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> MAGICRAVEN 2K Portable Monitor User Manual

MAGICRAVEN P142Q17D

MAGICRAVEN 2K Portable Monitor User Manual

Model: P142Q17D | Brand: MAGICRAVEN

1. INTRODUCTION

Thank you for choosing the MAGICRAVEN 2K Portable Monitor. This device is designed to enhance your productivity and entertainment experience, offering a high-resolution display in a compact and lightweight form factor. This manual provides essential information for proper setup, operation, and maintenance of your new monitor.



1.1 Package Contents

Please verify that all items are present in the package:

- MAGICRAVEN 2K Portable Monitor
- Smart Cover / Stand
- USB-C to USB-C Cable
- Mini HDMI to HDMI Cable
- USB-A to USB-C Power Cable
- Power Adapter (if included)
- User Manual

2. KEY FEATURES

The MAGICRAVEN 2K Portable Monitor offers a range of features designed for superior visual performance and portability:

- **14-inch 2K QHD Display:** Experience crystal-clear visuals with a 2160x1440 resolution and a 15:10 aspect ratio.
- **IPS Panel:** Provides wide 178-degree viewing angles and accurate color reproduction.
- **High Contrast Ratio:** A 1500:1 contrast ratio delivers deeper blacks and brighter whites.
- **Ultra-Slim & Lightweight Design:** With a 0.43-inch profile and weighing just 1.05 lbs, it is highly portable.
- **Versatile Connectivity:** Features two full-featured USB-C ports, one Mini HDMI port, an OGT connector, and a 3.5mm headphone jack.
- **Built-in Speakers:** Two integrated speakers provide audio output.
- **Low Blue Light Technology:** Reduces blue light emission for comfortable long-term viewing.
- **Smart Cover:** Doubles as a protective cover and an adjustable stand.

14" 2K QHD Portable Monitor



2160*1440P

3 : 2

3:2 Screen



16.7 Million Colors



100%SRGB



300cd/m²



1500 : 1

Image: Visual representation of the monitor's key specifications including 2160*1440P resolution, 3:2 screen, 16.7 Million Colors, 100% sRGB, 300cd/m², and 1500:1 contrast ratio.

2160*1440P QHD Resolution

MagicRaven portable monitor equips 2K IPS A-grade screen

1080P

2K



Image: A visual comparison highlighting the superior clarity of 2K (2160*1440P) resolution compared to 1080P on the portable monitor.

0.2" Ultra-slim & Lightweight Design



Ultra Narrow Bezel



Weight 1.03 lbs



Image: The monitor's ultra-slim profile and lightweight design, emphasizing its portability.

Larger Screen, Greater Experience



ours 3:2

Extra 11% area



Image: A visual demonstrating the larger screen area provided by the 3:2 aspect ratio compared to a traditional 16:9 display.

3. SETUP

3.1 Connecting to Devices

The MAGICRAVEN portable monitor supports various devices via USB-C and HDMI connections. Ensure your device supports video output over the chosen port.

Wide Devices Compatible









USB-C 3.1

Audio

USB-C 3.1

OTG

Mini HDMI

Power

Menu/Enter

"+"Button

"-"Button

Back Button



Image: An illustration of the monitor's various ports (USB-C, Mini HDMI, Audio, OTG) and compatible devices.

3.1.1 USB-C Connection (Full-Featured)

For devices with a full-featured USB-C port (supporting DisplayPort Alternate Mode and power delivery):

1. Connect one end of the USB-C to USB-C cable to your device's USB-C port.
2. Connect the other end to either of the monitor's USB-C 3.1 ports.
3. The monitor should automatically detect the signal and power on. If not, connect the USB-A to USB-C power cable to an external power source (e.g., power adapter) and the other USB-C port on the monitor.

