

MAGICRAVEN A1-14"-1200P

MAGICRAVEN 14-inch Portable Monitor A1-14"-1200P User Manual

Model: A1-14"-1200P

1. INTRODUCTION

Thank you for purchasing the MAGICRAVEN 14-inch Portable Monitor. This manual provides essential information for setting up, operating, and maintaining your new portable display. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

2. PRODUCT OVERVIEW

Key Features

- **Full HD IPS Panel:** Features a 1920x1200 resolution IPS LCD panel with a 16:10 aspect ratio, 1500:1 contrast ratio, and 300cd/m² brightness. Offers a wide 178° viewing angle for clear images from various positions.
- **Versatile Connectivity:** Equipped with Mini HDMI, two USB-C ports, and a 3.5mm audio jack, ensuring compatibility with laptops, desktops, smartphones, Nintendo Switch, PS4/PS5, Xbox ONE, and other devices.
- **Single Cable Solution:** A single USB-C (USB-C 3.1 Gen2) cable can transmit video, audio, data, and power (requires DP Alt Mode support from the connected device). An AC adapter is included for additional power if needed.
- **Ultra-Portable Design:** Weighing approximately 500g and with a minimum thickness of 5.3mm, this 14-inch monitor features a narrow bezel, making it lightweight and easy to carry for on-the-go multi-display setups.
- **Integrated Audio & Stand:** Includes two built-in speakers and a 3.5mm audio output for external speakers or headphones. A folding protective cover doubles as a sturdy stand.

Package Contents

- MAGICRAVEN 14-inch Portable Monitor
- Protective Folding Cover (doubles as a stand)
- USB-C to USB-C Cable (1.5m)
- Mini HDMI to HDMI Cable (1.5m)
- USB-A to USB-C Cable (for power)
- AC Power Adapter



Figure 2.1: Included Accessories

This image displays the portable monitor, its protective cover, a USB-C to USB-C cable, a Mini HDMI to HDMI cable, a USB-A to USB-C power cable, and an AC power adapter, which are all included in the package.

3. SETUP INSTRUCTIONS

3.1 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, contact customer support immediately.
3. Place the monitor on a stable, flat surface.

3.2 Using the Protective Cover as a Stand

The included protective cover can be folded to serve as a stand for the monitor, allowing for adjustable viewing angles.



Figure 3.1: Monitor with Protective Cover as Stand

This image shows the MAGICRAVEN portable monitor positioned on a desk, with its black protective cover folded to form a stable stand, holding the screen upright.

3.3 Connecting to a Device

The monitor supports two primary connection methods: USB-C (single cable) and HDMI (with separate power).

USB-C Single Cable Connection

For devices that support USB-C 3.1 Gen2 with DisplayPort Alternate Mode (DP Alt Mode), a single USB-C to USB-C cable can transmit video, audio, data, and power.

1. Connect one end of the USB-C to USB-C cable to the USB-C port on your device.
2. Connect the other end of the USB-C to USB-C cable to one of the USB-C ports on the portable monitor.
3. If the monitor does not power on or the display is unstable, connect the AC power adapter to the monitor's other USB-C port for additional power.

スマホもパソコンも、USB-C一本だけで接続可能

*接続端末はDP ALT MODEに対応必要



Figure 3.2: Single USB-C Cable Connection

This image illustrates how a laptop and a smartphone can be connected to the portable monitor using just one USB-C cable for both power and display, simplifying the setup.

HDMI Connection with External Power

For devices without USB-C DP Alt Mode support, or for stable power delivery, use the HDMI connection.

1. Connect one end of the Mini HDMI to HDMI cable to your device's HDMI port.
2. Connect the Mini HDMI end of the cable to the Mini HDMI port on the portable monitor.
3. Connect the USB-A to USB-C power cable to the monitor's USB-C power input port.
4. Connect the USB-A end of the power cable to a power source (e.g., AC adapter, laptop USB port).

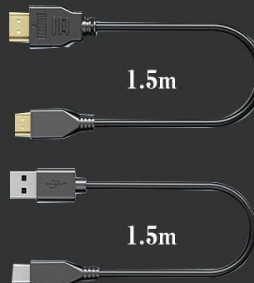
1本USB-C ケーブル接続



*お使いのデバイスのUSB CポートがThunderbolt 3/4に対応しているか、またはオーディオ及びビデオ信号の伝送に対応していることを確認してください。



2本のケーブル接続



mini HDMI to HDMIケーブル
USB-A to USB-C電源ケーブル
*USB-Cポートがない場合は、HDMIケーブルを通じて信号を伝送しながら、電源ケーブルを使って外部電源からモニターに電力供給できます。



Figure 3.3: Dual Cable Connection (HDMI + Power)

This diagram details two ways to connect the monitor: one using a single USB-C cable for both data and power, and another using an HDMI cable for video/audio and a separate USB-C cable for power, indicating when external power is required.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The monitor will typically power on automatically when connected to a powered device via USB-C or when external power is supplied. To manually power on/off or adjust settings, use the control buttons located on the side of the monitor.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings such as brightness, contrast, color temperature, and input source. Refer to the specific button functions on your monitor for navigation.

