

Panasonic DC-FZ80D

Panasonic Lumix DC-FZ80D / DC-FZ85D Digital Camera User Manual

Model Numbers: DC-FZ80D, DC-FZ85D

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Panasonic Lumix DC-FZ80D / DC-FZ85D Digital Camera. Please read this manual thoroughly before using your camera and retain it for future reference. The Lumix DC-FZ80D / DC-FZ85D is a versatile digital camera featuring an 18.1MP High-Sensitivity MOS sensor, a 60x optical zoom lens, and 4K video recording capabilities.

1. SETUP

1.1 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

1.2 Attaching the Shoulder Strap

Attach the shoulder strap to the camera's strap lugs on both sides. Ensure it is securely fastened to prevent accidental drops.

1.3 Inserting and Charging the Battery

1. Open the battery/memory card cover located on the bottom of the camera.
2. Insert the DMW-BMB9 battery with the contacts facing the correct direction, pushing it until it locks into place.
3. Close the battery/memory card cover.

4. Connect the camera to the AC adapter using the USB cable. Plug the AC adapter into a power outlet. The charging indicator will illuminate.
5. Charging is complete when the indicator light turns off. A full charge typically takes approximately 2.5 hours.

1.4 Inserting a Memory Card

The camera supports SDXC memory cards. A 64GB High Speed UHS-I SDXC U3 Memory Card is included with this bundle.

1. Open the battery/memory card cover.
2. Insert the memory card into the slot with the label facing the front of the camera, pushing it gently until it clicks into place.
3. Close the battery/memory card cover.



Figure 1: Front view of the Panasonic Lumix DC-FZ80D Digital Camera with lens retracted. This image shows the overall design and the prominent Lumix branding.

2. OPERATING THE CAMERA

2.1 Power On/Off

Press the **[ON/OFF]** button located on the top of the camera to turn it on or off.

2.2 Basic Photography

Shooting Modes

Rotate the mode dial on the top of the camera to select your desired shooting mode:

- **Intelligent Auto (iA):** Camera automatically optimizes settings for the scene.
- **Program AE (P):** Camera sets aperture and shutter speed, but you can adjust other settings.
- **Aperture Priority AE (A):** You set the aperture, camera sets shutter speed.
- **Shutter Priority AE (S):** You set the shutter speed, camera sets aperture.
- **Manual Exposure (M):** You control both aperture and shutter speed.
- **Scene Guide (SCN):** Select from various preset scene modes (e.g., Portrait, Landscape, Sports).

Focusing and Zoom

The camera features a 60x optical zoom Lumix DC Vario lens (20-1200mm equivalent).

- **Zoom Lever:** Use the zoom lever around the shutter button to adjust the focal length. Push it towards 'W' for wide-angle and 'T' for telephoto.
- **Autofocus:** The camera uses contrast detection autofocus. Half-press the shutter button to focus on your subject.
- **Manual Focus (MF):** Switch to MF mode using the AF/AE/MF switch on the rear of the camera and use the control dial to adjust focus.



Figure 2: Front view of the Panasonic Lumix DC-FZ80D Digital Camera with its 60x optical zoom lens extended, demonstrating its telephoto capability.

Taking a Picture

1. Frame your shot using the electronic viewfinder or the LCD screen.
2. Half-press the shutter button to focus. The focus frame will turn green when focus is achieved.
3. Fully press the shutter button to take the picture.

Flash Usage

The camera has a built-in flash. Press the flash button to pop it up. You can select various flash modes (Auto, Forced Flash, Slow Sync, Red-eye Reduction) through the camera's menu.

Image Stabilization

The camera features POWER O.I.S. (Optical Image Stabilizer) to minimize blur from camera shake, especially useful when using the long zoom or in low light conditions. This feature is typically active by default.

2.3 Video Recording

The DC-FZ80D / DC-FZ85D can record UHD 4K/30p video at 100 Mbps.

