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Panasonic DC-S5M2KK

Panasonic Lumix S5 II Mirrorless Camera (DC-S5M2KK) Instruction Manual

Model: DC-S5M2KK | Brand: Panasonic

1. Introduction

This manual provides essential information for the safe and effective use of your Panasonic Lumix S5 II Mirrorless Camera. The Lumix S5 II is designed for high-quality still photography and video recording, featuring a 24.2MP Full-Frame CMOS sensor, advanced autofocus, and robust image stabilization.

Key features include Phase Hybrid AF for precise focusing, 5-Axis Sensor-Shift Image Stabilization with Active I.S. for stable footage, and the capability to record 6K video. The camera is equipped with a 3.0-inch tilt/free-angle touch-LCD and a high-resolution OLED electronic viewfinder.



Figure 1.1: Front view of the Panasonic Lumix S5 II Mirrorless Camera with the 20-60mm lens.

2. Setup

2.1 Unpacking and Included Items

Carefully unpack all components and verify that the following items are present:

- Panasonic Lumix S5 II Mirrorless Camera Body
- Panasonic DMW-BLK22 Lithium-Ion Battery (7.2V, 2200mAh)
- AC Adapter
- USB-C to USB-A Cable
- Shoulder Strap
- Body Cap
- Hot Shoe Cover
- Battery Grip Connector Cover
- Panasonic Lumix S 20-60mm f/3.5-5.6 Lens

- Front and Rear Lens Caps
- Lens Hood

2.2 Battery Installation and Charging

1. Open the battery compartment cover located at the bottom of the camera.
2. Insert the DMW-BLK22 battery with the contacts facing the correct direction, then close the cover.
3. Connect the AC adapter to the camera via the USB-C port and plug it into a power outlet to charge the battery. The charging indicator will illuminate.

2.3 Memory Card Installation

The Lumix S5 II features dual UHS-II SD card slots.

1. Open the memory card slot cover on the side of the camera.
2. Insert the SD memory card(s) into the slots until they click into place. Ensure the card is oriented correctly.
3. Close the memory card slot cover securely.



Figure 2.1: Memory card slots on the side of the camera.

2.4 Lens Attachment

1. Remove the body cap from the camera and the rear lens cap from the 20-60mm lens.
2. Align the mounting marks on the lens and the camera body.
3. Attach the lens by turning it clockwise until it locks into place.

2.5 Shoulder Strap Attachment

Attach the provided shoulder strap to the camera's strap lugs for secure carrying.

3. Operating the Camera

3.1 Power On/Off

To power on the camera, rotate the power switch located on the top plate. To power off, rotate the switch to the OFF position.

3.2 Basic Shooting Modes

The camera offers various shooting modes, including automatic and manual exposure control. Use the mode dial to select your desired shooting mode (e.g., Program AE, Aperture Priority AE, Shutter Priority AE, Manual, Video).

3.3 Autofocus System

The Lumix S5 II features a 779-point Phase-Detection AF System with Phase Hybrid AF for fast and precise focusing. You can select various AF modes (e.g., Single AF, Continuous AF) and AF area modes (e.g., Pinpoint AF, Zone AF, Tracking AF) via the camera's menu or dedicated buttons.

3.4 Image Stabilization

The camera incorporates 5-Axis Sensor-Shift Image Stabilization to reduce camera shake. For video recording, the Active I.S. system further enhances stability, particularly useful for walking shots.

3.5 Video Recording

The Lumix S5 II supports high-resolution video recording:

- **6K Video:** Records 6K30p 4:2:0 10-Bit video for up to 30 minutes.
- **4K Video:** Offers unlimited C4K/4K60p 4:2:2 10-Bit video capture.

Press the dedicated video record button to start and stop recording.

3.6 Display and Viewfinder

The camera features a 3.0-inch 1.84m-Dot Tilt/Free-Angle Touch-LCD for flexible viewing and menu navigation. An integrated 3.68m-Dot 0.78x-Magnification OLED LVF (Live View Finder) provides a clear and detailed view for eye-level shooting.



Figure 3.1: Rear view of the camera with the LCD screen.



Figure 3.2: Rear view of the camera with the articulated LCD screen.

3.7 Connectivity

The Lumix S5 II supports Wi-Fi and Bluetooth for wireless communication with compatible devices. It also includes USB and HDMI ports for wired connections.



Figure 3.3: Connectivity ports on the side of the camera.

4. Maintenance

4.1 Cleaning

Regular cleaning helps maintain camera performance. Use a soft, lint-free cloth for the camera body. For the lens, use a lens brush or blower to remove dust, followed by a lens cleaning solution and cloth if necessary. Avoid touching the sensor directly. A cleaning kit is included in the bundle for general maintenance.

4.2 Battery Care

To prolong battery life, avoid extreme temperatures. Charge the battery fully before use and store it in a cool, dry place when not in use for extended periods.

4.3 Storage

When storing the camera, ensure it is powered off and the lens cap is attached. Store in a dry environment, ideally with desiccant packs, to prevent mold and mildew, especially in humid climates.

5. Troubleshooting

If you encounter issues with your camera, consider the following basic troubleshooting steps:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Cannot take photos/videos:** Check if a memory card is inserted and has sufficient free space. Verify the lens is properly attached.
- **Image quality issues:** Ensure the lens is clean and free from smudges. Check camera settings for appropriate exposure and focus modes.
- **Autofocus not working:** Confirm the AF/MF switch on the lens is set to AF. Check AF mode settings in the camera menu.

For more complex issues, refer to the comprehensive user manual available on the Panasonic support website or contact Panasonic customer support.

6. Specifications

Feature	Specification
Model Name	DC-S5M2KK
Sensor Type	24.2 MP Full-Frame CMOS
Lens Mount	Leica L-mount
Image Stabilization	5-Axis Sensor-shift (Body I.S.), Active I.S.
Autofocus System	779-Point Phase-Detection AF, Hybrid AF
ISO Range	100-51200 (Expanded: 50-204800)
Continuous Shooting	Up to 30 fps
Video Resolution	6K30p 4:2:0 10-Bit, C4K/4K60p 4:2:2 10-Bit (Unlimited)
Display	3.0" 1.84m-Dot Tilt/Free-Angle Touch-LCD
Viewfinder	3.68m-Dot 0.78x-Magnification OLED LVF
Memory Card Slots	Dual UHS-II SD Slots
Connectivity	Wi-Fi, Bluetooth, USB-C, HDMI
Battery Type	Lithium-Ion (DMW-BLK22)

Feature	Specification
Weight	Approx. 5.93 Pounds (with lens)
Included Lens	Panasonic Lumix S 20-60mm f/3.5-5.6 Lens

7. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your product or visit the official Panasonic website. You can find detailed support resources, firmware updates, and contact information for technical assistance there.

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Example: How do I reset this device or fix this error?

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