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› [Samsung ViewFinity S8 Series 27-Inch 4K UHD Monitor \(Model S27B804TGN\) Instruction Manual](#)

Samsung S27B804TGN

Samsung ViewFinity S8 Series 27-Inch 4K UHD Monitor

MODEL: S27B804TGN

Instruction Manual

1. Introduction

This manual provides essential information for the setup, operation, and maintenance of your Samsung ViewFinity S8 Series 27-Inch 4K UHD Monitor. Designed for professionals and content creators, this monitor offers high resolution, accurate color reproduction, and versatile connectivity options to enhance your workspace.



Figure 1.1: Samsung ViewFinity S8 27-Inch 4K UHD Monitor

2. Package Contents

Verify that all items are present in your product packaging:

- Samsung ViewFinity S8 27-Inch 4K UHD Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- Thunderbolt 4 Cable
- Quick Setup Guide (this document)

3. Setup

3.1 Assembling the Stand

1. Place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor by aligning the tabs and pushing until it clicks into place.
3. Secure the stand base to the stand neck using the captive screw on the underside of the base.

3.2 Connecting Cables

Connect the necessary cables to the monitor's rear ports. Refer to Figure 3.1 for port locations.



Figure 3.1: Rear Ports and Connections

- **Power:** Connect the power cable to the monitor and a wall outlet.
- **Video Input:** Connect either the HDMI cable to the HDMI IN port (1) or the Thunderbolt 4 cable to the Thunderbolt 4 Upstream port (3) on the monitor and to your computer.
- **Thunderbolt 4 Daisy Chain:** For a dual monitor setup, connect a second compatible monitor to the Thunderbolt 4 Downstream port (2).
- **LAN:** Connect an Ethernet cable to the LAN port (4) for network connectivity, especially useful for laptops without an Ethernet port.
- **USB Devices:** Connect USB peripherals to the USB 3.0 ports (5, 6, 7).
- **Audio:** Connect headphones or external speakers to the Headphone IN port (8).


4. Operating the Monitor

4.1 Basic Controls


The monitor features a control button (often a joystick-like button) located on the bottom center or rear of the display for power and menu navigation. Press the button to turn the monitor on/off or access the On-Screen Display (OSD) menu. Use the joystick to navigate through menu options and adjust settings.

4.2 Display Features


- **UHD Resolution & IPS Panel:** Experience crystal clear color quality and a wide viewing angle of 178° with 4K UHD resolution, providing ample screen real estate for multiple applications.



IPS Panel



Wide Viewing Angle



UHD RESOLUTION & IPS PANEL

Deeper details for creative clarity

Uncover every detail with maximum clarity. With 4x the pixels of Full HD, every detail is displayed in enhanced depth, while more screen real estate provides space to utilize multiple tools, applications and programs. Plus, the IPS panel delivers crystal clear color quality and a wide viewing angle of 178°.

Figure 4.1: UHD Resolution and IPS Panel Benefits

- **1 Billion Colors with HDR 10:** Enjoy content with stunning color accuracy and depth. HDR10 support ensures darker darks and brighter highlights, displaying content as intended by creators.

1 BILLION COLORS WITH HDR 10

Enjoy a billion colors with incredible depth

Enjoy your content with stunning color accuracy and detail. In a wide range of colors, near limitless hues and HDR10, every piece of content becomes a joy to look at and can be experienced exactly as the creator intended. Dark colors are darker and the brightest colors shine even brighter.




Figure 4.2: 1 Billion Colors with HDR 10

- **Picture-by-Picture (PBP) & Picture-in-Picture (PIP):** View inputs from simultaneous sources at native resolution (PBP) or resize a second source to up to 25% of the screen (PIP) to multitask efficiently.

PICTURE BY PICTURE (PBP)
& PICTURE IN PICTURE (PIP)

Make room for more tasks

Multiply the ways you work, chat and play. With PBP, view inputs from simultaneous sources at native resolution, allowing you to review two projects or run two programs. Use PIP to resize a second source to up to 25% of the screen, allowing you to work on one task while monitoring another.

