Thinlerain HD-190

Thinlerain 19-inch 1440x900 LED Monitor User Manual (Model HD-190)

Comprehensive instructions for setup, operation, and maintenance.

1. Introduction

This manual provides detailed instructions for the Thinlerain 19-inch 1440x900 LED Monitor, Model HD-190. Please read this manual thoroughly before using the monitor to ensure proper operation and to maximize its lifespan. Keep this manual for future reference.

The Thinlerain 19-inch monitor is designed for various applications, including use as a secondary display for extension, DIY projects, an external screen for gaming consoles, video box playback, or for video surveillance and data monitoring. It is compatible with devices such as Raspberry Pi 2/3, DSLR cameras, camcorders, FPV systems, surveillance cameras, STBs, satellite receivers, and other video devices.



Image: A visual representation of the Thinlerain 19-inch monitor's versatility, showcasing its use in design, movie playback, gaming, work, and surveillance applications.

2. Package Contents

Verify that all items listed below are present in your package:

- 1x Monitor Screen
- 1x Stand
- 1x Remote Control
- 1x Power Adaptor
- 1x HDMI Cable
- 1x User Manual

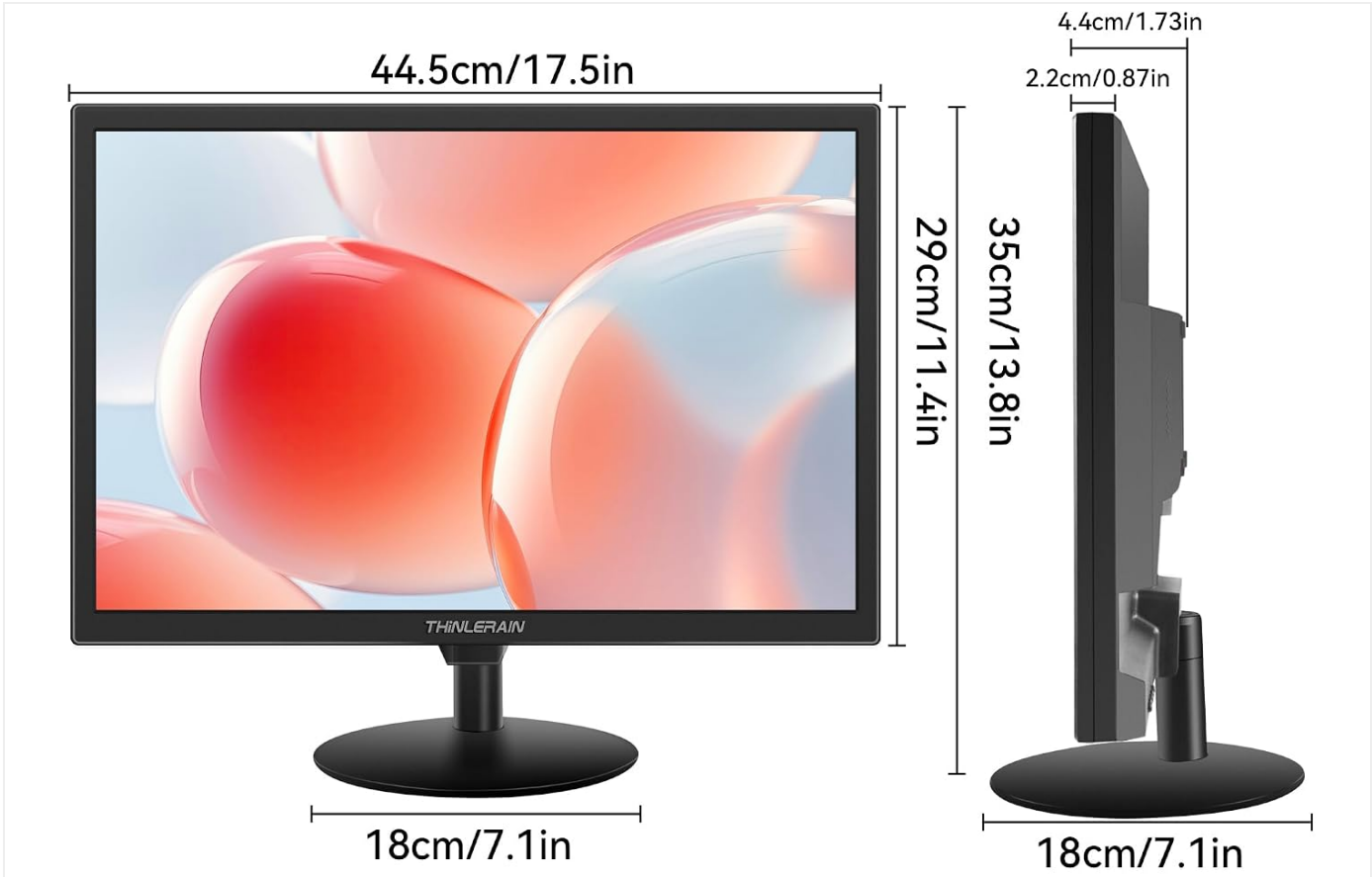


Image: Contents of the Thinlerain 19-inch monitor package, including the monitor, stand, remote control, power adapter, HDMI cable, and user manual.

3. Setup Instructions

3.1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the monitor stand to the base of the monitor. Ensure it is securely fastened.
3. Place the assembled monitor on a stable, flat surface.

Note: The monitor also supports VESA mounting (75x75mm) for wall or arm installation. Ensure appropriate VESA screws are used if not using the included stand.



