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MAGICRAVEN MRPM-133-4K-60-TP

MAGICRAVEN A3-13.3"-4K-60Hz-Touch Portable Monitor User Manual

Model: MRPM-133-4K-60-TP

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your MAGICRAVEN A3-13.3"-4K-60Hz-Touch Portable Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Image: The MAGICRAVEN 13.3-inch 4K UHD portable touchscreen monitor, showcasing its compact design and touch functionality.

2. Setup and Connections

The MAGICRAVEN portable monitor offers versatile connectivity options for various devices. Ensure your device supports the necessary output modes for full functionality.

2.1 Package Contents

- MAGICRAVEN A3-13.3"-4K-60Hz-Touch Portable Monitor
- Magnetic Protective Cover
- USB-C to USB-C Cable (for power and video/touch)
- Mini-HDMI to HDMI Cable (for video)
- USB-A to USB-C Cable (for touch function with HDMI)
- Power Adapter

2.2 Connecting Your Device

The monitor supports both USB-C and Mini-HDMI connections. The touch function requires specific cable configurations.

Image: Connection methods for enabling touch functionality. A single USB-C cable is used for full-featured USB-C ports, while an HDMI cable combined with a USB-A to USB-C cable is required for other setups.

2.2.1 USB-C Connection (Single Cable)

If your laptop or device has a full-featured USB-C port (supporting Thunderbolt 3.0/4.0 or USB 3.1/3.2 Type-C DP ALT-MODE), you can connect it to the monitor using a single USB-C to USB-C cable. This cable will provide both power, video, and touch functionality.

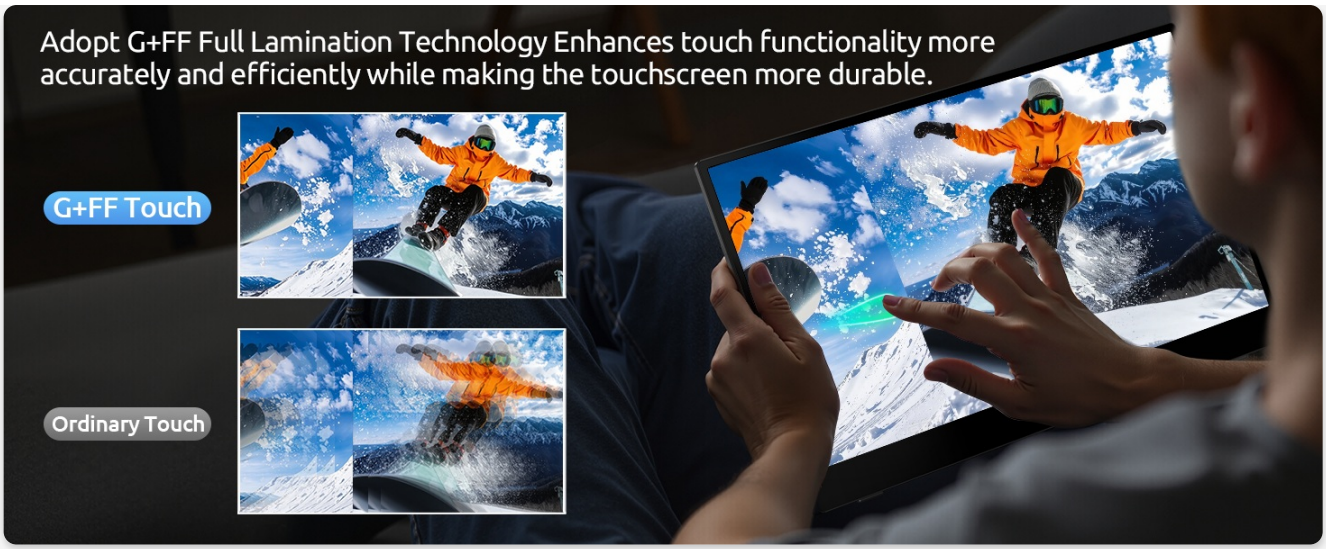

Image: A laptop connected to the portable monitor using a single USB-C cable, illustrating the simplified connection for compatible devices.