1. To start recording, press the dedicated **[REC]** button (red dot) on the top of the camera.
2. To stop recording, press the **[REC]** button again.

4K Photo Mode

This mode allows you to capture 30 fps at 8MP and extract still images from 4K video footage. Access 4K Photo mode via the mode dial or menu settings.

2.4 Playback

Press the **[Playback]** button (triangle icon) on the rear of the camera to view your photos and videos.

- Use the control dial or arrow buttons to navigate through images.
- Press the **[MENU/SET]** button to access playback options, including deleting images.



Figure 3: Rear view of the Panasonic Lumix DC-FZ80D Digital Camera, highlighting the LCD screen, electronic viewfinder, and various control buttons for menu navigation and settings adjustment.

3. MAINTENANCE

3.1 Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water, then wipe dry. Avoid using organic solvents.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth. Avoid touching the lens surface with your fingers.
- **LCD Screen:** Use a soft, dry cloth. For smudges, use a screen cleaner specifically designed for electronics.

3.2 Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If not using the camera for an extended period, remove the battery.

3.3 Storage

When storing the camera for long periods, remove the battery and memory card. Store the camera in a dry, well-ventilated area, away from direct sunlight and extreme temperatures. Use a soft camera bag for protection.

4. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
Camera does not turn on.	Battery is not charged or incorrectly inserted. Ensure battery is fully charged and correctly seated. Check if the battery contacts are clean.
Images are blurry.	Camera shake: Hold the camera steady, use a tripod, or enable POWER O.I.S. Incorrect focus: Ensure the camera has focused correctly before fully pressing the shutter button.
Flash does not fire.	Flash is closed: Pop up the flash manually. Flash mode is set to 'Flash Off'. Battery level is low.
Memory card error.	Memory card is full, corrupted, or incorrectly inserted. Try reinserting the card or using a different card. Format the card (this will erase all data).
Cannot record 4K video.	Memory card speed is insufficient. Use a UHS Speed Class 3 (U3) or higher SDXC card.

If the problem persists after trying these solutions, please contact Panasonic customer support.

5. SPECIFICATIONS

Key technical specifications for the Panasonic Lumix DC-FZ80D / DC-FZ85D Digital Camera:

- **Sensor:** 18.1 MP High-Sensitivity MOS Sensor (1/2.3-inch)
- **Lens:** Lumix DC Vario, 60x Optical Zoom (20-1200mm equivalent)
- **Image Stabilization:** POWER O.I.S. (Optical Image Stabilizer)
- **Video Recording:** UHD 4K (3840 x 2160) at 30p/25p/24p, Full HD (1920 x 1080) at 60p/50p
- **ISO Sensitivity:** 100-6400 (Expanded)
- **Shutter Speed:** 1/2000 to 4 seconds (Mechanical), 1/16000 to 1 second (Electronic)
- **Continuous Shooting:** Up to 10 fps
- **Viewfinder:** 1.166m-Dot Electronic Viewfinder
- **Display:** 3.0-inch 1.04m-Dot LCD Monitor (Fixed)
- **Connectivity:** USB, HDMI
- **Storage Media:** SD/SDHC/SDXC Memory Card (UHS-I compatible)
- **Battery:** DMW-BMB9 Lithium-Ion

- **Dimensions (W x H x D):** Approx. 130.2 x 94.3 x 119.2 mm (5.13 x 3.71 x 4.69 inches)
- **Weight:** Approx. 616 g (1.36 lb) with battery and SD card

6. WARRANTY INFORMATION

Your Panasonic Lumix DC-FZ80D / DC-FZ85D Digital Camera is covered by a manufacturer's limited warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Retain your proof of purchase for warranty claims.

7. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or service inquiries, please contact Panasonic customer support. You can find contact information and additional resources on the official Panasonic website:

[Panasonic Official Support Website](#)

For questions regarding bundle items (e.g., memory card, LED light, tripod), please contact the seller directly.