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Panasonic DC-G9M2LK

Panasonic Lumix G9 II Micro Four Thirds Mirrorless Camera Instruction Manual

Model: DC-G9M2LK

Introduction

Thank you for purchasing the Panasonic Lumix G9 II Micro Four Thirds Mirrorless Camera. This manual provides essential information for the safe and effective use of your camera. Please read it thoroughly before use and keep it for future reference. The Lumix G9 II is designed for content creators, offering a powerful 25.2MP sensor, advanced autofocus, and sophisticated video capabilities.

Safety Information

- **Battery Safety:** Use only genuine Panasonic DMW-BLK22 batteries. Do not expose batteries to excessive heat or direct sunlight.
- **Water Resistance:** This camera is not water-resistant. Avoid exposure to water or high humidity.
- **Lens Care:** Do not touch the lens surface directly. Use a soft, clean cloth for cleaning.
- **Operating Environment:** Avoid using the camera in extreme temperatures, dusty environments, or near strong magnetic fields.
- **Children:** Keep the camera and accessories out of reach of small children.

Package Contents

Verify that all items are present in your package:

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

Additional Bundle Items (may vary):

- 3 Piece Filter Kit
- Sandisk 64GB Extreme Pro Card
- DMW-BLK22 Lithium-Ion Replacement Battery
- Corel Photo Software
- Memory Card Reader
- Deluxe Soft Case
- 12-inch Flexible Tripod
- Cleaning Kit

Product Overview

The Lumix G9 II features a robust design and advanced imaging technologies. Familiarize yourself with the camera's main components.



Figure 1: Front view of the Lumix G9 II camera with the Leica DG Vario-Elmarit 12-60mm f/2.8-4 ASPH. POWER O.I.S. Lens. Note the prominent LUMIX branding and G9 II model designation.



Figure 2: Rear view of the Lumix G9 II, highlighting the electronic viewfinder (LVF), the 3.0-inch free-angle touchscreen, and various control buttons including AFON, Q (Quick Menu), and MENU/SET.



Figure 3: The Lumix G9 II with its articulated touchscreen display extended and rotated, providing flexibility for various shooting angles.



Figure 4: Side view of the Lumix G9 II, illustrating the ergonomic grip and the 'REMOTE' port for external accessories.

Setup

1. Charging and Installing the Battery

1. Insert the DMW-BLK22 Lithium-Ion Battery into the supplied AC adapter.
2. Connect the AC adapter to a power outlet. The charging indicator will illuminate.
3. Once fully charged, remove the battery and insert it into the camera's battery compartment, ensuring it clicks into place.

2. Inserting a Memory Card

1. Open the memory card slot cover on the side of the camera.
2. Insert a UHS-II compatible SD card into either of the two available slots until it clicks. Ensure the card is oriented correctly.
3. Close the memory card slot cover securely.

3. Attaching the Lens

1. Remove the body cap from the camera and the rear lens cap from the 12-60mm lens.
2. Align the white index mark on the lens with the white index mark on the camera body.
3. Rotate the lens clockwise until it locks into place with a click.

4. Initial Power On and Basic Settings

1. Turn the camera's power switch to 'ON'.
2. Follow the on-screen prompts to set the language, date, time, and time zone.
3. Format the memory card before first use via the camera's menu system to ensure optimal performance.

Operating

1. Basic Photography Modes

Use the mode dial on the top of the camera to select your desired shooting mode (e.g., Program AE, Aperture Priority, Shutter Priority, Manual, or Intelligent Auto).

- **Shutter Button:** Press halfway to focus, press fully to take a picture.
- **Exposure Compensation:** Adjust brightness using the exposure compensation dial or menu.

2. Advanced Autofocus and Burst Shooting

The G9 II features a 779-point Phase Hybrid AF system with AI-powered recognition.

- **Subject Recognition:** The camera can recognize and track humans, animals (including eyes), cars, and motorcycles for precise focusing.
- **Burst Shooting:** Achieve up to 75 frames per second (fps) with electronic shutter. The pre-burst function allows capturing images up to 1.5 seconds before the shutter is fully pressed.

3. 100MP Handheld High-Resolution Mode

This mode merges multiple exposures to create a single 100MP RAW or JPEG file, ideal for highly detailed images without a tripod.

- Access this mode through the camera's menu.
- Hold the camera steady during the capture sequence for best results.

4. Video Recording

The G9 II supports C4K/4K 60p 4:2:2 10-Bit video recording.

- Press the dedicated video record button to start/stop recording.
- Utilize the 5-axis sensor stabilization (Dual I.S. 2) for smooth, stable footage.

5. Image Playback

Press the playback button to review your photos and videos on the touchscreen LCD or through the electronic viewfinder.

Maintenance

1. Cleaning

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a microfiber lens cloth. Avoid harsh chemicals.
- **Sensor:** If dust is visible on images, use the camera's sensor cleaning function or a specialized sensor cleaning kit. Consult a professional if unsure.
- **LCD Screen:** Wipe gently with a soft, dry cloth.

2. Storage

- Store the camera in a cool, dry, well-ventilated area, away from direct sunlight and high humidity.
- Remove the battery if the camera will not be used for an extended period.

- Use silica gel packets in the storage area to absorb moisture.

Troubleshooting

If you encounter issues with your Lumix G9 II, refer to the following common solutions:

Problem	Possible Cause / Solution
Camera does not power on	Battery is not charged or incorrectly inserted. Ensure battery is charged and properly seated.
Cannot take pictures	Memory card is full, locked, or not inserted. Check card status and free up space if needed.
Images are blurry	Incorrect focus, camera shake, or dirty lens. Check focus mode, use image stabilization, clean lens.
Video recording stops unexpectedly	Memory card write speed is too slow, or camera overheated. Use a faster card (UHS-II recommended).
No image on LCD/Viewfinder	Eye sensor might be active, or display settings are off. Check display mode button.

For more detailed troubleshooting, please visit the official Panasonic support website or consult the full digital manual.

Specifications

Key technical specifications for the Panasonic Lumix G9 II (DC-G9M2LK):

- **Sensor:** 25.2MP Live MOS Micro Four Thirds Sensor
- **Lens Mount:** Micro Four Thirds
- **Image Stabilization:** 5-Axis Sensor-Shift, Dual I.S. 2
- **Autofocus System:** 779-Point Phase-Detection AF with AI Recognition
- **ISO Range:** 100-25600 (Expanded: 50-51200)
- **Continuous Shooting:** Up to 75 fps (electronic shutter)
- **Video Recording:** C4K/4K 60p 4:2:2 10-Bit, 4K 120p
- **Viewfinder:** 3.68m-Dot 0.8x-Magnification OLED LVF
- **LCD:** 3.0" 1.84m-Dot Free-Angle Touchscreen
- **Memory Slots:** Dual UHS-II SD Slots
- **Connectivity:** Wi-Fi, Bluetooth
- **Battery:** Panasonic DMW-BLK22 Lithium-Ion (7.2V 2200mAh)
- **Weight:** Approximately 5.6 Pounds (with lens)

Warranty Information

Your Panasonic Lumix G9 II camera is covered by a manufacturer's warranty. Specific warranty terms and conditions, including duration and coverage, are typically provided with your product documentation or can be found on the official Panasonic website. Please retain your proof of purchase for warranty claims.

Support

For further assistance, technical support, or to download the full detailed operating instructions, please visit the official Panasonic support website:

Panasonic Global Support

You may also contact Panasonic customer service directly for personalized support.

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