Panasonic DMC-FH5

Panasonic Lumix DMC-FH5 Digital Camera Instruction Manual

Model: DMC-FH5

1. Product Overview

The Panasonic Lumix DMC-FH5 is a compact 16.1-megapixel digital camera designed for ease of use and high-quality imaging. It features a 4x optical zoom LEICA DC lens with a 28mm wide-angle capability and Optical Image Stabilization (MEGA O.I.S.) to minimize blur. The camera also supports 720p High Definition (HD) video recording and includes intelligent automatic functions to simplify photography.

Key Features

- **16.1-megapixel resolution:** Captures detailed still images.
- **4x optical zoom LEICA DC lens:** Offers versatile focal lengths from 28mm wide-angle.
- **MEGA O.I.S. (Optical Image Stabilizer):** Compensates for camera shake to produce sharp, clear images.
- **720p HD video capture:** Records high-definition video.
- **Intelligent Auto (iA) Mode:** Automatically optimizes camera settings for various shooting conditions.
- **2.7-inch, 230,000-dot LCD:** Provides clear viewing for shooting and playback.
- **LUMIX Image Uploader:** Simplifies sharing photos and videos to social media platforms.
- **Built-in 70MB memory:** Allows temporary storage without a memory card.

2. Camera Components

Rear View



The rear of the camera features the 2.7-inch LCD screen for composing shots and reviewing images. To the right of the screen are the main control buttons:

- **MODE Button:** Switches between shooting modes (e.g., iA, Scene Modes).
- **Playback Button (Green Triangle):** Enters playback mode to view captured photos and videos.
- **Four-way Controller with MENU/SET:** Navigates menus and confirms selections. Also controls flash, self-timer, and exposure compensation.
- **Q.MENU Button:** Accesses quick menu for frequently used settings.
- **DISP. Button:** Changes the information displayed on the LCD screen.
- **Trash/Delete Button:** Deletes selected images or videos.

Top View



The top of the camera includes essential controls for power and shooting:

- **Power Switch (ON/OFF):** Turns the camera on or off.
- **Shutter Button:** Press halfway to focus, press fully to take a picture.
- **Zoom Lever (W/T):** Controls the optical zoom. Move towards 'W' for wide-angle, 'T' for telephoto.

3. Setup

3.1 Charging and Installing the Battery

1. Insert the battery into the supplied battery charger. Connect the charger to a power outlet. The charging indicator will illuminate during charging and turn off when complete.
2. Open the battery/card compartment cover on the bottom of the camera.
3. Insert the charged battery into the compartment with the correct orientation, ensuring it clicks into place.
4. Close the compartment cover securely.

3.2 Inserting a Memory Card

The DMC-FH5 supports SD, SDHC, and SDXC memory cards. It also has approximately 70MB of built-in memory for temporary storage.

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

Note: If using an SDXC memory card, ensure your computer is compatible with its format. Do not format the card if prompted by an incompatible computer, as this will erase all data.

3.3 Initial Power On and Basic Settings

1. Slide the Power switch to the 'ON' position.
2. The camera will prompt you to set the date and time. Use the four-way controller to navigate and the MENU/SET button to confirm.
3. Follow the on-screen instructions to complete initial setup.

4. Operating the Camera

4.1 Taking Photos in Intelligent Auto (iA) Mode

The iA Mode is designed for effortless photography, automatically detecting the scene and optimizing settings.

1. Press the MODE button and select the 'iA' icon.
2. Point the camera at your subject. The camera will automatically detect the scene type (e.g., Portrait, Scenery, Macro) and adjust settings like exposure, ISO, and image stabilization.
3. Press the Shutter button halfway down to focus. A green frame will appear when focus is achieved.
4. Press the Shutter button fully to take the picture.

4.2 Using Scene Modes

For specific shooting situations, you can manually select a Scene Mode.

1. Press the MODE button and select the 'SCN' icon.
2. Use the four-way controller to browse through available scene modes (e.g., Night Portrait, Sunset, Sports).
3. Select the desired scene mode and press MENU/SET.
4. Compose your shot and press the Shutter button.

4.3 Recording Videos

The DMC-FH5 can record 720p HD videos.

1. Press the MODE button and select the video camera icon.
2. Press the Shutter button to start recording.
3. Press the Shutter button again to stop recording.

