

Panasonic Lumix G97

Panasonic Lumix G97 Digital Camera User Manual

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Panasonic Lumix G97 digital camera. Please read this manual thoroughly before using your camera and keep it for future reference. Understanding the camera's features and functions will help you capture stunning photos and seamless videos.

2. IMPORTANT SAFETY INSTRUCTIONS

- **Do not disassemble or modify the camera.** This may result in electric shock or malfunction.
- **Keep the camera away from water and moisture.** Exposure to liquids can cause damage or electric shock.
- **Use only specified batteries and chargers.** Using unauthorized accessories may cause fire, explosion, or injury.
- **Avoid exposing the camera to direct sunlight or high temperatures for extended periods.** This can damage internal components.
- **Keep out of reach of children.** Small parts may pose a choking hazard.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Panasonic Lumix G97 Camera Body
- Kit Lens (e.g., LUMIX G VARIO 12-60mm / F3.5-5.6 ASPH. / POWER O.I.S.)
- Battery Pack
- Battery Charger
- USB Connection Cable
- Shoulder Strap
- Body Cap
- Lens Cap

- User Manual (this document)

4. CAMERA OVERVIEW

Familiarize yourself with the main components and controls of your Lumix G97 camera.

4.1 Front View

- **Lens Mount:** For attaching interchangeable lenses.
- **AF Assist Lamp:** Emits light to assist autofocus in low-light conditions.
- **Flash:** Built-in pop-up flash.
- **Grip:** Provides a secure hold on the camera.

4.2 Top View

- **Mode Dial:** Selects shooting modes (e.g., P, A, S, M, iA).
- **Shutter Button:** Press halfway to focus, fully to take a picture.
- **Power Switch:** Turns the camera on or off.
- **Hot Shoe:** For attaching external flash units or accessories.
- **Front Dial:** Adjusts various settings depending on the mode.

4.3 Rear View

- **Electronic Viewfinder (EVF):** For eye-level composition.
- **LCD Monitor:** Displays live view, menus, and playback. Touch-sensitive and rotatable.
- **Control Dial:** Navigates menus and adjusts settings.
- **MENU/SET Button:** Accesses the menu system and confirms selections.
- **Playback Button:** Enters playback mode to view photos/videos.
- **DISP. Button:** Changes information displayed on the LCD/EVF.

5. SETUP

5.1 Charging the Battery

1. Insert the battery into the charger.
2. Plug the charger into a power outlet. The charging indicator will illuminate.
3. Once charging is complete (indicator turns off or changes color), remove the battery.

5.2 Inserting the Battery and Memory Card

1. Open the battery/card cover on the bottom of the camera.
2. Insert the charged battery with the correct orientation until it clicks into place.
3. Insert a compatible SD memory card (UHS-I/II recommended) with the label facing the front of the camera until it clicks.
4. Close the battery/card cover securely.

5.3 Initial Camera Settings

1. Turn on the camera using the power switch.
2. Follow the on-screen prompts to set the language, date, time, and time zone.

3. Format the memory card when prompted or via the menu system to ensure optimal performance.

6. OPERATING THE CAMERA

6.1 Powering On/Off

Slide the power switch to the 'ON' position to turn on the camera. Slide it to 'OFF' to power down.

6.2 Basic Photography (Intelligent Auto Mode)

1. Set the Mode Dial to **iA** (Intelligent Auto).
2. Point the camera at your subject. The camera will automatically detect the scene and adjust settings.
3. Press the Shutter Button halfway to focus. A green frame indicates focus.
4. Press the Shutter Button fully to take the picture.

6.3 Advanced Shooting Modes

- **P (Program AE)**: Camera sets aperture and shutter speed, but you can adjust other settings.
- **A (Aperture Priority AE)**: You set the aperture, camera sets shutter speed. Ideal for controlling depth of field.
- **S (Shutter Priority AE)**: You set the shutter speed, camera sets aperture. Ideal for controlling motion blur.
- **M (Manual Exposure)**: You set both aperture and shutter speed for full creative control.
- **C1/C2/C3 (Custom Modes)**: Save your preferred settings for quick recall.

6.4 Video Recording

1. Set the Mode Dial to the video camera icon or press the dedicated video record button.
2. Frame your shot using the LCD or EVF.
3. Press the red video record button to start recording.
4. Press the red video record button again to stop recording.

6.5 Playback Mode

Press the Playback button to review your captured photos and videos. Use the control dial or touch screen to navigate through images.

7. CONNECTIVITY

7.1 Wi-Fi Connection (Lumix Sync App)

The Lumix G97 features built-in Wi-Fi for wireless connection to smartphones or tablets using the Panasonic Lumix Sync app. This allows for remote control, image transfer, and geotagging.

1. Download and install the 'Lumix Sync' app on your smart device.
2. On the camera, navigate to the Wi-Fi menu and select 'New Connection'.
3. Follow the on-screen instructions to connect your smart device to the camera's Wi-Fi network.

7.2 USB Connection

Connect the camera to a computer using the supplied USB cable to transfer images and videos. The camera will appear as a removable drive on your computer.

8. MAINTENANCE

8.1 Cleaning the Camera

- **Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water.
- **Lens:** Use a lens blower brush to remove dust, then gently wipe with a clean lens cloth. Avoid touching the lens surface with your fingers.
- **Sensor:** If dust appears on images, use the camera's sensor cleaning function or consult a professional service center.

8.2 Storage

- Store the camera in a cool, dry, well-ventilated place, 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 to absorb moisture if storing in humid environments.

9. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause / Solution
Camera does not power on.	Battery is not charged or incorrectly inserted. Ensure battery is charged and inserted correctly.
Cannot take pictures.	Memory card is full, locked, or not inserted. Check card status, replace if full, or unlock.
Images are blurry.	Camera shake, incorrect focus, or low light. Use a faster shutter speed, check focus mode, or use a tripod.
Wi-Fi connection fails.	Incorrect password, camera/device too far apart, or app issue. Re-enter password, move closer, restart app/camera.

10. SPECIFICATIONS

Key technical specifications for the Panasonic Lumix G97.

Feature	Detail
Sensor Type	Micro Four Thirds Live MOS Sensor
Effective Pixels	Approx. 20.3 Megapixels
Image Stabilization	5-axis Dual I.S. 2 (when used with compatible lenses)
Video Recording	4K (up to 30p), Full HD (up to 60p)

Feature	Detail
Viewfinder	OLED Live View Finder (approx. 2.36M dots)
LCD Monitor	3.0-inch Free-Angle Touch LCD (approx. 1.24M dots)
Connectivity	Wi-Fi (IEEE 802.11b/g/n), Bluetooth v4.2 (Bluetooth Low Energy)
Storage Media	SD Memory Card, SDHC Memory Card, SDXC Memory Card (UHS-I/II compatible)
Battery Life	Approx. 290 shots (CIPA standard)

11. WARRANTY AND CUSTOMER SUPPORT

Your Panasonic Lumix G97 camera is covered by a limited warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details. For technical assistance, service, or to inquire about replacement parts, please visit the official Panasonic support website or contact your local Panasonic customer service center. Contact information can typically be found on the Panasonic regional website for your country.

Note: This manual provides general information. Specific features and operations may vary slightly based on firmware versions or regional models. Always refer to the latest information available on the official Panasonic support channels.