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Panasonic S-E100

Panasonic LUMIX S 100mm F2.8 Macro Lens (S-E100) Instruction Manual

1. Product Overview

The Panasonic LUMIX S 100mm F2.8 Macro Lens (model S-E100) is a compact and lightweight medium-telephoto fixed focal length macro lens designed for full-frame L-mount cameras. Weighing approximately 298g, it offers exceptional mobility for various shooting scenarios, from close-up macro photography to natural portraits. This lens features a constant F2.8 aperture, providing excellent low-light performance and the ability to create beautiful bokeh. Its new optical design and newly developed linear motor ensure high resolution and outstanding photographic performance across the entire image area, from center to edges.



Image 1: The Panasonic LUMIX S 100mm F2.8 Macro Lens.



Image 2: Front view of the lens, highlighting the optical elements.



Image 3: Side view of the lens, showing its compact form factor.

2. Key Features

- **Compact and Lightweight Design:** Impressively small and light (approximately 298g), making it highly portable for various shooting locations.
- **High Resolution and Outstanding Photographic Performance:** Delivers sharp images from the center to the edges, capturing intricate details and producing unique bokeh effects characteristic of medium-telephoto macro lenses.
- **Optimal Video Functionality:** Operates silently due to a Dual Phase Linear Motor, which suppresses focus breathing, ensuring undisturbed video production.
- **Workflow Efficiency Through Unified Design:** Designed to align with other S series lenses for consistent operation and descriptive performance, streamlining post-production workflows.



Image 4: The LUMIX S 100mm F2.8 Macro Lens, showcasing its sleek design.



Image 5: Example macro photography demonstrating the lens's detail capture.



Image 6: Size comparison illustrating the compact nature of the LUMIX S 100mm F2.8 Macro Lens.



Image 7: Another macro example, showcasing the lens's ability to render fine textures.

3. Setup and Installation

This lens is compatible with L-mount camera systems. Ensure your camera body has an L-mount for proper attachment.

Attaching the Lens

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

Detaching the Lens

1. While pressing the lens release button on the camera body, rotate the lens counter-clockwise.
2. Once detached, immediately attach the front and rear lens caps to protect the lens elements.

4. Operating the Lens

The LUMIX S 100mm F2.8 Macro Lens features several controls to optimize your shooting experience.

Focus Ring

The wide, ribbed ring on the front of the lens is the focus ring. In manual focus (MF) mode, rotate this ring to

adjust the focus. The smooth operation allows for precise control.

AF/MF Switch

Located on the side of the lens, this switch allows you to toggle between Autofocus (AF) and Manual Focus (MF) modes. Select AF for automatic focusing by the camera or MF for manual control using the focus ring.

Focus Limiter Switch

Adjacent to the AF/MF switch, the focus limiter switch helps to speed up autofocus performance by restricting the focus range. It has three settings:

- **FULL:** Allows the lens to focus across its entire range (0.204m to infinity). Use this for general photography.
- **0.5m-∞:** Limits the focus range from 0.5 meters to infinity. Useful for portraits or subjects that are not extremely close, improving autofocus speed.
- **0.204-0.5m:** Restricts the focus range to close-up distances, from 0.204 meters to 0.5 meters. Ideal for dedicated macro photography to achieve faster and more accurate close focusing.



Image 8: View of the lens controls, including the focus ring and switches.

