Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Thinlerain T-20

Thinlerain 20-inch PC Monitor (Model T-20) Instruction Manual

Introduction

Thank you for choosing the Thinlerain 20-inch PC Monitor, Model T-20. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your new monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

Safety Information

- **Power Supply:** Use only the power adapter provided with the monitor. Ensure the power outlet voltage is compatible with the adapter's requirements.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow to prevent overheating.
- **Liquid Exposure:** Keep the monitor away from water, rain, or excessive moisture. Do not place liquid-filled objects on or near the monitor.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth. Avoid liquid cleaners or aerosol sprays.
- **Placement:** Place the monitor on a stable, flat surface. If wall-mounting, ensure the VESA mount is securely installed and can support the monitor's weight.
- **Servicing:** Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

Package Contents

Verify that all items are present in your package:

- Thinlerain 20-inch PC Monitor (Model T-20)
- Power Adapter
- HDMI Cable
- User Manual

Product Overview

The Thinlerain T-20 is a 20-inch LED monitor designed for various applications, including PC use, surveillance, and multimedia. It features a 1600x900 resolution, multiple input options, and built-in speakers.

Key Features:

- 20-inch LED display with 1600x900 resolution.
- Multiple input ports: HDMI, AV, BNC, VGA, and USB.
- Built-in dual speakers for audio output.
- VESA mountable for flexible installation.
- 5ms response time and 60Hz refresh rate.
- Adjustable tilt from -10° to 15°.

Monitor Components and Ports:



Figure 1: Front view of the monitor with port icons.

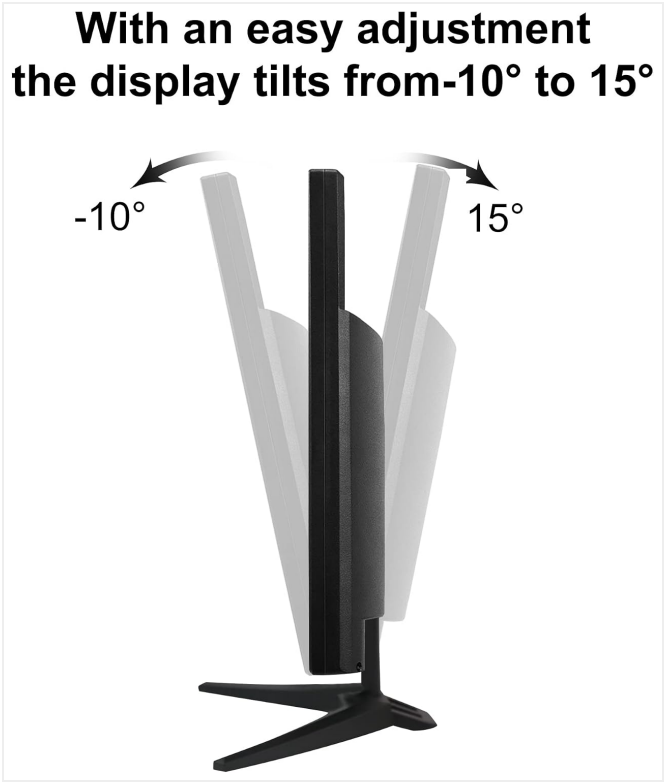


Figure 2: Rear view of the monitor detailing input ports and connection examples.



Figure 3: Detailed view of monitor port icons.



Figure 4: Monitor tilt adjustment range.

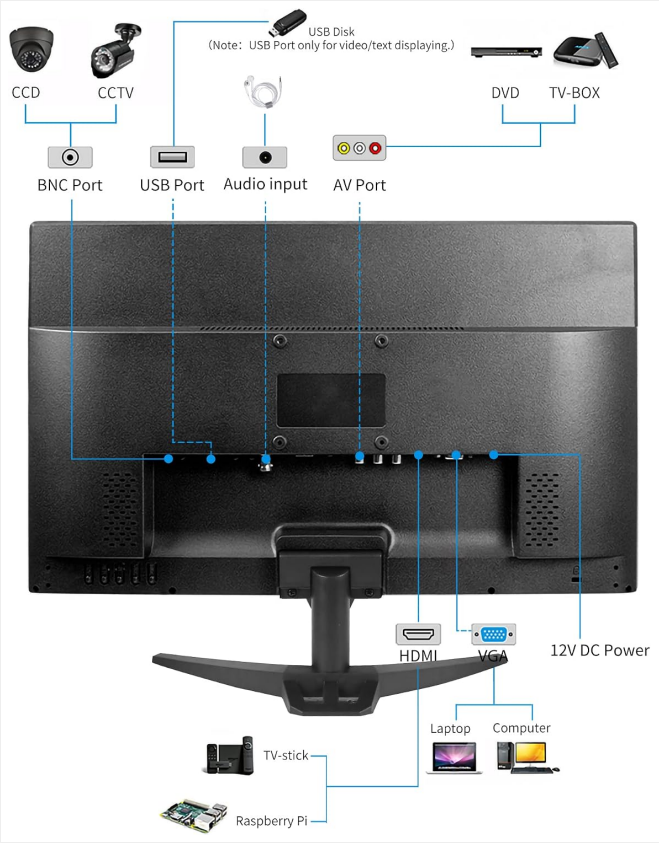


Figure 5: Monitor dimensions.



Figure 6: 5ms Response Time feature.

