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Panasonic H-HS043

Panasonic LUMIX G 42.5mm F1.7 ASPH. POWER OIS Lens Instruction Manual

Model: H-HS043-K

Introduction

Thank you for purchasing the Panasonic LUMIX G 42.5mm F1.7 ASPH. POWER OIS lens. This high-performance prime lens is designed for Micro Four Thirds system cameras, offering a bright F1.7 aperture for excellent low-light performance and beautiful bokeh. It features POWER O.I.S. (Optical Image Stabilizer) for sharp, blur-free images and a fast 240fps Drive AF system for precise focusing. This manual provides essential information for the proper use, maintenance, and care of your lens.

Safety Precautions

- Do not expose the lens to direct sunlight for extended periods, as this may cause internal damage or fire.
- Avoid dropping or subjecting the lens to strong impacts.
- Keep the lens away from water and moisture. This lens is not water resistant.
- Do not attempt to disassemble or modify the lens. Repairs should only be performed by qualified service personnel.
- Keep out of reach of children.

Package Contents

Please ensure all the following items are included in your package:

- Panasonic LUMIX G 42.5mm F1.7 ASPH. POWER OIS Lens (H-HS043-K)
- Lens Cap
- Rear Cap
- Lens Hood
- Decoration Ring
- Pouch

- Original Box

Setup

Attaching the Lens

1. Ensure both the camera and lens are powered off.
2. Remove the rear lens cap and the camera body cap.
3. Align the white mounting mark on the lens with the corresponding mark on the camera body.
4. Insert the lens into the camera mount and turn it clockwise until it clicks into place. Do not force the lens.



Image: Angled view of the Panasonic LUMIX G 42.5mm F1.7 ASPH. POWER OIS lens, illustrating its design and mount.

Attaching the Lens Hood

The included lens hood helps to prevent unwanted light from entering the lens, reducing flare and ghosting. To attach the lens hood:

1. First, remove the decorative ring from the front of the lens by twisting it counter-clockwise.
2. Align the lens hood with the front of the lens.
3. Turn the lens hood clockwise until it locks securely into place.



Image: Side view of the Panasonic LUMIX G 42.5mm F1.7 ASPH. POWER OIS lens, showing the barrel and markings.

Operating the Lens

Focus Modes (Auto Focus)

This lens supports Auto Focus (AF) for quick and precise focusing. The 240fps Drive AF system ensures rapid response. Refer to your camera's instruction manual for specific settings related to AF modes (e.g., single AF, continuous AF).

Optical Image Stabilizer (O.I.S.)

The POWER O.I.S. (Optical Image Stabilizer) function helps to compensate for camera shake, allowing for sharper images, especially in low light or when shooting handheld. The O.I.S. is typically controlled via your camera's menu settings. Ensure it is enabled when needed.

Aperture Control

With a bright maximum aperture of F1.7, this lens excels in low-light conditions and allows for a shallow depth of field, creating pleasing background blur (bokeh). Aperture settings are controlled through your camera body.

Minimum Focusing Distance

The lens has a closest focusing distance of 31cm (0.98 ft), allowing for close-up shots with good detail.



Image: Front view of the Panasonic LUMIX G 42.5mm F1.7 ASPH. POWER OIS lens, displaying the front element and lens specifications.

Maintenance

Cleaning the Lens

- **Lens Surface:** Use a lens blower brush to remove dust and loose particles. For smudges or fingerprints, use a clean, soft lens cloth specifically designed for optical surfaces, along with a small amount of lens cleaning fluid if necessary. Wipe gently in a circular motion from the center outwards.

- **Lens Body:** Wipe the lens body with a soft, dry cloth. Do not use organic solvents like thinner or benzene.

Storage

- When not in use, attach both the front and rear lens caps to protect the optical elements.
- Store the lens in a cool, dry, and well-ventilated place, away from direct sunlight and high humidity.
- If storing for an extended period, consider using a desiccant to prevent mold growth.

Troubleshooting

- **Lens not attaching securely:** Ensure the mounting marks are aligned correctly and the lens is rotated until it clicks. Do not force it.
- **Autofocus not working:** Check your camera's focus mode settings. Ensure the lens is properly mounted and clean.
- **Images are blurry:** Verify that the POWER O.I.S. is enabled if shooting handheld. Check your camera's shutter speed and aperture settings. Ensure the lens is clean.
- **Unusual sounds or movement within the lens:** If you notice any abnormal sounds or internal movement, discontinue use and contact a qualified service center for inspection.

Specifications

Feature	Specification
Brand	Panasonic
Model Name	LUMIX G 42.5mm F1.7 ASPH. POWER OIS (H-HS043-K)
Focal Length	42.5mm (35mm equivalent: 85mm)
Maximum Aperture	F1.7
Minimum Aperture	F22
Lens Construction	10 elements in 8 groups (1 aspherical lens)
Compatible Mountings	Micro Four Thirds
Image Stabilization	Optical (POWER O.I.S.)
Focus Type	Auto Focus
Minimum Focusing Distance	0.31m (0.98 ft)
Filter Size	37mm
Angle of View	29 degrees
Item Weight	0.13 Kilograms
Color	Black
Water Resistance Level	Not Water Resistant

Warranty and Support

Please note that this product is an International Version and typically comes with**No Warranty** from the manufacturer in certain regions. It is advisable to check with your retailer regarding any specific return or repair policies they may offer.
For technical support or inquiries, please refer to the official Panasonic website for your region or contact your point of purchase.

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