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› MAGICRAVEN A3-23.8-1080P-100Hz Portable Monitor User Manual

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MAGICRAVEN A3-23.8-1080P-100Hz Portable Monitor User Manual

Model: A3-23.8-1080P-100Hz

INTRODUCTION

This manual provides instructions for the setup, operation, and maintenance of your MAGICRAVEN A3-23.8-1080P-100Hz Portable Monitor. This 23.8-inch Full HD (1920x1080) monitor features a 100Hz refresh rate, HDR support, and versatile connectivity options, making it suitable for various applications including extending laptop screens, gaming, and general entertainment. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present and in good condition. If any items are missing or damaged, please contact customer support.



Image: Contents of the product packaging.

- 1 x 23.8" Portable Monitor
- 1 x User Manual
- 1 x Power Adapter

- 2 x USB-C Full-Featured Cable
- 1 x HDMI to HDMI Cable

PRODUCT FEATURES

Display Characteristics

- **Screen Size:** 23.8 inches IPS A-grade panel
- **Resolution:** 1920x1080 Full HD
- **Refresh Rate:** 100Hz
- **Brightness:** 300 nits (cd/m²)
- **Contrast Ratio:** 1000:1
- **Color Gamut:** 100% sRGB
- **Viewing Angle:** 178 degrees
- **Features:** HDR technology, AMD FreeSync Premium, Low Blue Light, Anti-glare, Non-flicker design



Image: High-quality IPS screen with 100% sRGB and 300 nits brightness.

YOU CAN GET IN THE BOX

- 1 x 23.8" Portable Monitor
- 1 x User Manual
- 1 x Power Adapter
- 2 x USB C Full-Featured cable
- 1 x HDMI to HDMI cable



Image: HDR viewing experience for clearer and brighter visuals.



Image: Low Blue Light feature for eye protection.

Connectivity and Design

- **Ports:** 2 x Full-function USB-C ports, 1 x HDMI port, 1 x OTG port (for keyboard/mouse), 1 x 3.5mm Audio Jack
- **Built-in Speakers:** Integrated for audio output
- **Kickstand:** 0-180° fold-out kickstand for adjustable viewing angles
- **VESA Mount:** 75x75mm VESA compatible for alternative mounting options
- **Slim Design:** 8mm thin, lightweight for portability

HDR Viewing Experience

Clearer & Brighter, enable HDR for more vivid, immersive visuals—ideal for gaming or app browsing.



Image: Monitor ports and control buttons.

MagicRaven

23.8" 100HZ Portable Monitor

This is the perfect choice for traveling work, presentations, or gaming, and it also can position the monitor at the optimal angle to save space and enhance comfort



Image: 0-180° Fold-Out Kickstand in use.

23.8" Big Screens Incess Viewing Experience

23.8"

13.3"

14"



Image: VESA mountable feature.

SETUP

The MAGICRAVEN portable monitor is designed for plug-and-play functionality. Ensure your device supports the necessary video output and power delivery via USB-C or HDMI.

Connecting to a Laptop/PC (USB-C)

1. Connect one end of the provided USB-C to USB-C cable to a full-featured USB-C port on your laptop/PC.
2. Connect the other end of the USB-C cable to one of the full-function USB-C ports on the monitor.
3. If your laptop's USB-C port supports power delivery, the monitor will draw power and display video automatically. If not, connect the included power adapter to the monitor's second USB-C port or use an external power bank.

Connecting to a Laptop/PC (HDMI)

1. Connect one end of the provided HDMI to HDMI cable to the HDMI port on your laptop/PC.
2. Connect the other end of the HDMI cable to the HDMI port on the monitor.
3. Connect the included power adapter to one of the monitor's USB-C ports for power, as HDMI does not transmit power.

Connecting to Gaming Consoles (PS5, Xbox, Switch)

1. For PS5/Xbox: Connect the console's HDMI output to the monitor's HDMI input using the provided HDMI cable. Connect the monitor to power using the power adapter via a USB-C port.
2. For Nintendo Switch: Connect the Switch console directly to the monitor via a full-featured USB-C cable. Ensure the Switch is powered on. The monitor will draw power from the Switch or require external power via its second USB-C port.

Connecting to Smartphones/Tablets

1. If your smartphone/tablet supports DisplayPort Alternate Mode (DP Alt Mode) over USB-C, connect it to the monitor using a full-featured USB-C cable.
2. The monitor will draw power from your device. If the device cannot provide sufficient power, connect the monitor to external power via its second USB-C port.

