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Panasonic DC-FZ80D / DC-FZ85D

Panasonic Lumix DC-FZ80D / DC-FZ85D Digital Camera

Instruction Manual

Introduction

This manual provides essential information for the safe and effective use of your Panasonic Lumix DC-FZ80D or DC-FZ85D digital camera. Please read it thoroughly before operating the camera and keep it for future reference. The Lumix DC-FZ80D/DC-FZ85D is a versatile digital camera featuring an 18.1MP High-Sensitivity MOS sensor, a powerful 60x optical zoom lens (20-1200mm equivalent), and 4K video recording capabilities. It is designed for users seeking a comprehensive imaging solution without the need for interchangeable lenses.



Front view of the Panasonic Lumix DC-FZ80D/DC-FZ85D Digital Camera with its lens retracted. This image shows the compact form factor of the camera.

Setup

1. Unpacking and Checking Contents

Carefully unpack your camera and ensure all included items are present:

- Panasonic Lumix DC-FZ80D/DC-FZ85D Digital Camera
- Rechargeable Lithium-Ion Battery (DMW-BMB9)
- AC Adapter
- USB Cable
- Shoulder Strap
- Lens Cap
- Lens Cap String

2. Battery Installation and Charging

1. Open the battery compartment cover on the bottom of the camera.
2. Insert the DMW-BMB9 battery with the contacts facing inward, ensuring it clicks into place.
3. Close the battery compartment cover.
4. Connect the AC adapter to the camera via the USB cable, then plug the AC adapter into a power outlet. The charge indicator will illuminate during charging and turn off when complete.

3. Memory Card Insertion

The camera supports SDXC memory cards. A 256GB High Speed UHS-I SDXC U3 Memory Card is included with this bundle.

1. Open the memory card slot cover, usually located near the battery compartment.
2. Insert the SDXC memory card with the label facing the front of the camera until it clicks.
3. Close the memory card slot cover.

4. Attaching the Shoulder Strap and Lens Cap

- Thread the shoulder strap through the strap lugs on both sides of the camera.
- Attach the lens cap string to prevent loss of the lens cap.
- Place the lens cap on the front of the lens when the camera is not in use.

5. Initial Power-On and Basic Settings

1. Press the power button to turn on the camera.
2. Follow the on-screen prompts to set the date, time, and language.

Operating the Camera

1. Basic Photography



Rear view of the Panasonic Lumix DC-FZ80D/DC-FZ85D Digital Camera, highlighting the LCD screen, electronic viewfinder, and various control buttons for navigation and settings adjustment.

- **Power On/Off:** Press the **[ON/OFF]** button located on the top of the camera.
- **Holding the Camera:** Hold the camera firmly with both hands, one hand supporting the lens and the other gripping the camera body.
- **Mode Dial:** Rotate the mode dial (located on the top right) to select your desired shooting mode:
  - **iA (Intelligent Auto):** Camera automatically optimizes settings.
  - **P (Program AE):** Camera sets aperture and shutter speed, you control other settings.
  - **A (Aperture Priority AE):** You set aperture, camera sets shutter speed.
  - **S (Shutter Priority AE):** You set shutter speed, camera sets aperture.
  - **M (Manual Exposure):** You control both aperture and shutter speed.
  - **Scene Modes:** Pre-set modes for specific situations (e.g., Portrait, Landscape).
- **Focusing:** The camera uses contrast detection autofocus. Press the shutter button halfway down to focus. The focus frame will turn green when focus is achieved. For manual focus, switch to MF mode and use the control dial to adjust focus.
- **Shutter Button:** Press the shutter button fully to take a picture.
- **Zoom Operation:** Use the zoom lever around the shutter button to adjust the 60x optical zoom. Push it towards 'W' for wide-angle and 'T' for telephoto.
- **Flash Usage:** The camera has a built-in pop-up flash. Press the flash button to raise it. Select flash modes (Auto, Forced Flash, Slow Sync, Red-eye Reduction) via the menu.



