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JVC GY-HM200

JVC GY-HM200 4KCAM Compact Handheld Camcorder

USER MANUAL

Introduction

The JVC GY-HM200 4KCAM Compact Handheld Camcorder is designed for professional video production, offering 4K Ultra HD recording capabilities in a portable form factor. This manual provides essential information for setting up, operating, and maintaining your camcorder.
Key features include:

- 1/2.33" CMOS Sensor, 4K Ultra HD 24/30p Recording at 150Mbps
- 4:2:2 1080p Video up to 60p at 50Mbps, Dual SDHC/SDXC Memory Card Slots
- 3G-SDI and HDMI Output, Live 4K UHD Output via HDMI
- 2-Channel XLR Audio Inputs, 12x Optical Zoom Lens
- Live HD Streaming via Optional Adapters, Simultaneous Streaming and Recording

Setup

Before using your JVC GY-HM200 camcorder, ensure all components are present and properly connected.

Unboxing and Initial Inspection

Carefully remove all items from the packaging. Verify that the following components are included:

- JVC GY-HM200 4KCAM Compact Handheld Streaming Camcorder
- Handle Unit
- JVC SSL-JVC50 7.4V IDX Lithium-Ion Battery for JVC Camcorders
- AC Adapter

Battery Installation and Charging

1. Insert the JVC SSL-JVC50 Lithium-Ion Battery into the battery compartment at the rear of the camcorder. Ensure it clicks securely into place.
2. Connect the AC Adapter to the camcorder's power input and then to a power outlet. The battery will begin charging. A full charge is recommended before first use.

Attaching the Handle Unit

Align the handle unit with the mounting points on top of the camcorder body. Secure it firmly using the provided screws or locking mechanism. This unit provides additional audio inputs and controls.



Figure 1: Front view of the JVC GY-HM200 camcorder with the handle unit and microphone attached.



Figure 2: Top view highlighting the dual XLR audio inputs located on the handle unit.

Operating Instructions

Powering On/Off

Locate the power switch, typically near the battery compartment or on the side panel. Slide or press the switch to the 'ON' position to power on the camcorder. To power off, slide or press the switch to the 'OFF' position.

Inserting SD Cards

The GY-HM200 features dual SDHC/SDXC memory card slots. Open the card slot cover and insert compatible SD cards until they click into place. Ensure the cards are formatted by the camcorder before recording.

Basic Recording

1. With the camcorder powered on and an SD card inserted, select your desired recording mode (e.g., 4K UHD, 1080p HD) via the menu system.
2. Adjust the lens zoom using the zoom rocker on the handle or lens barrel.
3. Focus the image using the manual focus ring or auto-focus function.
4. Press the REC/PAUSE button to start recording. The recording indicator will illuminate.
5. Press the REC/PAUSE button again to stop recording.

Audio Input Configuration

Utilize the 2-channel XLR audio inputs on the handle unit for professional microphones or audio sources. Adjust audio

levels using the dedicated dials and monitor audio through headphones connected to the headphone jack.



Figure 3: Side view of the camcorder, illustrating the layout of various controls and connectivity ports.

Live Streaming (Optional)

The GY-HM200 supports live HD streaming with optional Wi-Fi or 4G LTE modems. Connect the modem to the camcorder's USB port. Configure streaming settings via the camcorder's menu to connect to streaming platforms or servers. The camcorder can stream and record simultaneously.

Maintenance

Cleaning the Camcorder

- Use a soft, dry cloth to clean the exterior of the camcorder.
- For the lens, use a lens cleaning brush or a microfiber cloth specifically designed for optical surfaces. Avoid harsh chemicals.
- Keep the LCD screen and viewfinder clean using a soft, lint-free cloth.

Battery Care and Storage

- 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 approximately 50% capacity.

General Storage

When not in use, store the camcorder in a protective case to prevent dust accumulation and physical damage. Avoid

exposing the camcorder to extreme temperatures or high humidity.

Troubleshooting

This section addresses common issues you might encounter with your JVC GY-HM200 camcorder.

Problem	Possible Cause	Solution
Camcorder does not power on.	Battery is depleted or not properly inserted. AC adapter not connected.	Charge the battery or ensure it is securely inserted. Connect the AC adapter.
Cannot record video.	No SD card inserted, SD card full, or SD card not formatted.	Insert a compatible SD card. Delete unnecessary files or use a new card. Format the SD card in the camcorder's menu.
Poor image quality.	Lens is dirty. Incorrect focus or exposure settings.	Clean the lens. Adjust focus manually or use auto-focus. Check exposure settings (iris, gain, shutter speed).
No audio recording.	Microphone not connected or audio levels too low.	Ensure external microphone is properly connected to XLR inputs. Adjust audio input levels. Check internal microphone settings.

If the problem persists after attempting these solutions, please refer to the official JVC support resources.

Specifications

Detailed technical specifications for the JVC GY-HM200 4KCAM Compact Handheld Camcorder:

Product Dimensions: 10.35 x 5.31 x 7.48 inches

Item Weight: 2.45 pounds

ASIN: B00UNIKU2M

Item Model Number: 2015

Batteries: 1 Lithium Ion batteries required

Manufacturer: JVC

Photo Sensor Technology: CMOS

Video Capture Resolution: 4K

Maximum Focal Length: 354 Millimeters

Maximum Aperture: 2 f

Flash Memory Type: SDHC, SDXC

Video Capture Format: MP4

Supported Audio Format: [Multiple]

Screen Size: 3.5 Inches

Connectivity Technology: HDMI

Warranty and Support

For information regarding warranty coverage, technical support, and service for your JVC GY-HM200 camcorder, please refer to the official JVC website or contact JVC customer service directly. Specific warranty terms may vary by region and purchase location.

Note: This product is sold as is. Please consult the manufacturer's official documentation for complete warranty details.

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