

Panasonic DC-G9M2BODY

Panasonic LUMIX G9II Micro Four Thirds Camera Instruction Manual (DC-G9M2BODY)

INTRODUCTION

The Panasonic LUMIX G9II (model DC-G9M2BODY) is a flagship Micro Four Thirds camera designed for outstanding photographic and video performance. Featuring a 25.2MP Live MOS sensor and a new image processing engine, it introduces Phase Detection Autofocus to the G series, enabling continuous shooting with enhanced speed and precision. This model offers improved high-speed performance and mobility, making it ideal for capturing decisive moments in still images and incredible slow-motion video. Its compact and lightweight design, combined with powerful 8.0-stop B.I.S. (Body Image Stabilizer) and 7.5-stop 5-axis Dual I.S. 2, ensures stable handheld shooting even in challenging low-light or telephoto conditions. The LUMIX G9II also includes advanced features like LEICA Monochrome and REAL TIME LUT for expanded creative control.

Key Features

- **25.2MP Live MOS Sensor with Phase Hybrid AF:** First in the LUMIX G series to feature Phase Detection Autofocus for superior speed and precision in capturing sports, wildlife, and fast-moving subjects.
- **High-Speed Burst Shooting:** Offers 60 fps burst shooting with AFC and up to approximately 3 seconds of blackout-free burst shooting. Includes a pre-burst shooting function to capture moments before the shutter is fully pressed.
- **Powerful Image Stabilization:** Achieves 8.0-stop B.I.S. and 7.5-stop 5-axis Dual I.S. 2 for exceptional handheld stability, even in low light or at telephoto ranges.
- **Incredible Slow-Motion Video:** Supports C4K/4K 10-bit 120p/100p video recording for detailed slow-motion effects.
- **Advanced Creative Tools:** Incorporates LEICA Monochrome and REAL TIME LUT for enhanced artistic expression directly in-camera.

PACKAGE CONTENTS

The Panasonic LUMIX G9II (DC-G9M2BODY) package includes the following items:

- Camera Body Only
- Battery
- USB Cable
- Shoulder Strap
- Body Cap
- Hot Shoe Cover
- Eyecup

CAMERA LAYOUT AND CONTROLS

Front View



The front of the LUMIX G9II, showcasing the Micro Four Thirds lens mount, grip, and LUMIX branding.

Back View



The rear of the camera, displaying the electronic viewfinder, various control buttons, and the articulating touchscreen in its closed position.

Back View with Articulating Screen



The articulating touchscreen extended and rotated, providing flexibility for various shooting angles, including vlogging and high/low shots.

Top View



The top panel of the camera, featuring the mode dial, exposure compensation dial, shutter button, and hot shoe.

Side View (Memory Card Slots)



The right side of the camera, revealing the dual SD card slots for extended storage and backup capabilities.

Side View (Ports)



The left side of the camera, featuring microphone input, headphone output, full-size HDMI, and USB-C ports for connectivity and external recording.

INITIAL SETUP

1. Battery Installation

Open the battery compartment cover located at the bottom of the camera. Insert the supplied battery with the correct orientation, ensuring it clicks into place. Close the cover securely.

2. Memory Card Insertion

Open the memory card slot cover on the side of the camera. Insert an SD card (UHS-II or higher recommended) into the slot until it clicks. The camera supports dual SD card slots for flexible storage options. Close the cover securely.

3. Attaching a Lens

Align the white or red index mark on the lens with the corresponding mark on the camera's lens mount. Rotate the lens clockwise until it clicks into place. To remove, press the lens release button and rotate counter-clockwise.

4. First Power On and Basic Settings

Turn the camera on using the power switch. Follow the on-screen prompts to set the language, date, time, and time zone. These initial settings are crucial for proper camera function and metadata recording.

OPERATING YOUR CAMERA

1. Powering On/Off

Use the ON/OFF switch located on the top right of the camera body to power the device on or off.

2. Shooting Modes

Rotate the mode dial on the top left of the camera to select your desired shooting mode (e.g., Program AE, Aperture Priority AE, Shutter Priority AE, Manual, Custom modes, Video mode).

3. Autofocus System

The LUMIX G9II features a 779-point Phase-Detection AF System. You can select various focus modes (Continuous-Servo AF, Manual Focus, Single-Servo AF) and focus features through the camera's menu or dedicated buttons. The autofocus technology is Phase Detection, offering fast and precise focusing.

