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Thinlerain HD-097

Thinlerain 9.7 Inch Small Monitor (Model HD-097) User Manual

Model: HD-097

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Thinlerain 9.7 Inch Small Monitor, Model HD-097. This portable monitor features a 1024x768 resolution, 4:3 aspect ratio, and wide 178° viewing angles, designed for versatile use with various devices. It includes multiple input ports such as HDMI, VGA, AV, BNC, and USB, along with built-in speakers and remote control functionality. The monitor also incorporates blue light reduction and flicker-free technology for a comfortable viewing experience.



Figure 1.1: Front view of the Thinlerain 9.7 inch monitor with its desktop stand, displaying a vibrant image.

2. Package Contents

Please check the package contents upon unboxing to ensure all items are present:

- Thinlerain 9.7 inch Small Monitor (x1)
- HDMI Cable (HDMI to HDMI) (x1)
- Power Adapter (x1)
- User Manual (x1)
- Adjustable Desktop Stand (x1)
- Remote Control (x1)
- Double-sided Adhesive (x1)



Figure 2.1: Package contents and monitor dimensions.

3. Product Overview

3.1 Front Panel Controls

The front panel of the monitor features control buttons for easy access to settings and power management.

- **ON/OFF Button:** Powers the monitor on or off.
- **UP Button:** Navigates up in menus or increases values.
- **MENU Button:** Accesses the On-Screen Display (OSD) menu.
- **DOWN Button:** Navigates down in menus or decreases values.
- **MODE Button:** Switches between input sources.

3.2 Rear Panel Ports and Features

The rear panel provides all necessary connectivity options and mounting points.

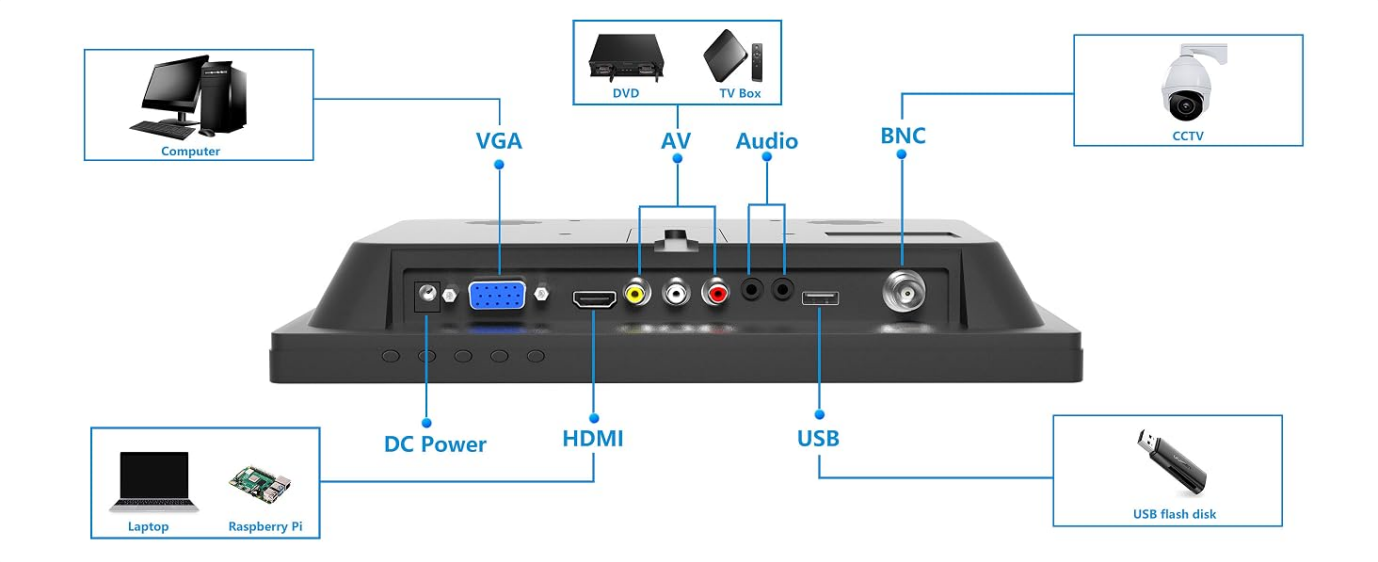


Figure 3.1: Rear panel with multi-ports and VESA mount.

- **DC Power Port:** Connects to the included power adapter.
- **VGA Input:** For connecting to devices with a VGA output.
- **HDMI Input:** For connecting to devices with an HDMI output.
- **AV Input:** For connecting to devices using composite video and stereo audio.
- **Audio Input/Output:** For external audio devices.
- **USB Port:** For media playback from a U disk.
- **BNC Input:** For connecting to security CCTV systems.
- **Built-in Speakers:** Provides audio output.
- **VESA 75x75mm Mount Holes:** For wall mounting or alternative stand installations.