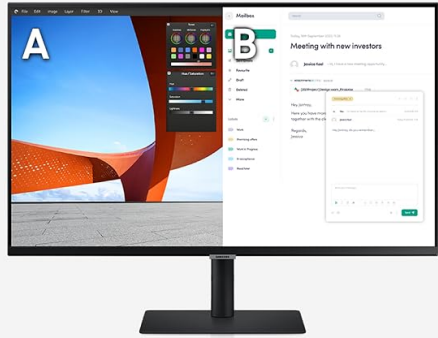
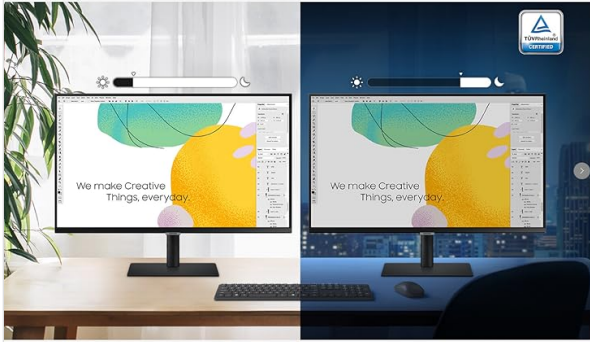


Figure 4.3: Picture-by-Picture (PBP) Functionality

- **TUV Certified Intelligent Eye Care:** The monitor automatically adjusts brightness and color temperature to optimize viewing in any environment. Eye Saver Mode and Flicker Free features protect against excessive blue light and eye strain.



TUV CERTIFIED
INTELLIGENT EYE CARE

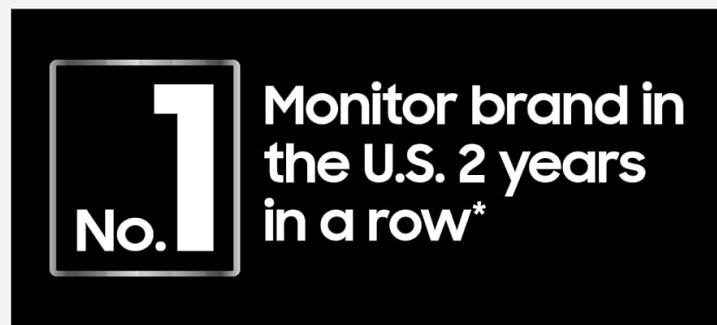
Relieve your eyes from strain

Brightness and color temperature adjust automatically for optimization in any environment, especially when you're up late finishing a project. TUV-certified for intelligent eye care, Samsung monitors protect eyes against excessive blue light and eye strain with eye saver mode and flicker free features.

Figure 4.4: Intelligent Eye Care Features

4.3 Connectivity Features

- **Thunderbolt 4:** Utilize two Thunderbolt 4 ports for a single-cable solution to power your laptop (up to 90W), transmit data at up to 40Gbps, and connect to compatible Macs and PCs. Daisy-chaining allows for a simple dual UHD display setup.



* Source: Circana, Retail Tracking Service Monthly Total Channel, U.S., dollar sales, Annual 2022 and 2023.

Figure 4.5: Dual 4K Display Setup with Thunderbolt 4 Daisy Chain

- **Built-in Speakers:** The integrated speakers provide audio without the need for external peripherals, contributing to a cleaner and more efficient workspace.

BUILT-IN SPEAKERS

Built-in sound, better space.

Work, learn and play without the need for additional peripherals. With built-in speakers, you can free up desk space by minimizing the connections needed for a more efficient working environment, while ensuring you can listen to your music, podcasts or videos with ease.



Figure 4.6: Built-in Speakers

4.4 Ergonomic Design

The monitor stand allows for various adjustments to optimize your viewing comfort and minimize distractions:

- **Height Adjustment:** Raise or lower the screen to your preferred height.
- **Tilt:** Adjust the vertical angle of the screen.
- **Swivel:** Rotate the screen horizontally.
- **Pivot:** Rotate the screen from landscape to portrait orientation.



Figure 4.7: Ergonomic Adjustments (Height, Slim Stand, Pivot)

