MAGICRAVEN A2-16.1"-1080P-144HZ

MAGICRAVEN 16.1-inch 144Hz Portable Monitor User Manual

Model: A2-16.1"-1080P-144HZ

1. INTRODUCTION

Thank you for choosing the MAGICRAVEN 16.1-inch 144Hz Portable Monitor. This ultra-light and ultra-thin display is designed to enhance your productivity and gaming experience with its vibrant FHD IPS panel, high refresh rate, and versatile connectivity. This manual will guide you through the setup, operation, and maintenance of your new monitor.

Figure 1: Overview of the MAGICRAVEN 16.1-inch Portable Monitor highlighting its key features.

2. SETUP

2.1 Package Contents

Please ensure all items are present in the package:

- MAGICRAVEN 16.1-inch Portable Monitor
- Protective Cover/Stand
- USB-C to USB-C Cable
- Mini HDMI to HDMI Cable
- USB-A to USB-C Power Cable
- Power Adapter
- User Manual

2.2 Connecting Your Monitor

The monitor offers versatile connectivity options. Ensure your source device supports the necessary output.

300nit輝度

最大300nitの高輝度IPSパネルを採用、
ゲームやマルチ作業で鮮やかな映像の
美しさを明るく生き生きとした視聴体験を提供します。

300nit輝度 ◀ ▶ 250nit輝度

Figure 2: Monitor ports and compatible devices including Mini HDMI, Type-C, 3.5mm audio, and OTG.

1. **Power Connection:** Connect the monitor to a power source using the provided USB-A to USB-C power cable and power adapter.

2. **Video Connection:**

   - **USB-C (Full-featured):** For devices with a full-featured USB-C port (supporting DisplayPort Alternate Mode), connect directly using the USB-C to USB-C cable for both video and power. If the device's power output is insufficient, connect the external power adapter.
   - **Mini HDMI:** Connect to your device's HDMI port using the Mini HDMI to HDMI cable. An additional USB-C power connection will be required.

3. **Audio Output:** Use the 3.5mm headphone jack for external audio devices.

   Video 1: Demonstrates the unboxing, setup, and gaming experience with a 16.1-inch 144Hz portable monitor.

   Video 2: Shows the unboxing, various connection methods, and gaming on a 15.6-inch 144Hz portable monitor.

3. OPERATING INSTRUCTIONS

3.1 Display Modes

The monitor supports various display modes to suit your needs:

- **Extended Mode:** Expand your desktop across both screens for increased workspace.
- **Duplicate Mode:** Mirror your primary screen's content on the portable monitor.

- **Vertical Display:** Rotate the monitor for a vertical orientation, ideal for reading documents or coding.

3.2 High Refresh Rate (144Hz)

Experience ultra-smooth visuals with a 144Hz refresh rate, significantly smoother than standard 60Hz displays. This is particularly beneficial for fast-paced gaming and dynamic content.

Figure 3: The monitor's 144Hz refresh rate provides a dynamic gaming experience.

Note:

- The maximum refresh rate of 144Hz may vary depending on the output device.
- The connection method (HDMI or Type-C) can also affect the achievable maximum refresh rate.

3.3 On-Screen Display (OSD) Menu

Use the OSD menu buttons (located on the side of the monitor) to adjust settings such as brightness, contrast, color mode, HDR, and more. Refer to the port diagram in Section 2.2 for button locations.

3.4 Visual Enhancements

- **IPS Panel:** Enjoy a 178° ultra-wide viewing angle with consistent brightness and color from any perspective.
- **100% sRGB:** Experience a wide color gamut and high color reproduction for vivid photos and videos.
- **HDR Mode:** Enhances brightness and contrast, revealing richer details in both dark and bright areas of the image.
- **Blue Light Filter:** Reduces blue light emission to minimize eye strain during prolonged use.

4. MAINTENANCE

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

- **Cleaning:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in its protective cover in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always handle the monitor with care. Avoid dropping it or applying excessive pressure to the screen.

- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.

5. TROUBLESHOOTING

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

- **No Signal:**
  - Ensure all cables (power and video) are securely connected.
  - Verify that your source device is powered on and configured to output video to an external display.
  - If using USB-C, confirm your device's USB-C port supports DisplayPort Alternate Mode.
  - Try a different video cable or port on your source device.

- **No Power:**
  - Check if the power adapter is correctly plugged into a working outlet and the monitor.
  - If powered via USB-C from your device, ensure the device provides sufficient power. Try connecting the external power adapter.

- **Image Flickering or Distortion:**
  - Check the video cable for damage or loose connections.
  - Adjust the refresh rate settings on your source device.
  - Ensure the monitor's resolution matches your source device's output.

- **No Sound from Built-in Speakers:**
  - Increase the volume on both the monitor and your source device.
  - Check your source device's audio output settings to ensure audio is directed to the external display.

If the issue persists after trying these steps, please contact customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	MAGICRAVEN
Model	A2-16.1"-1080P-144HZ
Screen Size	16.1 inches
Resolution	1920 x 1080 (FHD)
Refresh Rate	144Hz
Panel Type	IPS
Aspect Ratio	16:9
Surface	Non-glare

Feature	Specification
Color Gamut	100% sRGB
Weight (Monitor Body)	Approx. 617g
Dimensions (W x H x D)	367 x 229 x 5 mm (thinnest point)
Connectivity	Mini HDMI, 2x Full-featured Type-C, 3.5mm Audio, OTG Port
Special Features	HDR Mode, Blue Light Filter, Built-in Speakers

7. WARRANTY & SUPPORT

7.1 Warranty Information

MAGICRAVEN is committed to providing high-quality products. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

7.2 Customer Support

As a specialized manufacturer of portable monitors, MAGICRAVEN offers dedicated customer support. If you have any questions or concerns regarding your product, please do not hesitate to contact our customer support team. We are always ready to assist you.
For support, please visit our official website or refer to the contact information provided in your product packaging.