4. Image Stabilization

Benefit from the Dual I.S. 2 (Image Stabilizer) system, combining in-body 5-axis sensor-shift stabilization with lens-based optical stabilization for up to 7.5-stop compensation. This allows for sharp handheld shots even at slower shutter speeds or with telephoto lenses.

5. Video Recording

To record video, switch to video mode using the mode dial. Press the dedicated video record button to start and stop recording. The camera supports 4K video resolution (4320p) and various frame rates, including C4K/4K 10-bit 120p/100p for slow-motion effects.

ADVANCED FUNCTIONALITY

1. High-Resolution Mode

The camera offers a 100MP Handheld High-Resolution Mode, allowing you to capture incredibly detailed images without a tripod by combining multiple shots.

2. Burst Shooting

Utilize the high-speed burst shooting capabilities, including 60 fps with AFC and blackout-free shooting for up to approximately 3 seconds. The pre-burst shooting function ensures you don't miss critical moments.

3. LEICA Monochrome and REAL TIME LUT

Explore creative possibilities with built-in LEICA Monochrome for classic black and white imagery and REAL TIME LUT (Look Up Table) for applying custom color grades directly in-camera during shooting or playback.

CONNECTIVITY OPTIONS

The LUMIX G9II offers a range of connectivity features for seamless workflow:

- **Bluetooth:** For wireless remote control and easy pairing with smart devices.
- **Wi-Fi:** For wireless image transfer to smartphones/tablets and remote camera control via the Panasonic Image App.
- **USB:** Features 2 Total USB 3.0 Ports (1 Total USB Port) for fast data transfer and direct charging.
- **HDMI:** 1 Total Video Out Port for connecting to external monitors or recorders.

MAINTENANCE

1. General Care

Keep the camera clean and free from dust and moisture. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods. Use a soft, dry cloth for cleaning the camera body.

2. Lens Cleaning

Use a lens blower to remove dust from the lens surface. For smudges, use a specialized lens cleaning solution and a microfiber cloth. Never use abrasive materials.

3. Sensor Cleaning

If dust spots appear on your images, the sensor may need cleaning. Use the camera's sensor cleaning function or consult a professional service center for thorough cleaning.

4. Battery Care

Store batteries in a cool, dry place. Avoid fully discharging batteries for extended periods. Charge batteries fully before important shoots.

TROUBLESHOOTING COMMON ISSUES

- **Camera not powering on:** Ensure the battery is fully charged and correctly inserted. Check if the power switch is in the 'ON' position.
- **Autofocus is slow or inaccurate:** Check lighting conditions; Phase Detection AF performs best in good light. Ensure the lens is clean and the correct AF mode is selected for your subject. Firmware updates can also improve AF performance.
- **Images are blurry:** Verify that image stabilization is enabled (Dual I.S. 2). Check shutter speed; use a faster shutter speed for moving subjects or in low light. Ensure the lens is securely attached.
- **Video recording stops unexpectedly:** Ensure your memory card has sufficient free space and is of a high-speed class (UHS-II V60 or higher recommended for 4K video). Overheating can also cause recording to stop; allow the camera to cool down.
- **Connectivity issues (Wi-Fi/Bluetooth):** Ensure the camera's wireless functions are enabled. Check

your smart device's settings and ensure the Panasonic Image App is up to date.

TECHNICAL SPECIFICATIONS

Model Name	DC-G9M2
Model Number	DC-G9M2BODY
Brand	Panasonic
Photo Sensor Resolution	25.21 MP
Photo Sensor Size	Micro Four Thirds
Photo Sensor Technology	MOS
Image Stabilization	Dual, Sensor-shift
Auto Focus Technology	Phase Detection
Autofocus Points	779
Video Resolution	4320p
Continuous Shooting	75 FPS
ISO Range	100-25600 (Expanded ISO Minimum: 50)
Screen Size	3 Inches
Display Fixture Type	Articulating
Flash Memory Type	SD (2 Memory Slots Available, UHS-II or higher recommended)
Connectivity Technology	Bluetooth, USB, Wi-Fi
Item Weight	1.5 Pounds
Manufacturer	Panasonic

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

This video provides a concise overview of the Panasonic LUMIX G9II camera, highlighting its key features and design. It offers a visual guide to the camera's physical aspects and some of its core functionalities, presented by the seller.

WARRANTY AND SUPPORT

The Panasonic LUMIX G9II (DC-G9M2BODY) comes with a **1-year manufacturer warranty**. For detailed warranty information, service, or additional support, please refer to the official Panasonic website or contact their customer service.

You can also visit the [Panasonic Store on Amazon](#) for more products and support resources.