

WCKUN PDM-15T

WCKUN Portable Monitor Touchscreen 15.6 Inch 1080P FHD User Manual

Model: PDM-15T

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your WCKUN Portable Monitor Touchscreen 15.6 Inch 1080P FHD (Model PDM-15T). Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The WCKUN Portable Monitor is designed for versatility, offering a 15.6-inch Full HD IPS display with 10-point touch functionality. Its compact and lightweight design makes it suitable for various applications, including extended desktop use, gaming, and mobile productivity.

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.

- WCKUN Portable Monitor (Model PDM-15T)
- Standard HDMI Cable (59 inch)
- USB-C to USB-C Cable (39 inch)
- USB-A to USB-C Cable (47 inch)
- Power Adapter
- Neoprene Protection Sleeve
- User Manual (this document)



Figure 2.1: Included Accessories

3. PRODUCT OVERVIEW

The WCKUN Portable Monitor features a sleek design with multiple connectivity options and integrated features for enhanced user experience.

3.1 Key Features

- **Display:** 15.6-inch Full HD (1920x1080) IPS screen with 16.7 million colors and 178° wide viewing angle.
- **Touchscreen:** Tempered glass 10-point multi-touch panel for intuitive interaction.
- **Visual Enhancements:** HDR and FreeSync support for improved image quality and smoother visuals.
- **Design:** Ultra-thin (0.23 inch) and lightweight (2.6 lbs) metal shell with an integrated adjustable stand (0-85° tilt).
- **Audio:** Built-in dual speakers for audio output.
- **Compatibility:** Driver-free support for iOS, Android, Windows, macOS, Linux, SteamOS.



Figure 3.1: WCKUN Portable Monitor Front View

VIVID 1080P SCREEN BRINGS VISUAL FEAST!



300
Nits



1920X1080
High Resolution



1200:1
Contrast Ratio



Figure 3.2: Vivid Display Quality

ULTRA SLIM DESIGN & SOLID METAL SHELL



Figure 3.3: Design and Features Overview

3.4 Ports and Controls

Familiarize yourself with the ports and controls on your monitor:

- **Full-Featured USB-C Port (x2):** For power, video, audio, and touch signal transmission. Connects to compatible laptops, phones, tablets, and gaming consoles.
- **Mini HDMI Port:** For video and audio input from devices like PCs, laptops, and game consoles.
- **USB-A Port:** For connecting USB peripherals such as a flash drive, keyboard, or mouse. Also used for touch signal when using HDMI.

- **3.5mm Audio Jack:** For connecting external headphones or speakers.
- **Power Button/OSD Joystick:** Used to power the monitor on/off and navigate the On-Screen Display (OSD) menu.

