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› MAGICRAVEN 16-inch 4K Portable Monitor User Manual

## MAGICRAVEN A2-16.0"-4K-60Hz (M1603)

# MAGICRAVEN 16-inch 4K Portable Monitor

Model: A2-16.0"-4K-60Hz (M1603)

User Manual

## 1. INTRODUCTION

Thank you for choosing the MAGICRAVEN 16-inch 4K Portable Monitor. This high-performance display is designed to enhance your productivity and entertainment experience on the go. Featuring a stunning 3840x2400 IPS screen, vibrant colors, and versatile connectivity, it's an ideal companion for laptops, smartphones, and gaming consoles.



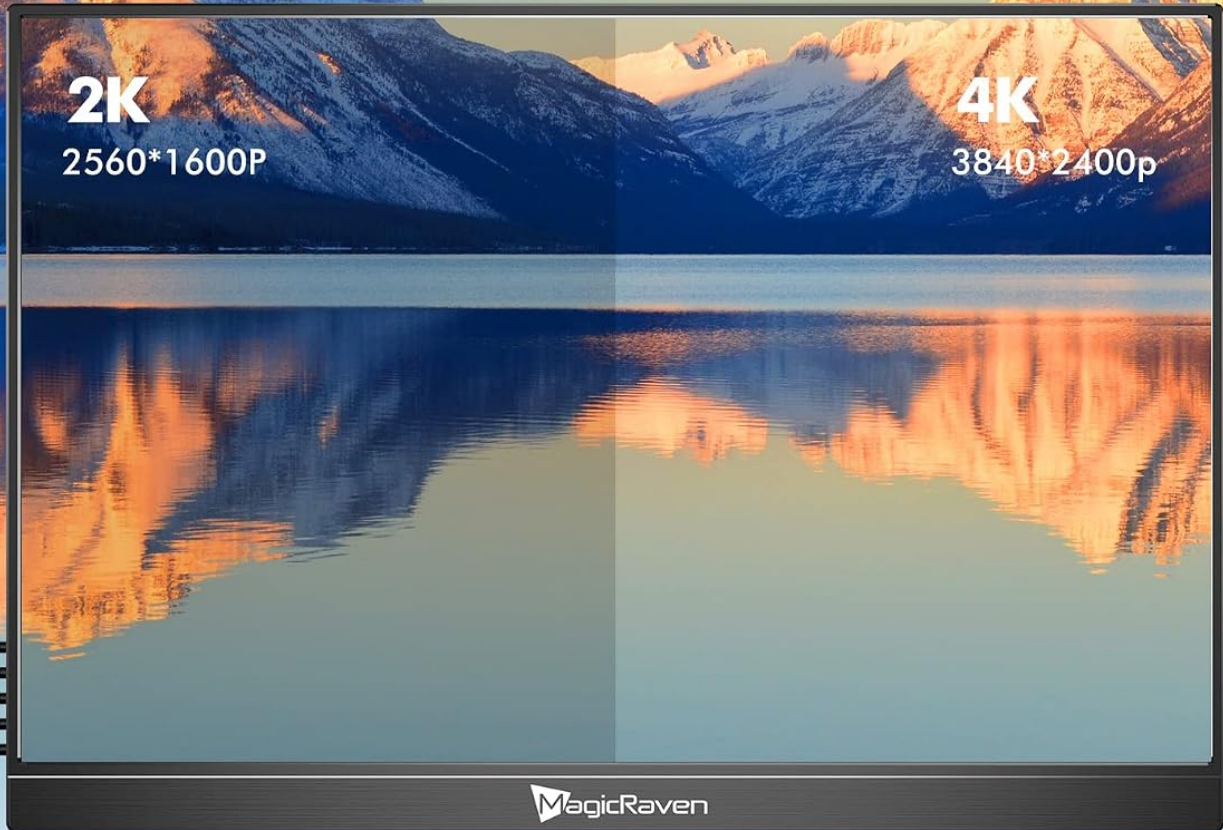
Figure 1: MAGICRAVEN 16-inch 4K Portable Monitor.

