Prechen HD-123

Prechen 12.3-inch Portable Monitor (Model HD-123) User Manual

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Prechen 12.3-inch Portable Monitor, Model HD-123. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Prechen HD-123 is a 12.3-inch IPS stretched bar display designed for use as a secondary monitor. It features a 1920x720 resolution, 300 nits brightness, 1200:1 contrast ratio, and 178° wide viewing angles. It includes built-in speakers and supports both USB-C and HDMI connectivity.

Ports and Controls

Image: Close-up view of the monitor's side, highlighting the 3.5mm headphone jack, power button, menu button, return button, and shortcut keys for brightness and volume. Two USB-C ports and one HDMI port are also visible.

- **USB-C Ports (x2):** One port supports both video transmission and power delivery (full-featured USB 3.1). The other is for power only.
- **HDMI Port:** For video input.
- **3.5mm Headphone Jack:** For audio output.
- **Power Button:** Turns the monitor on/off.
- **Menu Button:** Accesses the On-Screen Display (OSD) menu.
- **Return Button:** Navigates back in the OSD menu.
- **Shortcut Keys:** Adjust brightness and volume directly.

3. SETUP

Connecting the Monitor

The monitor supports two primary connection methods: USB-C (single cable) and HDMI (with separate power).

12.3 Inch Bar LCD Screen
- Built-in 2 Speakers
- 85% NTSC
- Plug & Play

Image: Illustration demonstrating how to connect the monitor using a single USB-C cable for both video and power, and an alternative method using an HDMI cable for video and a USB-A to USB-C cable for power.

1. **USB-C Connection (Single Cable):**

   - Ensure your device (laptop, smartphone, etc.) has a full-featured USB-C port that supports DisplayPort Alternate Mode and power delivery.
   - Connect one end of the provided USB-C to USB-C cable to your device's USB-C port.
   - Connect the other end of the USB-C to USB-C cable to the monitor's full-featured USB-C port. The monitor should automatically receive video signal and power.

2. **HDMI Connection (with separate power):**

   - Connect one end of an HDMI cable to your device's HDMI output.
   - Connect the other end of the HDMI cable to the monitor's HDMI port.
   - Connect the provided USB-A to USB-C power cable to a power source (e.g., wall adapter, laptop USB-A port) and the monitor's power-only USB-C port.

VESA Mounting

The monitor supports 75x75mm VESA mounting for flexible positioning.

Image: The rear view of the monitor, indicating the 75x75mm VESA mounting pattern. A separate stand is shown next to it, demonstrating alternative placement options.

- Locate the four screw holes on the back of the monitor.

- Attach the monitor to a compatible 75x75mm VESA mount or arm using appropriate screws (not included).

4. Operating Instructions

Power On/Off

- Press the Power Button to turn the monitor on.
- Press and hold the Power Button for 3 seconds to turn the monitor off.

On-Screen Display (OSD) Menu

Press the Menu Button to access the OSD menu. Use the shortcut keys (brightness/volume) to navigate and adjust settings. Press the Return Button to exit a submenu or the OSD menu.

- **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 if auto-detection fails.
- **Audio Settings:** Adjust volume for the built-in speakers or connected headphones.
- **Aspect Ratio:** Change the display aspect ratio if needed.

Display Modes

When connected to a computer, you can configure the display mode through your operating system's display settings:

- **Duplicate Mode:** The monitor mirrors the content of your primary display.
- **Extend Mode:** The monitor acts as an extension of your primary display, providing additional screen space.
- **Second Screen Only:** Only the portable monitor displays content.

5. Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth. Avoid abrasive cleaners.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Handle the monitor with care to avoid dropping or impacting the screen.

6. Troubleshooting

- **No Signal:**

  - Ensure all cables are securely connected.
  - Verify that your device's USB-C port supports video output (DisplayPort Alt Mode) if using a single USB-C cable.
  - If using HDMI, ensure the monitor is receiving power via the separate USB-C power cable.
  - Try selecting the input source manually through the OSD menu.

- **No Power:**

  - Check the power cable connection and the power source.

- Ensure the power adapter (if used) is functioning correctly.

- **Flickering Screen:**
  - Check cable connections for looseness.
  - Try a different cable or port.
  - Ensure your device's graphics drivers are up to date.

- **No Sound:**
  - Adjust the volume through the monitor's OSD menu and your connected device.
  - Ensure the audio output is directed to the monitor in your device's sound settings.

7. SPECIFICATIONS

Image: Visual representation of the monitor's key features: 12.3-inch screen, 85% NTSC color gamut, Plug and Play functionality, 300 cd/m² brightness, 1920x720p resolution, 8-bit color, and 16.7M display colors.

Feature	Specification

Feature	Specification
Model Number	HD-123
Screen Size	12.3 Inches
Panel Type	IPS LCD
Resolution	1920 x 720 Pixels
Brightness	300 cd/m² (nits)
Contrast Ratio	1200:1
Viewing Angle	178°
Color Gamut	85% NTSC
Color Depth	8-bit (16.7 Million Colors)
Connectivity	2x USB-C (1 full-featured, 1 power-only), 1x HDMI
Audio	Built-in Speakers, 3.5mm Headphone Jack
Mounting	75x75mm VESA Compatible
Material	Metal
Product Dimensions	0.59 x 11.8 x 5.1 inches
Item Weight	2.14 pounds

8. WARRANTY INFORMATION

Prechen products are covered by a limited warranty against defects in materials and workmanship. The specific warranty period may vary by region and retailer. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the warranty card included with your product or contact customer support.

9. SUPPORT

If you encounter any issues or have questions regarding your Prechen 12.3-inch Portable Monitor, please contact our customer support team. Provide your product model number (HD-123) and a detailed description of the issue for faster assistance.

- **Online Support:** Visit the official Prechen website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or warranty card for contact email.