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› MAGICRAVEN 2.5K Large Portable Monitor User Manual

MAGICRAVEN MRPM-18001

MAGICRAVEN 2.5K Large Portable Monitor User Manual

Model: MRPM-18001

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your MAGICRAVEN 2.5K Large Portable Monitor. Designed for enhanced productivity and immersive entertainment, this 18-inch IPS display offers a 2560x1600 resolution, 60Hz refresh rate, and versatile connectivity options. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

WHAT'S IN THE BOX

- 1 x 18" 2.5K Portable Monitor
- 1 x Smart Cover
- 1 x User Manual
- 1 x Power Adapter
- 1 x USB-C to USB-C Cable
- 1 x USB-A to USB-C Cable
- 1 x HDMI to Mini HDMI Cable

Wide Devices Compatible



Tablet



Smartphone



PC



SWITCH



Laptop



Macbook



PS5



XBOX S

Image: All items included in the product packaging.

PRODUCT FEATURES

- **18-inch 2.5K IPS Display:** Features a spectacular IPS A-grade screen with 2560x1600 resolution, 60Hz refresh rate, 300 nits brightness, 1000:1 contrast ratio, 100% sRGB, and a 178-degree wide viewing angle. Includes HDR, Low Blue Light,

and FreeSync features for crisp, vivid images and clear detail.

- **Enhanced Productivity:** Connects easily to your device with a single cable, instantly increasing your screen real estate without driver installation. Ideal for a second or multiple screen setup to improve work efficiency and gaming experience.
- **Dual USB-C & Mini-HDMI Ports:** Offers plug-and-play functionality with 2 USB-C 3.2 ports and a Mini-HDMI 2.0 port, ensuring compatibility with most devices supporting USB-C 3.1 Gen2 or HDMI 2.0. USB-C cables are used for both video and power transmission.
- **VESA Mountable & Smart Cover:** Can be used with the included smart cover for standing or mounted using standard 75x75mm VESA holes (VESA stand not included). Supports landscape or portrait mode.
- **Slim & Lightweight Design:** Weighs only 2.0 lbs (monitor only) and has a thickness of 0.2" - 0.39", making it highly portable.



Image: The 18-inch 2.5K portable monitor with its smart cover acting as a stand.

18 inch 2.5K Large Portable Monitor



HDR
Mode



100%
sRGB



16.7
Million Colors



300cd/m²



178°
View Angle

18"

10.5"

15.7"

Image: Visual representation of the monitor's dimensions (18 inches diagonal, 15.7 inches width, 10.5 inches height).

