

Panasonic DC-FZ80K

Panasonic LUMIX DC-FZ80K 4K Digital Camera Instruction Manual

Model: DC-FZ80K

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Panasonic LUMIX DC-FZ80K 4K Digital Camera. The DC-FZ80K is an 18.1-megapixel camera featuring a 60x optical zoom lens (20-1200mm equivalent), 4K video recording capabilities, and Power O.I.S. (Optical Image Stabilizer) for clear, stable images and videos.

2. SETUP

2.1 Unpacking

Verify that all items are present in the package:

- Panasonic LUMIX DC-FZ80K Camera
- Battery Pack
- AC Adaptor
- USB Cable
- Shoulder Strap

2.2 Battery Charging and Installation

Before first use, fully charge the supplied battery pack. The camera supports USB charging.

1. Insert the battery pack into the camera with the correct orientation.
2. Connect the camera to the AC adaptor using the USB cable, then plug the adaptor into a power outlet. The charge indicator will illuminate.
3. Charging is complete when the indicator turns off.

2.3 Memory Card Insertion

The camera uses SDXC memory cards (not included).

1. Open the memory card slot cover.
2. Insert the memory card until it clicks into place, with the label facing the correct direction.
3. Close the cover securely.

2.4 Initial Power On

Press the power button to turn on the camera. Follow any on-screen prompts for initial setup, such as setting the date and time.

3. OPERATING THE CAMERA

3.1 Camera Controls Overview

Familiarize yourself with the camera's layout and controls.



Front view of Panasonic LUMIX DC-FZ80K camera. This image displays the front of the Panasonic LUMIX DC-FZ80K digital camera, highlighting its prominent lens with 'LUMIX DC VARIO' and aperture details, and the 'LUMIX' logo on the top.



Back view of Panasonic LUMIX DC-FZ80K camera. The rear view of the Panasonic LUMIX DC-FZ80K camera, featuring the 3-inch LCD display, electronic viewfinder, and various control buttons for navigation and settings adjustment.

3.2 Taking Photos

The DC-FZ80K offers various shooting modes, including Intelligent Auto for simplified operation and manual modes for advanced control.

- **Zoom Operation:** Use the zoom lever around the shutter button to adjust the 60x optical zoom.
- **Image Stabilization:** The Power O.I.S. (Optical Image Stabilizer) helps reduce blur caused by camera shake, especially at longer zoom settings.
- **4K Photo Modes:** Utilize the 4K Photo feature to extract high-resolution still images from 4K video bursts, capturing fast-moving subjects.

3.3 Recording 4K Video

The camera supports 4K QFHD video recording (3840 x 2160).

1. Set the mode dial to the video recording mode.

2. Press the dedicated video record button to start and stop recording.

3.4 Using the Viewfinder and LCD

The camera features a high-resolution 1,170K dot electronic viewfinder (EVF) and a rear touch-enabled 3-inch LCD display (1040 dots). You can switch between the EVF and LCD as needed for composing shots.

3.5 Focusing

The DC-FZ80K utilizes DFD (Depth From Defocus) technology for fast and accurate autofocus. You can also manually adjust focus or select specific focus points using the touch screen.

3.6 Wi-Fi Connectivity

Connect your camera to a mobile device via Wi-Fi to transfer images, remotely control the camera, and share content. Refer to the camera's menu for Wi-Fi setup instructions.

4. MAINTENANCE

4.1 Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For the lens, use a lens brush or a specialized lens cleaning cloth and solution. Avoid touching the lens surface directly.
- Clean the LCD screen with a soft, lint-free cloth.

4.2 Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.

4.3 Storage

When storing the camera for extended periods, remove the battery and memory card. Store the camera in a dry, dust-free environment, preferably with a desiccant to prevent mold growth.

5. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following general advice. For detailed troubleshooting steps, consult the official user manual PDF, specifically page 54.

- **Camera not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check if Power O.I.S. is enabled. Ensure sufficient lighting or use a tripod in low-light conditions.
- **Memory card error:** Reinsert the memory card or try a different, compatible card. Ensure the card is not locked.
- **Wi-Fi connection issues:** Verify camera and mobile device settings. Ensure the Panasonic Image App is installed on your mobile device.

6. SPECIFICATIONS

Key technical specifications for the Panasonic LUMIX DC-FZ80K camera:



Dimensions of Panasonic LUMIX DC-FZ80K camera. This diagram illustrates the physical dimensions of the Panasonic LUMIX DC-FZ80K camera, including its height (94.3mm / 3.71"), width (130.2mm / 5.13"), and depth (119.2mm / 4.69"), along with its weight (616g / 1.36 lb).

Feature	Specification
Model Name	Panasonic Lumix FZ80 (DC-FZ80K)
Photo Sensor Resolution	18.1 Megapixels
Optical Zoom	60x
Lens	DC VARIO 20-1200mm (35mm equivalent)
Maximum Aperture	F2.8-5.9
Image Stabilization	Optical (Power O.I.S.)
Video Resolution	4K UHD 2160p (3840 x 2160)
Display	3-inch Touch-Enabled LCD (1040 dots)
Viewfinder	0.20" LVF (Live View Finder) (1,166k dots equiv.)
Connectivity	Wi-Fi (802.11b/g/n), HDMI (Micro), USB 2.0
Battery Type	Rechargeable Lithium-Ion, 7.2 VDC, 895 mAh
Weight	1.36 Pounds (616g with SD card and battery)
Dimensions (W x H x D)	130.2 x 94.3 x 119.2 mm (5.13 x 3.71 x 4.69 inches)
Supported File Format	RAW and JPEG
Memory Storage	SDXC, SDHC, SD Memory Card

7. WARRANTY AND SUPPORT

Your Panasonic LUMIX DC-FZ80K camera comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For further assistance, technical support, or to download the full user manual, please visit the official Panasonic support website or contact their customer service.

Note: Specifications and design are subject to change without notice.