## 2. KEY FEATURES

- **16" 4K IPS Display:** Spectacular 3840x2400 resolution, 400 nits brightness, 1500:1 contrast ratio, 100% sRGB, and 178-degree wide viewing angle for crisp, vivid images.
- **Plug-and-Play Connectivity:** No driver installation required. Simply connect via USB-C or HDMI for immediate use.
- **Enhanced Productivity:** Ideal as a second or multiple screen to boost work efficiency and improve gaming experiences.
- **VESA Mountable & Smart Cover:** Supports standard 75x75mm VESA mounting for flexible setup (mount not included). The included smart cover also functions as a stand.
- **Portable Design:** Weighing only 1.54 lbs (monitor only) and 0.39 inches thick, it's easy to carry for work or entertainment anywhere.
- **Dual USB-C & HDMI Ports:** Provides 2 USB-C 3.2 ports and 1 HDMI 2.0 port for wide compatibility with various devices.

# 4K Resolution

More vivid and Spectacular Image



More vivid and Spectacular Image



**100%**  
sRGB



**8bit**  
400cd/m<sup>2</sup>



**16.7M**  
Display Color



**Low**  
Blue Light



**HDR**  
16:10 Screen



**1500:1**  
Contrast Ratio

Figure 2: 4K Resolution for vivid and spectacular images.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- MAGICRAVEN 16-inch 4K Portable Monitor
- Magnetic Smart Cover
- USB-A to USB-C Cable

- HDMI to HDMI Cable
- USB-C to USB-C Cable (for video transmission)
- USB-C to USB-C Cable (for power supply - white cable)
- Power Adapter
- User Guide



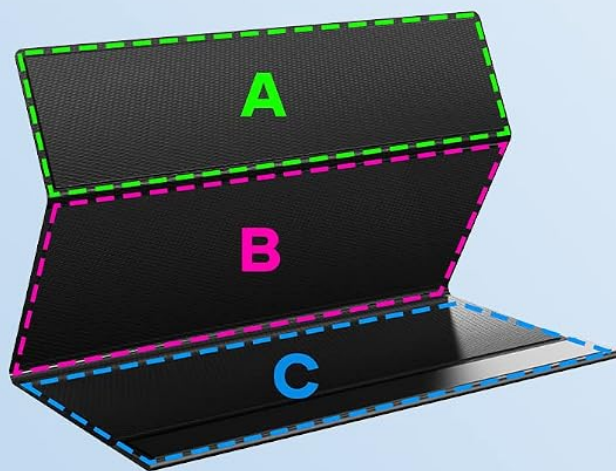
Figure 3: All included accessories.

## 4. SETUP GUIDE

Follow these steps to set up your portable monitor:

### 4.1. Using the Smart Cover as a Stand

1. Unfold the magnetic smart cover.
2. Attach the magnetic part (Part A) of the cover to the backside of the monitor.
3. Fold the side of the cover inward to form a stable triangular stand, allowing the monitor to stand upright.



① Part A is magnetic



② Attach Part A to the backside of the monitor magnetically



③ Fold the side of the cover inward to stand the monitor

Figure 4: Smart Cover setup.

## 4.2. Connecting to Your Device

The monitor supports various connection methods:

- **USB-C Connection (Single Cable Solution):** If your device (laptop, smartphone) has a full-featured USB-C 3.1 Gen2 port that supports video output and power delivery, use the black USB-C to USB-C cable to connect directly. This single cable will provide both video signal and power.

- **HDMI Connection:** Connect the monitor to your device (PC, PS5/4, Xbox, Switch, Camera) using the HDMI to HDMI cable. For power, connect the white USB-C to USB-C cable from the monitor's power input port to the power adapter.
- **USB-A to USB-C Connection:** Use the USB-A to USB-C cable for additional power if needed, especially when using HDMI or if your device's USB-C port does not provide sufficient power.

# Wide Compatibility

## Full-featured USB-C Port (Signal/ Power)



Switch



Laptop



Smart Phone



Tablet

## HDMI Port



Camera



Ps4/Ps5



XBOX



Computer



Raspberry Pi

Figure 5: Wide compatibility with USB-C and HDMI ports.

