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› Samsung 27" (S40GD) Borderless Business Monitor User Manual

Samsung LS27D402GANXGO

Samsung 27" (S40GD) Borderless Business Monitor User Manual

Model: LS27D402GANXGO

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Samsung 27" (S40GD) Borderless Business Monitor. Designed for both work and entertainment, this monitor features an IPS panel for vivid colors, a 100Hz refresh rate for smooth performance, and ergonomic adjustments for optimal comfort. Please read this manual thoroughly before using your monitor to ensure proper functionality and longevity.



Figure 1: Samsung 27" (S40GD) Borderless Business Monitor

SETUP

1. Unboxing and Package Contents

Carefully remove all components from the packaging. Ensure all items listed below are present:

- Samsung 27" (S40GD) Monitor
- Monitor Stand (Base and Neck)
- HDMI Cable
- DisplayPort Cable
- Power Cable
- User Manual (this document)

2. Physical Assembly

Follow these steps to assemble the monitor stand:

1. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
2. Attach the stand base to the stand neck. Tighten the captive screw at the bottom of the base.
3. Place the assembled monitor on a stable, flat surface.

For VESA mounting, remove the stand and attach a compatible VESA mount (100x100mm) using M4-0.7 bolts.

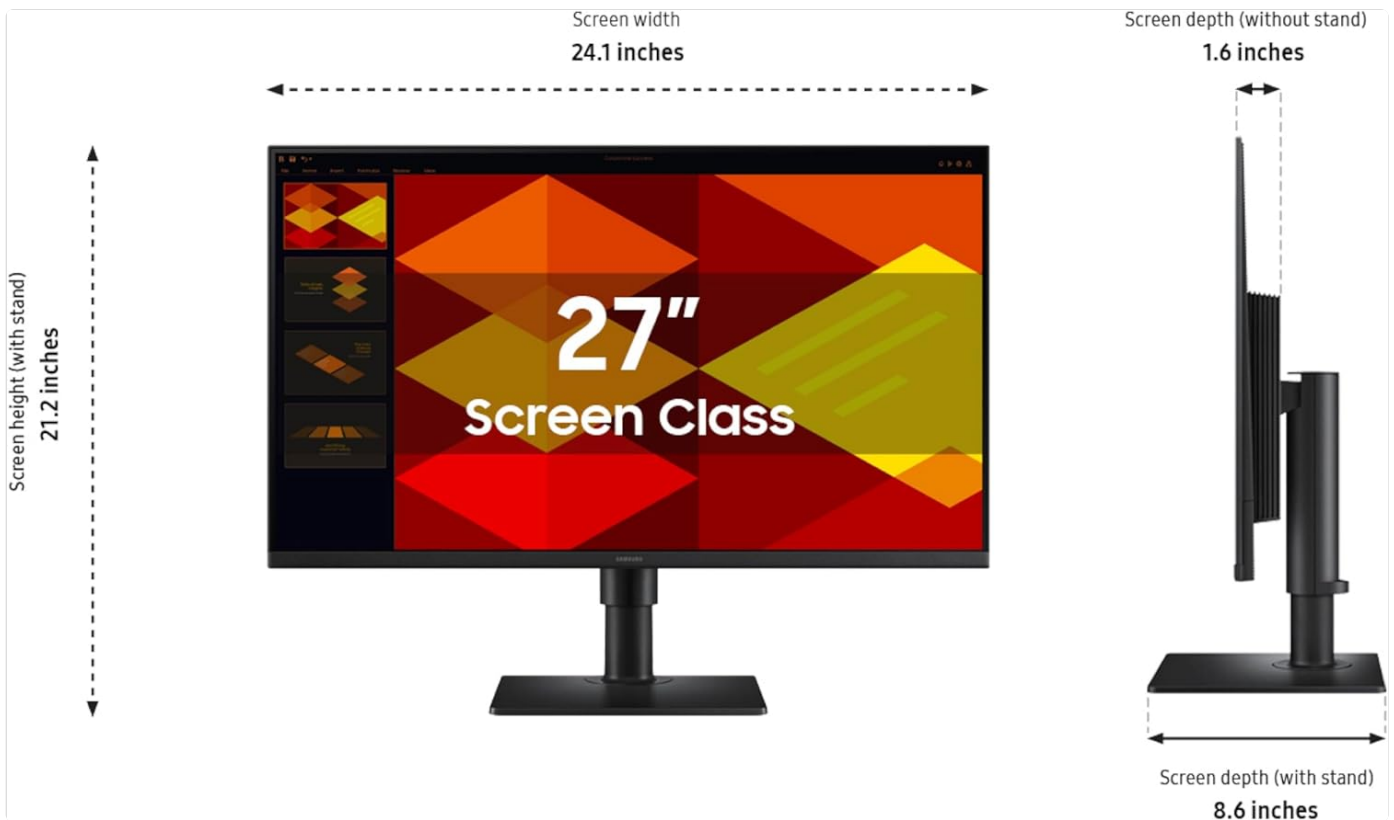


Figure 2: Monitor Dimensions and Assembly Overview

3. Connecting Cables

Connect the necessary cables to the corresponding ports on the back of the monitor:

- **Power Cable:** Connect one end to the monitor's power input and the other to a power outlet.
- **Video Input:** Connect either the HDMI cable to an HDMI port (HDMI IN 1 or HDMI IN 2) or the DisplayPort cable to the DP IN port on the monitor and the corresponding port on your computer.
- **USB Hub (Optional):** To utilize the integrated USB hub, connect a USB Type-B Upstream cable (not included) from the monitor's USB Type-B port to a USB Type-A port on your computer.
- **Headphones:** Connect headphones or external speakers to the Headphone IN port if desired.

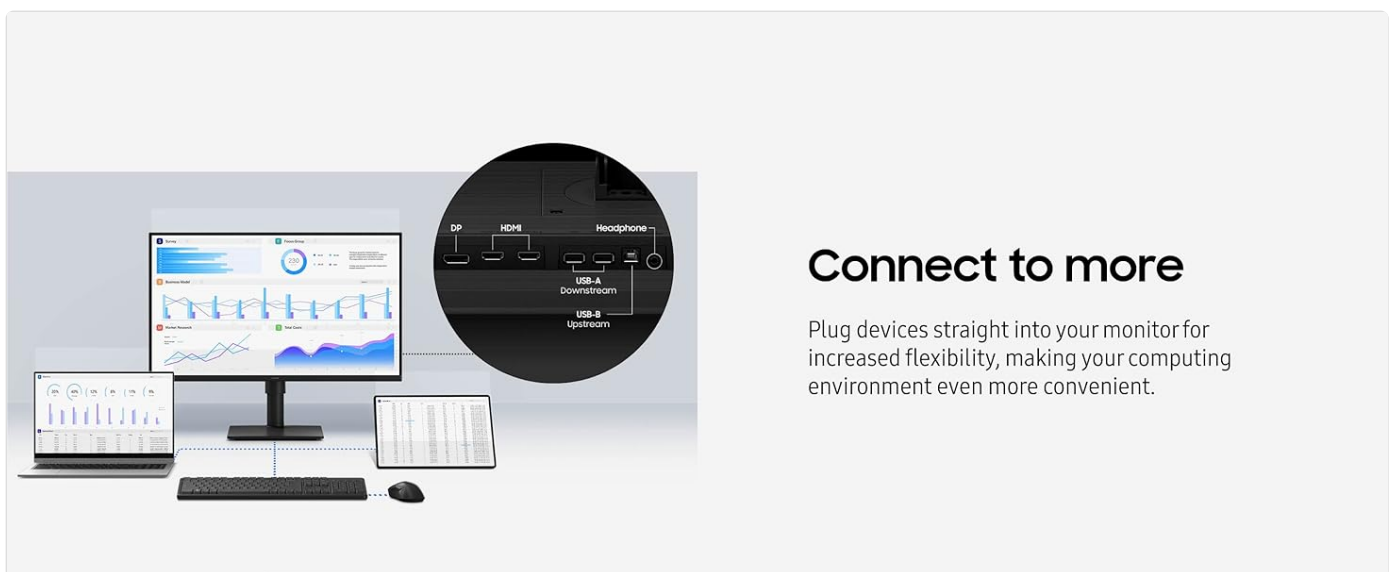


Figure 3: Monitor Connectivity Ports

4. Initial Power On

Once all cables are connected, press the power button on the monitor. The monitor should power on and display an

image from your connected device. If no image appears, ensure the correct input source is selected via the monitor's OSD (On-Screen Display) menu.

