

Panasonic DC-G9M2LK

Panasonic Lumix G9 II Micro Four Thirds Mirrorless Camera Instruction Manual

Model: DC-G9M2LK

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Panasonic Lumix G9 II Micro Four Thirds Mirrorless Camera. Please read this manual thoroughly before using the camera and keep it for future reference.



Figure 1: Panasonic Lumix G9 II camera with the 12-60mm lens and various accessories including batteries, memory cards, filters, and software.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Panasonic Lumix G9 II Mirrorless Camera Body
- Leica DG Vario-Elmarit 12-60mm f/2.8-4 ASPH. POWER O.I.S. Lens
- 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
- Front Lens Cap
- Panasonic Rear Lens Cap for Lumix G Lenses
- Lens Hood

- Storage Bag
- 3 Piece Filter Kit
- 2 x Sandisk 64GB Extreme Pro Card
- 2 x DMW-BLK22 Lithium-Ion Replacement Battery
- Corel Photo Software
- Memory Card Reader
- Rode VideoMicro Ultracompact Camera-Mount Shotgun Microphone
- LED Light
- Deluxe Soft Case
- 12-inch Flexible Tripod
- Cleaning Kit

SETUP

1. Charging the Battery

Insert the DMW-BLK22 battery into the provided AC adapter or charge it directly in the camera using the USB-C cable. The charging indicator will show the charging status. Ensure the battery is fully charged before first use.

2. Inserting the Memory Card

The Lumix G9 II supports dual UHS-II SD card slots. Open the memory card slot cover, insert the SD cards with the label facing the correct direction until they click into place. Close the cover securely.

3. Attaching the Lens

Remove the body cap from the camera and the rear lens cap from the lens. Align the mounting marks on the lens and the camera body. Turn the lens clockwise until it clicks into place. To remove, press the lens release button and turn the lens counter-clockwise.



Figure 2: Front view of the camera with the Leica DG Vario-Elmarit 12-60mm lens.

4. Initial Power On

Press the power switch to turn on the camera. Follow the on-screen prompts to set the date, time, and language.

OPERATING INSTRUCTIONS

1. Basic Controls and Display

The camera features a 3.68m-Dot 0.8x-Magnification OLED Live View Finder (LVF) and a 3.0" 1.84m-Dot Free-Angle Touchscreen. Use the touchscreen for menu navigation and quick settings adjustments. The rear of the camera includes various buttons for direct access to functions.



Figure 3: Rear view of the camera, highlighting the articulating touchscreen and control layout.

2. Shooting Modes

Rotate the mode dial to select your desired shooting mode:

- **Automatic (iA)**: Camera automatically optimizes settings.
- **Program AE (P)**: Camera sets aperture and shutter speed, user can shift program.
- **Aperture Priority AE (A)**: User sets aperture, camera sets shutter speed.
- **Shutter Priority AE (S)**: User sets shutter speed, camera sets aperture.
- **Manual (M)**: User sets both aperture and shutter speed.
- **Custom Modes (C1, C2, C3)**: Save and recall your preferred settings.
- **Video Mode**: Dedicated mode for video recording.

3. Autofocus System

The G9 II features a 779-point Phase Hybrid AF system with AI-powered recognition. This system can detect and track subjects including humans, animals, cars, and motorcycles. Select your AF mode (e.g., Single AF, Continuous AF, Flexible AF) and AF area mode (e.g., Pinpoint, 1-Area, Zone, Tracking) via the menu or dedicated buttons.

4. Image Stabilization

The camera incorporates 5-Axis Sensor Stabilization and Dual I.S. 2, which combines in-body and in-lens stabilization for enhanced shake reduction, allowing for sharper handheld shots and smoother video.

5. High-Resolution Mode

For incredibly detailed images, use the 100MP Handheld High-Res Mode. This feature composites multiple

exposures to create a single high-resolution RAW or JPEG file. Access this mode through the shooting menu.

6. Video Recording

The G9 II supports C4K/4K 60p 4:2:2 10-Bit video recording. To start recording, switch to video mode and press the dedicated video record button. Adjust video settings such as frame rate, resolution, and color profiles in the video menu.

7. Connectivity

The camera offers Wi-Fi and Bluetooth connectivity for wireless image transfer and remote control via the Panasonic Image App. Use the USB-C port for data transfer and charging, and the HDMI port for video output to external monitors.

MAINTENANCE

1. Cleaning the Camera and Lens

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry.
- **Lens:** Use a lens brush to remove dust, then a lens cleaning solution and a microfiber cloth. Avoid touching the lens surface directly.
- **Sensor:** If dust is visible on images, use a blower bulb to gently remove it. For persistent dust, consult a professional service center.

2. Battery Care

Store batteries in a cool, dry place. Avoid fully discharging batteries frequently. If storing for extended periods, charge them to about 50% capacity.

3. Storage

When not in use, store the camera in a dry, dust-free environment, preferably in a camera bag. Remove the battery if storing for a long time.

TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting, refer to the full electronic manual available on the Panasonic support website.

Camera Does Not Power On

- Ensure the battery is fully charged and correctly inserted.
- Check if the battery terminals are clean.
- Try using a different charged battery if available.

Autofocus Is Not Working Correctly

- Verify that the lens is securely attached.
- Check the AF mode and AF area settings. Ensure they are appropriate for your subject.
- Ensure there is sufficient light for the autofocus system to operate.
- Clean the lens contacts and camera body contacts.

Images Are Blurry

- Check shutter speed: too slow can cause motion blur. Increase ISO or use a wider aperture.
- Ensure image stabilization (I.S.) is enabled if shooting handheld.
- Verify focus. Re-focus on your subject.
- Clean the lens elements.

Memory Card Error

- Ensure the memory card is inserted correctly.
- Try formatting the card in the camera (note: this will erase all data).
- Use a different memory card to rule out card malfunction.

SPECIFICATIONS

Feature	Specification
Model Name	DC-G9M2LK
Sensor Type	25.2 MP Live MOS Micro Four Thirds
Image Stabilization	5-Axis Sensor Stabilization; Dual I.S. 2
Autofocus System	779-Point Phase-Detection AF System with AI Recognition
Continuous Shooting	Up to 75 fps
Video Recording	C4K/4K 60p 4:2:2 10-Bit
Viewfinder	3.68m-Dot 0.8x-Magnification OLED LVF
Rear Display	3.0" 1.84m-Dot Free-Angle Touchscreen
ISO Range	Up to 25600 (Expanded to 51200)
Memory Slots	Dual UHS-II SD Slots
Connectivity	Wi-Fi, Bluetooth, USB-C, HDMI
Lens Mount	Micro Four Thirds

Note: Specifications are subject to change without notice. For the most current information, please refer to the official Panasonic website.

WARRANTY AND SUPPORT

For information regarding your product's warranty, please refer to the warranty card included in your package or visit the official Panasonic support website. For technical support, firmware updates, and additional resources, please visit [Panasonic Support](#).