Front view of the Panasonic Lumix DC-FZ80D/DC-FZ85D Digital Camera with its powerful 60x optical zoom lens fully extended, demonstrating its telephoto capabilities.

2. Advanced Features

- **4K Photo Mode:** This mode allows you to extract 8MP still images from 4K video footage. Access it via the mode dial or dedicated button.
- **4K Video Recording:** The camera records UHD 4K/30p video at 100 Mbps. Press the dedicated video recording button to start/stop recording.
- **Post Focus:** Capture an image and then select the desired focus point after shooting. This feature is accessible through the camera's menu.
- **Electronic Viewfinder (EVF) and LCD:** Switch between the EVF and the rear LCD monitor using the **[LVF]** button or automatic eye sensor.

3. Playback

- Press the **[Playback]** button to view your captured photos and videos.
- Use the directional pad to navigate through images.
- To delete an image, press the **[Delete]** button during playback and confirm.

Maintenance

1. Cleaning the Camera

- **Lens:** Use a soft brush to remove dust, then gently wipe with a lens cleaning cloth and lens cleaning solution. Avoid touching the lens surface with your fingers.
- **Body:** Wipe the camera body with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Do not use organic solvents.
- **LCD Monitor/EVF:** Use a soft, dry cloth to gently wipe.

2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If storing for extended periods, charge the battery to about 50% capacity.

3. Memory Card Handling

- Always format new memory cards in the camera before first use.
- Do not remove the memory card while the camera is writing or reading data.
- Keep memory cards away from strong magnetic fields and static electricity.

4. Storage

When storing the camera for an extended period, remove the battery and memory card. Store the camera in a dry, well-ventilated area, preferably in a camera bag to protect it from dust and impacts.

Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

- **Camera does not turn on:**
  Check if the battery is charged and correctly inserted. Ensure the battery compartment cover is closed securely.
- **Images are blurry:**
  Check focus settings. Ensure the lens is clean. Use a higher shutter speed in low light or enable image stabilization (POWER O.I.S.).
- **Memory card error:**
  Ensure the memory card is inserted correctly. Try reformatting the card (this will erase all data). If the error persists, try a different memory card.
- **Flash does not fire:**
  Ensure the flash is raised. Check flash mode settings; it may be set to 'Flash Off'.
- **Cannot record 4K video:**
  Ensure you are using a high-speed memory card (UHS Speed Class 3 or higher) capable of handling 4K data rates. Check available memory card space.

For more complex issues, consult the full user manual available on the Panasonic support website or contact customer support.

Specifications

Feature	Specification
Model Name	DC-FZ80DK / DC-FZ85DK
Sensor Type	18.1MP High-Sensitivity MOS Sensor (1/2.3-inch)
Lens	Lumix DC Vario lens, 60x Optical Zoom (20-1200mm equivalent)
Image Stabilization	POWER O.I.S. (Optical Image Stabilizer)
Video Recording	UHD 4K/30p at 100 Mbps, MP4 format
Still Image Resolution	18.1 MP (JPEG, RAW)
ISO Sensitivity	100-6400 (Expanded)
Continuous Shooting	Up to 10 fps
Viewfinder	1.166m-Dot Electronic Viewfinder
Display	2.3-inch LCD
Memory Card Slot	SDXC (UHS Speed Class 3 recommended for 4K)
Battery Type	Lithium-Ion (DMW-BMB9)
Connectivity	USB
Weight	Approximately 4.27 Pounds (with battery and memory card)

Warranty and Support

Your Panasonic Lumix DC-FZ80D/DC-FZ85D Digital Camera is covered by a manufacturer's 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 support, service, or to download the full detailed operating instructions, please visit the official Panasonic support website. You can typically find support resources by searching for your specific model number (DC-FZ80D or DC-FZ85D) on the Panasonic website.

Online Support: Panasonic Global Support

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