

MAGICRAVEN MRDM-156-1080-60

MAGICRAVEN A1-Dual-15.6" Portable Dual Monitor User Manual

Model: A1-Dual-15.6"-1080P-60Hz-Wins Only (MRDM-156-1080-60)

1. INTRODUCTION

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of your MAGICRAVEN A1-Dual-15.6" Portable Dual Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Windows Only, True Plug And Play:** No driver or application installation is required. Features two full-function USB Type-C ports. Operates with most Windows system laptops using a single USB-C to USB-C cable. Note: For phones and tablets, only mirror mode is supported.
- **Dual 15.6" Screens:** Provides a three-screen workstation setup, enhancing work efficiency. Supports extended, mirror, split, and portrait display modes.
- **1080P High Definition Display:** Equipped with two IPS LCD matte panels, offering 300 nits brightness, 100% sRGB color gamut, 1000:1 contrast ratio, and a 178° viewing angle. Includes flicker-free low blue light technology to reduce eye fatigue. Each screen has independent buttons for brightness and RGB adjustments.
- **360° Foldable Monitor:** The upper screen can rotate 360 degrees for easy content sharing. A dedicated screen rotation button allows for a 180-degree flip for face-to-face discussions. Features a 3.7 lbs metal frame, designed for portability.
- **Stable Kickstand:** Integrated 90° adjustable kickstand allows for flexible positioning in both landscape and portrait modes.

Triple Screens for **Windows** Laptop

Boost Your Productivity



Figure 1: Triple screen setup for Windows laptops.

2.2 Package Contents

- 1 x MAGICRAVEN A1-Dual-15.6" Portable Dual Monitor
- 1 x USB-C to USB-C Cable
- 1 x User Manual (This document)
- Other necessary cables (e.g., HDMI, USB-A to USB-C) may be included depending on the package.

3. SETUP INSTRUCTIONS

3.1 Connecting to a Laptop (Windows Only)

The MAGICRAVEN A1-Dual-15.6" Portable Dual Monitor is designed for Windows systems and offers true plug-and-play functionality via USB-C.

1. Ensure your laptop has a full-function USB Type-C port that supports video output.
2. Connect one end of the provided USB-C to USB-C cable to a full-function USB Type-C port on your laptop.
3. Connect the other end of the USB-C to USB-C cable to one of the full-function USB Type-C ports on the portable monitor.

4. The monitor should automatically detect the connection and display the extended screen.
5. If the display does not appear automatically, check your laptop's display settings (e.g., Windows Display Settings) to ensure the external monitors are detected and configured correctly.

Note: For phones and tablets, this monitor only supports mirror mode.

Single Full-featured USB-C Connection

Plug and Play, compatible with most windows laptops, tablet and phones

USB-C



Note: Please make sure that your laptop comes with a full-function Type-C port.



Figure 2: Single USB-C connection for plug-and-play setup.

3.2 Using the Integrated Kickstand

The monitor features a built-in 90° adjustable kickstand for stable positioning on various surfaces.

1. Gently pull out the kickstand from the back of the monitor unit.
2. Adjust the kickstand to your desired angle, up to 90 degrees, to achieve a comfortable viewing position.

3.3 VESA Mounting (Optional)

The monitor is VESA mountable, supporting a 75x75mm pattern with M4*6mm screws.

1. Ensure the monitor is powered off and disconnected from all devices.
2. Locate the VESA mounting holes on the back of the monitor.
3. Attach the monitor to a compatible VESA mount using M4*6mm screws.

Built-in Stand & VESA Mountable



Figure 3: Built-in stand and VESA mounting details.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The monitor powers on automatically when connected to a compatible laptop via USB-C. To power off, simply disconnect the USB-C cable from your laptop or the monitor.

4.2 Adjusting Display Settings

Each screen has separate control buttons for independent adjustments.

1. Locate the control buttons (typically a volume rocker and a power button) on the side of each monitor panel.
2. Press the volume rocker button inward to access the On-Screen Display (OSD) menu.
3. Use the rocker button to navigate through menu options such as Brightness, Contrast, and RGB settings.
4. Press the power button to go back or exit the menu.

