Newsoul PMT05

Newsoul 15.6" 1080P Portable Monitor (Model: PMT05) User Manual

Your guide to setting up and using your portable display.

Introduction

Thank you for choosing the Newsoul 15.6" 1080P Portable Monitor. This ultra-slim, plug-and-play display is designed to enhance your productivity and entertainment experience on the go. This manual provides essential information for the proper setup, operation, and maintenance of your monitor. Please read it thoroughly before use.

What's in the Box

Upon opening the package, please verify that all the following items are included:

- 15.6 inch Portable Monitor
- Mini HDMI to HDMI Cable *1
- 1.2m USB-C to USB-C Cable *1
- 1.8m USB-A to USB-C Cable *1
- User Manual



Image: Package contents showing the 15.6-inch portable monitor, various cables, and the user manual.

Product Features

- **Slim & Lightweight Design:** Ultra-thin (0.23") and weighs approximately 1.4 lbs for easy portability.
- **Plug & Play Connectivity:** Features USB-C and HDMI ports for broad compatibility with laptops, smartphones, tablets, and game consoles.
- **Narrow Bezels & 16:9 Aspect Ratio:** Maximizes screen space and provides an immersive viewing experience.
- **Flexible Stand/VESA Design:** Built-in 0-70° adjustable stand and VESA mount compatibility (75x75mm, M4*4mm screws) for versatile placement.
- **Outstanding Visual Performance:** 125% sRGB wide color gamut, FHD 1080p resolution, HDR support, and 350 nits brightness for vivid and realistic images.
- **Built-in Dual Speakers:** Integrated 2x8Ω 1W speakers for audio output.
- **Eye Care Technology:** Features Low Blue Light Plus, Flicker-Free technology, and Color Weakness Mode for comfortable viewing.

Setup Instructions

Before connecting, ensure your device is compatible with the monitor's input options (USB-C with DisplayPort Alt Mode or HDMI).



Image: The portable monitor's connectivity options, illustrating its compatibility with USB-C and HDMI devices.

1. Connecting to a Laptop/PC (USB-C)

1. Ensure your laptop/PC has a full-featured USB-C port that supports video output (DisplayPort Alternate Mode) and power delivery.
2. Connect one end of the provided USB-C to USB-C cable to the monitor's full-featured USB-C port (labeled 'Type C 3.1 Port').
3. Connect the other end of the USB-C cable to your laptop/PC's USB-C port.
4. The monitor should automatically detect the signal and power on. If not, ensure your laptop/PC is powered on and configured to extend or duplicate its display.

2. Connecting to a Laptop/PC (HDMI)

1. Connect one end of the provided Mini HDMI to HDMI cable to the monitor's Mini HDMI port.
2. Connect the other end of the HDMI cable to your laptop/PC's HDMI port.
3. Connect the provided USB-A to USB-C cable to the monitor's power-only USB-C port (labeled 'Type C Port') and the USB-A end to a power adapter (not included) or a USB port on your laptop/PC for power. The monitor requires external power when using HDMI.
4. The monitor should display the signal. Adjust display settings on your laptop/PC if necessary.

3. Connecting to Smartphones/Tablets (USB-C)

1. Ensure your smartphone/tablet supports video output via USB-C (DisplayPort Alternate Mode).
2. Connect the USB-C to USB-C cable from your device to the monitor's full-featured USB-C port.
3. The monitor will mirror or extend your device's screen. Some devices may require an external power source for the monitor.

4. Using the Adjustable Stand

The monitor features a built-in foldable stand. Gently unfold the stand from the back of the monitor and adjust it to your desired viewing angle (0-70 degrees).



Image: The portable monitor demonstrating its adjustable stand, allowing for various viewing angles.

5. VESA Mounting

For alternative mounting options, the monitor supports VESA 75x75mm mounts. Use M4*4mm screws (4 pieces, included in some packages) to attach the monitor to a compatible VESA arm or wall mount.