MULTIPLE INTERFACES CONNECT MORE POSSIBILITIES

FULL-FEATURED TYPE-C PORT



HDMI



USB



3.5MM

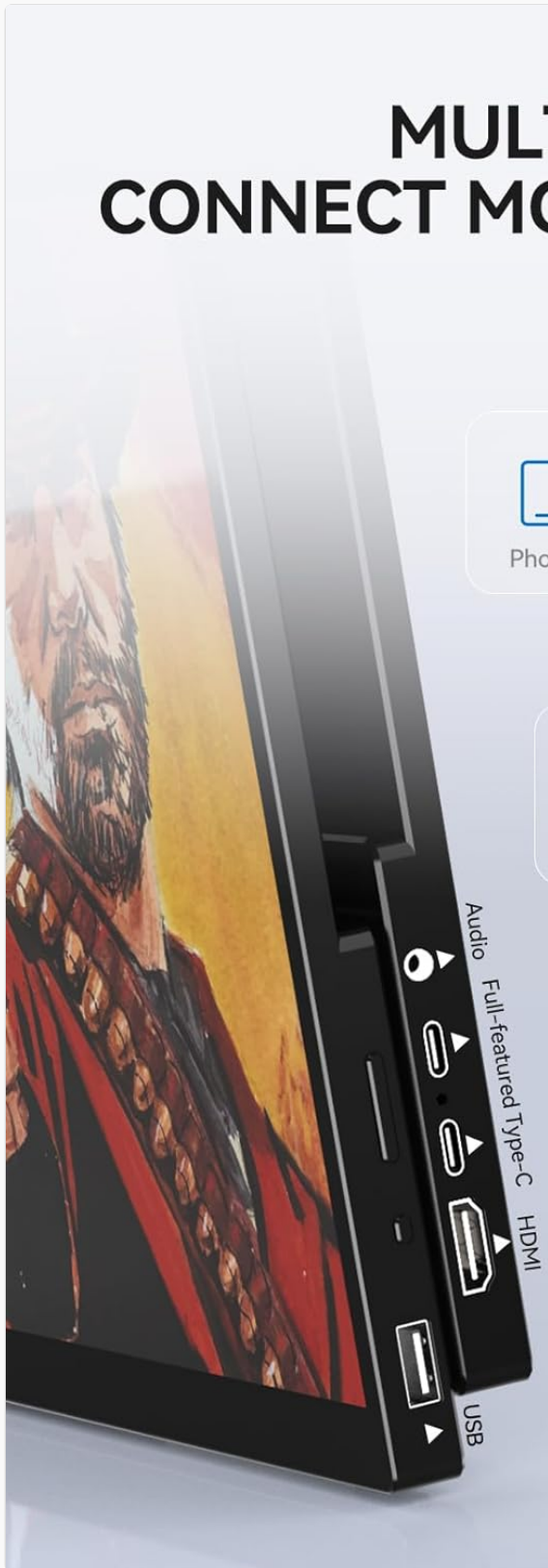


Figure 3.5: Monitor Ports and Interfaces

4. SETUP AND CONNECTION

The WCKUN Portable Monitor offers flexible connectivity options. Ensure your device supports the necessary output for video and touch functionality.

4.1 Connecting via Full-Featured USB-C (Single Cable Solution)

This method is ideal for devices with a full-featured USB-C port (USB 3.1 or higher) that supports DisplayPort Alternate Mode and power delivery.

1. Connect one end of the provided USB-C to USB-C cable to a full-featured USB-C port on your device (e.g., laptop, smartphone, tablet, Nintendo Switch).
2. Connect the other end of the USB-C to USB-C cable to either of the full-featured USB-C ports on the WCKUN Portable Monitor.
3. The monitor should automatically detect the signal and display your device's screen. Touch functionality will also be active.

Note: If your device's USB-C port does not provide sufficient power, the monitor may require external power via the included power adapter connected to one of the USB-C ports.

How To Connect Different Devices

A: Devices with Type C port (USB 3.1 version or higher)



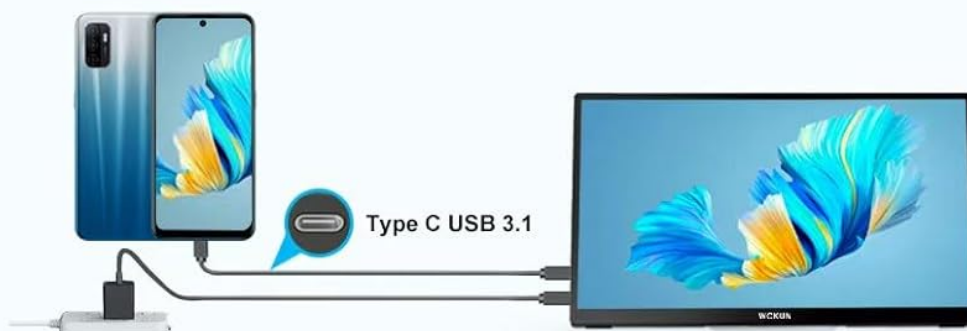
B: Devices with HDMI and USB ports



Note: The USB cable must be connected for touch signal transmission and for the touch function to work correctly.



C: Portable devices with Type C ports (USB 3.1 version or higher)



Note: 1. When connecting low voltage devices, it is recommended to connect an additional power supply to ensure that the monitor works correctly.
2. The Type C port on some devices is a non-USB 3.1 version and to ensure that the monitor's touch functionality can be used correctly, please check before purchasing to see if your device has a USB 3.1 type c port. This is to ensure that the monitor's touch function can be used correctly.

Figure 4.1: Connection Diagram (Type-C)

4.2 Connecting via HDMI and USB-A (for Video and Touch)

This method is used for devices that have an HDMI output for video and a USB-A port for touch signal transmission

(e.g., desktop PCs, older laptops, game consoles like PS4/PS5).

1. Connect one end of the provided HDMI cable to the HDMI output of your device.
2. Connect the other end of the HDMI cable to the Mini HDMI port on the WCKUN Portable Monitor.
3. Connect the provided USB-A to USB-C cable:
 - Plug the USB-A end into a USB-A port on your device.
 - Plug the USB-C end into one of the full-featured USB-C ports on the WCKUN Portable Monitor. This cable is essential for touch functionality and additional power if needed.
4. Connect the power adapter to the remaining USB-C port on the monitor for stable power supply.
5. The monitor should display the video signal, and touch functionality will be enabled.

Note: The USB-A to USB-C cable is crucial for touch input when using an HDMI connection. Without it, only video will be displayed.