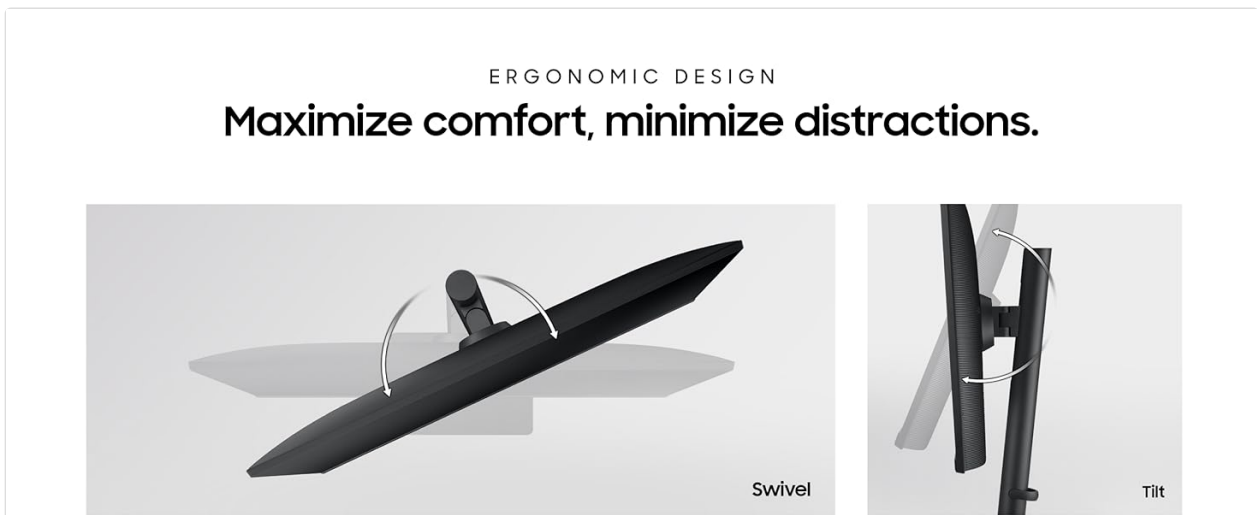


Figure 4.8: Ergonomic Adjustments (Swivel, Tilt)

5. Maintenance

To ensure the longevity and optimal performance of your monitor:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Exterior:** Use a soft, dry cloth to clean the monitor's casing. Avoid abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always power off the monitor when not in use for extended periods.

6. Troubleshooting

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

Problem	Possible Cause / Solution
No image on screen	<ul style="list-style-type: none"> • Ensure the power cable is securely connected and the monitor is turned on. • Verify the video cable (HDMI or Thunderbolt 4) is properly connected to both the monitor and the computer. • Check the input source on the monitor's OSD menu to ensure it matches the connected cable. • Try a different video cable or port.
No sound from built-in speakers	<ul style="list-style-type: none"> • Check the volume settings on both the monitor and your computer. • Ensure the correct audio output device (S27B804TGN) is selected in your computer's sound settings. • Verify the Thunderbolt 4 cable is properly connected, as it carries audio. • If using HDMI, ensure your computer's audio output is set to the monitor. • Restart the monitor and computer.
Monitor does not wake from sleep / Controls unresponsive	<ul style="list-style-type: none"> • Disconnect and reconnect the power cable to perform a hard reset. • Update your computer's graphics drivers and monitor drivers (if available from Samsung's support website). • Adjust power management settings on your computer to prevent the monitor from entering a deep sleep state.
Picture-by-Picture (PBP) or Picture-in-Picture (PIP) not working	<ul style="list-style-type: none"> • Ensure both input sources are connected to the appropriate ports. • Access the OSD menu to activate and configure PBP/PIP settings.

7. Specifications

Detailed technical specifications for the Samsung ViewFinity S8 Series 27-Inch 4K UHD Monitor (Model S27B804TGN):

Feature	Detail
Brand	Samsung
Model Number	LS27B804TGNXGO
Screen Size	27 inches

Feature	Detail
Screen Resolution	3840x2160 (4K UHD)
Max Screen Resolution	3840 x 2160 Pixels
Panel Type	IPS
Refresh Rate	60Hz
HDR Support	HDR10
Connectivity	2 x Thunderbolt 4, 1 x HDMI, 3 x USB 3.0, 1 x LAN, 1 x Headphone IN
Built-in Speakers	Yes
Ergonomics	Height Adjustable, Tilt, Swivel, Pivot
Item Weight	15.7 pounds
Product Dimensions (LxWxH)	7.7 x 24.2 x 21.7 inches
Color	Black
Voltage	240 Volts



Figure 7.1: Monitor Dimensions

8. Warranty Information

For detailed warranty information regarding your Samsung ViewFinity S8 monitor, please refer to the warranty card included in your product packaging or visit the official Samsung support website. Warranty terms and conditions may vary by region and purchase date.

9. Customer Support

If you require further assistance or have questions not covered in this manual, please contact Samsung Customer Support:

- **Online Support:** Visit the official Samsung website and navigate to the support section for your specific monitor model.
- **Phone Support:** Refer to your product documentation for regional customer service contact numbers.

