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› [MAGICRAVEN](#) /

› MAGICRAVEN 17.3" 2.5K Portable Monitor User Manual

MAGICRAVEN M1701

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Model: M1701

INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your MAGICRAVEN 17.3" 2.5K Portable Monitor. Designed for versatility and high performance, this monitor enhances productivity and entertainment on the go. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PRODUCT FEATURES

- **High-Resolution Display:** Features a 17.3-inch IPS A-grade screen with 2560x1440 (2.5K QHD) resolution, offering crisp, vivid images and clear details.
- **Vibrant Color & Contrast:** Boasts a 1000:1 contrast ratio, 300 nits brightness, and 100% sRGB color gamut for accurate and rich color reproduction.
- **Wide Viewing Angle:** 178-degree wide viewing angle ensures consistent image quality from various perspectives.
- **Smooth Performance:** 60Hz refresh rate for smooth visuals.
- **Advanced Display Technologies:** Includes HDR (High Dynamic Range) for enhanced contrast and color, Low Blue Light mode for eye comfort, and FreeSync for tear-free gaming.
- **Plug and Play:** Simple connectivity without the need for driver installation.
- **Versatile Connectivity:** Equipped with two full-feature USB-C ports and one HDMI port for broad compatibility with laptops, Mac, PCs, PS5/4, Xbox, Nintendo Switch, and more.
- **Integrated Audio:** Features two built-in speakers for audio output.
- **VESA Mountable:** Standard 75x75mm VESA holes allow for mounting to a desktop arm or wall mount (mount not included).
- **Portable Design:** Lightweight at 2.01 lbs (monitor only) and slim with 0.39-inch thickness, making it ideal for travel and mobile use.



Figure 1: The MAGICRAVEN 17.3" 2.5K Portable Monitor, showcasing its sleek design and vibrant display.



Figure 2: Overview of the monitor's technical specifications and display enhancements.

WHAT'S IN THE BOX

- MAGICRAVEN Portable Monitor (17.3" 2.5K)
- Magnetic Cover (doubles as a stand)
- USB-A to USB-C Cable (for power, with 15W charger)
- HDMI to Mini HDMI Cable
- USB-C to USB-C Cable (black, for full-feature connectivity including power and video)
- USB-C to USB-C Cable (white, for power only)
- Power Adapter
- User Guide
- Microfiber Cleaning Cloth



Figure 3: Contents of the product packaging.

SETUP INSTRUCTIONS

1. Unpacking and Initial Inspection

1. Carefully remove all components from the packaging.
2. Inspect the monitor and accessories for any signs of damage. If any damage is found, do not proceed with setup and contact customer support.

2. Setting Up the Monitor Stand

The included magnetic cover serves as a versatile stand for your portable monitor.

- Lay the magnetic cover flat on a stable surface.
- Align the monitor with the magnetic strips on the cover. The magnets will secure the monitor in place.
- Fold the cover to create a triangular stand, adjusting the angle to your preferred viewing position.



Figure 4: The magnetic cover provides stable support and adjustable viewing angles.

3. VESA Mounting (Optional)

For a more permanent setup, the monitor features standard 75x75mm VESA mounting holes on the back.

- Ensure the VESA mount (not included) is compatible with 75x75mm patterns.
- Carefully attach the monitor to the VESA mount using appropriate screws.
- Adjust the monitor to your desired landscape or portrait orientation.

Vesa Mountable



Figure 5: The monitor can be easily mounted using a VESA-compatible arm.

CONNECTIVITY AND OPERATION

1. Connecting to Devices

The monitor supports various devices via USB-C and HDMI.

- **USB-C (Full-Feature):** For devices with a full-feature USB-C port (supporting DisplayPort Alternate Mode and Power Delivery), use the black USB-C to USB-C cable. This single cable provides both video signal and power.
- **HDMI:** For devices with an HDMI output, use the HDMI to Mini HDMI cable. You will also need to connect the monitor to power using the USB-A to USB-C cable and power adapter, or the white USB-C to USB-C power cable.

- **Power Only USB-C:** The white USB-C to USB-C cable is specifically for power input to the monitor.

Figure 6: The monitor offers plug-and-play compatibility with a wide range of devices.

