Thinlerain T-19BNC

Thinlerain 19 inch Computer Monitor T-19BNC User Manual

Model: T-19BNC

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Thinlerain 19 inch Computer Monitor, Model T-19BNC. This monitor features a 1440x900 resolution display, multiple input ports including HDMI, VGA, AV, BNC, and USB, and integrated speakers, making it suitable for various applications from office work to surveillance systems.

Figure 1.1: Thinlerain 19 inch Monitor with Remote Control

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

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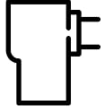- Power Adaptor (1x)
- HDMI Cable (1x)
- User Manual (1x)

Monitor Screen   Stand   Remote Control

Power Adaptor   HDMI Cable   User Manual

Figure 2.1: Included Package Contents

3. PRODUCT OVERVIEW

3.1 Display Features

- **Screen Size:** 19 inches
- **Resolution:** 1440x900 (HD)
- **Refresh Rate:** 60Hz
- **Response Time:** 5ms
- **Color Gamut:** 72% sRGB
- **Brightness:** 250 cd/m²
- **Viewing Angle:** 95°
- **Eye Protection:** Features flicker-free and low blue light technology to reduce eye strain.

Figure 3.1: Monitor Display Specifications

3.2 Audio Features

The monitor includes 2 built-in speakers for integrated audio output, compatible with various devices.

Built-in Speakers

Figure 3.2: Built-in Speakers

3.3 Connectivity Ports

The monitor offers a variety of input and output ports for versatile connectivity:

- **HDMI:** High-Definition Multimedia Interface for digital video and audio.
- **VGA:** Video Graphics Array for analog video input.
- **AV:** Audio/Video composite input (RCA).
- **BNC:** Bayonet Neill-Concelman connector, commonly used for surveillance cameras.
- **USB:** For media playback or updates.
- **Audio Input:** For external audio sources.
- **Audio Output:** For connecting external speakers or headphones.

Versatile Connectivity

VESA Support
75x75mm

Tilt adjustment
-5°~15°

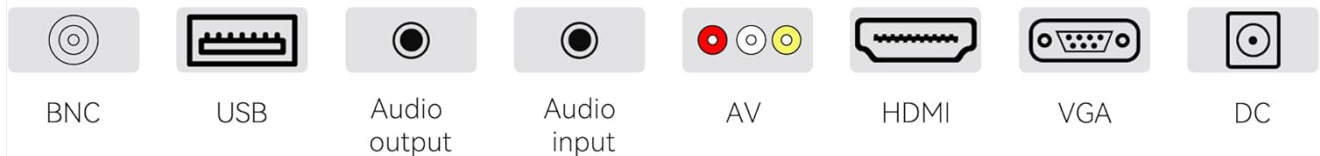| BNC | USB | Audio output | Audio input | AV | HDMI | VGA | DC |

Figure 3.3: Rear Panel Connectivity

3.4 Physical Features

- **VESA Mountable:** Supports 75x75mm VESA standard for wall or arm mounting.
- **Tilt Adjustable:** Allows for -5° to 15° tilt adjustment for optimal viewing.

Figure 3.4: Monitor Physical Views

4. SETUP

4.1 Stand Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the monitor stand base to the stand neck. Secure with the provided screw.
3. Align the assembled stand with the mounting slot on the back of the monitor.
4. Gently push the stand into the slot until it clicks into place or secure with screws if applicable.

4.2 VESA Mounting

The monitor supports a 75x75mm VESA mounting pattern. To mount the monitor on a VESA-compatible arm or wall mount:

1. Remove the pre-attached stand if present.
2. Attach the VESA mount bracket (not included) to the four screw holes on the back of the monitor.
3. Secure the monitor to your VESA-compatible arm or wall mount according to the mount's instructions.

Figure 4.1: VESA Mounting Example

4.3 Connecting Devices

Connect your devices to the appropriate ports on the back of the monitor. Ensure the monitor is powered off before making

connections.