4.4 Playback Mode

To view your captured images and videos:

1. Press the Playback button (green triangle).
2. Use the left/right arrows on the four-way controller to navigate through your photos and videos.
3. To delete an image, select it and press the Trash/Delete button. Confirm deletion when prompted.

5. Advanced Features

5.1 MEGA O.I.S. (Optical Image Stabilizer)

The MEGA O.I.S. system detects and compensates for hand-shake at a rate of 4,000 times per second, ensuring sharp images even in low light or when using zoom. This feature is automatically active in iA Mode and can be toggled in Normal Picture Mode or some Scene Modes.

5.2 Intelligent ISO Control

This function automatically adjusts the ISO sensitivity and shutter speed based on subject movement and lighting conditions. If motion is detected, ISO is raised and shutter speed increased to prevent blur. For still subjects, a lower ISO is used for cleaner images. It is active in iA Mode and can be adjusted in Normal Picture Mode.

5.3 Face Detection AF/AE

The camera automatically detects up to 15 faces in a scene, optimizing focus and exposure to ensure faces are clear and well-lit. It includes Face Tracking, which follows moving subjects, and Digital Red-eye Correction to reduce red-eye effects from flash photography. This feature is active in iA Mode and can be toggled in other modes.

5.4 Intelligent Scene Selector

In iA Mode, the camera automatically identifies the scene type (e.g., Scenery, Portrait, Macro, Night Portrait, Night Scenery, Sunset) and applies the most appropriate settings for optimal results.

5.5 LUMIX Image Uploader

This feature allows for easy sharing of photos and videos. After selecting desired files on the camera, connect the camera or memory card to a computer. The software will launch automatically, guiding you through uploading to services like Facebook (for photos) and YouTube (for videos).

6. Maintenance

6.1 Cleaning the Camera

- **Lens:** Use a soft, dry cloth or a lens brush to gently remove dust. For stubborn smudges, use a lens cleaning solution applied to a cloth, not directly to the lens.
- **LCD Screen:** Wipe gently with a soft, dry cloth. Avoid pressing hard.
- **Camera Body:** Use a soft, dry cloth to wipe away dust and fingerprints. Do not use strong cleaning agents.

6.2 Battery Care

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

6.3 Memory Card Care

- Always turn off the camera before inserting or removing a memory card.
- Format new memory cards in the camera before first use.
- Avoid exposing memory cards to extreme temperatures or strong magnetic fields.

7. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause / Solution
Camera does not turn on.	Battery is discharged. Charge the battery fully. Battery is inserted incorrectly. Reinsert the battery with correct orientation.
Images are blurry.	Camera shake. Hold the camera steady or use MEGA O.I.S. (if not in iA mode). Subject moved. Use Intelligent ISO Control or a faster shutter speed. Lens is dirty. Clean the lens.
Faces appear dark.	Backlight conditions. Ensure Face Detection AF/AE is active. Use flash if appropriate.
Red-eye appears in photos.	Flash was used in low light. Enable Digital Red-eye Correction in the menu.
Cannot record images to memory card.	Memory card is full. Delete unnecessary images or insert a new card. Memory card is locked. Unlock the write-protect switch on the card. Memory card error. Try formatting the card (this will erase all data).
SDXC card formatting prompt on computer.	Your computer may not support SDXC format. Do NOT format the card on the computer, as this will erase all recorded images. Use a compatible device or card reader.

8. Specifications

Feature	Specification
Effective Still Resolution	16.1 MP
Photo Sensor Technology	CCD
Optical Zoom	4x
Lens Type	LEICA DC, 28mm Wide Angle
Image Stabilization	Optical (MEGA O.I.S.)
Screen Size	2.7 Inches
Display Resolution	230,000 dots
Video Resolution	1280 x 720 (30 fps)
Supported File Format	JPEG, RAW (Stills), MJPEG (Video)
Memory Card Compatibility	SD, SDHC, SDXC
Built-in Memory	Approx. 70 MB
Connectivity	USB
Power Source	Rechargeable Lithium-Ion Battery
Dimensions (Approx.)	94.3 x 53.5 x 18.8 mm (W x H x D)
Weight (Approx.)	0.27 Pounds (122g)

9. Warranty and Support

For warranty information, technical support, or service inquiries regarding your Panasonic Lumix DMC-FH5 digital camera, please refer to the warranty card included with your product or visit the official Panasonic support website. Contact details for customer service are typically available on the manufacturer's website or in the product packaging.