**Moman M5**



# Moman M5 5.5-inch Touch Screen Camera Field Monitor

User Instruction Manual

## PRODUCT OVERVIEW

The Moman M5 is a high-quality 5.5-inch touch screen camera field monitor designed for DSLR and mirrorless cameras. It features a 1920x1080 Full HD display with a 1000:1 contrast ratio, ensuring sharp and detailed images. The monitor integrates advanced functions such as 3D LUT support for color calibration, HDR (HLG and PQ modes) for enhanced visual effects, and various exposure and focusing assists like Waveform, Histogram, Peaking Filter, Check Field, and Safe Frame. Its durable, scratch-resistant touch screen allows for intuitive control without physical buttons, except for the power button. The M5 offers flexible power options, including dual-use battery plates for E6 and NP-F series batteries, and can also be powered via a D-Tap cable. Additionally, it provides an 8V DC output to power your camera, making it a versatile tool for professional videography.

# PACKAGE CONTENTS

Enjoy Lifelike Images

Moman M5 Monitor

400 ppi
pixel density

HDMI

OUT

DC IN

IN

HDMI

MOMAN

4K
4K HDMI
In/Out

1920*1080
Resolution

The Other Monitor

300 ppi
pixel density

Upon unboxing your Moman M5 Field Monitor, please verify that all the following items are included:

- Moman M5 Monitor (x1)
- Snail Hot Shoe Mount (x1)
- HDMI Cable Micro (x1)
- HDMI Cable Mini (x1)
- D-Tap Cable (x1)
- Sunshade (x1)
- Installation Tool (x1)
- SD Card (x1) - 128MB, pre-loaded with Log files for LUTs.
- Instruction Manual (x1)
- Microfiber Cloth (x1)

*Note: The included SD card is primarily for loading 3D LUT profiles.*

## Powering the Monitor



The Moman M5 monitor offers flexible power solutions:

- **Battery Power:** The monitor is equipped with a dual-use battery plate compatible with NP-F series batteries (NP-F550, NP-F750, NP-F970) and E6 batteries. Simply slide the battery into the designated slot until it clicks into place.

- **D-Tap Power:** For extended use or with V-Lock battery systems, connect the supplied D-Tap cable to the monitor's DC IN port and your V-Lock battery.

- **DC 8V Output:** The monitor features a DC 8V output port, allowing you to power your DSLR or mirrorless camera directly from the monitor, reducing the need for separate camera batteries during operation.

Your browser does not support the video tag.

*Video: Demonstrates the physical features and power options of the Moman M5 monitor, including battery installation and port overview.*

## Connecting to Your Camera

**Easy Operation with Your Fingertips**

Single click to hide the menu.

Double click for the main menu.

Single click to hide the menu.

Single click to hide the menu.

Connect your camera to the Moman M5 monitor using the appropriate HDMI cable (Mini HDMI or Micro HDMI, depending on your camera's port). The monitor supports 4K HDMI synchronous transmission.

- **HDMI IN:** Connect your camera's HDMI output to the monitor's HDMI IN port.
- **HDMI OUT:** Use the HDMI OUT port to loop through the video signal to another monitor, recorder, or computer.

## OPERATING INSTRUCTIONS

**Touch Screen Operation**

The Moman M5 features an intuitive touch screen interface for easy navigation and control:

- **Access Main Menu:** Double-tap the screen continuously to bring up the main menu.
- **Hide Menu:** Single-tap the screen to hide the menu.
- **Brightness Adjustment:** Swipe up or down on the screen to adjust brightness.
- **Zoom In/Out:** Use a pinch gesture (two fingers moving apart or together) to zoom in or out on the image.
- **Lock/Unlock Touch:** Briefly press the power button once to lock or unlock the touch screen functionality.

Your browser does not support the video tag.

*Video: Illustrates the touch screen gestures for menu access, navigation, and various display adjustments.*

## Menu Navigation and Functions

Professional Monitor Functions

The main menu provides access to a comprehensive suite of monitoring tools and settings:

- **Exposure Assist:**
  - False Color: Helps evaluate exposure levels.
  - Zebra: Highlights overexposed areas.
  - Histogram: Displays the tonal distribution of the image.
  - Waveform: Shows luminance and chrominance levels.
  - Vectorscope: Analyzes color saturation and hue.
  - All Wave: Combines multiple waveform displays.
  - HDR: Activates High Dynamic Range viewing (HLG/PQ modes).

