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Panasonic DMC-FZ100

Panasonic Lumix DMC-FZ100 Digital Camera Instruction Manual

Model: DMC-FZ100

Introduction | Safety Information | Setup | Operating the Camera | Maintenance | Troubleshooting | Specifications | Warranty & Support

1. Introduction

Thank you for purchasing the Panasonic Lumix DMC-FZ100 Digital Camera. This camera is designed to capture high-quality still images and full 1080p High Definition (HD) video with ease. Featuring a powerful 24x optical zoom Leica DC Vario-ELMARIT lens and a 14.1-megapixel MOS sensor, the DMC-FZ100 offers advanced photographic capabilities in a compact form factor. This manual provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance and longevity.



Figure 1: Front view of the Panasonic Lumix DMC-FZ100 Digital Camera, showcasing its compact design and prominent lens.

2. Safety Information

Please read all safety instructions carefully before using your camera. Keep this manual for future reference.

- **Battery Safety:** Use only specified battery packs and chargers. Do not expose batteries to excessive heat or dispose of them in fire.
- **Water and Moisture:** This camera is not waterproof. Avoid exposing it to rain, moisture, or extreme humidity.
- **Handling:** Do not drop the camera or subject it to strong impacts. Avoid touching the lens directly with your fingers.
- **Cleaning:** Use a soft, dry cloth for cleaning. For stubborn dirt, use a lens cleaning solution specifically designed for camera optics.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.

3. Setup

3.1. Installing the Battery

1. Open the battery compartment cover located on the bottom of the camera.
2. Insert the supplied battery pack, ensuring the correct orientation as indicated inside the compartment.
3. Close the battery compartment cover securely until it clicks into place.

3.2. Inserting a Memory Card

The Lumix DMC-FZ100 supports SD/SDHC/SDXC memory cards.

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

3.3. Charging the Battery

Use the supplied battery charger and USB cable to charge the battery. Connect the charger to a power outlet and the camera via the USB cable. The charging indicator will show the charging status.

4. Operating the Camera

4.1. Powering On/Off

Press the **POWER** button located on the top of the camera to turn it on or off.

4.2. Basic Photography Modes

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

- **Intelligent Auto (iA) Mode:** The camera automatically detects the scene and adjusts settings for optimal results. This mode includes features like Motion Deblur, Intelligent ISO Control, Face Recognition, and Intelligent Scene Selector.
- **Program AE (P) Mode:** The camera sets the exposure automatically, but you can adjust other settings.
- **Aperture Priority (A) Mode:** You set the aperture, and the camera sets the shutter speed.
- **Shutter Priority (S) Mode:** You set the shutter speed, and the camera sets the aperture.
- **Manual (M) Mode:** You control both aperture and shutter speed.
- **Scene Modes (SCN):** Choose from various preset scene modes (e.g., Portrait, Landscape, Sports) for specific shooting conditions.
- **My Color Mode:** Apply creative color effects like Pin Hole, Film Grain, High Dynamic, and High Dynamic B&W.

4.3. Zoom Operation

Use the zoom lever around the shutter button to adjust the 24x optical zoom. The camera also features continuous Auto Focus for action shots.

4.4. Recording Videos

The DMC-FZ100 can record full 1080p HD videos in AVCHD format with Dolby Digital Stereo Creator. Press the dedicated **Movie Record Button** to start and stop video recording.

5. Maintenance

5.1. Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. Do not use organic solvents.

- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth. For smudges, use a small amount of lens cleaning fluid on the cloth.
- **LCD Monitor:** Gently wipe with a soft, dry cloth.

5.2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Store batteries in a cool, dry place when not in use.

6. Troubleshooting

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or incorrectly inserted.	Charge the battery or reinsert it correctly.
Images are blurry.	Camera shake, incorrect focus, or low light.	Hold the camera steady, use POWER O.I.S., ensure proper focus, or use flash/higher ISO.
Cannot record images/videos.	Memory card is full or not inserted.	Delete unnecessary files, insert a new card, or check card insertion.
Flash does not fire.	Flash mode is off or battery is low.	Check flash settings, ensure battery is charged.

7. Specifications

Model Name: Panasonic Lumix DMC-FZ100

Photo Sensor Resolution: 14.1 MP

Optical Zoom: 24x

Image Stabilization: Optical (POWER O.I.S.)

Video Resolution: FHD 1080p (AVCHD format)

Screen Size: 3.0 Inches (Free-angle LCD)

Display Resolution Maximum: 460,000 dots

Supported File Format: AVCHD, JPEG

Memory Card Type: SD/SDHC/SDXC (not included)

Connectivity: HDMI, USB

Item Weight: 1.19 Pounds

Color: Black

8. Warranty & Support

This product comes with a **FULL 90 DAY PARTS AND LABOR WARRANTY**. For detailed warranty information and support, please refer to the warranty card included with your product or visit the official Panasonic support website. Keep your proof of purchase for any warranty claims.

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