These adjustments allow you to personalize your viewing experience for each screen.

4.3 Display Modes

The monitor supports various display modes to optimize your workflow and viewing needs.

Extended Mode

Extends your laptop's desktop across the two portable screens, providing a larger, continuous workspace for multitasking.

Mirror Mode

Duplicates your laptop's display onto the portable screens, which is useful for presentations or sharing content with others.

Portrait Mode

Rotates the display to a vertical orientation, ideal for viewing documents, code, or long web pages.

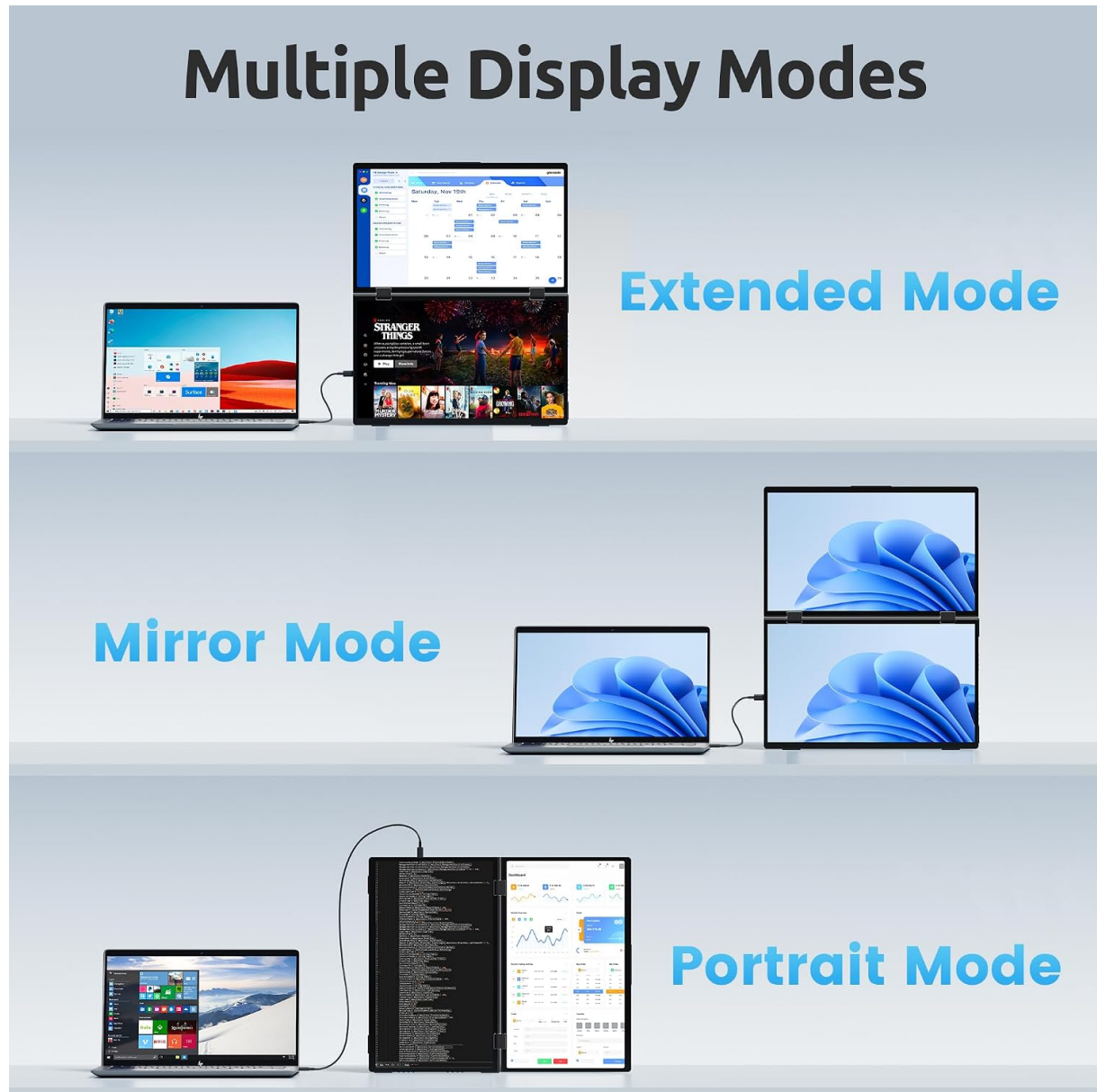


Figure 4: Multiple display modes (Extended, Mirror, Portrait).

