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Panasonic DMC-LX100K

Panasonic LUMIX LX100 4K Point and Shoot Camera

MODEL: DMC-LX100K

Integrated Leica DC Lens Zoom Camera with Advanced Controls

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Panasonic LUMIX LX100 4K Point and Shoot Camera. Please read this manual thoroughly before using your camera and retain it for future reference.

Key Features:

- Legendary LUMIX LX Series with manual controls designed to inspire creativity.
- Superior light capture with a large, multi-aspect Micro Four Thirds sensor.
- Fast f1.7-2.8, 24-75mm (35mm equivalent) Leica DC VARIO-SUMMILUX lens, for producing shallow depth of field and out-of-focus blur effects.
- Clear and stable framing, thanks to the eye-level EVF (2,764k dot) and Optical Image Stabilizer (POWER O.I.S.).
- Full hybrid photo experience with 30p 4K Ultra HD video and 4K photo mode.

2. SETUP

2.1. Unpacking the Camera

Verify that all items are present in the packaging:

- Panasonic Lumix DMC-LX100K 4K Point and Shoot Camera
- External Flash
- Battery
- USB Cable
- Shoulder Strap

2.2. Battery Installation

Insert the provided battery into the battery compartment located at the bottom of the camera. Ensure correct orientation according to the markings inside the compartment. Close the battery compartment cover securely.

2.3. Memory Card Insertion

The camera supports SD/SDHC/SDXC (UHS-I) memory cards. Open the memory card slot cover, typically located near the battery compartment. Insert the memory card with the label facing the correct direction until it clicks into place. Close the cover securely.

2.4. Initial Power On and Basic Settings

Press the power button to turn on the camera. Upon first use, you may be prompted to set the language, date, and time. Follow the on-screen instructions to configure these settings.

3. OPERATING THE CAMERA

3.1. Camera Layout and Controls

Familiarize yourself with the camera's physical controls for efficient operation.



Figure 1: Top View of Camera. This image displays the top panel of the Panasonic LUMIX LX100, highlighting the shutter speed dial, exposure compensation dial, and the power switch/shutter button. The lens barrel with its aperture ring is also visible.



Figure 2: Rear View of Camera. This image shows the back of the camera, featuring the LCD screen, electronic viewfinder (EVF), and various control buttons such as Fn1, Fn2, Fn3, AF/AE Lock, Q.MENU, ISO, WB, and DISP.

3.2. Basic Photography Modes

The camera offers various exposure control modes including Aperture priority, Manual, Program, and Shutter priority. These can be selected via the dedicated dials and menu options to suit different shooting scenarios.

3.3. Focusing

The LUMIX LX100 features a Hybrid Auto Focus (AF) system with 49 autofocus points, utilizing contrast detection for precise focusing. Both Continuous-Servo AF (AF-C) and Manual Focus (MF) modes are available. Manual focus can be adjusted via the lens ring.

3.4. Image Quality Settings

Images can be captured in JPEG (DCF/EXIF v2.3) and Raw (RW2) formats. JPEG quality levels include Basic, Fine, and Normal. The effective still resolution is 12.8 MP.

3.5. Video Recording

The camera supports 4K UHD 2160p video recording at 30 frames per second. A dedicated Movie Mode is available for video capture. The optical image stabilization (POWER O.I.S.) helps in achieving stable video footage.

3.6. Flash Usage

The camera includes an external flash unit. Attach the external flash to the hot shoe mount on top of the camera when additional illumination is required. Flash modes include Automatic.



Figure 3: Camera with External Flash. This image illustrates the Panasonic LUMIX LX100 with its external flash unit mounted on the hot shoe, ready for use in low-light conditions.

3.7. Connectivity

The camera offers multiple connectivity options:

- **USB:** For connecting to computers (1 Total USB 2.0 Port).

- **HDMI:** Type D Micro HDMI for video output (1 Total Video Out Port).
- **Wireless:** Wi-Fi and NFC enabled for seamless transfer to compatible devices.



Figure 4: Side View with Ports. This image highlights the side of the camera, displaying the USB and HDMI ports for data transfer and video output.

4. MAINTENANCE

4.1. Cleaning

Regularly clean the camera body with a soft, dry cloth. For the lens, use a specialized lens cleaning solution and microfiber cloth. Avoid using abrasive materials or harsh chemicals. Keep the sensor clean by using a blower brush or seeking professional cleaning if dust spots appear on images.

4.2. Storage

When not in use, store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Use a camera bag or case to protect it from dust, moisture, and physical damage. Remove the battery if the camera will not be used for an extended period.

5. TROUBLESHOOTING

Common Issues and Solutions:

- **Camera not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check focus settings (AF/MF), ensure sufficient lighting, and verify image stabilization (POWER O.I.S.) is active if needed.
- **Memory card error:** Reinsert the memory card, try a different compatible card, or format the card (note: formatting deletes all data).
- **Flash not firing:** Ensure the external flash is properly attached and enabled in camera settings.

For more complex issues, refer to the detailed troubleshooting section in the full user manual or contact Panasonic customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	Panasonic
Model Name	Panasonic LUMIX LX100
Model Number	DMC-LX100K
Photo Sensor Resolution	12.8 MP
Photo Sensor Size	Micro Four Thirds
Lens Type	Leica DC VARIO-SUMMILUX lens with micro four thirds lens mount
Optical Zoom	3.1x
Maximum Aperture	f/1.7
Image Stabilization	Optical (POWER O.I.S.)
Video Resolution	4K UHD 2160p
Supported File Format	JPEG (DCF/EXIF v2.3), Raw (RW2)
ISO Range	Auto, 200-25600 (expands to 100-25600)
Viewfinder	Electronic
Screen Size	3 Inches
Connectivity Technology	HDMI, NFC, USB, Wi-Fi
Item Weight	0.87 Pounds

7. WARRANTY AND SUPPORT

7.1. Warranty Information

The Panasonic LUMIX LX100 (DMC-LX100K) comes with a 1-year coverage for parts. Please retain your proof of purchase for warranty claims.

7.2. Legal Disclaimer

This product is covered by a 1-year seller warranty. A 30-day return and refund policy applies. Please note that the product box corner may have been pressured during shipping.

