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Sony MHS-CM1

Sony Webbie MHS-CM1 HD Camcorder Instruction Manual

Model: MHS-CM1

1. Introduction

This manual provides detailed instructions for the safe and effective use of your Sony Webbie MHS-CM1 HD Camcorder. Please read this manual thoroughly before operating the device and retain it for future reference.
The Sony Webbie MHS-CM1 is a portable HD camcorder designed for capturing high-definition MP4 video and 5-megapixel JPEG still photos. It features a 2.5-inch swivel LCD screen, 5x optical zoom, and 20x digital zoom, offering versatility for various recording situations.

2. Product Overview

Key Features:

- 5-megapixel still photos
- HD MP4 1440 x 1080 video resolution
- 2.5-inch swivel screen
- 5x optical, 20x digital zoom
- Memory Stick PRO Duo media recording
- Built-in USB arm for direct PC connection

Components:

Familiarize yourself with the camcorder's main components:



Figure 1: Front and side view of the Sony Webbie MHS-CM1 HD Camcorder with the screen closed. The lens, microphone, and power button are visible.



Figure 2: The camcorder with its 2.5-inch swivel LCD screen open, showing a video playback. This screen allows for easy viewing and self-recording.

3. Setup

3.1. Charging the Battery:

1. Connect the supplied AC adapter to the camcorder's power input.
2. Plug the AC adapter into a wall outlet.
3. The charging indicator will illuminate. Charging typically takes approximately 90 minutes.
4. Once fully charged, the indicator will turn off.

3.2. Inserting a Memory Card:

1. Open the memory card slot cover.
2. Insert a Memory Stick PRO Duo media card into the slot with the contacts facing down until it clicks into place.
3. Close the memory card slot cover.
4. Ensure the card is properly formatted before first use (refer to "Formatting Memory Card" in the Operating section).

4. Operating Instructions

4.1. Powering On/Off:

- To power on: Open the 2.5-inch swivel LCD screen. The camcorder will power on almost instantly.
- To power off: Close the LCD screen.

4.2. Recording Video:

1. Power on the camcorder.
2. Point the lens towards your subject.
3. Press the **RECORD** button to start recording. The recording indicator will light up.
4. Press the **RECORD** button again to stop recording.
5. *Note: The camcorder records video in 25-minute segments. To continue recording after 25 minutes, press the RECORD button again.*

4.3. Taking Still Photos:

1. Power on the camcorder.
2. Frame your shot using the LCD screen.
3. Press the **PHOTO** button located on top of the camera to capture a 5-megapixel still image.
4. *Dual Capture: You can take still pictures while recording video without switching modes.*

4.4. Zoom Function:

- Use the zoom lever (W/T) to adjust the magnification.
- **W (Wide):** Zooms out to capture a broader area.
- **T (Telephoto):** Zooms in on your subject.

4.5. Playback:

1. Power on the camcorder by opening the LCD screen.
2. Navigate to the playback mode using the menu or dedicated button (if available).
3. Select the desired video or photo using the directional pad.
4. Press the play button to view.

4.6. Transferring Files to a PC:

1. Ensure the camcorder is powered off.
2. Extend the built-in USB arm from the camcorder.
3. Connect the USB arm directly to an available USB port on your computer.
4. The camcorder will be recognized as a removable storage device.
5. Drag and drop your MP4 video and JPEG photo files from the camcorder's storage to your computer.
6. *Pre-installed PMB Portable software (for Windows) can assist with file management and uploading to sharing sites. Mac users can use iMovie or directly access files.*

5. Maintenance

- Keep the lens clean using a soft, lint-free cloth. Avoid touching the lens directly.
- Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures.
- Use only compatible Memory Stick PRO Duo media cards.
- Regularly back up your photos and videos to prevent data loss.
- Avoid exposing the camcorder to water or excessive moisture.

6. Troubleshooting

Problem	Possible Cause	Solution
Camcorder does not power on.	Battery is depleted or not inserted correctly.	Charge the battery fully. Ensure the battery is correctly inserted.
"Format Error" message appears.	Memory card is corrupted or not properly formatted.	Try re-inserting the card. If the issue persists, format the card (this will erase all data). If still problematic, try a different memory card.
Poor video quality in low light.	Insufficient lighting conditions.	Ensure adequate lighting for recording. The camcorder performs best in medium to bright light.
Autofocus is slow or struggles.	Fast-moving subjects or low contrast.	Try to keep the subject within a consistent focal plane. For very fast subjects, a wider shot may be more effective.

7. Specifications

- **Model Number:** MHSCM1/D
- **Dimensions (W x H x D):** 7.8 x 7.8 x 3 inches
- **Weight:** 1.8 pounds
- **Photo Sensor Technology:** CMOS or CCD
- **Video Capture Resolution:** 1080p (1440 x 1080 MP4)
- **Still Image Resolution:** 5 Megapixels
- **Optical Zoom:** 5x
- **Digital Zoom:** 20x
- **Screen Size:** 2.5 Inches (LCD Swivel Screen)
- **Flash Memory Type:** Memory Stick Duo

- **Video Capture Format:** h.264, mpeg-4
- **Supported Audio Format:** AAC
- **Connectivity:** USB
- **Battery:** 1 Lithium Ion battery (included)

8. Warranty and Support

This product comes with a **FULL 14 DAY SATISFACTION GUARANTEE** and a **90 DAY PARTS AND LABOR WARRANTY**. Please retain your proof of purchase for warranty claims.
For further support or inquiries, please visit the official Sony website or contact their customer service.

9. Product Videos

Explore these official product videos for additional tips and demonstrations:

How to make a music video of your band

Your browser does not support the video tag.

This video provides guidance on using your camcorder to create a music video for your band, offering creative tips for capturing live performances.

How to make a video for YouTube and share it

Your browser does not support the video tag.

Learn how to create and upload videos to YouTube using your Sony Webbie MHS-CM1, including tips for effective sharing.

How to shoot a skateboarding video

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This video demonstrates techniques for filming dynamic skateboarding footage with your camcorder, focusing on capturing action effectively.

How to make a video of your pets funniest moments and share it

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Discover how to capture and share humorous moments of your pets using your camcorder, perfect for creating engaging content.

How to make a video for social media sites like Facebook

Your browser does not support the video tag.

This video provides instructions on creating and optimizing videos for sharing on popular social media platforms such as Facebook.

How to capture the reality of a live musical experience

Your browser does not support the video tag.

Learn how to effectively record live musical performances, capturing the atmosphere and energy of the event with your camcorder.

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