

Panasonic DC-G95DMK

Panasonic LUMIX G95D 20.3 Megapixel Mirrorless Camera Instruction Manual

Model: DC-G95DMK

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Panasonic LUMIX G95D 20.3 Megapixel Mirrorless Camera. The LUMIX G95D is a versatile and portable Micro Four Thirds mirrorless camera designed for both photography and video enthusiasts. It features a 20.3 MP Digital Live MOS sensor, 5-axis Dual I.S. 2 stabilization, 4K video recording, and a free-angle OLED touchscreen.



Figure 1: Front view of the Panasonic LUMIX G95D camera with the 12-60mm lens attached.

2. SETUP

2.1. Unboxing and Initial Inspection

Upon opening the package, ensure all components are present:

- LUMIX G95D Camera Body
- LUMIX G 12-60mm F3.5-5.6 POWER O.I.S. Lens
- Battery Pack
- Battery Charger
- USB Cable
- Shoulder Strap
- Lens Cap
- Basic Operating Instructions



Figure 2: Included items in the camera package.

2.2. Attaching the Lens

1. Align the white index mark on the lens with the white index mark on the camera body.
2. Rotate the lens clockwise until it clicks into place.

2.3. Inserting the Battery and Memory Card

1. Open the battery/card compartment cover located at the bottom of the camera.
2. Insert the Lithium-Ion battery with the correct orientation until it locks.
3. Insert an SD memory card (UHS Speed Class 3 or Video Speed Class 30 recommended for 4K video) into the slot until it clicks.
4. Close the compartment cover securely.

2.4. Charging the Battery

Use the provided battery charger and USB cable to charge the battery. The charging indicator will show the status.

3. OPERATING THE CAMERA

3.1. Power On/Off

Locate the power switch on the top of the camera and slide it to the 'ON' position to power on the device. Slide it to 'OFF' to power down.

3.2. Controls Overview

The LUMIX G95D features intuitive controls for quick adjustments:

- **Mode Dial:** Select various shooting modes (e.g., Program AE, Aperture Priority AE, Shutter Priority AE, Manual, Custom, Scene Guide, Creative Control, Movie).
- **Control Dials:** Adjust settings like aperture, shutter speed, and ISO depending on the selected mode.
- **Function Buttons (Fn):** Customizable buttons for quick access to frequently used functions.
- **Shutter Release Button:** Press halfway to focus, fully to capture an image.
- **Video Start/Stop Button:** Dedicated button for initiating and ending video recording.