4. Setup

4.1 Connecting the Monitor

1. **Power Connection:** Connect the included power adapter to the DC Power Port on the monitor and then plug it into a power outlet.
2. **Video Source Connection:** Choose the appropriate cable (HDMI, VGA, AV, or BNC) for your device (PC, laptop, security camera, Raspberry Pi, etc.) and connect it to the corresponding input port on the monitor.
3. **Audio Connection (Optional):** If using external speakers or headphones, connect them to the Audio Output port.

4.2 Installation Options

The monitor offers two primary installation methods:

- **Desktop Stand:** Attach the included adjustable desktop stand to the monitor base. This allows for easy placement on any flat surface and angle adjustment.
- **VESA Mount:** Utilize the 75x75mm VESA mount holes on the rear of the monitor to attach it to a compatible wall mount or articulated arm (mount sold separately).



Figure 4.1: Monitor used as a secondary display.



Figure 4.2: Monitor with remote control and adjustable stand.

5. Operating Instructions

5.1 Power On/Off

Press the **ON/OFF** button on the front panel or the power button on the remote control to turn the monitor on or off.

5.2 Input Source Selection

Press the **MODE** button on the front panel or the 'Source' button on the remote control to cycle through available input sources (HDMI, VGA, AV, BNC, USB).

5.3 OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings.

1. Press the **MENU** button to open the OSD menu.
2. Use the **UP** and **DOWN** buttons to navigate through menu options.

3. Press the **MENU** button again (or a dedicated 'Enter' button on the remote) to select an option or confirm a setting.
4. Use the **UP** and **DOWN** buttons to adjust values.
5. Press the **MODE** button (or 'Exit' on the remote) to exit the OSD menu.

5.4 Remote Control Functions

The included remote control provides convenient access to all monitor functions, including power, input selection, volume, and OSD menu navigation.

6. Connectivity and Applications

The Thinlerain HD-097 monitor supports a wide range of devices and applications due to its versatile input options.

- **HDMI:** Connect to PCs, laptops, gaming consoles, TV boxes, and other HDMI-enabled devices for high-definition digital video and audio.
- **VGA:** Connect to older PCs, laptops, or other devices with VGA output for analog video.
- **AV:** Connect to DVD players, older gaming consoles, or other devices using composite video and stereo audio cables.
- **BNC:** Specifically designed for connecting to security CCTV cameras and surveillance systems.
- **USB:** Insert a U disk to play back stored pictures and videos directly on the monitor.



Figure 6.1: Wide range of applications for the monitor.

7. Maintenance

7.1 Cleaning the Monitor

- Always power off the monitor and unplug the power adapter before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaning solutions directly onto the screen or monitor casing.
- Avoid using harsh chemicals, alcohol, or abrasive materials, as these can damage the screen or finish.

7.2 Storage

When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for protection during storage or transport.

8. Troubleshooting

If you encounter issues with your monitor, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Monitor does not turn on	Power cable not connected; Power outlet faulty; Monitor off	Ensure power adapter is securely connected to monitor and outlet; Test outlet with another device; Press power button on monitor or remote.
No signal / Blank screen	Incorrect input source selected; Video cable loose or faulty; Source device not outputting signal	Press MODE button to cycle inputs; Check video cable connections; Ensure source device is powered on and configured to output video.
Image is distorted or blurry	Incorrect resolution; Faulty cable; Source device issue	Adjust resolution on source device to 1024x768; Try a different video cable; Check source device's video output settings.
No sound from built-in speakers	Volume too low or muted; Source device audio settings; Audio cable not connected (for AV input)	Increase volume via OSD menu or remote; Check audio output settings on source device; Ensure audio cables are connected for AV input.

9. Specifications

Detailed technical specifications for the Thinlerain 9.7 Inch Small Monitor (Model HD-097):

Feature	Specification
Model Number	HD-097
Screen Size	9.7 inches
Native Resolution	1024 x 768 pixels (XGA)
Aspect Ratio	4:3
Brightness	300 cd/m²
Contrast Ratio	600:1
Viewing Angle	178 degrees
Refresh Rate	60 Hz
Response Time	8 milliseconds
Display Type	LCD (LED Backlight)
Connectivity	HDMI, VGA, AV, BNC, USB
Audio	Built-in Speakers
Mounting	VESA 75x75mm compatible
Dimensions (D x W x H)	4 x 24 x 19 cm (1.57 x 9.45 x 7.48 inches)
Weight	1.25 kg

Feature	Specification
Special Features	Blue light reduction, Flicker-free, Remote Control, Tilt Adjustment



Figure 9.1: Key display specifications.



Figure 9.2: 178-degree wide viewing angle demonstration.

10. Warranty and Support

10.1 Manufacturer Warranty

This Thinlerain monitor (Model HD-097) comes with a **1 Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Thinlerain customer support. Refer to the contact information provided with your product packaging or visit the official Thinlerain website for support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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Details

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