Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Panasonic HC-VX870K

Panasonic HC-VX870K 4K Ultra HD Camcorder Instruction Manual

Model: HC-VX870K | Brand: Panasonic

Overview What's in the Box Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Product Overview

The Panasonic HC-VX870K is a 4K Ultra HD camcorder designed for high-quality video recording. It captures footage with four times the resolution of Full-HD (3,840 x 2,160), ensuring true-to-life imaging. Key features include the ability to pause and capture still photos from any 4K frame, and a Wi-Fi smartphone connection that allows you to use your phone as a sub-camera for a picture-in-picture (PIP) video effect. The camcorder also incorporates an exclusive High Dynamic Range (HDR) feature to minimize bright and dark spots, resulting in a more professional video appearance.

Key Features:

- **4K Ultra HD Video Recording:** Capture stunning video at 3,840 x 2,160 resolution.
- **4K Photo Mode:** Extract high-resolution still images from your 4K video footage.
- **Twin Video (Picture-in-Picture):** Wirelessly connect a second smartphone camera to record two angles simultaneously, with the sub-camera's footage displayed as a small window within the main video.
- **High Dynamic Range (HDR):** Automatically adjusts exposure to reduce overexposed bright areas and underexposed dark areas, enhancing overall video quality.
- **Wi-Fi Connectivity:** Enables remote control and smartphone integration for advanced shooting options.

2. What's in the Box

Please ensure all items are present upon unboxing:

- Panasonic HC-VX870K Camcorder
- Battery pack (1 Lithium Ion battery included)
- AC adaptor
- DC cable
- USB Cable

3. Setup Guide

3.1. Inserting the Battery and SD Card

1. Locate the battery compartment on the rear of the camcorder.
2. Open the battery compartment cover.
3. Insert the supplied Lithium Ion battery pack, ensuring it clicks securely into place.
4. Locate the SD card slot, typically near the battery compartment or under the LCD screen.
5. Insert a compatible SDXC memory card into the slot until it clicks. Ensure the card is inserted in the correct orientation.
6. Close all covers securely.



Figure 3.1: Rear view of the camcorder with the battery compartment visible. This is where the battery and SD card are inserted.

3.2. Charging the Battery

1. Connect the DC cable to the AC adaptor.

2. Plug the DC cable into the DC IN terminal on the camcorder.
3. Plug the AC adaptor into a power outlet. The POWER/CHG indicator will light up during charging.
4. Charging is complete when the POWER/CHG indicator turns off.

3.3. Attaching Accessories

The camcorder features a shoe adaptor for attaching external accessories like microphones or lights.

1. Slide the shoe adaptor cover (if present) to reveal the hot shoe.
2. Attach your compatible accessory (e.g., external microphone) to the shoe adaptor by sliding it in until it locks.
3. If using an external microphone, connect its cable to the MIC input port on the camcorder.



Figure 3.2: Side view of the camcorder highlighting the MIC input and other connectivity ports.

4. Operating Instructions

4.1. Powering On/Off

1. To power on the camcorder, open the LCD monitor. The camcorder will automatically turn on.
2. To power off, close the LCD monitor.

4.2. Basic Recording

1. Open the LCD monitor to power on the camcorder.
2. Point the lens towards your subject.
3. Press the START/STOP button (usually located on the rear or side) to begin recording. The recording indicator will appear on the screen.
4. Press the START/STOP button again to stop recording.

4.3. Zoom Function

Use the zoom lever located on the top of the camcorder to adjust the focal length.

- Push the lever towards 'T' (Telephoto) to zoom in.
- Push the lever towards 'W' (Wide) to zoom out.



Figure 4.1: Top view of the camcorder with the zoom lever clearly visible.

4.4. Wi-Fi Connectivity and Twin Video (PIP)

The camcorder supports Wi-Fi for remote control and advanced features like Twin Video.

1. Enable Wi-Fi on the camcorder via the menu settings.
2. Install the Panasonic Image App on your smartphone.
3. Connect your smartphone to the camcorder's Wi-Fi network.
4. To use Twin Video, select the appropriate mode in the camcorder's menu or via the smartphone app. Your smartphone camera will act as a sub-camera.

4.5. Night Vision and Low Light Performance

The HC-VX870K is designed for excellent low-light performance thanks to its BSI sensor. While it does not feature true infrared night vision, it can capture clear video in dimly lit environments.

4.6. Menu Navigation

Access various settings and modes using the LCD touchscreen or the physical buttons next to the screen.

- **Mode Set:** Select shooting modes like Auto, Night, Portrait, Landscape, Backlight, Sport, Party, Beach, High Sensitivity.
- **Camera Settings:** Adjust resolution (e.g., 64M, 36M, 24M for still images), Beauty Face, Movie Size (4K, 2.7K, Full-HD, HD, VGA).
- **Video Settings:** Configure normal recording, motion detection, time-lapse recording, time-lapse photo, and slow motion.
- **Exposure Settings:** Adjust EV compensation, white balance, quality (Super Fine, Fine, Normal), sharpness, and various effects (sepia, black & white).

- **Setup:** Set language, date/time, auto power off duration, beep settings, TV output (NTSC/PAL), format card, and restore factory settings.

▶ **Watch video online**
X1600 4K Camcorder with 24x Zoom in Action

Video 4.1: Official Panasonic video demonstrating the 4K camcorder's zoom capabilities and high-precision autofocus in action. This video showcases the camera's performance in dynamic shooting environments.

5. Maintenance

5.1. Cleaning

- Use a soft, dry cloth to clean the camcorder body.
- For the lens, use a lens brush or a soft, lint-free cloth specifically designed for optical lenses. Avoid using harsh chemicals.
- Clean the LCD screen with a soft, dry cloth.

5.2. 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.

5.3. Storage

- Store the camcorder in a dry, dust-free environment away from direct sunlight and extreme temperatures.
- Use a protective case or bag to prevent scratches and damage.

6. Troubleshooting

Problem	Possible Cause	Solution
Camcorder does not power on.	Battery is discharged or not inserted correctly.	Charge the battery fully. Ensure the battery is inserted correctly.
Cannot record video.	SD card is full, locked, or not inserted.	Delete unnecessary files, unlock the SD card, or insert a new card.
Poor image quality.	Lens is dirty, lighting is insufficient, or settings are incorrect.	Clean the lens. Adjust lighting or camcorder settings (e.g., HDR, exposure).
Wi-Fi connection fails.	Wi-Fi is disabled, incorrect password, or interference.	Ensure Wi-Fi is enabled. Re-enter password. Move away from sources of interference.

Problem	Possible Cause	Solution

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section c

Submit question

Open the live page

https://manuals.plus/asin/B00RBG5TRA

More documents and user manuals: **https://manuals.plus/**