Figure 4.2: Connection Diagram (HDMI and USB)

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the Power Button/OSD Joystick 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. Use the Power Button/OSD Joystick to navigate:

- **Press Joystick:** Enters the OSD menu.
- **Push Up/Down:** Navigates through menu options.
- **Push Left/Right:** Adjusts values or enters sub-menus.
- **Press Joystick (again):** Confirms selection or exits sub-menu.

Common OSD settings include Brightness, Contrast, Color Temperature (6500K-9300K), Aspect Ratio, and various Display Modes (e.g., Standard, Game, Movie).

5.3 Touch Functionality

The monitor supports 10-point multi-touch input. Ensure your device and connection method support touch signal

transmission.

- **USB-C Connection:** Touch is automatically enabled when connected to a full-featured USB-C port on a touch-compatible device.
- **HDMI Connection:** Touch requires the USB-A to USB-C cable to be connected from your device's USB-A port to the monitor's USB-C port.

Note: Touch functionality may vary depending on the operating system and device. macOS does not natively support external touchscreens.

10-POINT PRESSURE SENSITIVE TOUCH

Fast response for more complex and versatile interactions



*Only supports typec

Figure 5.1: 10-Point Touch Interaction

5.4 Display Modes and Usage Scenarios

The monitor supports various display modes when connected to a PC or laptop:

- **Duplicate Mode:** Mirrors your primary display.
- **Extend Mode:** Expands your desktop across both screens, allowing for increased workspace.
- **Second Screen Only:** Displays content only on the portable monitor.

These modes can be configured through your operating system's display settings.



Figure 5.2: Productivity with Multiple Display Modes

JOY OF LEISURE —ON THE GO



Figure 5.3: Leisure and Entertainment

6. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your WCKUN Portable Monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner. Avoid harsh chemicals, alcohol, or ammonia-based cleaners.
- **Cleaning the Casing:** Wipe the metal casing with a soft, dry cloth.
- **Storage:** When not in use, store the monitor in the provided neoprene protection sleeve to prevent scratches

and dust accumulation.

- **Handling:** Avoid applying excessive pressure to the screen or dropping the monitor.
- **Environment:** Keep the monitor away from extreme temperatures, direct sunlight, and high humidity.

7. TROUBLESHOOTING

If you encounter issues with your WCKUN Portable Monitor, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No display/Black screen	<ul style="list-style-type: none">• No power• Incorrect cable connection• Input source not selected• Device not outputting signal	<ul style="list-style-type: none">• Ensure power adapter is connected and monitor is powered on.• Verify all cables (USB-C, HDMI) are securely connected.• Check your device's display settings to ensure external display is enabled.• Try a different cable or port.
Touchscreen not working	<ul style="list-style-type: none">• Incorrect cable for touch signal• Device/OS does not support touch• Driver issue	<ul style="list-style-type: none">• For HDMI connection, ensure the USB-A to USB-C cable is connected for touch data.• Verify your device's operating system supports external touchscreens (e.g., Windows, Android). macOS does not.• Restart both the monitor and the connected device.
Flickering or unstable display	<ul style="list-style-type: none">• Insufficient power• Faulty cable• Signal interference	<ul style="list-style-type: none">• Connect the external power adapter to the monitor.• Try a different cable.• Ensure cables are not near strong electromagnetic sources.
No sound from speakers	<ul style="list-style-type: none">• Volume too low/muted• Incorrect audio output selected	<ul style="list-style-type: none">• Adjust volume via OSD menu or connected device.• Ensure the monitor is selected as the audio output device on your connected source.

8. SPECIFICATIONS

Feature	Detail
Model Number	PDM-15T
Screen Size	15.6 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Panel Type	IPS
Aspect Ratio	16:9
Brightness	300 Candela (Nits)
Contrast Ratio	1200:1

Feature	Detail
Viewing Angle	178° (H/V)
Touch Panel	10-point Multi-touch, Tempered Glass
HDR Support	Yes
FreeSync Support	Yes
Speakers	Dual Built-in Speakers
Connectivity	2x Full-Featured USB-C, 1x Mini HDMI, 1x USB-A, 1x 3.5mm Audio Jack
Power Input	12 Volts (via USB-C)
Product Dimensions	14 x 0.23 x 8.5 inches
Item Weight	2.6 pounds
Manufacturer	WCKUN

9. WARRANTY AND SUPPORT

WCKUN products are designed for reliability and performance. For warranty information and technical support, please refer to the official WCKUN website or contact their customer service directly.

- Keep your purchase receipt as proof of purchase for warranty claims.
- For common issues, please consult the troubleshooting section of this manual.
- For further assistance, visit the [WCKUN product page on Amazon](#) or contact WCKUN customer support.