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## Panasonic DMC-GF2

# Panasonic Lumix DMC-GF2 Digital Camera Instruction Manual

Model: DMC-GF2

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## 1. PRODUCT OVERVIEW

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The Panasonic Lumix DMC-GF2 is a compact, mirrorless digital camera featuring a 12.1-megapixel Micro Four Thirds sensor. It is designed for ease of use with a 3.0-inch touch-screen LCD and offers full HD video recording capabilities. This camera is compatible with Micro Four Thirds lenses, including Panasonic's 3D interchangeable lens for capturing 3D photos.

### Key Features:

- 12.1-megapixel multi-aspect Live MOS Sensor; Micro Four Thirds format camera.
- Kit includes 14-42mm lens; capable of capturing high-quality photos.
- Full HD video capability; Venus Engine FHD enables Intelligent Resolution technology.
- 3-inch touch-screen LCD; newly-designed Touch Q-menu allows focus to be set, or shutter released, with a touch.
- Built-in flash; compact, lightweight design for ease of use and portability.



Figure 1.1: Front view of the Panasonic Lumix DMC-GF2 with the 14-42mm lens.

## 2. SETUP

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### 2.1. Battery and Memory Card Insertion

Before using your camera, ensure the battery is charged and correctly inserted, along with a compatible SD, SDHC, or SDXC memory card.

1. Locate the battery/memory card compartment cover on the bottom of the camera.
2. Slide the release latch to open the cover.

3. Insert the battery with the correct orientation, ensuring it clicks into place.
4. Insert the memory card into its slot until it clicks.
5. Close the compartment cover securely.

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Video 2.1: Demonstration of battery and memory card insertion, along with basic camera operation and menu navigation. This video shows how to open the battery/card compartment, insert the battery and card, and then demonstrates taking photos and navigating the touchscreen menus.

## 2.2. Attaching the Lens

Align the mounting marks on the lens and the camera body, then rotate the lens clockwise until it locks into place. Remove the lens cap before use.



Figure 2.1: Front view of the camera with the lens attached.

## 3. OPERATION

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### 3.1. Powering On/Off

To power on the camera, slide the power switch located on the top panel. To power off, slide the switch back to the OFF position.



Figure 3.1: Top view of the camera, highlighting the power switch.

## 3.2. Taking Photos

The DMC-GF2 offers intuitive photo-taking. You can use the physical shutter button or the touch-screen LCD.

- **Using the Shutter Button:** Press the shutter button halfway to focus, then press fully to capture the image.
- **Using the Touch-Screen:** Tap on the desired subject on the 3-inch LCD to focus and simultaneously release the shutter. The camera's AF tracking function will follow moving subjects.



Figure 3.2: Rear view of the camera, showing the touch-screen LCD and control layout.

### 3.3. Recording Videos

The camera supports Full HD (1920 x 1080) video recording at 60i or HD (1280 x 720) at 60p in AVCHD format. A dedicated video record button simplifies starting and stopping recordings.

- Press the dedicated red video record button to start recording.
- Press it again to stop recording.
- The iA (Intelligent Auto) mode is also available for video recording, automatically optimizing settings.

### 3.4. Using the Built-in Flash

The DMC-GF2 features a built-in flash for low-light conditions. To activate the flash, press the "OPEN" button located near the top left of the camera body (when viewed from the rear).



Figure 3.3: Front view of the camera with the built-in flash deployed.

## 4. MAINTENANCE

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### 4.1. Cleaning the Camera Body and Lens

- Use a soft, dry cloth to clean the camera body. Avoid using harsh chemicals or solvents.
- For the lens, use a lens brush to remove dust, then gently wipe with a microfiber lens cloth. For stubborn smudges, use a specialized lens cleaning solution applied to the cloth, not directly to the lens.

### 4.2. Sensor Cleaning

The Lumix GF2 is equipped with a Dust Reduction System that vibrates the Live MOS sensor to repel dust. If dust spots persist in your images, it is recommended to have the sensor professionally cleaned by an authorized service center.

### 4.3. Storage

When not in use, store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the lens cap is on and the camera is powered off.

## 5. TROUBLESHOOTING

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### 5.1. Common Issues and Solutions

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or incorrectly inserted.	Charge the battery fully and ensure it is inserted correctly.
Images are blurry.	Incorrect focus, camera shake, or dirty lens.	Ensure proper focus, use a faster shutter speed, or clean the lens.
Memory card error.	Card is full, corrupted, or incompatible.	Delete unnecessary files, format the card (this will erase all data), or use a compatible card.
Flash does not fire.	Flash is closed or disabled in settings.	Open the flash manually and check flash settings in the camera menu.

If problems persist, consult the full digital manual (often included on a CD with the product) or contact Panasonic customer support.

## 6. SPECIFICATIONS

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Feature	Detail
Model Name	LUMIX DMC-GF2
Photo Sensor Resolution	12.1 MP
Photo Sensor Size	Micro Four Thirds
Compatible Mountings	Micro Four Thirds
Image Stabilization	Optical
Lens Type	Zoom (14-42mm f/3.5-5.6 kit lens)
Screen Size	3 Inches
Display Type	LCD, Touch Screen (Capacitive)
Video Resolution	FHD 1080p
Supported File Format	JPEG, AVCHD (Video)
Flash Memory Type	SD, SDHC, SDXC
Connectivity Technology	HDMI, USB
Item Weight	1 Pounds