4.4 360° Rotation and Sharing

The upper screen of the monitor can rotate 360 degrees, facilitating easy screen sharing with colleagues or friends.

A dedicated screen rotation button allows you to quickly flip the laptop screen 180 degrees, which is convenient for face-to-face discussions.

Foldable & Portable



Figure 5: 360° rotatable screen for collaboration.

5. MAINTENANCE

5.1 Cleaning the Screens

Use a soft, lint-free cloth to gently wipe the screen surfaces. For stubborn marks, slightly dampen the cloth with water or a screen-cleaning solution specifically designed for electronic displays. Avoid harsh chemicals, abrasive materials, or spraying liquids directly onto the screen.

5.2 Storage

When not in use, fold the monitor to protect the screens from dust and damage. Store it in a cool, dry place, away from direct sunlight and extreme temperatures. The monitor's durable metal frame and foldable design make it suitable for transport in a backpack or carrying case.

6. TROUBLESHOOTING

6.1 No Display / One Monitor Not Turning On

Issue: The monitor does not display an image, or only one of the two screens turns on.

Solution:

- Ensure the USB-C cable is securely connected to both the laptop and the monitor.
- Verify that your laptop's USB-C port is a full-function port that supports video output.
- Restart your laptop. A system restart can resolve connection issues, especially if the monitor was recently unplugged and reconnected.
- Check your laptop's display settings (e.g., Windows Display Settings) to ensure the external monitors are detected and configured correctly (e.g., "Extend these displays" or "Duplicate these displays").
- Try a different USB-C cable if available, as a faulty cable can prevent display.
- Ensure your laptop has sufficient power. Some laptops may require external power to drive multiple external displays reliably.

6.2 Flickering or Unstable Display

Issue: The screen flickers or the image is unstable.

Solution:

- Ensure the USB-C cable is not damaged and is properly connected.
- Reduce the display resolution or refresh rate in your laptop's display settings to see if it stabilizes the image.
- Update your laptop's graphics drivers to the latest version.
- Ensure no strong electromagnetic interference sources are nearby that could affect the display signal.

6.3 Screen Brightness or Color Issues

Issue: The screen brightness or color appears incorrect or inconsistent.

Solution:

- Use the independent control buttons on each monitor panel to adjust brightness, contrast, and RGB settings to your preference.
- Check your laptop's display calibration settings, as these can affect the color output to external monitors.

7. SPECIFICATIONS

Feature	Detail
Model Number	MRDM-156-1080-60
Screen Size	Dual 15.6 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Aspect Ratio	16:9
Image Brightness	300 Candela (nits)
Color Gamut	100% sRGB
Contrast Ratio	1000:1
Viewing Angle	178°
Screen Surface	Matte IPS LCD

Connectivity	2 x Full-function USB Type-C Ports
Product Dimensions	0.47 x 9.9 x 16.65 inches
Item Weight	3.7 lbs (monitor only)
VESA Mount	75x75mm (M4*6mm screws)
Compatibility	Windows OS Only (Laptop), Mirror Mode for Phone/Tablet

8. WARRANTY AND SUPPORT

MAGICRAVEN provides the following support for this product:

- **30-Day Return Policy:** Eligible for returns within 30 days of purchase.
- **90-Day Replacement:** Product replacements are offered within 90 days of purchase for qualifying issues.
- **2-Year Warranty:** Covers manufacturing defects for two years from the date of purchase.
- **Lifetime Support:** Ongoing technical assistance is available for the product's lifespan.
- **Customer Service:** 24/7 customer service is available, with replies typically provided within 8 hours.

For support inquiries, please contact MAGICRAVEN customer service through the platform where you purchased the product or visit the official MAGICRAVEN website for contact information.