Figure 7: Detailed view of monitor ports and their compatible devices.



Figure 8: Connecting via the full-feature USB-C port for simplified setup.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. The buttons are located on the side of the monitor.

- **Power Button:** Press to turn the monitor on/off.
- **Volume Adjuster/Menu Navigation:** Use to navigate the OSD menu and adjust volume.
- Specific button functions may vary; refer to the included quick start guide for detailed button mapping.

3. Display Settings

- **HDR (High Dynamic Range):** Enable HDR in the OSD menu for enhanced contrast and color depth.



Figure 9: Visual difference between HDR and SDR display modes.

- **Low Blue Light:** Activate this mode to reduce blue light emissions, minimizing eye strain during prolonged use.



Figure 10: Low Blue Light mode helps reduce eye fatigue.

- **FreeSync:** For compatible gaming devices, enable FreeSync to synchronize the monitor's refresh rate with the GPU's frame rate, eliminating screen tearing and stuttering.



Figure 11: FreeSync technology provides a smoother gaming experience.

4. Audio Output

The monitor has built-in speakers. You can also connect external headphones or speakers via the 3.5mm audio jack.



Figure 12: The monitor features integrated speakers for convenient audio.

5. Productivity and Entertainment

Utilize the portable monitor to extend your laptop screen for increased productivity, or connect to gaming consoles and mobile devices for immersive entertainment.

Figure 13: Enhance your workspace by using the monitor as a second display.



Figure 14: The monitor facilitates easy screen sharing in collaborative environments.

Your browser does not support the video tag.

Video 1: Official demonstration of the MagicRaven Portable Monitor's features and uses.

MAINTENANCE

- **Cleaning the Screen:** Use the provided microfiber cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Do not spray liquid directly onto the screen.
- **Cleaning the Body:** Wipe the monitor's body with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the monitor in its magnetic cover to protect the screen from scratches and impacts. Store in a cool, dry place.
- **Cable Care:** Handle cables by the connectors, not the wires, to prevent damage. Avoid sharp bends or kinks in the cables.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No display/No signal	Incorrect cable connection. Insufficient power. Device output settings.	Ensure all cables (USB-C or HDMI + power) are securely connected. Verify the power adapter is connected and providing sufficient power (especially for HDMI connections). Check your device's display settings to ensure it's configured to output to an external monitor. Try extending or duplicating the display. Ensure you are using the correct USB-C cable for full-feature connectivity (black cable).
Screen is dim	Brightness setting is too low. Power saving mode.	Adjust brightness via the OSD menu. Disable any power saving modes on the monitor or connected device.
No audio from speakers	Volume too low or muted. Incorrect audio output device selected.	Increase volume using the monitor's volume adjuster or OSD menu. On your connected device, ensure the portable monitor is selected as the audio output device.
Screen flickering/tearing	Cable quality or connection issue. FreeSync not enabled (for gaming).	Try a different high-quality cable. Ensure FreeSync is enabled in the OSD menu and on your gaming device/GPU settings.

SPECIFICATIONS

Feature	Detail
Screen Size	17.3 Inches
Panel Type	IPS A-grade
Resolution	2560 x 1440 (2.5K QHD)
Refresh Rate	60Hz
Contrast Ratio	1000:1
Brightness	300 nits (Candela)
Color Gamut	100% sRGB
Viewing Angle	178°
Aspect Ratio	16:9
Ports	2 x Full-Feature USB-C, 1 x HDMI, 1 x 3.5mm Audio Jack, 1 x Micro USB (for data/power)
Speakers	2 x Built-in
VESA Mount	75x75mm
Product Dimensions	0.47 x 9.65 x 15.55 inches
Item Weight	2.2 pounds (Monitor Only)

Feature	Detail
Manufacturer	MAGICRAVEN
Model Number	M1701

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official MAGICRAVEN website or contact their customer service directly. Keep your purchase receipt for warranty claims.

- **Return Policy:** 30-day refund/replacement policy from the date of purchase.
- **Protection Plans:** Optional 3-Year and 4-Year Protection Plans are available for extended coverage.

You can also find additional support and resources on the product's Amazon listing page.