Setup

1. Assembling the Stand:

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, securing it with the provided screw (if applicable).
3. Align the assembled stand with the mounting slot on the back of the monitor and push firmly until it clicks into place or secure with screws as per the stand design.

2. VESA Wall Mounting (Optional):

The monitor supports VESA mounting. If you intend to wall-mount the monitor, remove the stand first. Use a VESA-compatible wall mount (not included) and follow the instructions provided with the wall mount. Ensure the mount can support the monitor's weight (approximately 3.13 kg).



Figure 7: Rear view showing VESA mount points and speakers.

3. Connecting Cables:

1. **Power:** Connect the power adapter to the monitor's DC IN port, then plug the adapter into a power outlet.
2. **Video Input:** Connect your source device (PC, laptop, surveillance camera, etc.) to the monitor using one of the available ports: HDMI, VGA, AV, or BNC. Use the appropriate cable for your device.
3. **Audio:** If using an audio source other than HDMI (which carries audio), connect an audio cable to the 3.5mm Audio Input port.
4. **USB:** The USB port is for media playback from a USB disk only (video/text displaying). Connect your USB disk if you intend to use this feature.

Operating Instructions

1. Power On/Off:

Press the power button, typically located on the back or bottom right side of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

2. Input Selection:

Use the input selection button (often labeled 'Input' or with an arrow icon) on the back of the monitor to cycle through the available input sources (HDMI, VGA, AV, BNC). Select the input corresponding to your connected device.

3. On-Screen Display (OSD) Menu:

The OSD menu allows you to adjust various monitor settings. The control buttons are located on the back of the monitor. Familiarize yourself with their layout:

- **Menu Button:** Press to open the OSD menu.
- **Up/Down Buttons:** Navigate through menu options.
- **Enter/Select Button:** Confirm a selection or enter a sub-menu.
- **Exit Button:** Exit the current menu or OSD.

Note: Due to the buttons being on the back, it may require some practice to navigate the OSD menu from the front of the monitor.

4. Adjusting Settings:

Within the OSD menu, you can adjust settings such as:

- **Brightness/Contrast:** Adjust image luminance and distinction.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Aspect Ratio:** Switch between 16:9 widescreen and other aspect ratios.
- **Volume:** Control the audio output level of the built-in speakers.
- **Language:** Select the OSD menu language.

Maintenance

Cleaning the Monitor:

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen and casing.
- For stubborn marks, lightly dampen the cloth with water or a non-abrasive, monitor-safe cleaning solution. Do not spray liquid directly onto the screen or casing.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as these can damage the monitor's surface.

Storage:

If storing the monitor for an extended period, ensure it is clean, dry, and stored in a cool, well-ventilated area. It is recommended to use the original packaging for protection.

Troubleshooting

If you encounter issues with your Thinlerain T-20 monitor, refer to the following common problems and solutions:

Problem	Possible Solution
No power / Power indicator off	Ensure the power adapter is securely connected to the monitor and a working power outlet. Check the power button.
No signal / Blank screen	Verify that the video cable (HDMI, VGA, AV, BNC) is securely connected to both the monitor and the source device. Ensure the correct input source is selected on the monitor. Check if the source device is powered on and outputting a signal.
Poor image quality / Fuzzy picture	Adjust brightness, contrast, and sharpness settings in the OSD menu. Ensure the display resolution on your source device is set to 1600x900 pixels. Check for cable damage.
No sound from speakers	Increase the volume in the OSD menu. If using HDMI, ensure the source device is sending audio over HDMI. If using the 3.5mm audio input, ensure the cable is connected correctly and the source device's volume is up.
Monitor stand is unstable	Ensure the stand is correctly assembled and all screws are tightened. Place the monitor on a flat, stable surface.
Colors shift at extreme viewing angles	This monitor uses a TN panel, which typically has a narrower optimal viewing angle compared to IPS panels. Adjust your viewing position to be directly in front of the screen for best color accuracy. The specified viewing angle is 95 degrees.

If the problem persists after trying these solutions, please contact Thinlerain customer support.

Specifications

Feature	Specification
Brand	Thinlerain
Model Number	T-20
Screen Size	20 Inches
Display Type	LED
Resolution	1600 x 900 Pixels (HD+)
Aspect Ratio	16:9
Refresh Rate	60 Hz
Response Time	5 Milliseconds
Brightness	250 Candela
Contrast Ratio	1000:1
Viewing Angle	95 Degrees
Connectivity Technology	HDMI, USB, VGA

Feature	Specification
Ports	1x HDMI, 1x VGA, 1x AV, 1x BNC, 1x USB, 1x 3.5mm Audio Input, DC Power Input
Audio	Built-in Speakers
Mounting Type	Wall Mount (VESA compatible)
Item Dimensions (D x W x H)	0.5"D x 19.5"W x 11.8"H
Item Weight	3.13 Kilograms
Voltage	240 Volts (via power adapter)

Warranty and Support

Warranty Information:

This Thinlerain monitor is covered by a **1-year warranty** from the date of purchase. Additionally, each Thinlerain product is covered for **30 days for refund and exchange**. Please retain your proof of purchase for warranty claims.

Customer Support:

If you encounter any issues during the use of your monitor or require technical assistance, please contact Thinlerain customer support. Refer to the contact information provided with your purchase or visit the official Thinlerain website for support details.

© 2026 Thinlerain. All rights reserved.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B09J2CG8VN

More documents and user manuals: **https://manuals.plus/**