3.1.2 HDMI Connection

For devices with an HDMI port:

1. Connect one end of the Mini HDMI to HDMI cable to the monitor's Mini HDMI port.
2. Connect the other end to your device's HDMI port.
3. Connect the USB-A to USB-C power cable to one of the monitor's USB-C ports and an external power source (e.g., power adapter or a USB port on your device) as HDMI does not provide power.

3.2 Using the Smart Cover

The included smart cover protects your monitor and functions as a stand:

- Fold the cover into a triangular prism shape to create a stable stand.
- Adjust the monitor's angle by positioning it in the grooves of the folded cover.

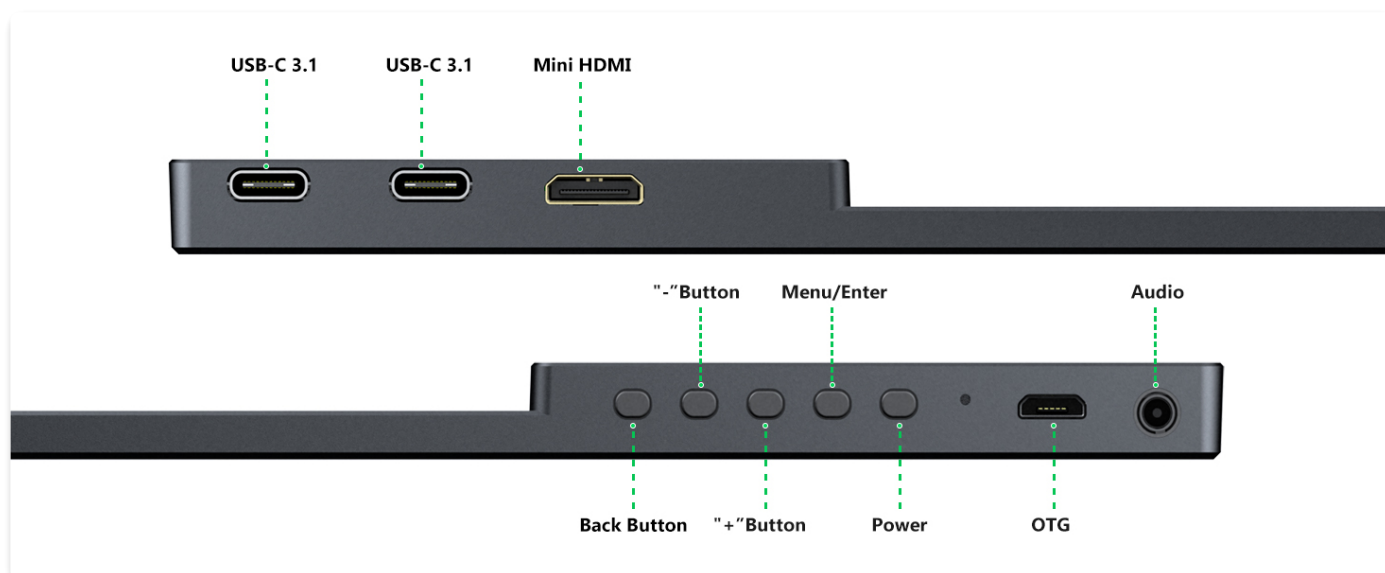


Image: Features of the multi-protection smart cover, highlighting its magnetic, protective, waterproof, and anti-scratch properties.

4. OPERATION

4.1 Powering On/Off

The monitor will typically power on automatically when connected to a compatible device that provides sufficient power. To manually power on or off, press and hold the Power button located on the side of the monitor.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the buttons on the side of the monitor to navigate:

- **Menu/Enter Button:** Press to open the OSD menu or confirm a selection.
- **"+" Button:** Navigate up or increase a value.
- **"-" Button:** Navigate down or decrease a value.
- **Back Button:** Go back to the previous menu or exit the OSD.