OPERATING INSTRUCTIONS

1. Basic Functions and OSD Navigation

The monitor's functions are controlled via a multi-directional button, typically located on the back or bottom of the monitor. Press the button to access the OSD menu. Use the directional movements to navigate and select options.

2. Display Settings

- **Refresh Rate:** The monitor supports up to a 100Hz refresh rate. To enable this, you may need to adjust the display settings in your computer's operating system. Navigate to Display Settings > Advanced Display Settings and select 100Hz.
- **Eye Saver Mode:** This mode reduces blue light emissions and screen flicker to minimize eye strain during long viewing sessions. Activate this feature through the OSD menu under Picture settings.
- **Game Picture Mode:** Optimize color and image contrast for gaming. This mode enhances visibility in dark scenes and adjusts the display to fill the screen with game content. Access this setting in the OSD menu.
- **Color and Image Adjustment:** Adjust brightness, contrast, sharpness, color, tint, and white balance through the OSD menu to suit your preferences.



Figure 4: Vivid Colors with IPS Panel



Vivid colors across the whole screen

Experience stunning colors across the entire display with the IPS panel. Colors remain bright and clear across the screen, even when you change angles. Tones and shades are represented consistently and beautifully with less color washing.



Figure 5: Smooth Performance with 100Hz Refresh Rate



Smooth performance across any content

Stay in the action when playing games, watching videos, or working on creative projects. The 100Hz refresh rate reduces lag and motion blur so you don't miss a thing in fast-paced moments.*



* Default refresh rate is set to 60Hz, and may be adjusted to 100Hz in the monitor's settings.

Figure 6: Optimized Game Settings



GAME PICTURE MODE

Optimized game settings for each genre

Gain a competitive edge with optimizable game settings. Color and image contrast can be instantly adjusted to see scenes more clearly and spot enemies hiding in the dark, while Game Picture Mode adjusts any game to fill your screen with every detail in view.*

* Image simulated for demonstration purposes.

Figure 7: Eye Saver Mode for Reduced Eye Strain

3. Ergonomic Adjustments

The monitor stand allows for flexible adjustments to achieve optimal viewing comfort:

- **Height Adjustment:** Adjust the monitor's height to align the top of the screen with your eye level.
- **Tilt:** Tilt the screen forward or backward to reduce glare and optimize viewing angle.
- **Swivel:** Rotate the monitor horizontally on its base to share your screen or adjust your viewing position.
- **Pivot:** The monitor can be pivoted 90 degrees for a vertical view, ideal for document viewing or coding.