2560*1600P QHD Resolution

MagicRaven portable monitor equips 2.5K IPS A-grade screen

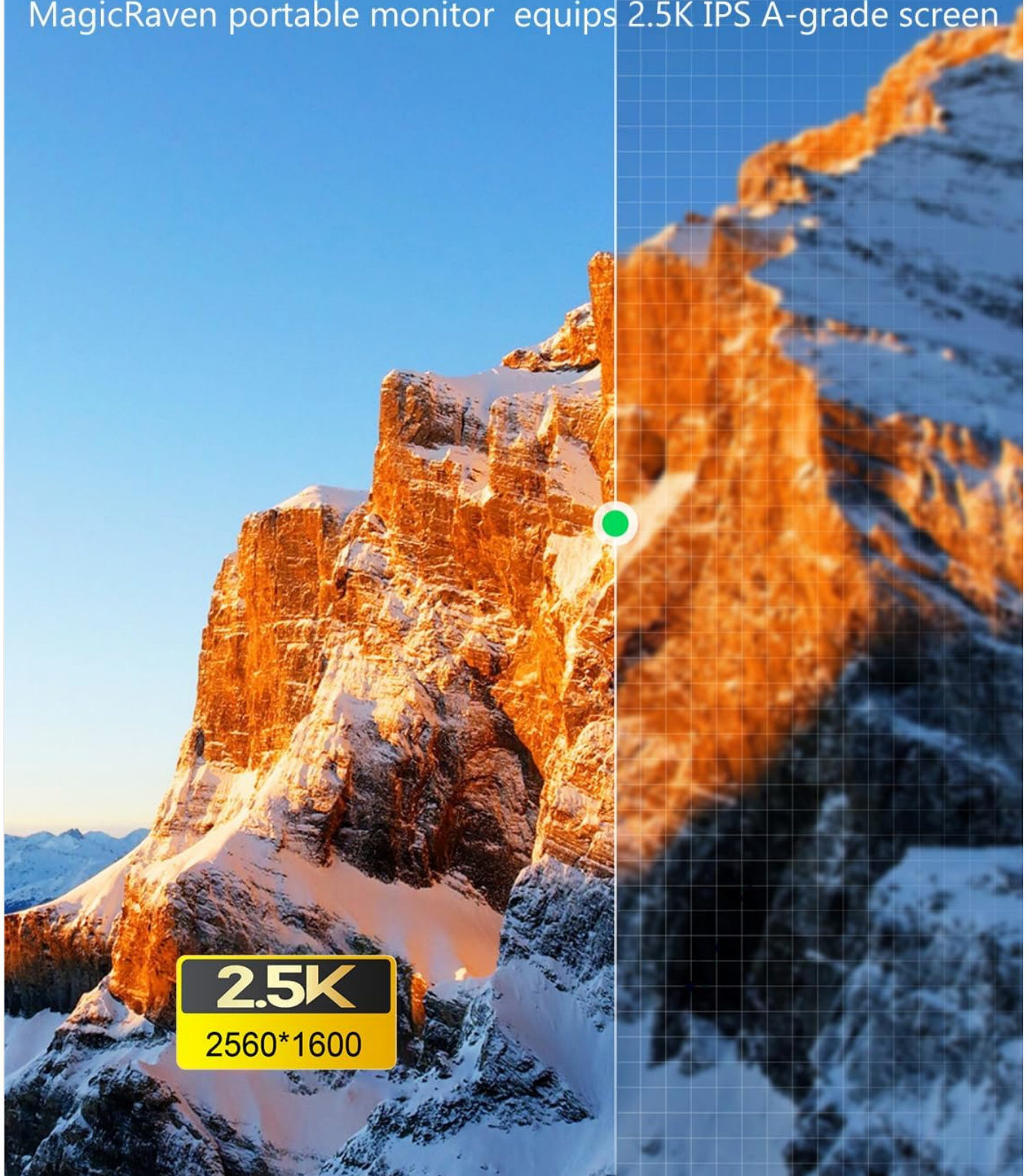


Image: Illustrates the superior detail and clarity of 2.5K (2560x1600) resolution compared to lower resolutions.

SETUP GUIDE

Connecting Your Monitor

The MAGICRAVEN portable monitor supports various devices via USB-C and Mini-HDMI connections. Ensure your device

supports video output over USB-C (DisplayPort Alternate Mode) or has an HDMI output.

1. **Power Connection:** Connect the provided power adapter to the monitor's USB-C power input port. This is crucial for stable operation. *Do not use the Micro-USB port to get power.*
2. **USB-C Connection (Video & Power):** For devices with a full-featured USB-C port (supporting DisplayPort Alt Mode and Power Delivery), use the included USB-C to USB-C cable. Connect one end to your device's USB-C port and the other to either of the monitor's USB-C 3.2 ports. This single cable can transmit both video signal and power.
3. **HDMI Connection (Video Only):** For devices with an HDMI output, use the included HDMI to Mini HDMI cable. Connect the HDMI end to your device and the Mini HDMI end to the monitor's Mini HDMI 2.0 port. When using HDMI, you must also connect the monitor to a power source via one of the USB-C ports using the USB-A to USB-C cable and power adapter.
4. **Audio Output:** If desired, connect headphones or external speakers to the 3.5mm audio jack on the monitor.

Wide Devices Compatible



Tablet



Smartphone



PC



SWITCH



Laptop



Macbook



PS5



XBOX S

Image: Detailed view of the monitor's connectivity ports.

Increase Your Productivity

Get a large second monitor and get things done faster and better



Image: Example setup showing the portable monitor extending a laptop display for productivity.

