Zoom ring stiff:** Ensure the zoom lock switch is disengaged. If the issue persists, contact customer support.

7. Specifications

Feature	Specification
Brand	Sigma
Model Name	730954
Lens Type	Superzoom
Compatible Mountings	Canon EF
Minimum Focal Length	60 Millimeters
Maximum Focal Length	600 Millimeters
Maximum Aperture	f/22
Minimum Aperture	f/32
Focus Type	Auto Focus
Image Stabilization	Optical
Photo Filter Size	105 Millimeters
Item Weight	4 Pounds
Water Resistance Level	Water Resistant
Manufacturer	Sigma Corporation of America

8. Warranty and Support

This product is covered by a manufacturer's warranty. For detailed warranty information, please refer to the documentation included with your purchase or visit the official Sigma website. For technical support, service, or inquiries, please contact Sigma Corporation of America customer service.