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Panasonic DC-TZ91

Panasonic Lumix DC-TZ91 Compact Camera User Manual

1. Introduction

Welcome to your Panasonic Lumix DC-TZ91 compact digital camera. This manual provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance and help you capture high-quality photos and videos.

Key Features

- **20.3 Megapixel MOS Sensor:** For high-resolution images.
- **30x Optical Zoom LEICA DC Lens:** Equivalent to 24-720mm focal length for versatile shooting.
- **4K Ultra HD Video Recording:** Capture stunning video at 3840 x 2160 pixels.
- **3-inch Tilting Touchscreen LCD:** For flexible viewing and intuitive control.
- **Wi-Fi Connectivity:** For easy sharing and remote control.
- **Image Stabilization:** To reduce blur from camera shake.

2. Product Overview

Familiarize yourself with the main components of your Panasonic Lumix DC-TZ91 camera.

Camera Components



Figure 2.1: Front View. This image displays the front of the camera, highlighting the LEICA DC VARIO-ELMAR lens, built-in flash, and ergonomic grip.



Figure 2.2: Rear View. The back of the camera features the 3-inch LCD monitor, electronic viewfinder (LVF), and various control buttons for navigation and settings.



Figure 2.3: Tilting Screen. This view shows the LCD screen tilted upwards, demonstrating its flexibility for various shooting angles, including selfies.



Figure 2.4: Lens Extended. An angled perspective of the camera with the lens fully extended, illustrating the powerful 30x optical zoom.



Figure 2.5: Camera Dimensions. A diagram illustrating the compact dimensions of the camera: approximately 112 mm (width) x 67.3 mm (height) x 41.2 mm (depth).

3. Setup

3.1 Charging the Battery

1. Insert the supplied Lithium-ion battery into the camera.
2. Connect the camera to a power source using the provided USB cable and AC adapter. The charge indicator will light up during charging.
3. Charging is complete when the indicator turns off.

3.2 Inserting a Memory Card

1. Open the memory card/battery cover.
2. Insert an SD, SDHC, or SDXC memory card into the slot with the label facing the correct direction until it clicks into place.
3. Close the cover securely.

3.3 Initial Settings

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

4. Operating the Camera

4.1 Basic Photography

1. **Power On:** Press the power button.
2. **Select Mode:** Rotate the mode dial to choose your desired shooting mode (e.g., Intelligent Auto, Program AE, Aperture Priority, Shutter Priority, Manual).
3. **Frame Your Shot:** Use the LCD monitor or the electronic viewfinder to compose your image.
4. **Focus:** Press the shutter button halfway down to focus.
5. **Capture:** Press the shutter button fully to take the picture.
6. **Zoom:** Use the zoom lever around the shutter button to adjust the 30x optical zoom.

4.2 Video Recording

1. Switch the camera to video recording mode.
2. Press the dedicated video record button to start recording.
3. Press the button again to stop recording. The camera supports 4K Ultra HD video at 3840 x 2160 pixels.

4.3 Using the Touchscreen

The 3-inch touchscreen allows for intuitive control:

- Tap to select menu options.
- Tap to set the focus point.
- Swipe to browse images in playback mode.
- The screen can be tilted 180 degrees for convenient self-portraits.

4.4 Connectivity

- **Wi-Fi:** Connect your camera to a smartphone or tablet using the Panasonic Image App for remote control, image transfer, and geotagging.
- **HDMI:** Use a Micro HDMI cable to connect the camera to an HD television for viewing photos and videos on a larger screen.
- **USB:** Connect the camera to a computer using the Micro-USB B port for transferring files or charging the battery.

5. Maintenance

5.1 Cleaning the Camera

- **Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth and lens cleaning solution. Avoid touching the lens surface with your fingers.
- **LCD Monitor:** Use a soft, dry cloth. Do not press hard on the screen.

5.2 Storage

- Store the camera in a cool, dry place away from direct sunlight, high temperatures, and humidity.
- If storing for an extended period, remove the battery to prevent leakage.

6. Troubleshooting

This section addresses common issues you might encounter with your camera.

Common Issues and Solutions

- **Camera does not turn on:**
  - Ensure the battery is fully charged.
  - Check that the battery is inserted correctly.
- **Images are blurry:**
  - Check the focus mode and ensure the camera has focused correctly.

- Ensure there is sufficient light for the shot.
- Utilize the camera's image stabilization feature.

- **Wi-Fi connection issues:**
  - Ensure the camera and the connected device are within range.
  - Verify Wi-Fi settings on both the camera and the device.

- **Memory card error:**
  - Ensure the memory card is inserted correctly.
  - Try using a different, compatible memory card.
  - If necessary, format the memory card (note: this will erase all data on the card).

7. Specifications

Detailed technical specifications for the Panasonic Lumix DC-TZ91 camera.

Feature	Specification
Brand	Panasonic
Model Number	DC-TZ91EG-K
Color	Black
Product Type	Compact Camera
Optical Sensor Resolution	20.3 Megapixels
Optical Zoom	30x
Digital Zoom	2x
Screen Size	3 inches HD
Image Stabilization	Yes
Special Features	Touchscreen
Focal Length	4.3 - 129 mm (equivalent to 24-720mm)
Aperture	f/3.3 - f/6.4
Viewfinder Type	Digital
Connectivity Technology	HDMI, USB, Wi-Fi
Battery Composition	Lithium-ion
Video Resolution	2160p (4K Ultra HD)
Compatible Devices	Computers, smartphones, tablets, printers, televisions, external storage devices

Feature	Specification
Dimensions (L x W x H)	41 x 112 x 67 mm; 300 grams
Burst Mode Speed	10 frames per second
ISO Range	80-3200 (Expanded to 6400)
Minimum Shutter Speed	1/500 seconds
Maximum Shutter Speed	60 Seconds
Focus Type	Autofocus
Water Resistance Level	Not waterproof
Image Format	16:9
Photo Sensor Technology	MOS
Supported File Format	JPEG

8. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Panasonic website. For technical support, product registration, or service inquiries, please contact Panasonic customer support in your region. Keep your purchase receipt as proof of purchase for warranty claims.

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