Image: Front view of the Thinlerain 19-inch monitor assembled on its stand, with the remote control shown above. Key features like 19-inch display, HD 1440x900 resolution, VESA 75x75mm compatibility, and built-in speakers are highlighted.

3.2. Connecting Devices

The monitor offers versatile connectivity options. Identify the appropriate port on your monitor and connect your device using the corresponding cable.

- **HDMI:** For high-definition digital video and audio. Use the provided HDMI cable.
- **VGA:** For analog video connections.
- **AV:** For composite video and stereo audio connections.
- **BNC:** Commonly used for security cameras and professional video equipment.
- **USB:** For connecting USB devices (e.g., flash drives for media playback).
- **Audio Input/Output:** For external audio devices if desired, though the monitor has built-in speakers.



Image: Rear view of the Thinlerain 19-inch monitor, illustrating the available input ports including BNC, USB, Audio output, Audio input, AV, HDMI, and VGA. It also shows VESA mount points and tilt adjustment capability.

3.3. Power Connection

1. Connect the power adaptor to the monitor's DC input port.
2. Plug the power adaptor into a standard electrical outlet.
3. Press the power button on the monitor or remote control to turn it on.

4. Operating Instructions

4.1. Power On/Off

Press the **Power** button on the monitor or the remote control to turn the monitor on or off.

4.2. Input Source Selection

To switch between different input sources (VGA, HDMI, AV, BNC, USB), use the**Source** button on the monitor or the

remote control. Cycle through the available inputs until your desired source is displayed.

4.3. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the menu buttons on the monitor or the remote control to navigate and select options.

- **Brightness/Contrast:** Adjust image brightness and contrast levels.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Aspect Ratio:** Select between different aspect ratios (e.g., 16:10).
- **Audio Settings:** Adjust volume for the built-in speakers.

The monitor features a 1440 x 900 resolution LED screen with 97% sRGB color space, providing defined images and accurate color representation, suitable for office work. It has a brightness of 250 cd/m² and a 60 Hz refresh rate.



Image: The Thinlerain 19-inch monitor displaying a colorful image, highlighting its ability to produce vivid colors with 97% sRGB color gamut, 16.7 million display colors, and 250 cd/m² brightness.

4.4. Using Built-in Speakers

The monitor is equipped with dual built-in speakers, eliminating the need for external speakers. Audio will automatically play through these speakers when an audio-enabled input (like HDMI or AV) is selected. Adjust volume via the OSD menu or remote control.



Image: The Thinlerain 19-inch monitor with graphic overlays of sound waves, visually representing its built-in speaker functionality.

4.5. Remote Control Usage

The remote control provides convenient access to all monitor functions, including power, input selection, and OSD menu navigation. Ensure batteries are inserted correctly (batteries not included).

5. Maintenance

5.1. Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

5.2. General Care

- Keep the monitor away from direct sunlight, excessive heat, and moisture.
- Ensure adequate ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

6. Troubleshooting

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

Problem	Possible Cause	Solution
No image on screen	• Power cable not connected • Video cable not connected or loose • Incorrect input source selected • Monitor is off	• Ensure power cable is securely connected to monitor and outlet. • Check video cable (HDMI, VGA, AV, BNC) connections at both monitor and source device. • Press the "Source" button to select the correct input. • Press the power button to turn on the monitor.
Image is distorted or blurry	• Incorrect resolution setting • Loose video cable • Interference	• Set the display resolution to 1440 x 900 on your source device. • Ensure video cables are securely connected. • Move other electronic devices away from the monitor.
No sound from speakers	• Volume too low or muted • Audio cable not connected (for AV input) • Source device audio output issue	• Increase volume via OSD menu or remote. Check if muted. • For AV input, ensure audio cables are connected. HDMI carries audio automatically. • Verify audio settings on your source device.
Remote control not working	• Batteries are dead or incorrectly inserted • Obstruction between remote and monitor sensor	• Replace batteries and ensure correct polarity. • Remove any obstructions and point the remote directly at the monitor's IR sensor.

7. Specifications

Below are the technical specifications for the Thinlerain 19-inch LED Monitor (Model HD-190):

Feature	Detail
Brand	Thinlerain
Model Number	HD-190
Screen Size	19 inches
Display Technology	LED
Maximum Display Resolution	1440 x 900
Aspect Ratio	16:10

Feature	Detail
Refresh Rate	60 Hz
Response Time	5 milliseconds
Image Contrast Ratio	2000:1
Brightness	250 cd/m²
Color Gamut	97% sRGB
Display Colors	16.7 Million
Screen Surface	Glossy
Connectivity	VGA, HDMI, AV, BNC, USB (1 port)
Special Features	Built-in Speaker
VESA Mount Compatibility	75x75mm
Color	Black
Manufacturer	Shenzhen Kenowa Electronics Co., LTD



Image: The Thinlerain 19-inch monitor highlighting its key specifications: 19-inch display, HD 1440x900 resolution, 60Hz refresh rate, 5ms response time, 72% sRGB, built-in speakers, and VESA 75x75mm compatibility.

For detailed energy efficiency information, please refer to the EPREL database:

- EPREL Product Information (Link 1)
- EPREL Product Information (Link 2)
- EPREL Product Information (Link 3)
- EPREL Product Information (Link 4)
- EPREL Product Information (Link 5)

8. Warranty and Support

Information regarding specific warranty terms and conditions for the Thinlerain HD-190 monitor was not available in the provided product data. For warranty claims or technical support, please contact the seller or manufacturer directly.
Manufacturer: Shenzhen Kenowa Electronics Co., LTD
Seller: Thinlerain (via Amazon.com.be)
For general inquiries or further assistance, please refer to the contact information provided by your point of purchase.

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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.

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