Common OSD Settings:

- **Brightness/Contrast:** Adjust the display's luminance and color depth.
- **Input Source:** Manually select between USB-C and Mini HDMI inputs.
- **Color Settings:** Adjust color temperature, hue, and saturation.
- **Display Mode:** Select preset modes for different content (e.g., Standard, Game, Movie).
- **Low Blue Light:** Enable or disable blue light filter.

4.3 Display Modes (Landscape/Portrait)

The monitor supports both landscape and portrait orientations. The display will automatically adjust if your connected device supports auto-rotation, or you can manually change it through your device's display settings.



0.2" Ultra-slim & Lightweight Design



Ultra Narrow Bezel



Weight 1.03 lbs

Image: The monitor demonstrating its flexibility with optional landscape and portrait display modes.

4.4 Usage Scenarios

The MAGICRAVEN portable monitor is versatile for various applications:

- **Extended Desktop:** Use as a second screen for your laptop to increase productivity.
- **Gaming Display:** Connect to gaming consoles (PS4/5, Xbox, Switch) for an immersive gaming experience.
- **Mobile Productivity:** Extend your smartphone's display for a larger workspace.
- **Business Presentations:** Easily share your screen during meetings.

Increase Your Productivity

Get a second monitor and
Get things done faster and better



Image: The portable monitor used as an extended display for a laptop, enhancing productivity with a dual-screen setup.

Play Game with Second Monitor

Enjoy No Lag, No Ghosting and Tear-free Game Play



Image: The portable monitor connected to various gaming consoles, providing a dedicated display for gaming.

5. MAINTENANCE

Proper care and maintenance will ensure the longevity of your MAGICRAVEN portable monitor:

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Wipe the monitor's casing with a soft, dry cloth. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in a cool, dry place, preferably in its smart cover, to protect it from dust and scratches.
- **Avoid Extreme Conditions:** Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No display / "No Signal" message	Incorrect input source selected; Insufficient power; Loose cable connection; Device not outputting signal.	Check cable connections; Ensure external power is supplied if needed; Select correct input source via OSD; Verify device's video output settings.
Flickering screen	Unstable power supply; Faulty cable; Interference.	Ensure stable power source; Try a different cable; Reduce electromagnetic interference.
No sound from speakers	Volume too low; Muted; Audio output not routed to monitor.	Increase monitor volume via OSD; Check device's audio output settings; Ensure monitor is not muted.
Monitor not powering on	No power; Faulty power cable/adapter.	Ensure power cable is securely connected; Try a different power adapter/USB port.
Image is blurry or distorted	Incorrect resolution; Cable issue.	Set device's resolution to 2160x1440; Try a different cable.

7. SPECIFICATIONS

Detailed technical specifications for the MAGICRAVEN 2K Portable Monitor:

Feature	Specification
Model	P142Q17D
Screen Size	14 Inches
Display Technology	LED IPS
Resolution	2160 x 1440 (2K QHD)
Aspect Ratio	3:2
Refresh Rate	60 Hz
Response Time	3 Milliseconds
Image Brightness	330 Candela (nits)

Feature	Specification
Image Contrast Ratio	1500:1
Viewing Angle	178 Degrees
Hardware Interface	2x USB-C 3.1 (Full-Featured), 1x Mini HDMI, 1x OTG, 1x 3.5mm Audio Jack
Built-in Speakers	Yes
Product Dimensions	6.5 x 37 x 25 cm (approx. 0.43 x 14.57 x 9.84 inches)
Item Weight	1.57 kg (approx. 3.46 lbs)

8. WARRANTY INFORMATION

MAGICRAVEN products are manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. Please refer to the warranty card included in your package or visit the official MAGICRAVEN website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any questions regarding your MAGICRAVEN 2K Portable Monitor, please contact our customer support team. Our dedicated team is available to provide professional assistance.

- **Email:** Refer to your product packaging or the official MAGICRAVEN website.
- **Website:** Visit the official MAGICRAVEN website for FAQs, drivers, and support resources.

Please have your product model number (P142Q17D) and purchase information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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