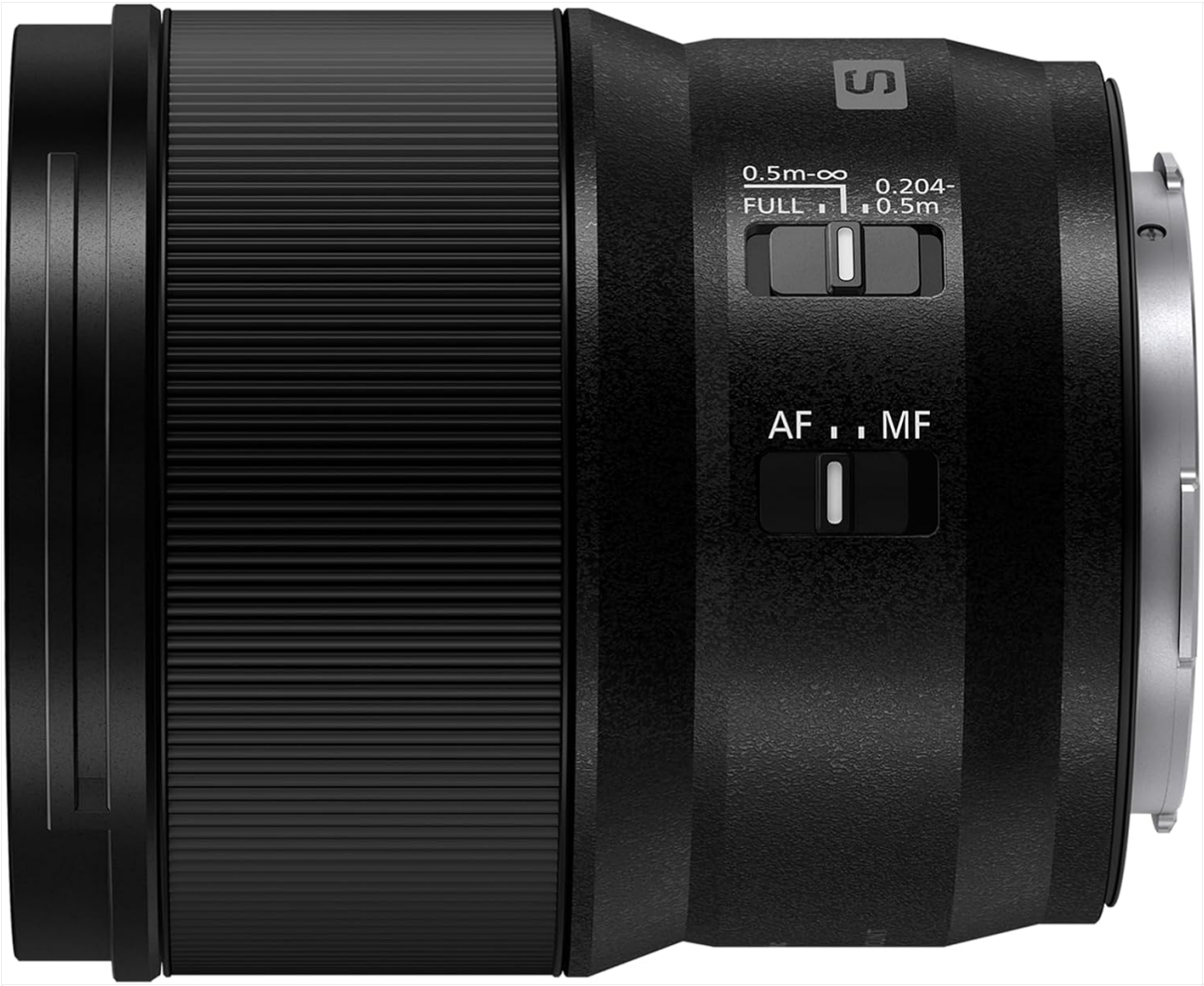


Image 9: Close-up of the AF/MF and focus limiter switches on the lens barrel.

5. Maintenance and Care

Proper care and maintenance will ensure the longevity and optimal performance of your lens.

Cleaning

- Use a soft, lint-free cloth to gently wipe dust and smudges from the lens surface.
- For stubborn marks, use a lens cleaning solution specifically designed for optical elements, applied to a cleaning cloth, not directly to the lens.
- Avoid touching the lens elements with bare hands.

Storage

- Always attach the front and rear lens caps when the lens is not in use.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, consider using a dehumidifying cabinet to prevent mold growth.

Included Accessories

- Lens cap
- Lens rear cap
- Lens hood

6. Troubleshooting

If you encounter issues with your lens, consider the following common troubleshooting steps:

- **Lens not attaching securely:** Ensure the index marks are aligned correctly and rotate until a click is heard. Do not force.
- **Autofocus not working:** Check if the AF/MF switch is set to AF. Ensure the focus limiter switch is set to FULL or an appropriate range for your subject distance. Clean the electrical contacts on both the lens and camera body.
- **Image quality issues (e.g., blurry images):** Verify that the lens elements are clean and free from smudges. Ensure proper focus is achieved. Check camera settings for aperture, shutter speed, and ISO.
- **Lens not recognized by camera:** Detach and reattach the lens. Clean the electrical contacts on both the lens and camera body. Ensure your camera's firmware is up to date.

If problems persist, consult the camera body's instruction manual or contact Panasonic customer support.

7. Specifications

Specification	Detail
Product Dimensions	3.23 x 2.9 x 2.9 inches
Item Weight	1.24 pounds
ASIN	B0CRSNV73W
Item Model Number	13 elements in 11 groups
Brand	Panasonic
Focal Length Description	100mm F2.8 with 1:1 life-size magnification
Lens Type	Macro
Compatible Mountings	Leica L
Camera Lens Description	100mm

8. Warranty and Support

This Panasonic LUMIX S 100mm F2.8 Macro Lens (S-E100) is covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Panasonic website.
For technical support, service, or additional product information, please visit thePanasonic Store or contact Panasonic customer service directly.

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