- **HDMI:** Use the included HDMI cable to connect your computer, game console, or other HDMI-enabled device to the monitor's HDMI port.
- **VGA:** Connect your computer's VGA output to the monitor's VGA port using a VGA cable (not included).
- **AV/BNC:** For composite video (AV) or BNC devices (e.g., surveillance cameras), connect the respective cables to the AV or BNC ports.
- **USB:** Insert a USB disk for media playback or connect to a device for updates.
- **Audio In/Out:** Connect external audio sources to the Audio In port or external speakers/headphones to the Audio Out port.
- **Power:** Connect the power adapter to the DC port on the monitor and then plug it into a power outlet.

Figure 4.2: Connecting Devices

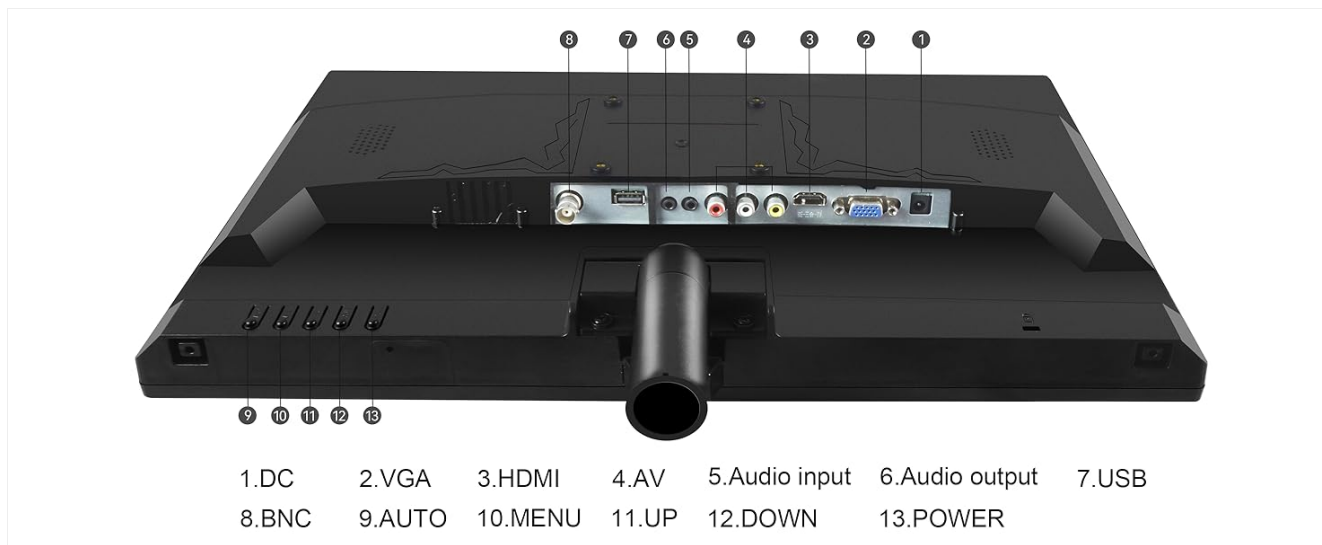| 1.DC | 2.VGA | 3.HDMI | 4.AV | 5.Audio input | 6.Audio output | 7.USB |
| 8.BNC | 9.AUTO | 10.MENU | 11.UP | 12.DOWN | 13.POWER | |

Figure 4.3: Rear Panel Port and Button Layout

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

After connecting the power adapter, press the Power button on the monitor or the remote control to turn the monitor on or off.

5.2 Input Source Selection

To switch between input sources (HDMI, VGA, AV, BNC), press the 'Input' or 'Source' button on the remote control or the physical buttons on the monitor. Use the navigation buttons to select the desired input.