## 4.3. Initial Power On and Display

Once connected, the monitor should automatically detect the signal and power on. If not, press the power button on the side of the monitor. You may need to adjust your device's display settings (e.g., extend display, duplicate display) to utilize the portable monitor effectively.

Your browser does not support the video tag.

*Video 1: Overview of the MagicRaven Portable Monitor, demonstrating its features and connectivity.*

## 5. OPERATING INSTRUCTIONS

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### 5.1. Display Modes

Depending on your operating system, you can configure the monitor in various display modes:

- **Duplicate Mode:** Shows the same content on both your primary device and the portable monitor.
- **Extend Mode:** Extends your desktop across both screens, providing more workspace. This is ideal for multitasking and increasing productivity.
- **Second Screen Only:** Displays content only on the portable monitor.

# Increase productivity

## Second Screen for Device

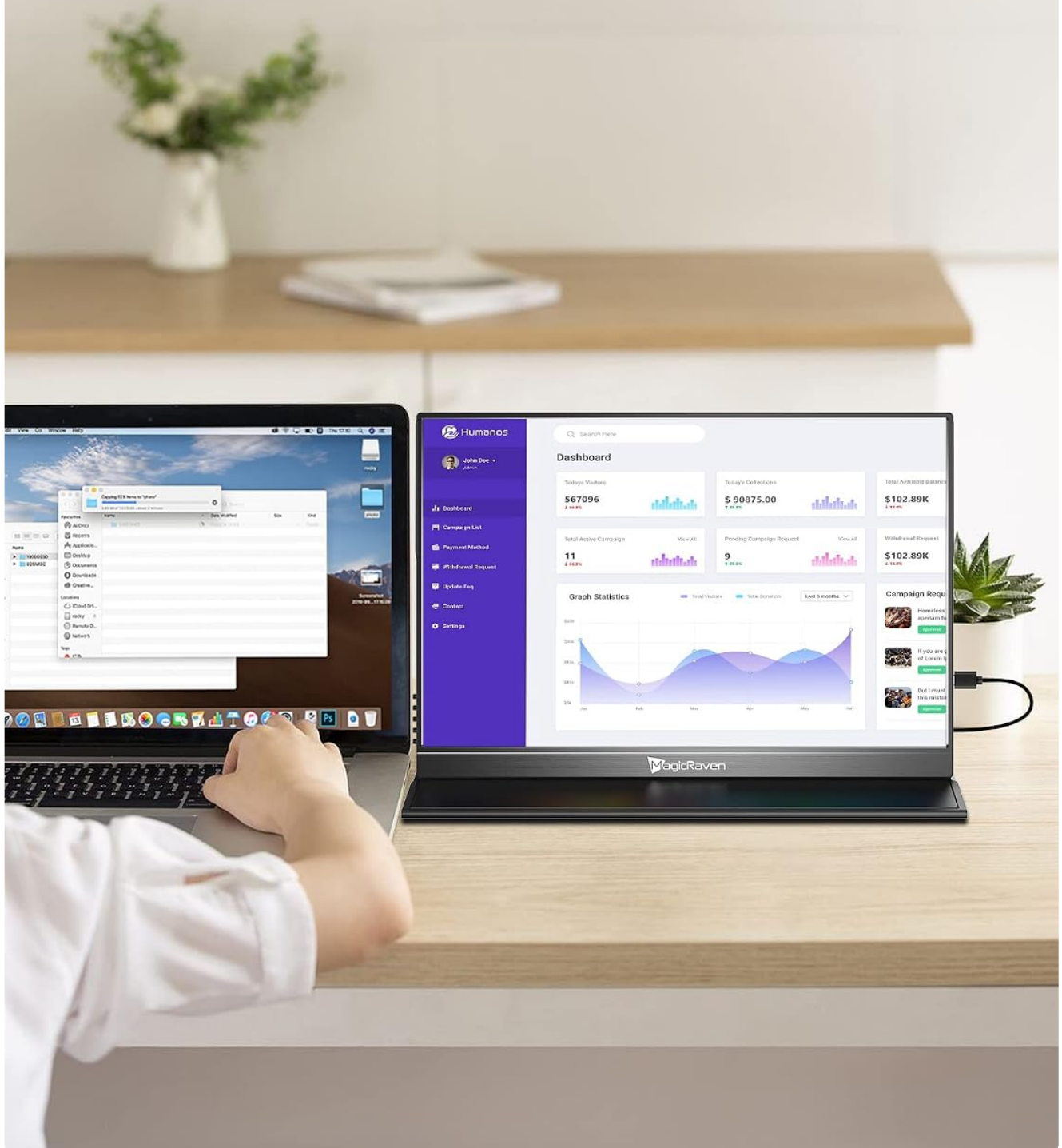


Figure 6: Increase your productivity with extended display.

### 5.2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the buttons on the side of the monitor to navigate the menu and make adjustments to brightness, contrast, color settings, and more.

### 5.3. VESA Mounting

The monitor features standard 75x75mm VESA holes on the back, allowing it to be mounted on a desktop arm or wall mount (sold separately). This provides flexibility for ergonomic setups and space-saving solutions.

## Vesa Mountable



*Figure 7: VESA mountable option.*

## 6. CARE AND MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of screen cleaner (do not spray directly onto the screen).
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the monitor in its smart cover to protect it from dust and scratches. Avoid placing heavy objects on top of the monitor.

- **Handling:** Handle the monitor with care. Avoid dropping it or subjecting it to strong impacts.

## 7. TROUBLESHOOTING COMMON ISSUES

| Problem                                 | Possible Cause                                                                | Solution                                                                                                                                                                    |
|-----------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No signal / Black screen                | Incorrect cable connection; Insufficient power; Device not outputting signal. | Ensure cables are securely connected. Use the white USB-C cable for power. Check your device's display settings to ensure it's configured to output to an external monitor. |
| Flickering or unstable display          | Insufficient power; Faulty cable; Driver issues.                              | Ensure adequate power supply. Try a different cable. Update graphics drivers on your connected device.                                                                      |