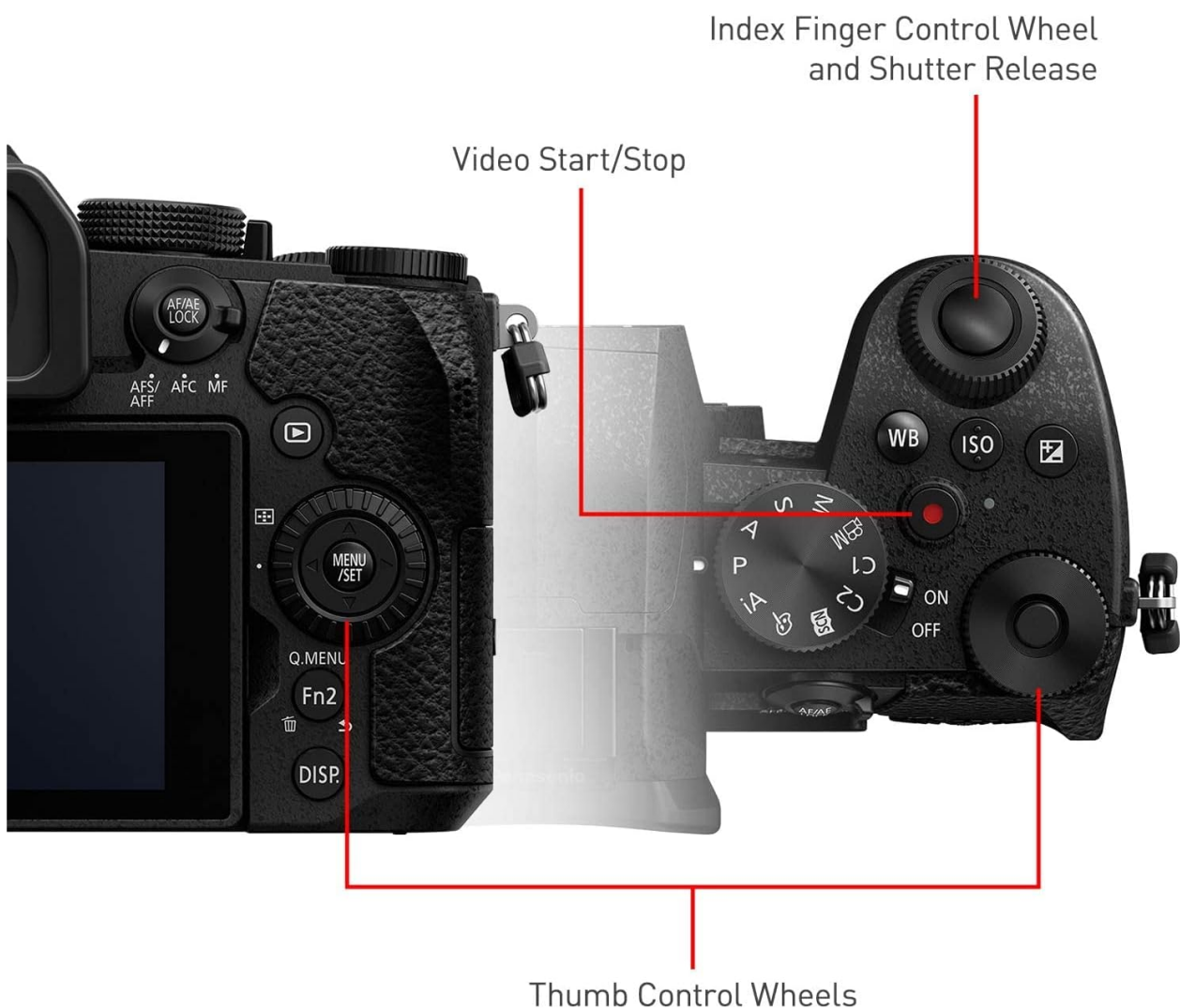


Figure 3: Top controls of the LUMIX G95D.

3.3. Using the OLED Touchscreen

The 3-inch free-angle OLED touchscreen allows for flexible shooting angles and touch-based operation. You can tap to focus, adjust settings, and navigate menus. The screen can be articulated for various perspectives, including selfie mode.

Frame Drive Modes w/ 4K PHOTO Mode



Figure 4: Rear view of the camera showing the articulating OLED touchscreen and various ports.



Figure 5: The free-angle screen allows for creative shooting angles.

3.4. Focusing

The camera utilizes Contrast Detection Auto Focus. You can select between Auto Focus (AF) and Manual Focus (MF) modes. Continuous-Servo AF (AF-C) is available for tracking moving subjects.

4. PHOTOGRAPHY FEATURES

The LUMIX G95D is equipped with a 20.3 Megapixel Digital Live MOS sensor, capturing crisp and clear, high-precision images.



Figure 6: The 20.3MP Digital Live MOS Sensor for detailed images.

4.1. Image Quality and Formats

Images can be saved in JPEG format with Basic, Fine, or Normal quality levels. The effective still resolution is 20.3 MP.

4.2. Special Photography Modes

- **Live View Composite:** Compose a single image from multiple exposures, ideal for capturing light trails or star photography.
- **Post-Focus:** Adjust the focus point after shooting, providing flexibility in post-production.
- **RAW Image Development:** Develop and retouch RAW images directly within the camera.

4.3. Continuous Shooting

The camera supports continuous shooting at 9.0 frames per second, allowing you to capture fast-moving action.



