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Pisichen 7INCM-USBC

Pisichen 7-inch HD Portable Touch Panel Monitor (Model 7INCM-USBC) User Manual

Thank you for choosing the Pisichen 7-inch HD Portable Touch Panel Monitor. This manual provides essential information for safe and efficient use of your device. Please read it thoroughly before operation and keep it for future reference.

1. Introduction

Key Features

- **Vibrant 7-inch IPS HD Display (1280x800):** Enjoy clear, vivid images and sharp text for various applications.
- **Single-Cable USB-C Connection:** Two full-function USB-C ports (DP Alt Mode compatible) allow for video transmission and power delivery with one cable to compatible devices.
- **Intuitive Touchscreen:** Directly interact with the screen for presentations, creative work, or Raspberry Pi control, enhancing efficiency without a mouse.
- **Built-in Speakers & Slim Design:** Enjoy clear audio without external speakers. The thin and lightweight body is ideal for travel and on-the-go use.
- **Wide Compatibility:** Equipped with USB-C (2 ports) and HDMI, connect to laptops, Raspberry Pi, smartphones, gaming consoles, and more.
- **Wide Viewing Angle IPS Panel:** Consistent color and contrast from any viewing angle, perfect for collaboration and sharing content.

Package Contents

Please check the box for the following items:

- Pisichen 7-inch Portable Monitor
- User Manual
- Power Adapter
- USB-A to USB-C Cable
- USB-C to USB-C Cable
- HDMI to HDMI Cable



Image: All items included in the Pisichen 7-inch portable monitor package.

2. Safety Information

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid placing the monitor near heat sources or in direct sunlight.
- Do not drop, hit, or attempt to disassemble the monitor. This may cause damage and void the warranty.
- Use only the power adapter and cables provided or recommended by the manufacturer.
- Keep the monitor away from strong magnetic fields.
- Unplug the monitor during lightning storms or when unused for long periods.

3. Product Overview

Monitor Layout and Controls



Image: Side view of the monitor highlighting OSD menu buttons, power button, audio port, USB-C ports, and HDMI port.

1. **OSD Menu Button:** Accesses the On-Screen Display menu.
2. **Back Button:** Navigates back in the OSD menu.
3. **Up Button:** Moves up in menu selections or increases values.
4. **Down Button:** Moves down in menu selections or decreases values.
5. **Power Button:** Turns the monitor on/off.
6. **Audio Port:** 3.5mm jack for headphones or external speakers.
7. **USB-C Ports (x2):** Full-function ports for power, video, and touch data.
8. **HDMI Port:** For video input.

4. Setup and Connection

Connecting via USB-C (Single Cable)

This method provides video, power, and touch functionality through a single USB-C cable.

1. Ensure your host device (laptop, smartphone) has a full-function USB-C port that supports DisplayPort Alternate Mode (DP Alt Mode).
2. Connect one end of the provided USB-C to USB-C cable to a USB-C port on the monitor.
3. Connect the other end of the USB-C to USB-C cable to your host device's USB-C port.
4. The monitor should automatically display the screen and enable touch functionality.

Note: If the monitor does not power on or display correctly, your device's USB-C port may not provide sufficient power. Connect the included power adapter to the other USB-C port on the monitor.

Connecting via HDMI

This method requires separate cables for video, power, and touch functionality.

1. Connect one end of the provided HDMI cable to the HDMI port on the monitor.
2. Connect the other end of the HDMI cable to your host device's HDMI output.
3. For touch functionality, connect the provided USB-A to USB-C cable from your host device's USB-A port to one of the USB-C ports on the monitor.
4. Connect the included power adapter to the other USB-C port on the monitor to provide power.



Image: The portable monitor extending a laptop's display, enhancing productivity.

Connecting to Raspberry Pi

The monitor is compatible with Raspberry Pi for DIY and embedded projects.

1. Connect the HDMI cable from your Raspberry Pi to the monitor's HDMI port.
2. Connect a USB-A to USB-C cable from a USB port on your Raspberry Pi to a USB-C port on the monitor for touch functionality.
3. Connect the included power adapter to the other USB-C port on the monitor for power.



Image: The portable monitor serving as a display for a Raspberry Pi project.

