Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Panasonic DC-S5KK

Panasonic LUMIX S5 Full Frame Mirrorless Camera Instruction Manual

Model: DC-S5KK

Introduction

The Panasonic LUMIX S5 is a versatile full-frame mirrorless camera designed for both high-quality photography and cinematic video recording. It combines a compact, lightweight body with advanced imaging capabilities, including a 24.2-megapixel CMOS sensor, 4K 60p 10-bit video, and robust image stabilization. This manual will guide you through the essential functions and features of your new camera.

Key Features

- **24.2MP Full-Frame CMOS Sensor:** Delivers wide dynamic range and high sensitivity performance, supported by Dual Native ISO technology for crystal-clear high sensitivity video up to ISO51200.
- **4K 60p/50p 10-bit Video Recording:** Capable of internal 4K 60p/50p 4:2:0 10-bit and 4K 30p/25p 4:2:2 10-bit recording, with no time limit for 4K 30p/25p 4:2:0 8-bit internal recording.
- **5-Axis Dual I.S.2 Image Stabilization:** Combines in-body (5-axis) and optical (2-axis) image stabilization for up to 6.5-stop slower shutter speeds, ensuring stable handheld shots.
- **High-Precision Autofocus:** Advanced deep-learning technology provides real-time detection of human eyes, face, head, and body for accurate tracking in both photo and video.
- **Articulating Flip Screen:** A 3-inch LCD touchscreen with 1.84 million dots offers flexibility for various shooting angles and vlogging.
- **Rugged, Dust/Splash-Resistant Design:** Ensures high reliability in challenging environments.
- **Connectivity:** Built-in Wi-Fi and Bluetooth for seamless remote control and file transfer.
- **Advanced Photo Modes:** Includes 96-megapixel High Resolution Mode, Live View Composite, and HLG Photo mode.

Setup

1. Unpacking and Initial Inspection

Carefully remove all components from the packaging. Ensure the camera body, LUMIX S 20-60mm F3.5-5.6 lens, battery, and any other accessories are present and undamaged.

2. Charging and Installing the Battery

1. Insert the provided battery into the battery charger.
2. Connect the charger to a power outlet. The charging indicator will illuminate.
3. Once charging is complete (indicator light changes or turns off), remove the battery.
4. Open the battery compartment cover on the camera's bottom.
5. Insert the charged battery into the compartment, ensuring it clicks into place. Close the cover securely.

3. Attaching the Lens

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the mounting index (white dot) on the lens with the mounting index on the camera body.
3. Insert the lens into the camera mount and turn it clockwise until it clicks into place.
4. To remove the lens, press the lens release button on the camera body and turn the lens counter-clockwise.



Figure 1: Panasonic LUMIX S5 camera with the included 20-60mm lens.

4. Inserting an SD Card

1. Open the SD card slot cover on the side of the camera.
2. Insert an SD, SDHC, or SDXC memory card (UHS-II recommended for Slot 1, UHS-I for Slot 2) with the label facing the front of the camera until it clicks.
3. Close the SD card slot cover securely.



Figure 2: Dual SD card slots on the Panasonic LUMIX S5.

5. Powering On the Camera

Flip the power switch to the "ON" position. The camera's LCD screen or viewfinder will activate.

Operating the Camera

1. Basic Photography

- **Shooting Modes:** Use the mode dial on top of the camera to select your desired shooting mode (e.g., Program AE, Aperture Priority AE, Shutter Priority AE, Manual, Intelligent Auto).
- **Autofocus:** The camera features a Contrast-Detect 225-Area DFD AF System with advanced subject detection (eyes, face, head, body). Select your AF mode via the menu or dedicated buttons.
- **Shutter Button:** Press halfway to focus, press fully to capture an image.



Figure 3: Top controls of the Panasonic LUMIX S5.

2. Video Recording

- **Resolution and Frame Rates:** The LUMIX S5 supports 4K UHD 2160p video. It can record 4K 60p/50p 4:2:0 10-bit and 4K 30p/25p 4:2:2 10-bit internally.
- **V-Log / V-Gamut:** Utilize V-Log / V-Gamut for maximum dynamic range (14+ stops) and color grading flexibility in post-production.
- **Slow & Quick Motion:** Access dedicated S&Q mode for creative slow-motion or quick-motion effects.
- **Anamorphic Mode:** Supports 4:3 Anamorphic mode for cinematic widescreen video.

