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Sony HDRMV1

Sony HDR-MV1 Music Video Recorder Instruction Manual

Model: HDRMV1 | Brand: Sony

INTRODUCTION

The Sony HDR-MV1 Music Video Recorder is designed for capturing high-quality audio and video, particularly for musical performances. It features professional-grade sound recording capabilities and HD video, making it suitable for musicians and content creators. This manual provides detailed instructions for setting up, operating, and maintaining your device.



Front view of the Sony HDR-MV1 Music Video Recorder, showcasing its compact design and prominent microphone array.

WHAT'S IN THE BOX

Verify that all items are present in your package:

- Sony HDR-MV1 Music Video Recorder (Black)
- Rechargeable Battery Pack (NP-BX1)
- Micro USB Cable
- Lens Cap
- Cap String
- Operating Guide

SETUP

1. Inserting the Battery Pack

1. Open the battery cover located on the side of the recorder.
2. Insert the supplied NP-BX1 battery pack with the correct orientation.
3. Close the battery cover securely.

2. Inserting a Memory Card

The HDR-MV1 supports Micro SD cards. A memory card is required for recording.

1. Open the memory card slot cover.
2. Insert a compatible Micro SD card into the slot until it clicks into place.
3. Close the memory card slot cover.

3. Charging the Battery

Use the supplied micro USB cable to charge the battery. Connect one end to the recorder's MULTI terminal and the other end to a USB power source (e.g., AC adapter, computer USB port).



Side view of the HDR-MV1, showing the MULTI (USB) port, HDMI OUT, and LINE IN/headphone jack.

4. Powering On/Off

Press and hold the **POWER** button located on the top of the device to turn the recorder on or off.

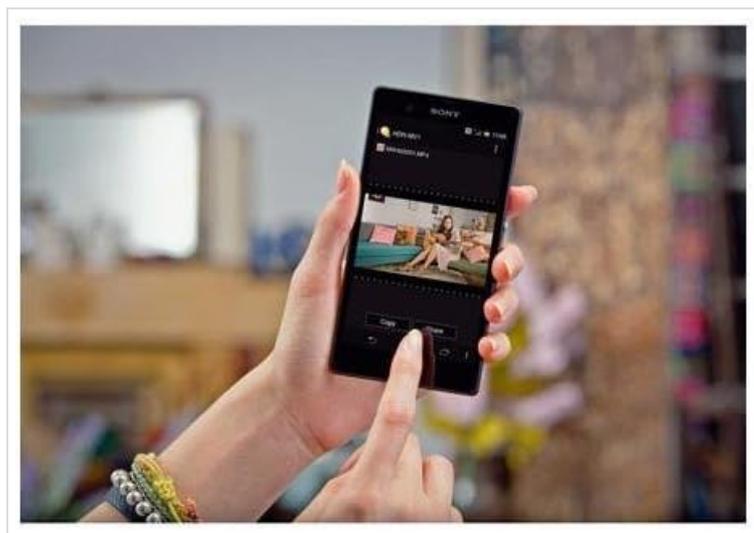


Top view of the HDR-MV1, highlighting the POWER and START/STOP recording buttons.

5. Connecting to a Smartphone (Wi-Fi/NFC)

The HDR-MV1 can be controlled remotely and files can be transferred to a smartphone or tablet using Wi-Fi and NFC (Near Field Communication).

- **NFC Connection:** Touch your NFC-compatible smartphone to the N-Mark on the recorder to establish a connection.
- **Wi-Fi Connection:** Use the "PlayMemories Mobile" app (available for iOS and Android) to connect to the recorder's Wi-Fi network. This allows for remote control and easy sharing of recorded content.



A smartphone screen showing the PlayMemories Mobile app, used for managing and sharing content from the HDR-MV1.

OPERATING THE RECORDER

1. Recording Video and Audio

To start recording, press the **START/STOP** button. Press it again to stop recording. The recorder captures Full HD 1080p video through its 120-degree wide-angle Carl Zeiss Tessar lens and high-quality audio via its 120-degree X/Y stereo microphones.



Close-up front view of the HDR-MV1, highlighting the Carl Zeiss Tessar lens and the X/Y stereo microphone array.

2. Audio Recording Settings

The HDR-MV1 offers versatile audio recording options:

- **LPCM (Linear PCM):** For uncompressed, studio-quality audio recording. Ideal for professional use where audio fidelity is paramount.
- **AAC:** For compressed, internet-ready audio, suitable for sharing online.
- **Low-Cut Filter:** Reduces unwanted low-frequency noise (e.g., wind, rumble) for clearer recordings.
- **Microphone Level:** Adjust the input level of the built-in microphones to prevent distortion or capture quieter sounds.
- **External Microphone Input:** Connect an external microphone via the 3.5mm jack for alternative audio capture.

3. Video Recording Features

The recorder features a wide-angle lens, capturing a broad field of view, which is beneficial for recording entire bands or large scenes without missing details. It also performs well in low-light conditions thanks to its high-quality sensor.

4. Playback and Sharing

Review your recordings directly on the side display. Use the PlayMemories Mobile app to easily transfer videos and audio to your smartphone for quick sharing on social media or other platforms.



The HDR-MV1's side screen displaying a recorded video, showing the user interface for playback.

5. Official Product Video



Official product video for the Sony HDR-MV1, demonstrating its key features and use cases for music recording.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a lens cleaning cloth and solution. Avoid harsh chemicals.
- **Battery Care:** Store the battery in a cool, dry place when not in use. Do not expose to extreme temperatures.
- **Storage:** Store the recorder in a protective case to prevent scratches and damage, especially to the lens and microphones.

TROUBLESHOOTING

Problem	Solution
Recorder does not power on.	Ensure the battery is correctly inserted and fully charged. Try charging the device for at least 30 minutes.
Cannot record while charging.	The Sony HDR-MV1 is designed not to record while connected to a power source for charging. Disconnect the charger to initiate recording.

Problem	Solution
Smartphone app disconnects frequently or does not display properly.	Ensure the recorder's Wi-Fi is enabled and your smartphone is connected to the correct network. Try restarting both the recorder and the PlayMemories Mobile app. Ensure your app is updated to the latest version.
Poor audio quality.	Check microphone levels to avoid clipping or being too low. Ensure the low-cut filter is appropriately set for your environment. Avoid recording in extremely windy conditions without additional wind protection.
Video appears grainy in low light.	While the HDR-MV1 has good low-light performance, extreme darkness may still result in some grain. Ensure adequate lighting for optimal video quality.

SPECIFICATIONS

Feature	Detail
Product Dimensions	5.75 x 2.95 x 4.72 inches
Item Weight	1.32 pounds
Item Model Number	HDRMV1
Batteries	1 Lithium Ion battery required (included)
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p
Maximum Focal Length	2.5 Millimeters
Flash Memory Type	Micro SD
Video Capture Format	h.264;mpeg-2
Supported Audio Format	LPCM, AAC
Screen Size	2.7 Inches
Connectivity Technology	NFC, USB, Wi-Fi
Color	Black
Manufacturer	Sony
Date First Available	September 4, 2013

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Sony website or contact Sony customer service. Keep your proof of purchase for warranty claims.

Official Sony Support: <https://www.sony.com/electronics/support>

