MAGICRAVEN A3-16.0''-1200P-165Hz

MAGICRAVEN A3-16.0''-1200P-165Hz Portable Gaming Monitor User Manual

Model: A3-16.0"-1200P-165Hz | Brand: MAGICRAVEN

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your MAGICRAVEN A3-16.0"-1200P-165Hz Portable Gaming Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and longevity. Keep this manual for future reference.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x MAGICRAVEN A3-16.0"-1200P-165Hz Portable Monitor
- 1 x USB-C to USB-C Cable
- 1 x USB-A to USB-C Cable
- 1 x HDMI to HDMI Cable
- 1 x Smart Cover
- 1 x Power Adapter

3. KEY FEATURES

- **165Hz Refresh Rate:** Experience smooth, tear-free gaming with a high refresh rate and AMD FreeSync Premium technology.
- **16-inch 1920x1200 IPS Display:** Enjoy crisp, vivid images with 500 nits brightness, 100% sRGB, and a 178-degree wide viewing angle.
- **HDR Technology:** Enhanced contrast and color for a more immersive visual experience.
- **Ultra-Slim & Lightweight Design:** Weighing only 1.3 lbs and 0.2"-0.35" thick, ideal for portability.
- **Dual USB-C Ports & Mini-HDMI:** Versatile connectivity for laptops, PCs, phones, and gaming consoles (PS5/4, Xbox, Switch).
- **Plug-and-Play:** No driver installation required for immediate use.

- **Built-in Speakers:** Integrated audio for convenience.
- **Eye Care Features:** Blue Light filtering, Anti-glare, and Non-flicker design to reduce eye strain.

4. SETUP GUIDE

4.1 Connecting to a Laptop/PC (USB-C)

1. Ensure your laptop/PC has a USB-C port that supports video output (DisplayPort Alternate Mode) and power delivery.
2. Connect one end of the provided USB-C to USB-C cable to a compatible USB-C port on your laptop/PC.
3. Connect the other end of the USB-C to USB-C cable to one of the USB-C ports on the monitor.
4. If your device does not provide sufficient power, connect the included power adapter to the monitor's other USB-C port for external power.
5. The monitor should automatically detect the signal and display your screen. You may need to adjust display settings on your laptop/PC (e.g., Extend, Duplicate).

4.2 Connecting to a Laptop/PC (HDMI + USB-A for Power)

1. Connect one end of the provided HDMI to HDMI cable to your laptop/PC's HDMI output.
2. Connect the other end of the HDMI to HDMI cable to the Mini-HDMI port on the monitor.
3. Connect the USB-A to USB-C cable from your laptop/PC's USB-A port (or the power adapter) to one of the monitor's USB-C ports for power.
4. The monitor should display the signal. Adjust display settings on your laptop/PC as needed.

4.3 Connecting to Gaming Consoles (PS5/4, Xbox, Switch)

1. For Nintendo Switch, connect the USB-C to USB-C cable from the Switch to the monitor. Ensure the monitor is powered externally via the power adapter connected to its other USB-C port.
2. For PS5/4 or Xbox, connect the HDMI to HDMI cable from the console to the monitor's Mini-HDMI port. Power the monitor externally using the power adapter connected to a USB-C port.
3. The monitor will display the console's output.

4.4 Using the Smart Cover

The included smart cover protects the monitor and can be folded to act as a stand. Adjust the fold to achieve your desired viewing angle.

Image: The MAGICRAVEN portable monitor set up with its smart cover acting as a stand.

5. Operating Instructions

5.1 Power On/Off

- To power on, press the Power button located on the side of the monitor.
- To power off, press and hold the Power button for a few seconds until the screen turns off.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons on the side of the monitor to navigate and select options.

- **Menu Button:** Press to open the OSD menu.
- **Up/Down Buttons:** Navigate through menu options or adjust values.
- **Enter Button:** Confirm selection or enter a sub-menu.
- **Exit Button:** Go back to the previous menu or exit the OSD.

Common OSD Settings:

- **Brightness/Contrast:** Adjust screen luminance and contrast levels.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select the correct input source (USB-C 1, USB-C 2, HDMI).
- **HDR Mode:** Enable or disable High Dynamic Range.
- **FreeSync:** Enable or disable AMD FreeSync Premium for adaptive sync.
- **Low Blue Light:** Activate eye protection mode.
- **Volume:** Adjust the built-in speaker volume.

Image: Side view of the monitor highlighting the various ports and control buttons.

6. PORT OVERVIEW

The monitor features multiple ports for versatile connectivity:

- **USB-C 3.2 Ports (x2):** Supports video input (DisplayPort Alt Mode) and power delivery. Use one for video/power from a compatible device, or one for video and the other for external power.
- **Mini-HDMI 2.0 Port:** For video input from devices like gaming consoles, cameras, or older laptops. Requires external power via a USB-C port.
- **3.5mm Audio Jack:** Connect external headphones or speakers.
- **Micro-USB Port:** This port is primarily for connecting low-power USB peripherals like a keyboard or mouse,

not for power input to the monitor.

Image: Detailed view of the monitor's input/output ports.

7. VISUAL GUIDE AND DEMONSTRATIONS

7.1 Product Overview

Image: The portable monitor connected to various devices, including a gaming console and a smartphone, demonstrating its versatility.

7.2 High Refresh Rate in Action

Image: Visual representation comparing the smoothness of 144Hz and 165Hz refresh rates on the monitor, highlighting reduced ghosting.