- **Focus & Composition:**
  - Peaking: Highlights in-focus edges (adjustable color/intensity).
  - Center Mark: Displays a crosshair in the center of the screen.
  - Safe Area: Overlays guides for safe framing.
  - Mark Ratio: Displays various aspect ratio markers.
  - Grid Lines: Overlays a grid for composition.
  - Audio Meters: Visual display of audio input levels.

- **LUT Config:** Supports custom 3D LUTs for real-time color grading. Load up to 40 groups of LUT files via the included SD card.
- **Display Setting:** Adjust display parameters such as aspect ratio, display flip (horizontal/vertical), zoom, pixel-to-pixel, HV delay, freeze, and anamorphic de-squeeze.
- **System Config:** Access general system settings including language, color temperature, sound, battery notification, and firmware updates.



*Image: Demonstrates the application of 3D LUTs for color calibration, showing a 'before' and 'after' effect on an image.*

## Package Contents

**Moman M5 Monitor \*1**

**Snail Hot Shoe Mount \*1**

**HDMI Cable Micro \*1**

**HDMI Cable Mini \*1**

**D–Tap Cable \*1**

**Sunshade \*1**

**Installation Tool \*1**

**SD Card \*1**

**Manual \*1**

**Microfiber Cloth \*1**

*Image: Illustrates the HDR function, comparing LOG, HLG, and PQ modes for wider color gamut and brightness range.*

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Moman M5 monitor:

- **Cleaning:** Use the provided microfiber cloth to gently clean the screen and body of the monitor. Avoid using harsh chemicals or abrasive materials that could damage the screen or finish.
- **Storage:** When not in use, store the monitor in its protective carrying case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check the Moman official website for firmware updates. Updates can be easily installed via the included SD card to improve performance and add new features. Refer to the "System Config" menu for update options.

# TROUBLESHOOTING

This section addresses common issues you might encounter with your Moman M5 monitor:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
| Monitor does not power on. | Low or depleted battery; incorrect power connection. | Ensure batteries are fully charged and correctly inserted. Check D-Tap cable connection if using external power. |
| No video signal. | Incorrect HDMI connection; camera output settings; incompatible resolution. | Verify HDMI cable is securely connected to both monitor (HDMI IN) and camera. Check camera's video output settings. Ensure camera's output resolution is supported by the monitor (up to 4K input). |
| Touch screen is unresponsive. | Touch function is locked; temporary software glitch. | Briefly press the power button once to unlock the touch screen. If unresponsive, power cycle the monitor. |
| Menu language is incorrect (e.g., German). | Default language setting. | Navigate to "System Config" > "Menu Config" > "Language" and select "EN" for English. |
| Monitor freezes or crashes. | Software issue; unstable power supply. | Remove and reinsert the battery to force a restart. Ensure a stable power source. Consider updating firmware if available. |

# TECHNICAL SPECIFICATIONS

| Feature | Detail |
|---------|--------|
| Model | M5 |
| Screen Size | 5.5 inches |
| Resolution | 1920x1080 |
| Contrast Ratio | 1000:1 |
| Brightness | 500 nits |
| Video Input | HDMI (supports up to 4K) |
| Video Output | HDMI |
| Power Input | DC 7-24V |
| Power Output | DC 8V |
| Power Consumption | 8W |

| Feature | Detail |
| --- | --- |
| Battery Compatibility | NP-F series (NP-F550, NP-F750, NP-F970), E6 battery |
| Dimensions | 7.32 x 4.76 x 3.46 inches |
| Item Weight | 1.41 pounds |
| UPC | 751823684792 |

## WARRANTY AND SUPPORT

Moman products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card included in your product packaging or visit the official Moman website. If you encounter any issues or require technical assistance, please contact Moman customer support through their official channels. Ensure you have your product model and purchase information ready for faster service.