

SAMSUNG LS34C50DGANXZA

SAMSUNG 34-inch ViewFinity S50GC Series Ultrawide QHD Monitor User Manual

Model: LS34C50DGANXZA

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your SAMSUNG 34-inch ViewFinity S50GC Series Ultrawide QHD Monitor. Please read these instructions thoroughly before operating the device and retain them for future reference.

The SAMSUNG ViewFinity S50GC monitor features a 34-inch Ultrawide QHD (3440x1440) display, a 100Hz refresh rate, 5ms response time, HDR10 support, and AMD FreeSync technology. It is designed to enhance productivity and provide a clear viewing experience.



Image 1.1: Front view of the SAMSUNG ViewFinity S50GC monitor.

2. SETUP

2.1 Unpacking and Contents

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

- SAMSUNG 34-inch ViewFinity S50GC Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- Quick Setup Guide

2.2 Stand Assembly

1. Place the monitor face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the monitor's rear panel. Secure it with the provided screws.
3. Attach the stand base to the bottom of the stand neck. Tighten the thumb screw or use a screwdriver as required.
4. Carefully lift the monitor and place it on a stable, flat surface.

2.3 VESA Wall Mount Installation (Optional)

The monitor supports VESA mount standard for wall or desk arm installation. The VESA mount pattern is 100x100mm. Remove the stand neck if it is already attached before installing a VESA mount.



Image 2.1: Rear view of the monitor indicating the VESA mount compatibility.

2.4 Connecting to a Computer

The monitor provides HDMI and DisplayPort inputs. Connect the appropriate cable from your computer's

graphics card to the corresponding port on the monitor.

- **HDMI Connection:** Use the provided HDMI cable to connect your computer to either HDMI IN 1 or HDMI IN 2 port on the monitor.
- **DisplayPort Connection:** Use a DisplayPort cable (not included) to connect your computer to the DP IN port on the monitor.

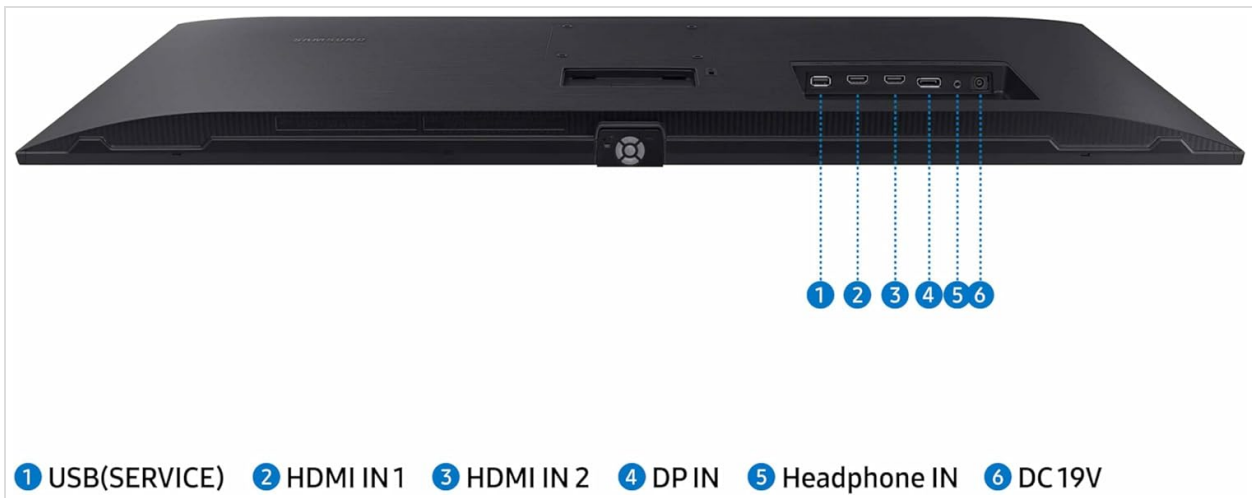


Image 2.2: Labeled input ports on the rear of the monitor.

2.5 Power Connection

Connect the power cable to the DC 19V port on the monitor and then plug the other end into a power outlet.

3. OPERATING THE MONITOR

3.1 Power On/Off

Press the power button, typically located on the bottom center or rear of the monitor, to turn the monitor on or off.

3.2 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Use the joystick button, usually located on the rear of the monitor, to navigate the menu:

- **Press:** Select an option or confirm a setting.
- **Up/Down:** Navigate through menu options.
- **Left/Right:** Adjust values or move between sub-menus.

3.3 Picture Settings

Access the OSD menu to adjust picture quality settings:

- **Brightness:** Adjusts the overall luminance of the screen.
- **Contrast:** Adjusts the difference between light and dark areas.
- **Sharpness:** Enhances the clarity of edges in images.
- **Color Temperature:** Adjusts the warmth or coolness of colors.

- **HDR10:** This monitor supports HDR10, providing a wider range of colors and contrast for compatible content. Ensure HDR is enabled in your operating system settings for optimal performance.

3.4 Refresh Rate and AMD FreeSync

The monitor operates at a 100Hz refresh rate, providing smoother motion compared to standard 60Hz displays. It also supports AMD FreeSync, which synchronizes the monitor's refresh rate with your graphics card's frame rate to reduce screen tearing and stuttering.