5. Operating the Monitor

Power On/Off

Press the **Power Button** to turn the monitor on. Press and hold the**Power Button** for a few seconds to turn it off.

OSD Menu Navigation

Use the **OSD Menu Button** to enter the menu. Use the**Up** and **Down** buttons to navigate through options and adjust values. Use the **Back** button to exit sub-menus or the main menu.
Common OSD settings include:

- **Brightness/Contrast:** Adjust display luminance and contrast levels.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select between USB-C and HDMI inputs.

- **Language:** Change the OSD menu language.
- **Volume:** Adjust the volume of the built-in speakers.

Touchscreen Functionality

The monitor supports multi-touch input, allowing for intuitive interaction with compatible operating systems.

- Ensure the USB connection for touch data is properly established (either via single USB-C cable or USB-A to USB-C cable).
- **Compatibility Note:** Touch functionality may be limited or non-operational with Apple products (macOS/iOS devices) due to system design compatibility.
- For Windows 7, a driver installation may be required.

Audio

The monitor features built-in speakers. Audio will be played from the connected source (HDMI or USB-C). You can also connect headphones or external speakers to the 3.5mm audio port.

6. Maintenance and Care

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. Do not use liquid cleaners, aerosol sprays, or abrasive materials directly on the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing.
- **Storage:** When not in use, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Avoid Scratches:** Do not place heavy objects on the monitor or use sharp objects near the screen.

7. Troubleshooting

No Display / Black Screen

- **Check Connections:** Ensure all HDMI and USB-C cables are securely connected to both the monitor and the host device.
- **Power On:** Verify the monitor is powered on (power LED indicator).
- **Input Source:** Use the OSD menu to manually select the correct input source (USB-C or HDMI).
- **Host Device Output:** Ensure your host device is configured to output video to an external display.
- **USB-C Compatibility:** If using USB-C, confirm your host device's port supports DisplayPort Alternate Mode.
- **External Power:** Connect the included power adapter to the monitor's USB-C port, as some devices may not provide sufficient power.

Touchscreen Not Responding

- **USB Connection:** Ensure the USB cable for touch data is properly connected. For HDMI connections, this is typically the USB-A to USB-C cable. For USB-C connections, ensure it's a full-function USB-C cable.
- **Device Compatibility:** Confirm your operating system and device support external touchscreens. Apple devices (macOS/iOS) may have limited or no touch support.
- **Restart:** Try restarting both the monitor and the connected device.

Power Issues / Intermittent Operation

- **Adequate Power:** Ensure the monitor is receiving sufficient power. If connected via USB-C to a host device, try using the included power adapter.
- **Cable Quality:** Use the provided cables. Some third-party cables may not meet power delivery specifications.
- **Specific Connection Advice:** If experiencing issues with USB-C to USB-C connection for power/touch, some users have found success using the USB-A to USB-C cable from a USB 3.0 port on the PC for touch/power data, alongside an HDMI cable for video.

Screen Flickering or High-Pitched Noise

- **Brightness Adjustment:** Some users have reported high-frequency noise at higher backlight settings. Try reducing the screen brightness via the OSD menu.

Image Quality Issues

- **OSD Settings:** Adjust brightness, contrast, color temperature, and other image settings through the OSD menu.
- **Resolution:** Ensure your host device's display settings are configured to the monitor's native resolution of 1280x800.

8. Specifications

Brand	Pisichen
Model	7INCM-USBC
Screen Size	7 inches
Panel Type	IPS
Resolution	1280 x 800 (HD+)
Aspect Ratio	16:9
Brightness	350 cd/m²
Contrast Ratio	1500:1
Refresh Rate	75 Hz
Viewing Angle	178°
Surface Finish	Glossy
Connectivity	2x USB Type-C, 1x HDMI, 1x 3.5mm Audio Jack
Features	Touchscreen, Frameless, Portable, Lightweight, Built-in Speakers
Dimensions (D x W x H)	1.2 x 17.4 x 10.9 cm
Color	Black

9. Warranty and Support

For warranty information and technical support, please refer to the product packaging or contact your retailer/seller directly. Keep your proof of purchase for any warranty claims.

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