Portable Gaming Monitor

Plug and Play, No Driver Need



Switch



X-BOX



Ps4&PS5



Image: Example setup showing the portable monitor connected to various gaming consoles.

OPERATING INSTRUCTIONS

On-Screen Display (OSD) Menu

The monitor features an intuitive OSD menu for adjusting settings such as brightness, contrast, color temperature, and input

source. The control buttons are located on the side of the monitor.

- **Power Button:** Press to turn the monitor on/off.
- **Menu/Enter Button:** Press to open the OSD menu or confirm a selection.
- **"+" Button:** Navigate up or increase values in the OSD menu.
- **"-" Button:** Navigate down or decrease values in the OSD menu.
- **Back Button:** Exit the current menu or go back to the previous level.

Using the Smart Cover

The included smart cover not only protects your monitor but also functions as a versatile stand. Its magnetic design allows for easy attachment and adjustment to various viewing angles, supporting both landscape and portrait orientations.



Image: Demonstrates the flexibility of the smart cover for different viewing angles and orientations.

SPECIFICATIONS

Feature	Detail
Screen Size	18 Inches
Resolution	2560 x 1600 Pixels (2.5K QXGA Wide)
Refresh Rate	60Hz
Panel Type	IPS A-grade
Brightness	300 Candela
Contrast Ratio	1000:1
Color Gamut	100% sRGB
Viewing Angle	178 Degrees
Aspect Ratio	16:10
Connectivity	2 x USB-C 3.2, 1 x Mini-HDMI 2.0, 1 x 3.5mm Audio Jack
Weight (Monitor Only)	2.0 lbs
Dimensions	0.39 x 9.84 x 15.55 inches
VESA Mount	75x75mm
Manufacturer	MAGICRAVEN
Model Number	MRPM-18001

TROUBLESHOOTING

- **No Signal / Black Screen:**
 - Ensure the power adapter is correctly connected to the monitor's USB-C power input.
 - Verify that the video cable (USB-C or HDMI) is securely connected to both the monitor and your device.
 - Check if your device's USB-C port supports DisplayPort Alt Mode for video output.

- Try a different cable or port if available.
- Restart your connected device.
- **No Power:**
 - Confirm the power adapter is plugged into a working power outlet.
 - Ensure the USB-C power cable is firmly connected to the monitor.
 - *Remember: Do not use the Micro-USB port for power.*
- **Image Flickering / Unstable Display:**
 - Ensure the monitor is receiving sufficient power. If using a single USB-C cable, your device might not provide enough power; try connecting the external power adapter.
 - Check the video cable for damage or loose connections.
 - Adjust the refresh rate or resolution settings on your connected device.
- **No Audio from Speakers:**
 - Check the volume settings on both the monitor (via OSD) and your connected device.
 - Ensure no headphones are plugged into the 3.5mm audio jack if you intend to use the built-in speakers.
 - Verify that the audio output is set to the portable monitor on your connected device.

MAINTENANCE

To ensure the longevity and optimal performance of your MAGICRAVEN portable monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a non-abrasive screen cleaner. Avoid using alcohol, ammonia, or abrasive cleaners.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Storage:** When not in use, store the monitor in a cool, dry place, preferably in its smart cover, to protect it from dust and scratches.
- **Avoid Extreme Conditions:** Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.
- **Handle with Care:** Avoid dropping the monitor or subjecting it to strong impacts.

WARRANTY AND SUPPORT

MAGICRAVEN is committed to providing high-quality products and excellent customer service.

- **Return Policy:** 30-day return period.
- **Replacement Policy:** 90-day replacement period.
- **Warranty:** 3-year warranty from the date of purchase.
- **Lifetime Support:** Enjoy lifetime technical support for your product.
- **Customer Service:** 24/7 customer service available, with replies typically within 8 hours.

For support, please refer to the contact information provided in your product packaging or visit the official MAGICRAVEN website.

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

Email

you@example.com

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

Open the live page

<https://manuals.plus/asin/B0CG9ND8C1>

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