7.3 Connectivity Demonstration

Your browser does not support the video tag.

Video: An official demonstration of the MagicRaven Portable Monitor's various connectivity options and use cases with different devices.

8. TECHNICAL SPECIFICATIONS

Feature	Detail

Model Number	M16101
Screen Size	16 Inches
Resolution	1920 x 1200 Pixels (UXGA Wide)
Refresh Rate	165Hz
Brightness	500 Nits (Candela)
Aspect Ratio	16:10
Contrast Ratio	1200:1
Panel Type	IPS
Screen Surface	Matte
Product Dimensions	0.39 x 9.72 x 13.74 inches
Item Weight	1.3 pounds
Connectivity	2 x USB-C, 1 x Mini-HDMI, 1 x 3.5mm Audio Jack, 1 x Micro-USB (for peripherals)
Voltage	5 Volts (DC)

9. TROUBLESHOOTING

9.1 No Signal / Black Screen

- **Check Cables:** Ensure all cables (USB-C, HDMI) are securely connected to both the monitor and the source device.
- **Power Supply:** Confirm the monitor is receiving adequate power. If using USB-C for video, ensure the source device supports power delivery or connect the external power adapter.
- **Input Source:** Manually select the correct input source in the OSD menu.
- **Device Compatibility:** Verify your source device's USB-C port supports DisplayPort Alternate Mode for video output.
- **Restart Devices:** Try restarting both the monitor and the connected device.

9.2 Dim Display

- **Adjust Brightness:** Increase the brightness setting in the OSD menu.
- **Power Source:** Ensure the monitor is receiving full power. Some devices may not provide enough power via a single USB-C cable, requiring the external power adapter.
- **HDR Settings:** If HDR is enabled, some content might appear dimmer. Adjust HDR settings or disable if not desired.

9.3 No Audio

- **Volume Settings:** Check the monitor's volume in the OSD menu and ensure it's not muted. Also check the volume on your source device.
- **Audio Output:** Ensure the audio output on your source device is set to the portable monitor.

- **Cable Connection:** Verify the video cable (USB-C or HDMI) is correctly connected, as audio is transmitted through these.
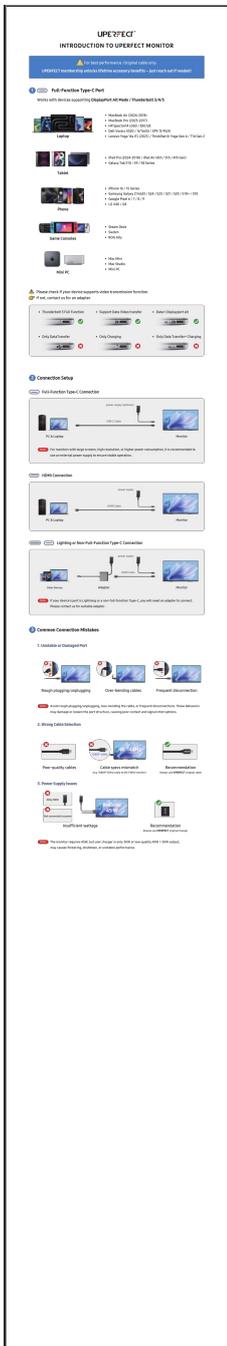
10. CARE AND MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth (like the provided microfiber cloth) to gently wipe the screen. For stubborn marks, lightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth.
- **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 it.
- **Avoid Extreme Conditions:** Do not expose the monitor to extreme temperatures, humidity, or direct sunlight for prolonged periods.
- **Handle with Care:** Avoid dropping or subjecting the monitor to strong impacts.

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official MAGICRAVEN website. Keep your proof of purchase for any warranty claims.
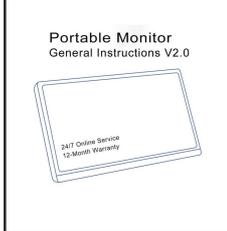
Related Documents - A3-16.0''-1200P-165Hz

Portable Monitor support@monitor-vip.com [Please contact our email when you meet any problem] Version No:V1.1	[MAGICRAVEN Portable Monitor User Guide](#) Comprehensive user guide for the MAGICRAVEN Portable Monitor, detailing setup, connectivity, mode settings, OSD menu operations, troubleshooting, and supported devices for various laptops and phones.
Hisense USER MANUAL Before using the TV, please read this manual thoroughly and retain it for future reference. ENGLISH FRANÇAIS ESPAÑOL	[Hisense User Manual: Comprehensive Guide to Your Hisense Television](#) This user manual from Hisense provides detailed instructions and guidance for operating your Hisense TV, covering setup, feature utilization, and troubleshooting for an optimal viewing experience.
16inch FHD Portable Monitor User Manual	[ZEUSLAP 16-inch FHD Portable Monitor User Manual	Specs, Connections, and Features](#) Comprehensive user manual for the ZEUSLAP 16-inch FHD Portable Monitor. Learn about specifications, connection guides for phones, laptops, and gaming consoles, OSD menu settings, and safety precautions.

[UPERFECT Portable Monitor User Guide and Troubleshooting](#)

This guide provides setup instructions, connection diagrams, and troubleshooting steps for UPERFECT portable monitors, including compatibility information and after-sales support details.

[ZSCMALLS Portable Monitor General Instructions V2.0](#)

Comprehensive instructions for setting up and using the ZSCMALLS Portable Monitor, including package contents, connection methods for various devices (laptops, phones, gaming consoles), display settings, OSD menu navigation, troubleshooting tips, and service support information.