| Poor image quality (blurry, washed out) | Incorrect resolution setting; Display settings.                               | Ensure your device's resolution is set to 3840x2400. Adjust brightness, contrast, and color settings via the OSD menu.                                                      |
| Monitor not powering on                 | No power; Faulty power adapter/cable.                                         | Verify power connection. Try a different power outlet or USB-C power source.                                                                                                |

If the issue persists after trying these solutions, please contact customer support.

## 8. TECHNICAL SPECIFICATIONS

| Feature                | Specification                                       |
|------------------------|-----------------------------------------------------|
| Screen Size            | 16 Inches                                           |
| Resolution             | 3840 x 2400 Pixels (4K)                             |
| Panel Type             | IPS                                                 |
| Brightness             | 400 Nits (Candela)                                  |
| Contrast Ratio         | 1500:1                                              |
| Color Gamut            | 100% sRGB                                           |
| Aspect Ratio           | 16:10                                               |
| Refresh Rate           | 60 Hz                                               |
| Connectivity           | 2 x USB-C 3.2, 1 x HDMI 2.0, 1 x 3.5mm Audio Jack   |
| Dimensions (L x W x H) | 13.74 x 9.72 x 0.39 inches                          |
| Item Weight            | 1.54 lbs (Monitor Only) / 2 pounds (with packaging) |
| Manufacturer           | MAGICRAVEN                                          |

| Feature      | Specification |
|--------------|---------------|
| Model Number | M1603         |



Figure 8: Product Dimensions.

## 9. WARRANTY AND SUPPORT

The MAGICRAVEN 16-inch 4K Portable Monitor comes with a standard return policy allowing returns within 30 days of purchase for refund or replacement. For specific warranty details, please refer to the documentation provided with your purchase or contact the manufacturer directly.

For further assistance, technical support, or warranty claims, please contact:

**Manufacturer:** MAGICRAVEN

**User Guide (PDF):** [Download User Guide](#)

Please have your product model number (M1603) and purchase information ready when contacting support.

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### 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

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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 of the manual you are using.

**Submit question**