

Samsung LC27T550FDNXZA

Samsung T550 Series 27-Inch Curved FHD Monitor (LC27T550FDNXZA) User Manual

Welcome to your new Samsung T550 Series monitor. This manual provides essential information for setup, operation, and maintenance.

1. PRODUCT OVERVIEW

The Samsung T550 Series monitor offers a 27-inch curved display with Full HD 1080p resolution, a 75Hz refresh rate, and AMD FreeSync technology for smooth visuals. It features built-in speakers and multiple connectivity options including HDMI and DisplayPort.

Key Features

- **Optimal 1000R Curvature:** Designed to match the human eye's field of view for reduced eye strain and enhanced immersion.
- **FHD 1080p Resolution:** Delivers crisp and clear images.
- **75Hz Refresh Rate:** Provides smooth screen transitions.
- **AMD FreeSync:** Synchronizes refresh rates for tear-free gaming and video.
- **Built-in 5W Speakers:** Integrated audio solution.
- **Multiple Connectivity:** HDMI, DisplayPort, and D-Sub (VGA) inputs.
- **Eye Comfort Certification:** TUV Rheinland certified for reduced blue light and flicker-free viewing.

Package Contents

Ensure all items are present in the box:

- Samsung T550 Series 27-Inch Curved Monitor
- Stand Base and Neck
- Power Cable
- HDMI Cable
- User Manual (this document)
- Installation CD (if applicable, though usually online)

2. SETUP AND ASSEMBLY

Follow these steps to assemble and connect your monitor.

Assembling the Stand

1. Carefully place the monitor face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the monitor using the provided screws.
3. Attach the stand base to the stand neck, securing it with the thumb screw.



Image: Front view of the Samsung T550 Series 27-inch Curved Monitor with its stand.



Image: Diagram showing the dimensions of the Samsung T550 Series 27-inch Curved Monitor.

Connecting the Monitor

1. Connect the power cable to the monitor's power input and then to a wall outlet.
2. Connect the HDMI cable from your computer's HDMI output to the monitor's HDMI input.
Alternatively, use a DisplayPort cable for DisplayPort connections or a D-Sub (VGA) cable for VGA connections.
3. If using external audio devices, connect them to the Audio Out port.



Image: Rear view of the Samsung T550 Series monitor, highlighting the various input ports.



- 1 AUDIO IN 2 DP IN 3 HDMI IN 4 PC IN 5 DC 19V**

Image: Detailed view of the monitor's rear ports, labeled for Audio In, DP In, HDMI In, PC In (D-Sub), and DC 19V power input.

Note: The monitor includes built-in 5W speakers, so external speakers are optional.

3. OPERATING THE MONITOR

Power On/Off

Press the power button located on the back of the monitor to turn it on or off.



Image: Side profile of the Samsung T550 Series monitor, showcasing its curved design.

Using the OSD (On-Screen Display) Menu

The monitor features a joystick-like button on the back for navigating the OSD menu.

1. Press the joystick button to open the OSD menu.
2. Move the joystick up, down, left, or right to navigate through menu options.
3. Press the joystick to select an option.
4. To exit the menu, select the "Exit" option or move the joystick left repeatedly until the menu closes.

Picture Settings

Adjust display settings for optimal viewing:

- **Brightness:** Controls the overall luminance of the screen.
- **Contrast:** Adjusts the difference between light and dark areas.
- **Sharpness:** Enhances the clarity of image edges.
- **Color:** Fine-tunes color balance and saturation.
- **Eye Saver Mode:** Reduces blue light emissions to minimize eye strain.
- **Game Mode:** Optimizes image settings for gaming, enhancing visibility in dark scenes and reducing input lag.

System Settings

Configure general monitor settings:

- **Input Source:** Select between HDMI, DisplayPort, or D-Sub inputs.
- **Response Time:** Adjust for faster pixel response, beneficial for gaming.
- **Picture Size:** Adjusts the aspect ratio of the display.
- **Language:** Change the OSD menu language.

FreeSync Technology

This monitor supports AMD FreeSync, which synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering. Ensure your graphics card supports FreeSync and enable it in your graphics card settings.

4. MAINTENANCE

Cleaning the Monitor

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution. Avoid using harsh chemicals or abrasive materials.

General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight, high temperatures, or excessive humidity.
- Unplug the monitor during lightning storms or when unused for extended periods.

5. TROUBLESHOOTING

Problem	Solution
No image on screen	<ul style="list-style-type: none">• Check if the power cable is securely connected.• Ensure the video cable (HDMI, DP, D-Sub) is properly connected to both the monitor and the computer.• Select the correct input source using the OSD menu.• Verify the computer is powered on and not in sleep mode.
Image is blurry or distorted	<ul style="list-style-type: none">• Adjust the resolution on your computer to match the monitor's native resolution (1920x1080).• Check the video cable for damage or loose connections.• Adjust the Sharpness setting in the OSD menu.
No sound from speakers	<ul style="list-style-type: none">• Check the volume level on the monitor and your computer.• Ensure the audio output is correctly selected on your computer.• If using HDMI/DP, ensure the audio is routed through the correct source.

Problem	Solution
Monitor leans forward after assembly	<ul style="list-style-type: none"> Ensure the stand base is securely tightened to the stand neck. Some models may have a specific screw or alignment for stability.

6. SPECIFICATIONS

Feature	Detail
Model Number	LC27T550FDNXZA
Screen Size	27 Inches
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Curvature	1000R
Refresh Rate	75Hz
Response Time	4ms (GTG)
Built-in Speakers	Yes, 5W
Connectivity	1x HDMI, 1x DisplayPort, 1x D-Sub (VGA), Audio In
Special Features	AMD FreeSync, Eye Saver Mode, Flicker-Free
Dimensions (LxWxH)	9.82 x 24.14 x 18.03 inches
Weight	11.2 pounds

7. PRODUCT DEMONSTRATION VIDEO

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Video: A demonstration of the Samsung T550 Series monitor's features, including its curved display, connectivity options, and OSD menu navigation.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Samsung website or contact Samsung customer service. Keep your purchase receipt for warranty claims.

Online resources and driver downloads can be found at: www.samsung.com/support