5.3 On-Screen Display (OSD) Menu Navigation

The monitor's settings can be adjusted using the On-Screen Display (OSD) menu. It is recommended to use the included remote control for easier navigation.

1. Press the 'Menu' button on the remote control to open the OSD menu.
2. Use the directional buttons (Up/Down/Left/Right) on the remote to navigate through menu options.
3. Press 'OK' or 'Enter' to select an option or confirm a setting.
4. Use the 'Exit' or 'Menu' button to close the OSD menu.

5.4 Display Settings

Within the OSD menu, you can adjust various display settings:

- **Brightness:** Adjust the overall luminance of the screen.
- **Contrast:** Adjust the difference between the brightest and darkest areas of the image.
- **Color Temperature:** Select predefined color modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Aspect Ratio:** Change the display aspect ratio (e.g., 16:9, 4:3).
- **Volume:** Adjust the audio output level of the built-in speakers.

6. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner. Avoid spraying liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid harsh chemicals or abrasive materials.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, ideally in its original packaging.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:
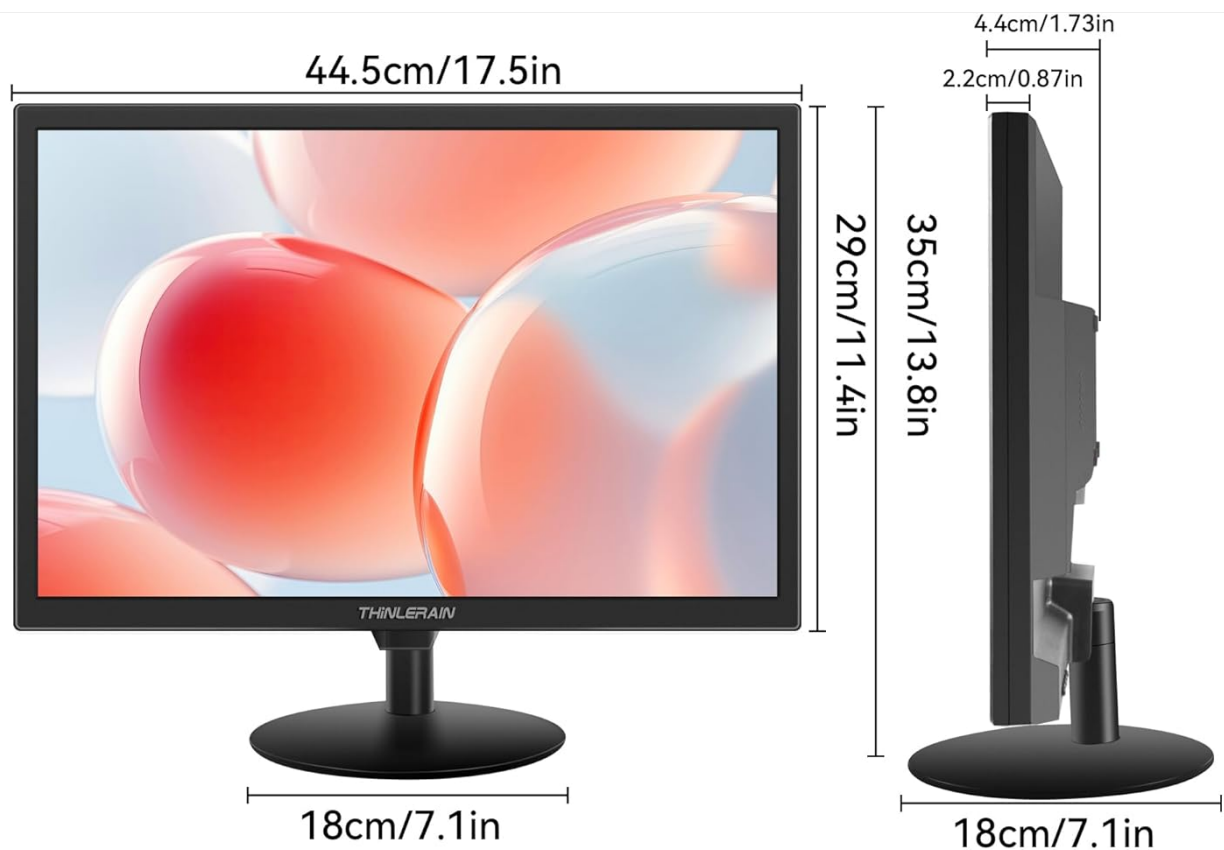
Problem	Possible Cause	Solution
No image on screen / "No Signal" message	Loose cable connection, incorrect input source, device not powered on.	Check all cable connections (power, video). Ensure the connected device is powered on. Select the correct input source using the remote or monitor buttons.
Image is distorted or unclear	Incorrect resolution, faulty cable, display settings.	Set your device's resolution to 1440x900. Try a different video cable. Adjust brightness, contrast, and color settings in the OSD menu.
Monitor stand is wobbly	Stand not securely assembled or inherent design.	Ensure all stand components are tightly secured. Consider using a VESA-compatible monitor arm or wall mount for increased stability.
No sound from speakers	Volume too low, audio cable not connected (for AV/VGA), muted.	Increase monitor volume via OSD or remote. Ensure audio cables are correctly connected for AV/VGA inputs. Check if the monitor or source device is muted.
Remote control not working	Dead batteries, obstruction, remote sensor blocked.	Replace batteries. Ensure there is no obstruction between the remote and the monitor's IR sensor.