2.2.2 HDMI + USB-A to USB-C Connection

For devices without a full-featured USB-C port, use the Mini-HDMI to HDMI cable for video output. To enable touch functionality, simultaneously connect the USB-A to USB-C cable from your device to the monitor. If the monitor experiences flickering or insufficient power, connect the provided power adapter to the monitor's dedicated power input.

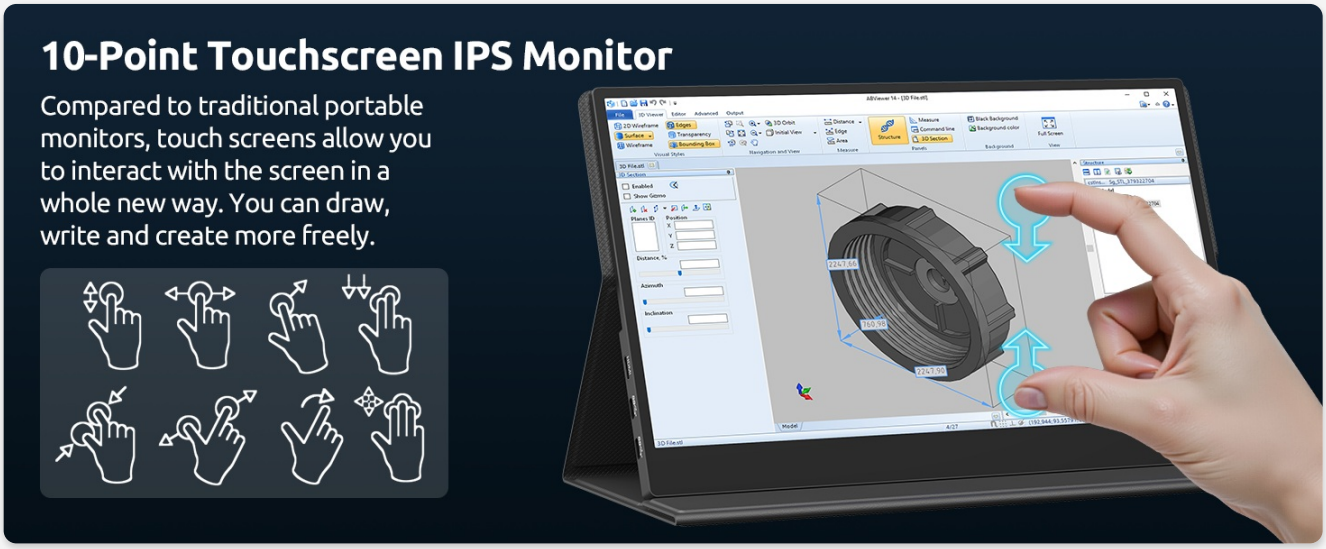

Image: A laptop connected to the portable monitor using both an HDMI cable for video and a USB-A to USB-C cable for touch input.

2.2.3 Power Supply

The monitor can draw power from a connected USB-C device. However, for stable operation, especially when using HDMI or if the connected device cannot supply sufficient power, use the included power adapter.

2.3 Touch Function Setup

- **Windows:** For 10-point touch, ensure both video and touch data cables are connected. You may need to go to 'Tablet PC Settings' in Windows to configure the touch display.
- **MacBook:** Supports 1-point touch. Ensure the mouse cursor is positioned on the portable monitor for touch input.
- **Unsupported Devices:** iPhone, iPad, and game consoles (e.g., PS5, Switch, Xbox) do not support the touch function due to system limitations.

Image: A visual guide to touch compatibility across various devices, distinguishing between 1-point, 10-point, and non-touch supported devices.

3. Operating Instructions

Familiarize yourself with the monitor's controls and features for effective use.

3.1 Monitor Controls and Ports

The monitor features intuitive controls and a variety of ports for connectivity.

Image: An overview of the monitor's physical ports and control buttons, including HDMI, USB-C, OTG, and the menu/roll key.

- **HDMI Port:** For video input from various devices.
- **USB-C Ports (x2):** For power, video, and touch data.
- **OTG Port:** For connecting external wired mouse or keyboard.
- **3.5mm Audio Port:** For connecting external headphones or speakers.
- **Menu Button/Roll Key:** Used to navigate the On-Screen Display (OSD) menu.

