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moonka P10

moonka 10.5-inch Portable Monitor P10 User Manual

Model: P10

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your moonka 10.5-inch Portable Monitor P10. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The moonka P10 portable monitor is designed to extend your visual workspace, offering a 10.5-inch Full HD (1920x1280P) IPS display. Its compact and lightweight design, coupled with versatile connectivity options, makes it suitable for various applications, including work, entertainment, and gaming.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- moonka 10.5-inch Portable Monitor P10
- USB-C to USB-C Cable
- Mini HDMI to HDMI Cable
- USB-A to USB-C Power Cable
- Power Adapter
- Premium Smart Cover
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the physical components and ports of your portable monitor.



Image: The moonka 10.5-inch Portable Monitor P10 displayed with its smart cover acting as a stand, showcasing its slim profile and vibrant screen.

3.1 Ports and Controls



Support Multiple Devices

Type-C (Full Function)



Mini HDMI Port



OTG Interface



Image: A detailed diagram illustrating the various ports and controls on the moonka P10 portable monitor, including power button, wheel button, Micro USB, earphone jack, Type-C input, Type-C for charging, and Mini HD port.

- **Power ON/OFF Button:** Press and hold to turn the monitor on or off.
- **Wheel Button:** Used to navigate the On-Screen Display (OSD) menu and adjust settings.
- **Micro USB Port:** For connecting peripheral devices (e.g., keyboard, mouse) via an OTG adapter (not included).
- **Earphone Jack (3.5mm):** For connecting external headphones or speakers.
- **Type-C Input (Full Function):** For video signal transmission and power delivery from compatible devices (e.g., laptops, smartphones).
- **Type-C for Charging:** Dedicated power input for the monitor.
- **Mini HD Port:** For video signal transmission from devices using an HDMI output.

4. SETUP

Follow these instructions to connect your moonka P10 portable monitor to your device.

4.1 Single Cable Connection (USB-C)

This method is suitable for devices with a full-featured USB-C port that supports DisplayPort Alternate Mode and power delivery (e.g., Thunderbolt 3/4 or USB-C with DisplayPort support).

1. Connect one end of the provided USB-C to USB-C cable to the full-function Type-C input port on the monitor.
2. Connect the other end of the USB-C to USB-C cable to your device's full-featured USB-C port.
3. The monitor should automatically power on and display content. If not, press the Power ON/OFF button.

Narrow Bezel Display

Be prepared for brilliant visuals and crisp images with the unforgettable quality of stunning sRGB display.



	Low Blue Light		8bit 300 cd/m ²		sRGB 1920*1080
	HDR 16:9 Screen		16.7 Million Colors		1200:1 Contrast Ratio

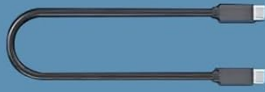
Image: A visual guide demonstrating how to connect the portable monitor to a laptop using a single USB-C cable for both power and display.

4.2 Two Cable Connection (Mini HDMI + USB-C for Power)

Use this method if your device does not have a full-featured USB-C port or if additional power is required.

1. Connect one end of the provided Mini HDMI to HDMI cable to the Mini HD port on the monitor.
2. Connect the other end of the Mini HDMI to HDMI cable to your device's HDMI output port.
3. Connect the provided USB-A to USB-C power cable to the dedicated Type-C charging port on the monitor.
4. Connect the USB-A end of the power cable to the power adapter and plug it into a power outlet.
5. The monitor should power on and display content. If not, press the Power ON/OFF button.

One cable connection



One USB-C cable for both power and display

* Please make sure the USB-C port on your device is Thunderbolt 3/4 or supports DisplayPort.



Two cables connection

mini HDMI to HD cable



USB-A to USB-C power cable



If your device does not have a USB-C port, you can connect the monitor via mini HDMI to HD cable and power the monitor with an external power supply by using the power cable.



Image: A visual guide demonstrating how to connect the portable monitor to a laptop using a Mini HDMI cable for display and a USB-C cable connected to a power adapter for power.

Note: For all connections, especially when connecting to gaming consoles or for optimal brightness, a separate power supply (15W or more) is recommended to avoid flickering or limitations in brightness and volume.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the **Power ON/OFF** button located on the side of the monitor for approximately 3 seconds to turn the monitor on or off.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings such as brightness, contrast, color temperature, and input source.

1. Press the **Wheel Button** to activate the OSD menu.
2. Roll the **Wheel Button** up or down to navigate through menu options.
3. Press the **Wheel Button** to select an option or confirm a setting.
4. To exit the OSD menu, navigate to the 'Exit' option or wait for the menu to time out.