8. SPECIFICATIONS

Detailed technical specifications for the Thinlerain 19 inch Computer Monitor T-19BNC:

Feature	Specification

Feature	Specification
Product Dimensions	1.73 x 17.5 x 13.8 inches
Item Weight	6.39 pounds
Manufacturer	Thinlerain
Item Model Number	T-19BNC
Standing Screen Display Size	19 Inches
Aspect Ratio	16:9
Resolution	1440 x 900 Pixels (HD)
Image Brightness	250 cd/m²
Total USB Ports	1
Screen Surface Description	Glossy

Package Includes

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

Figure 8.1: Monitor Dimensions

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Thinlerain website. Keep your purchase receipt for warranty claims.
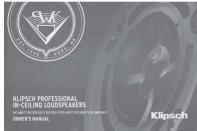
Related Documents - **T-19BNC**

F&D T-35X 2.0 Computer Multimedia Speaker User Manual

Comprehensive user manual for the F&D T-35X 2.0 Computer Multimedia Speaker, covering setup, operation via Bluetooth, AUX, Optical, and USB, specifications, and troubleshooting.

Grundig Television Detailed Instruction Manual

Comprehensive user manual for Grundig televisions, covering setup, operation, safety, features like HbbTV, media player, and technical specifications.

Klipsch Professional In-Ceiling Loudspeakers Owner's Manual

Owner's manual for Klipsch Professional In-Ceiling Loudspeakers, covering safety instructions, contents, installation procedures, grille painting, and tap settings for models PIC-450-T, PIC-525-SC-T, PIC-525-T, PIC-650-T, PIC-800-T, and PIC-800-SW-T.

Matchmaster 14MM-JM02 Universal HDMI Modulator User Manual

User manual for the Matchmaster 14MM-JM02 Universal HDMI Modulator, detailing product features, installation, software configuration, technical specifications, and warranty information provided by Unitron N.V.

M3663.03B LCD TV Control Board Specification

Technical specification for the M3663.03B LCD TV control board, detailing its features, interfaces, multimedia playback capabilities, and power requirements.

MOXA

P/N: 1802021800210

[Moxa UC-2100-W Series Quick Installation Guide](#)
Concise guide for installing and setting up Moxa UC-2100-W Series embedded computers, covering overview, appearance, LED indicators, wiring, installation steps, and access methods.