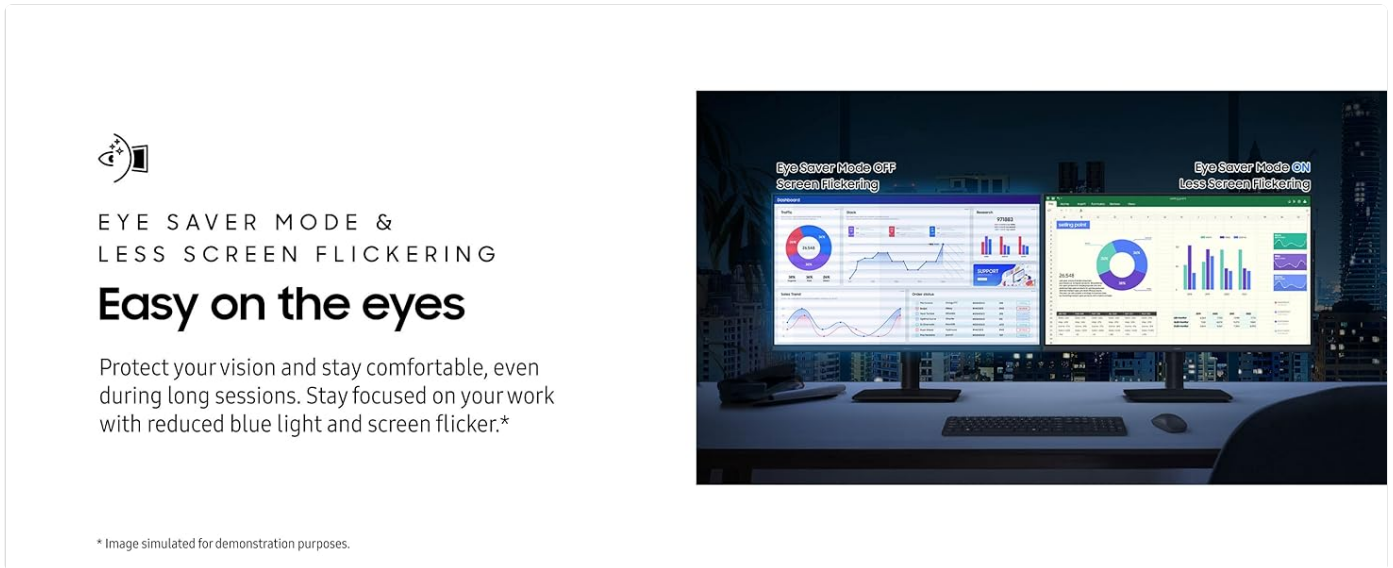


Figure 8: Flexible Ergonomic Adjustments

MAINTENANCE

1. Cleaning the Monitor

To maintain the monitor's appearance and performance, follow these cleaning guidelines:

- **Screen:** Gently wipe the screen with a soft, lint-free cloth specifically designed for electronics. For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution (do not spray directly onto the screen).
- **Body:** Use a soft, dry cloth to wipe the monitor's casing. Avoid abrasive cleaners or solvents.
- Always unplug the monitor from the power outlet before cleaning.

2. Storage

If storing the monitor for an extended period, ensure it is clean, dry, and stored in a cool, dust-free environment. It is recommended to use the original packaging for protection during storage or transport.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Samsung monitor. If the problem persists after attempting these solutions, please contact customer support.

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Incorrect input source; Video cable loose or disconnected.	Check power cable connection; Select correct input source via OSD; Reconnect video cable securely.
Screen flickering	Refresh rate too high for cable/graphics card; Interference.	Lower refresh rate in display settings; Ensure cables are properly shielded and away from power sources.

Problem	Possible Cause	Solution
Colors appear distorted or washed out	Incorrect color settings; Faulty video cable.	Adjust color settings in OSD; Try a different video cable.
USB ports not working	USB upstream cable not connected or faulty.	Ensure USB Type-B Upstream cable is connected from monitor to computer. Replace cable if necessary.

SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Number	LS27D402GANXGO
Screen Size	27 Inches
Panel Type	IPS
Resolution	1920 x 1080 Pixels (FHD 1080p)
Max Refresh Rate	100Hz
Aspect Ratio	16:9
Connectivity	DisplayPort, 2x HDMI, USB Type-B Upstream, 2x USB Type-A Downstream, Headphone Out
Ergonomics	Height Adjustable, Tilt, Swivel, Pivot
VESA Mount Compatible	Yes (100x100mm)
Dimensions (LxWxH)	8.62 x 24.12 x 21.19 inches (with stand)
Weight	8.82 pounds
Color	Black

WARRANTY AND SUPPORT

1. Warranty Information

This Samsung monitor comes with a **3-year warranty**. Please refer to the warranty card included with your product for detailed terms and conditions, including coverage and limitations. Keep your proof of purchase for warranty claims.

2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Samsung Customer Support. Visit the official Samsung website for the most up-to-date contact information, including phone numbers, chat support, and service center locations.

Online Resources: www.samsung.com/us/support/

