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Samsung LS22D402GANXGO

Samsung 22-inch S40GD Business Monitor User Manual

Model: LS22D402GANXGO

Introduction

The Samsung S4 Business Monitor is designed to deliver smooth performance for various tasks, from work to entertainment. It features an IPS Panel for consistent and accurate color reproduction across the entire display, even from wide viewing angles. The 100Hz refresh rate helps reduce lag and motion blur, providing a fluid visual experience. For user comfort, the monitor includes Eye Saver Mode to minimize blue light and screen flicker during extended use. Gamers can benefit from Game Picture Mode, which optimizes color and contrast settings. The monitor's ergonomic design allows for height adjustment, tilt, swivel, and pivot functionality, maximizing versatility and screen space with its ultra-thin bezels. Multiple connectivity options ensure easy integration with various devices.

What's in the Box

Verify that all components are present in the packaging:

- Samsung 22-inch S40GD Business Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- DisplayPort Cable
- USB Type-B Upstream Cable
- Quick Setup Guide / User Manual (this document)

Setup

1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the stand base. Ensure it clicks securely into place.
3. Align the assembled stand with the mounting area on the back of the monitor. Gently push the monitor onto the stand until it locks.
4. Tighten any securing screws if provided, typically located at the bottom of the stand base or on the monitor's rear mounting plate.



Rear view of the Samsung S40GD monitor with the stand attached, showing the VESA mount compatibility and cable management features.

2. Connecting Cables

Connect the necessary cables to the monitor and your computer:

- **Power Cable:** Connect one end of the power cable to the monitor's power input (8) and the other end to a power outlet.
- **Video Cable:** Connect either the HDMI cable (to HDMI IN 1 or HDMI IN 2) or the DisplayPort cable (to DP IN) from

your computer's video output to the corresponding port on the monitor.

- **USB Upstream Cable:** For USB hub functionality, connect the USB Type-B Upstream cable from your computer's USB port to the monitor's USB Type-B Upstream port (6).
- **Audio (Optional):** If using external speakers or headphones, connect them to the Headphone IN port (7).



Detailed view of the Samsung S40GD monitor's rear ports, including DisplayPort (1), HDMI (2, 3), USB Type-A Downstream (4, 5), USB Type-B Upstream (6), Headphone In (7), and Power (8).

3. Initial Power On

Press the power button on the monitor. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the OSD joystick control.

Unboxing and Assembly Video

This video demonstrates the unboxing process and assembly of the monitor stand, providing a visual guide for initial setup.

Operating Instructions

On-Screen Display (OSD) Navigation

The monitor's settings are controlled via a joystick-style button, typically located on the back or bottom of the monitor. Press the joystick to access the OSD menu, then move it up/down/left/right to navigate and select options.

Key Settings and Modes

- **Input Source:** Select between DisplayPort, HDMI 1, or HDMI 2.
- **Brightness/Contrast:** Adjust these settings to your preference for optimal viewing.
- **Refresh Rate:** The default refresh rate is 60Hz. To enable the 100Hz refresh rate, navigate to the monitor's settings and adjust accordingly.
- **Eye Saver Mode:** Activates a blue light filter and reduces screen flicker for enhanced viewing comfort during long sessions.
- **Game Picture Mode:** Optimizes color and image contrast for gaming, making scenes clearer and potentially revealing hidden details.

Easy on the eyes

Protect your vision and stay comfortable, even during long sessions.
Stay focused on your work with reduced blue light and screen flicker.*



* Image simulated for demonstration purposes.

Comparison of Eye Saver Mode OFF (left) and ON (right), demonstrating reduced blue light and flicker for eye comfort.

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.*



Game picture mode OFF

Game picture mode ON

* Image simulated for demonstration purposes.

Comparison of Game Picture Mode OFF (left) and ON (right), showing enhanced visibility in dark areas for gaming.

Features

- **IPS Panel:** Experience vivid and consistent colors across the entire screen, with less color washing, ensuring clarity from any viewing angle.
- **100Hz Refresh Rate:** Enjoy smooth performance with reduced lag and motion blur, ideal for fast-paced content and gaming.
- **Eye Saver Mode & Flicker-Free:** Protect your vision and maintain comfort during long work sessions by reducing blue light emissions and eliminating screen flicker.
- **Game Picture Mode:** Gain a competitive edge with optimized game settings that allow instant adjustment of color and image contrast for clearer visibility.

- **Ergonomic Design:** The super-slim design includes a height-adjustable screen for optimal viewing angles, tilt, swivel, and the ability to pivot 90 degrees for a vertical view. Ultra-thin bezels maximize screen space.
- **Multiple Connectivity:** Features 2 HDMI ports, 1 DisplayPort, and a USB hub (2x USB 3.0 downstream, 1x USB Type-B upstream) for flexible device connections.

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.



The IPS panel ensures vivid and consistent colors, even when viewed from different angles, making it suitable for collaborative work.

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.

The 100Hz refresh rate provides a smooth visual experience, reducing motion blur in fast-paced content like games.





The ergonomic stand allows the monitor to pivot 90 degrees for a vertical view, enhancing versatility for tasks like coding or document review.

Maintenance

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

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth with water or a specialized screen cleaner. Avoid harsh chemicals, alcohol, or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **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.
- **Avoid Direct Sunlight:** Do not expose the monitor to direct sunlight or excessive heat.

Troubleshooting

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

Problem	Possible Solution
No image on screen	• Check if the power cable is securely connected to both the monitor and the power outlet. • Ensure the video cable (HDMI or DisplayPort) is firmly connected to both the monitor and your computer. • Verify that the correct input source is selected in the monitor's OSD menu. • Restart your computer.
Image is blurry or distorted	• Check the video cable connections. • Adjust the monitor's resolution to its native resolution (1920 x 1080 pixels) through your computer's display settings. • Perform an auto-adjustment or reset picture settings via the OSD menu.
Monitor not turning on	• Confirm the power cable is connected and the power outlet is functional. • Press the power button firmly.
Colors appear incorrect	• Adjust color settings (e.g., color temperature, gamma) in the OSD menu. • Ensure no display modes like Eye Saver Mode are causing unintended color shifts.

If the issue persists after trying these steps, please contact Samsung customer support.

Specifications

Feature	Detail
Brand	Samsung
Model Number	LS22D402GANXGO
Screen Size	22 Inches
Resolution	FHD 1080p (1920 x 1080 Pixels)
Aspect Ratio	16:9
Refresh Rate	100 Hz
Response Time	5 Milliseconds
Display Type	LED (LCD Technology)
Panel Type	IPS Panel
Brightness	250 cd/m²
Contrast Ratio	1000:1
Viewing Angle	178 Degrees
Connectivity	2x HDMI, 1x DisplayPort, 2x USB 3.0 (Downstream), 1x USB Type-B (Upstream), Headphone Out
Adaptive Sync	FreeSync
Additional Features	Anti Glare Screen, Flicker-Free, Height Adjustment, USB Hub, Wall Mountable
Item Dimensions (D x W x H)	8.62"D x 19.29"W x 18.47"H
Item Weight	7.1 Pounds
Color	Black



Dimensional diagram of the Samsung S40GD monitor, illustrating screen width, height with stand, and depth with/without stand.

Warranty and Support

Warranty Information

This Samsung monitor comes with a**3-year manufacturer's limited warranty**, which includes ship-in service. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Samsung Customer Support:

- **Website:** Visit the official Samsung support website for your region.
- **Phone:** Refer to the contact information provided in your product's quick start guide or on the Samsung support website.

When contacting support, please have your monitor's model number (LS22D402GANXGO) and serial number ready.

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