4.3 Audio Output

The monitor has built-in speakers for audio output. For private listening or higher quality audio, connect headphones or external speakers to the 3.5mm audio jack.

5. CONNECTIVITY

The MAGICRAVEN portable monitor offers broad compatibility with various devices and operating systems, including:

- Laptops (Windows, macOS)
- Desktop PCs
- Smartphones (Android, iOS with appropriate adapters/cables)
- Gaming Consoles (Nintendo Switch, PlayStation 4/5, Xbox ONE/Series X|S)
- Cameras (with HDMI output)



Figure 5.1: Wide Device Compatibility

This image visually demonstrates the monitor's compatibility with a diverse array of devices such as smartphones, laptops, desktop computers, cameras, Nintendo Switch, PlayStation consoles, Xbox consoles, and Mac devices, highlighting its

versatility.

大画面でゲームをするのが最適



Figure 5.2: Gaming Setup Example

This image displays the portable monitor integrated into a gaming setup, connected to a Nintendo Switch, PlayStation, and Xbox, showcasing its suitability for an enhanced gaming experience.

6. DISPLAY MODES

When connected to a computer, the portable monitor can be configured for various display modes to enhance productivity:

- **Duplicate Mode:** Mirrors the content of your primary display.
- **Extend Mode:** Extends your desktop workspace, allowing you to drag windows between screens.
- **Second Screen Only Mode:** Displays content only on the portable monitor.
- **Vertical Mode:** The monitor can be rotated and configured for a vertical display, ideal for coding, document viewing, or social media feeds.



Figure 6.1: Vertical Display Mode

This image illustrates the portable monitor set up in a vertical orientation next to a laptop, demonstrating its utility for tasks like coding or viewing long documents, enhancing workspace efficiency.

7. MAINTENANCE

7.1 Cleaning the Monitor

- Always power off the monitor and disconnect it from the power source 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, solvents, or abrasive materials, as these can damage the screen or casing.

7.2 Storage

- When not in use, store the monitor in its protective cover to prevent scratches and damage.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

超軽量ボディ、持ち運び便利

重量
503g

最薄部
5.5mm



Figure 7.1: Portable Design and Protection

This image emphasizes the monitor's slim profile and lightweight design, showing it being easily placed into a protective sleeve, underscoring its portability and the importance of using the cover for protection during transport.

8. TROUBLESHOOTING

If you encounter issues with your MAGICRAVEN portable monitor, please refer to the following common solutions:

Problem	Possible Cause	Solution
No display/"No Signal" message	Incorrect input source selected, loose cable connection, insufficient power, device not outputting signal.	Ensure cables are securely connected. Check if your device supports DP Alt Mode for USB-C. Try connecting the AC adapter for power. Select the correct input source via the OSD menu. Restart your connected device.

Problem	Possible Cause	Solution
Monitor powers off unexpectedly	Insufficient power.	Connect the AC power adapter to the monitor. Ensure the power source provides adequate power.
Flickering or unstable display	Faulty cable, interference, insufficient power.	Try a different cable. Ensure the AC adapter is connected. Avoid placing the monitor near strong electromagnetic sources.
No audio from speakers/headphones	Volume too low, mute enabled, incorrect audio output selected on device.	Adjust monitor volume via OSD. Check device's audio output settings. Ensure headphones/external speakers are properly connected.
Buttons not responding	Temporary software glitch.	Disconnect and reconnect the power cable to reset the monitor.

If the problem persists after trying these solutions, please contact **MAGICRAVEN** customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	MAGICRAVEN
Model Number	A1-14"-1200P
Series	P141A13D
Screen Size	14 inches
Resolution	1920 x 1200 (FHD 1200p)
Aspect Ratio	16:10
Panel Type	IPS LCD
Viewing Angle	178°
Contrast Ratio	1500:1
Brightness	300 cd/m²
Screen Surface	Non-glossy
Dimensions (W x H x D)	31.2 x 21.3 x 0.5 cm (approx.)
Weight	Approx. 500g
Color	Black
Input Ports	Mini HDMI, 2x USB-C (full-featured), 3.5mm Audio Jack

Feature	Specification
Built-in Battery	No
Built-in Speakers	Yes (2 speakers)

10. WARRANTY AND SUPPORT

MAGICRAVEN is a specialized manufacturer of portable monitors. We are committed to providing high-quality products and excellent customer service.

Technical Support

Our technical support team is available year-round to assist you with any technical questions or issues you may encounter with your monitor. Please refer to your product packaging or the official MAGICRAVEN website for contact information.

Warranty Information

Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions may vary by region. For detailed warranty information, please visit the official MAGICRAVEN website or contact customer support.