Using the OTG Port

The dedicated OTG port on the monitor is for connecting USB peripherals like a keyboard or mouse. It is not for power input or video signal.

OPERATING INSTRUCTIONS

Power On/Off

- Press the **Turn ON/OFF** button (refer to the ports diagram in Product Features) to power on the monitor.
- Press and hold the **Turn ON/OFF** button for a few seconds to power off the monitor.

On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the control buttons located on the side of the monitor (refer to the ports diagram).

- Press the **Menu/Confirm** button to open the OSD menu.
- Use the **Volume/+** and **Brightness/-** buttons to navigate through menu options.
- Press **Menu/Confirm** again to select an option or confirm a setting.
- Press the **Return** button to go back to the previous menu or exit the OSD.

Adjusting Volume and Brightness

- In normal operation (outside the OSD menu), press the **Volume/+** button to increase volume.
- Press the **Brightness/-** button to decrease brightness.

Display Modes (Mirror/Extend)

When connected to a laptop or PC, you can configure the display mode:

- **Extend Mode:** Expands your desktop across both screens, allowing for multi-tasking.
- **Mirror Mode:** Duplicates your primary screen's content onto the portable monitor, useful for presentations or sharing content.

These settings are typically adjusted through your operating system's display settings (e.g., Windows Display Settings, macOS System Preferences > Displays).

MAINTENANCE

Cleaning the Monitor

- Always power off the monitor and disconnect all cables before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, alcohol, or abrasive materials, as these can damage the screen surface.

General Care

- Avoid placing heavy objects on the monitor.
- Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.
- Keep the monitor away from strong magnetic fields.
- When traveling, use a protective sleeve or case to prevent scratches and damage.

TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No signal / Black screen	• Ensure all cables (USB-C, HDMI) are securely connected to both the monitor and the source device. • Verify the source device is powered on and outputting video. • Check if the monitor is receiving power. • Try a different cable or port. • Ensure your laptop/PC display settings are configured to extend or duplicate the display.
Monitor not powering on	• Ensure the power adapter is correctly connected to the monitor's USB-C port and a working power outlet. • If using a laptop/phone for power, ensure it supports sufficient power delivery via USB-C. • Test the power adapter with another device if possible, or try a different compatible power adapter. (Note: Some users have reported issues with the included power adapter; consider using a reliable alternative if problems persist).
Flickering screen	• Check cable connections. • Reduce the refresh rate in your device's display settings. • Ensure your graphics drivers are up to date. • Try a different cable.
No sound from speakers	• Increase the monitor's volume using the OSD menu or the dedicated volume button. • Check your source device's audio output settings to ensure audio is directed to the monitor. • Ensure the 3.5mm audio jack is not in use if you intend to use the built-in speakers.

Problem	Possible Cause / Solution
Image is distorted or incorrect resolution	- Adjust the resolution settings on your source device to 1920x1080. - Ensure the aspect ratio is set to 16:9. - Check for updated graphics drivers.

SPECIFICATIONS

Feature	Detail
Brand	MAGICRAVEN
Model Number	MAGICRAVEN A3-23.8-1080P-100Hz
Screen Size	23.8 inches
Resolution	FHD 1080p (1920 x 1080)
Aspect Ratio	16:9
Screen Surface	Matte
Contrast Ratio	1000:1
Refresh Rate	100 hertz
Display Type	LCD (IPS Panel)
Viewing Angle	178 degrees
Brightness	300 cd/m²
Color Gamut	100% sRGB
Picture Enhancement	HDR
Connectivity Technology	HDMI, Thunderbolt (USB-C)
Hardware Connectivity	HDMI, Thunderbolt 3, Thunderbolt 4, USB 3.1 Type C
Adaptive Sync	FreeSync
Additional Features	Built-In Speakers, Eye Care, Flicker-Free
Item Dimensions (D x W x H)	11.8"D x 7.6"W x 0.4"H
Total Number of HDMI Ports	1
Total USB Ports	2 (USB-C) + 1 (OTG)

WARRANTY AND SUPPORT

Warranty Information

The MAGICRAVEN A3-23.8-1080P-100Hz Portable Monitor comes with a **2-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

MAGICRAVEN is committed to providing reliable service. For any questions, technical assistance, or warranty claims, please contact our customer service team.

- **Support Availability:** 24/7 Customer Service
- **Lifetime Support:** We offer lifetime technical support for our products.
- **Contact:** Refer to the contact information provided in the packaging or on 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