3.2 On-Screen Display (OSD) Menu

Access the OSD menu to adjust display settings such as brightness, contrast, color temperature, HDR mode, and low blue light settings. Use the menu button/roll key to navigate and select options.

3.3 Touchscreen Functionality

The monitor features a G+FF Full Lamination Technology touchscreen for accurate and durable interaction.

Image: A user demonstrating 10-point touch gestures on the portable monitor, highlighting its interactive capabilities.

- **10-Point Touch:** Supported on Windows and Android devices for multi-finger gestures.
- **1-Point Touch:** Supported on MacBook for basic touch interaction.
- **Productivity:** Utilize touch for presentations, design work, or general navigation to enhance workflow.

Image: The portable monitor being used for a business presentation, demonstrating how touch functionality can increase productivity with various applications.

3.4 VESA Mounting and Cover

The monitor is VESA mountable (75mm standard) for flexible setup options. The included magnetic cover also functions as a stand, allowing for landscape or portrait orientation.

Image: Features of the magnetic protective cover, highlighting its protective, waterproof, and anti-scratch qualities.

4. Maintenance

Proper care ensures the longevity and performance of your portable monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronics. For stubborn smudges, lightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Body:** Wipe the monitor's casing with a soft, dry cloth.
- **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:** Avoid applying excessive pressure to the screen or dropping the monitor.

5. Troubleshooting

Refer to this section for solutions to common issues.

5.1 No Signal / Black Screen

- Ensure all cables (USB-C or HDMI) are securely connected to both the monitor and your device.
- Verify that your device's output settings are configured to extend or duplicate the display to the portable monitor.
- Connect the external power adapter to the monitor to ensure sufficient power supply.
- Test with different cables if available.

5.2 Touch Function Not Working

- **USB-C Connection:** Ensure your device's USB-C port is full-featured (supports DP ALT-MODE) and the USB-C cable is capable of carrying touch data.
- **HDMI Connection:** Confirm that the USB-A to USB-C cable is also connected from your device to the monitor to enable touch.
- **Device Compatibility:** Remember that iPhone, iPad, and game consoles do not support touch functionality.
- **Windows:** Check 'Tablet PC Settings' to ensure the touch display is correctly identified and calibrated.
- **MacBook:** Ensure the mouse cursor is on the portable monitor for 1-point touch to register.

Image: A Nintendo Switch connected to the portable monitor, illustrating that touch functionality is not available for gaming devices due to system protection.

5.3 Flickering Screen

- Connect the external power adapter to the monitor. Insufficient power can cause flickering.
- Ensure the cables are not damaged and are properly seated.
- Reduce the display resolution or refresh rate on your connected device if the issue persists.

6. Specifications

Key technical specifications for the MAGICRAVEN A3-13.3"-4K-60Hz-Touch Portable Monitor:

Image: A summary of the monitor's main features, including its 4K resolution, IPS panel, and touch capabilities.

Feature	Specification
Model Number	MRPM-133-4K-60-TP
Screen Size	13.3 Inches
Resolution	3840 x 2160 Pixels (4K UHD)
Refresh Rate	60Hz
Aspect Ratio	16:9
Panel Type	IPS
Brightness	400 Candela (nits)
Contrast Ratio	1800:1
Color Gamut	100% sRGB
Viewing Angle	178 Degrees
Touch Function	10-point (Windows/Android), 1-point (MacBook)
Ports	2x USB-C, 1x Mini-HDMI, 1x OTG (USB-A), 1x 3.5mm Audio
Item Weight (Monitor Only)	1.37 lb
Product Dimensions	11.8 x 7.6 x 0.4 inches (Min 0.20" / Max 0.35" thickness)
VESA Mount	75mm Standard

7. Warranty and Support

For warranty information, please refer to the documentation included with your product packaging or visit the official MAGICRAVEN website. If you encounter any issues not covered in this manual, please contact MAGICRAVEN customer support for assistance.

Manufacturer: MAGICRAVEN

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