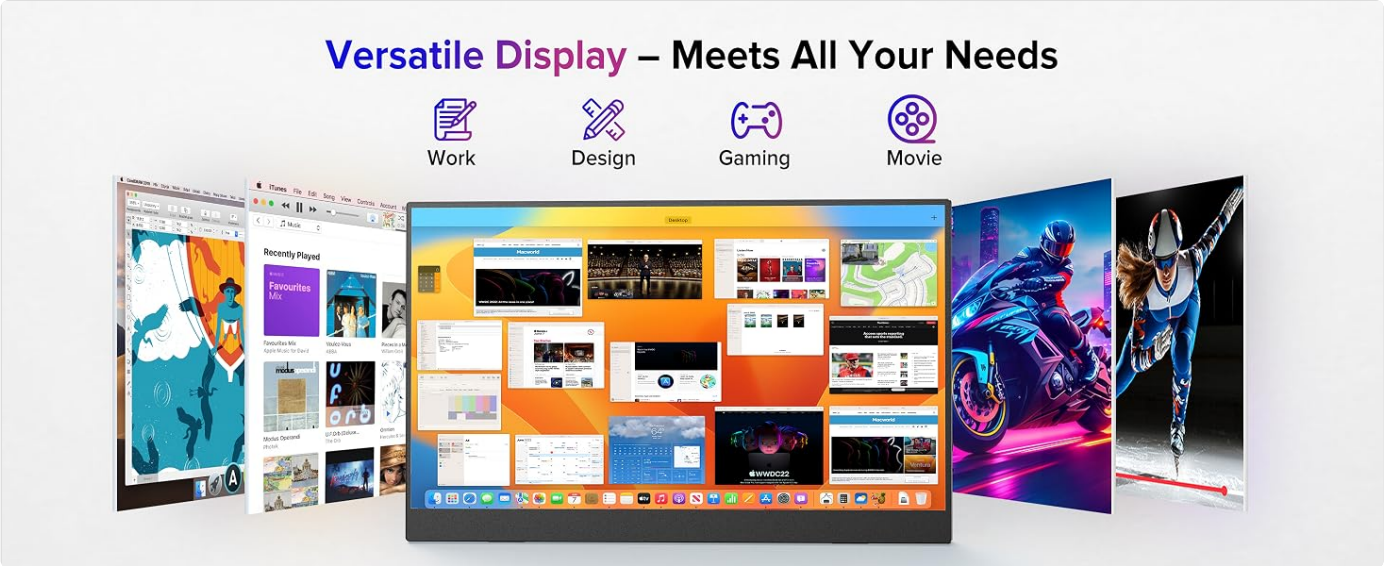


Image: A close-up of the monitor's back panel, highlighting the VESA mounting points and screw specifications.

Operating Instructions

1. Power On/Off

The monitor typically powers on automatically when connected to a compatible device via USB-C (with power delivery) or when external power is supplied via the dedicated USB-C power port. To manually power off, locate the power button (refer to the monitor's physical layout for exact location) and press and hold it for a few seconds.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings.

- **Accessing the Menu:** Press the Menu button (usually a joystick or a dedicated button) on the side of the monitor.
- **Navigation:** Use the joystick or navigation buttons to move through menu options.
- **Selection:** Press the joystick or select button to confirm a selection.
- **Exit:** Navigate to the 'Exit' option or press the back button to leave the OSD menu.

3. Common OSD Settings

- **Brightness/Contrast:** Adjust the display's luminance and contrast levels.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select between USB-C and HDMI input if auto-detection fails.
- **Aspect Ratio:** Choose between 16:9 or other available aspect ratios.
- **HDR Mode:** Enable or disable High Dynamic Range.
- **Eye Care Modes:** Activate Low Blue Light or Color Weakness Mode.

Maintenance

1. Cleaning the Screen

- Always power off the monitor and disconnect it from power before cleaning.
- Use a soft, lint-free cloth, slightly dampened with water or a non-abrasive screen cleaner.
- Wipe the screen gently. Avoid applying excessive pressure.
- Do not use alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

2. General Care

- Avoid exposing the monitor to extreme temperatures, direct sunlight, or high humidity.
- Do not place heavy objects on the monitor.
- Protect the screen from sharp objects to prevent scratches.
- When transporting, use the protective cover or a padded case to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
No signal / Black screen	Incorrect input source selected. Cable not connected properly. Device not outputting video. Insufficient power.	Check OSD menu for correct input source. Ensure cables are securely connected. Verify your device's display settings (extend/duplicate). Ensure monitor receives adequate power, especially when using HDMI.
Flickering screen	Faulty cable. Power instability.	Try a different cable. Ensure stable power supply.
No sound from speakers	Volume too low or muted. Audio output not directed to monitor.	Adjust monitor volume via OSD. Check your device's audio output settings.
Monitor not recognized by device	Device port does not support video output. Driver issues.	Confirm your device's USB-C port supports DisplayPort Alt Mode. Update graphics drivers on your laptop/PC.

Specifications (Model: PMT05)

Brand	Newsoul
Screen Size	15.6 Inches
Resolution	FHD 1080p (1920 x 1080 Pixels)
Aspect Ratio	16:9
Screen Surface	Matte
Contrast Ratio	2000:1
Refresh Rate	60 Hz
Display Type	IPS
Brightness	350 Candela (nits)
Color Gamut	125% sRGB
Picture Quality Enhancement	HDR, Wide Color Gamut, Eye Care
Item Dimensions (D x W x H)	0.27"D x 13.98"W x 8.8"H

Connectivity Technology	HDMI, USB Type C
Additional Features	Built-In Speakers, Eye Care, Portable, Ultra-Slim
Compatible Devices	Gaming Console, Laptop, Smartphone, Tablet
Response Time	1 Millisecond
Adaptive Sync	FreeSync

Warranty and Support

Warranty Information

The Newsoul Portable Monitor (Model: PMT05) comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Newsoul customer support. Refer to the contact information provided on the official Newsoul website or the packaging.
Online Support: Visit the Newsoul Store on Amazon for FAQs and additional resources.

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