5.3 Display Modes

Once connected, your device may offer different display modes:

- **Extend Mode:** Extends your desktop across both screens, providing more workspace.
- **Duplicate/Mirror Mode:** Duplicates your primary screen's content onto the portable monitor.
- **Second Screen Only:** Displays content only on the portable monitor.

These settings are typically adjusted through your operating system's display settings (e.g., Windows Display Settings, macOS System Preferences).

5.4 Audio

The monitor features built-in dual stereo speakers for audio output. You can also connect external headphones or speakers to the 3.5mm earphone jack for a private listening experience or higher quality audio.

6. DEVICE COMPATIBILITY

The moonka P10 portable monitor offers broad compatibility with various devices.

One Hub Many Devices

Connection to PC, Mac, Phones, Raspberry Pi, Xbox, Switch, PS4/5, and More



Image: An illustration showing the moonka P10 monitor connected to various devices such as a smartphone, tablet, MacBook, laptop, Nintendo Switch, Xbox, PlayStation, and PC, highlighting its multi-device support.

- **Laptops/PCs:** Compatible with Windows, macOS, and Linux laptops/PCs via USB-C (full function) or Mini HDMI.
- **Smartphones/Tablets:** Connects to compatible smartphones and tablets via USB-C (full function). Older iPhone models (before iPhone 15) may require a Lightning to HDMI adapter (not included).
- **Gaming Consoles:** Supports PlayStation (PS4/PS5), Xbox, and Nintendo Switch via Mini HDMI. For Nintendo Switch, a separate power supply for the monitor is required when connecting via USB-C to USB-C. Note: Switch 2 display supports HDMI only (no Type-C).
- **Mini Hosts:** Can serve as a main screen for devices like Mac mini or mini PCs.



Image: The moonka P10 portable monitor displayed on a conference table, showing its use for presentations or extended desktop in a business environment.

XBOX PS5/4 SWITCH



Image: Two individuals enjoying a video game on the moonka P10 portable monitor, connected to a gaming console, illustrating its use for portable gaming.

7. MAINTENANCE

Proper care and maintenance will help prolong the life of your monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Body:** Wipe the monitor's exterior with a soft, dry cloth.
- **Storage:** When not in use, store the monitor in a cool, dry place. The included smart cover provides protection against scratches and minor impacts.
- **Handling:** Avoid dropping the monitor or subjecting it to strong impacts. Do not place heavy objects on top of it.

Carry Your Screen Effortlessly



Image: The moonka P10 portable monitor shown with its smart cover, emphasizing the cover's role in protecting the screen and serving as a versatile stand.



High-Quality Case

Versatile stand doubles as a durable screen protector



Scratch Proof



Waterproof



Stylish



Image: A person effortlessly carrying the moonka P10 portable monitor, highlighting its lightweight and ultra-slim design for easy portability.

8. TROUBLESHOOTING

If you encounter issues with your moonka P10 monitor, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No display/"No Signal" message	Incorrect cable connection, insufficient power, incorrect input source selected.	<ul style="list-style-type: none"> • Ensure cables are securely connected to both the monitor and the source device. • Verify that the monitor is receiving adequate power, especially when using a single USB-C cable or with power-intensive devices. Connect the external power adapter if needed. • Check your device's display settings to ensure the output is enabled for the external monitor. • Use the OSD menu to manually select the correct input source (USB-C or Mini HD).
Monitor does not turn on after device powers down	Power management issue.	Unplug the power cable from the monitor and then re-plug it to restart the monitor.
Flickering screen or low brightness/volume	Insufficient power supply.	Ensure the monitor is connected to a power supply of 15W or more using the dedicated Type-C charging port and the provided power adapter.
Low audio volume from headphone jack	Monitor volume setting is low, or source device volume is low.	<ul style="list-style-type: none"> • Adjust the volume through the monitor's OSD menu. • Increase the volume on your connected source device. • Consider using an audio application or extension on your source device to boost volume if necessary.
Image is distorted or incorrect resolution	Incorrect display settings on the source device.	Adjust the display resolution on your source device to 1920x1280P for optimal display.

9. SPECIFICATIONS

Feature	Detail
Brand	moonka
Model Number	P10
Screen Size	10.5 Inches
Resolution	1920 x 1280 Pixels (FHD)
Aspect Ratio	16:10
Display Technology	IPS
Screen Surface	Glossy
Product Dimensions	0.3 x 8 x 6 inches
Item Weight	2.01 pounds
Connectivity	2x USB-C (1 full-function, 1 power-only), 1x Mini HD, 1x Micro USB, 1x 3.5mm Audio Jack
Features	HDR Support, Eye-Care Technology (Low Blue Light), Dual Stereo Speakers

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official moonka website. If you experience any issues not covered in this manual, please contact moonka customer service for assistance.