▶ **Watch video online**
LUMIX S5 Product Video

Video 1: Official Panasonic LUMIX S5 Product Video showcasing key features and video capabilities. This video highlights the camera's compact design, 24MP full-frame CMOS sensor, Dual Native ISO, 5-axis Dual Image Stabilization, professional video options (4K 60p 4:2:0 10-bit), autofocus real-time detection, Live View Composite, 96MP High Resolution Mode, V-Log with 14+ stops dynamic range, Slow & Quick Motion, free-angle LCD, OLED live viewfinder, dust- and splash-resistant build, double SD card slot, USB battery charge, Wi-Fi/Bluetooth, microphone & headphone terminal, and XLR microphone adapter compatibility. It also shows the L-Mount lens

selection.

3. Image Stabilization

The 5-axis Dual I.S.2 system effectively compensates for camera shake, allowing for sharper images and smoother video even when shooting handheld or in low light. Ensure your lens also has O.I.S. for optimal performance.

4. Display and Viewfinder

- **Articulating LCD:** The 3-inch, 1.84M-dot LCD touchscreen can be articulated for comfortable viewing from various angles, including front-facing for vlogging.
- **OLED Live Viewfinder:** Provides a clear and detailed view of your scene with 2.36M-dot resolution and 0.74x magnification.



Figure 4: Panasonic LUMIX S5 with its articulating LCD screen.

5. Connectivity

- **Wi-Fi:** Connect to the LUMIX Sync app on your smartphone for remote control, live view, and wireless image/video transfer.

- **Bluetooth:** Maintain a constant low-power connection to your smart device for quick setup and GPS data transfer.
- **Ports:** Includes Micro-HDMI output, USB 3.0 (Type-C), and microphone/headphone terminals for external accessories.



Figure 5: Connectivity ports on the Panasonic LUMIX S5.

6. Advanced Photo Modes

- **96-Megapixel High Resolution Mode:** Combines multiple frames to create ultra-high-resolution JPEG/RAW images, ideal for detailed landscapes or architectural shots.
- **Live View Composite:** Captures multiple exposures and composites them in-camera, perfect for star trails or light painting.



Figure 6: Detail comparison between 96MP and 24MP images captured with the LUMIX S5.

Maintenance

- **Cleaning:** Regularly clean the camera body, lens, and sensor using appropriate cleaning tools. Avoid harsh chemicals.
- **Battery Care:** Store batteries in a cool, dry place. Avoid fully discharging or overcharging them for extended periods.
- **Firmware Updates:** Check the Panasonic support website periodically for firmware updates to ensure optimal performance and access to new features.
- **Storage:** When not in use, store the camera in a dry, dust-free environment, ideally with a desiccant to prevent moisture buildup.

Troubleshooting

- **Camera not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Images not saving:** Check if an SD card is inserted and has sufficient free space. Ensure the card is not write-protected.
- **Autofocus issues:** Ensure sufficient light for the scene. Clean the lens and sensor. Update firmware if available.
- **Overheating:** The LUMIX S5 features advanced heat dispersion. If the camera indicates overheating, allow it to cool down before resuming use.

Specifications

Feature	Specification
Model Name	Panasonic LUMIX S5 (DC-S5KK)
Brand	Panasonic
Effective Still Resolution	24.2 MP
Photo Sensor Size	Full Frame (35mm)
Image Stabilization	Sensor-shift (5-Axis Dual I.S.2)
Video Resolution	4K UHD 2160p
Compatible Mountings	Leica L
Included Lens	LUMIX S 20-60mm F3.5-5.6
Screen Size	3 Inches
Display Fixture Type	Articulating
Connectivity Technology	Wireless (Bluetooth, Wi-Fi)
Flash Memory Type	Slot 1: SD/SDHC/SDXC (UHS-II), Slot 2: SD/SDHC/SDXC (UHS-I)
Recording Capacity	30 Minutes (for certain 4K modes)

Feature	Specification
Item Weight	1.7 Kilograms
Special Feature	5-Axis Sensor-Shift Image Stabilization; Contrast-Detect 225-Area DFD AF System; V-Log, HDR, and Dual Native ISO

Warranty and Support

The Panasonic LUMIX S5 (DC-S5KK) comes with a **1-year manufacturer's warranty**. For technical support, service, or warranty claims, please refer to the official Panasonic support channels or visit their website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question