Figure 7: Capturing moments with the LUMIX G95D.

5. VIDEO FEATURES

The LUMIX G95D offers advanced video capabilities for creative filmmaking.

5.1. 4K Video Recording

Record high-quality 4K video at 24p/30p. The camera includes pre-installed V-Log L, which provides log characteristics with 12 stops of dynamic range for maximum flexibility in video editing.



Figure 8: 4K video recording with V-Log L for enhanced dynamic range.

5.2. External Monitoring and Audio

You can connect an external monitor via HDMI while recording, and plug in an external microphone and headphones to the camera's 3.5mm jacks to record and monitor sound, ensuring high sound quality.

6. CONNECTIVITY

The LUMIX G95D offers various connectivity options for seamless workflow.

6.1. Wireless Connectivity

The camera supports Wi-Fi and Bluetooth 4.2 for remote control and easy transfer of photos and videos to compatible devices.



Figure 9: Remote control and wireless transfer via Wi-Fi and Bluetooth.

6.2. Wired Connections

The camera includes a USB 2.0 port for tethering and charging, and an HDMI video output port for connecting to external displays.

USB Tethering with Charging



Figure 10: USB tethering and charging capabilities.

7. MAINTENANCE

Proper care ensures the longevity and optimal performance of your camera.

7.1. General Care

The camera body is weather-sealed, offering confidence when shooting in adverse conditions such as light rain or dusty environments. However, it is not fully waterproof. Avoid exposing the camera to heavy rain or submerging it in water.

7.2. Cleaning

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- **Lens:** Use a lens brush to remove dust, then gently clean with a microfiber lens cloth and lens cleaning solution. Avoid touching the lens surface with your fingers.
- **Sensor:** If dust appears on images, consult a professional for sensor cleaning.

7.3. Battery Care

Store batteries in a cool, dry place. Do not expose them to extreme temperatures. Charge batteries fully before extended use and periodically if stored for long periods to maintain battery health.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your LUMIX G95D camera.

8.1. Camera Not Powering On

- Ensure the battery is fully charged and correctly inserted.
- Check if the battery contacts are clean.

8.2. Images Are Blurry

- Verify that the lens is clean and free of smudges.

- Check your focus settings (AF/MF) and ensure the camera is focusing correctly on your subject.
- Ensure shutter speed is appropriate for the lighting conditions and subject movement to prevent motion blur.

8.3. Video Recording Stops Unexpectedly

- Ensure you are using a memory card with sufficient speed (UHS Speed Class 3 or Video Speed Class 30 recommended for 4K).
- Check the remaining battery life and memory card space.

8.4. Connectivity Issues

- For Wi-Fi/Bluetooth, ensure the camera's wireless functions are enabled and your device is within range.
- Restart both the camera and the connected device.

9. SPECIFICATIONS

Feature	Specification
Model Name	DC-G95DMK
Brand	Panasonic
Maximum Webcam Image Resolution	20.3 MP
Photo Sensor Technology	MOS
Compatible Mountings	Micro Four Thirds
Lens Type	12-60mm telephoto lens with a variable aperture of F3.5-5.6
Video Resolution	2160p (4K)
Frame Rate	30 FPS (4K)
Display Type	OLED Touchscreen
Connectivity Technology	Wi-Fi, Bluetooth, USB, HDMI
Image Stabilization	5-Axis Dual I.S. 2
Weight	1.64 Pounds
Dimensions (D x W x H)	3.05"D x 5.14"W x 3.69"H
Processor	Venus Engine
Minimum Shutter Speed	1/16000 Seconds
Continuous Shooting	9.0 fps

10. WARRANTY AND SUPPORT

10.1. Manufacturer's Warranty

This Panasonic LUMIX G95D camera comes with a **1-year manufacturer's warranty**. Please retain your

proof of purchase for warranty claims.

10.2. Customer Support

For further assistance, technical support, or warranty inquiries, please visit the official Panasonic support website or contact their customer service department. Refer to the contact information provided in your product packaging or on the Panasonic website.