- To enable FreeSync, ensure your graphics card supports AMD FreeSync and activate it in your graphics card's control panel.
- Verify FreeSync status in the monitor's OSD menu.



Image 3.1: Comparison of display with and without AMD FreeSync enabled.

3.5 Eye Care Features

The ViewFinity S50GC includes features designed to reduce eye strain:

- **Eye Saver Mode:** Reduces blue light emissions, which can help alleviate eye fatigue during prolonged use.
- **Flicker Free:** Eliminates screen flickering, providing a more comfortable viewing experience.
- **Adaptive Picture:** An ambient light sensor automatically adjusts screen brightness based on the surrounding environment. This feature can be enabled or disabled via the OSD menu.

Make room for more tasks

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

* Image simulated for illustrative purposes.

Image 3.2: Visual representation of the monitor's eye care technologies.

3.6 Multitasking Features (PIP/PBP)

The monitor supports Picture-in-Picture (PIP) and Picture-by-Picture (PBP) modes to display content from multiple sources simultaneously.

- **PBP (Picture-by-Picture):** Displays input from two sources side-by-side at their native resolutions. This is useful for viewing two distinct workspaces.
- **PIP (Picture-in-Picture):** Displays a secondary input source in a smaller window overlaid on the main display. The size and position of the PIP window can be adjusted.

These modes can be configured through the OSD menu under the 'System' or 'PIP/PBP' settings.

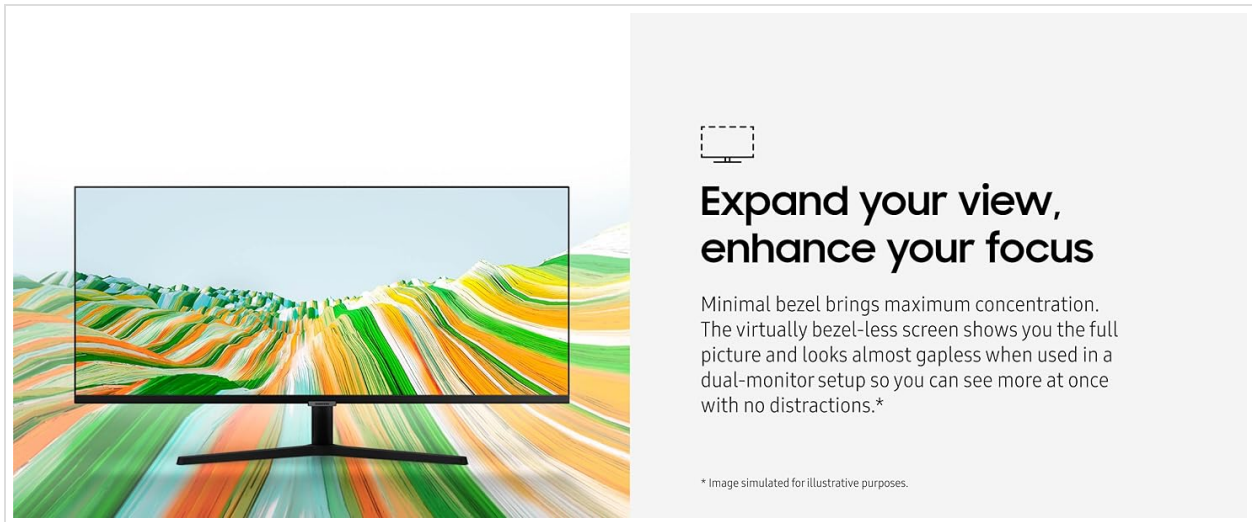


Image 3.3: Example of PBP mode displaying two sources side-by-side.

3.7 Input Selection

To switch between connected input sources (HDMI 1, HDMI 2, DisplayPort), use the OSD menu or a dedicated input selection shortcut on the joystick button.

4. MAINTENANCE

4.1 Cleaning the Monitor

- Always power off the monitor and unplug the power cable before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using abrasive cleaners, alcohol, benzene, or thinners, as these can damage the screen surface.

4.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight, excessive heat, or extreme cold.
- Keep the monitor away from sources of moisture.

5. TROUBLESHOOTING

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

Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected and the monitor is turned on. Check that the video cable (HDMI/DP) is firmly connected to both the monitor and the computer. Select the correct input source via the OSD menu.
Image is flickering or unstable	Check the video cable connection. Ensure the refresh rate is set correctly in your computer's display settings. Disable or enable AMD FreeSync in the OSD menu or graphics card settings to see if it resolves the issue.
Colors appear incorrect	Adjust color settings (brightness, contrast, color temperature) in the OSD menu. Ensure your graphics card drivers are up to date.
Monitor automatically switches inputs	This behavior can sometimes be caused by the 'Auto Source Switch+' feature. Disable this feature in the monitor's OSD menu if you prefer manual input selection.
OSD menu is difficult to navigate	Familiarize yourself with the joystick control. If the button is unresponsive, try restarting the monitor.

If the problem persists after trying these solutions, please contact SAMSUNG customer support.

6. SPECIFICATIONS

Feature	Specification
Model Number	LS34C50DGANXZA
Screen Size	34 Inches
Screen Resolution	3440 x 1440 (Ultra-WQHD)
Aspect Ratio	21:9
Refresh Rate	100Hz
Response Time	5ms (GtG)
Panel Type	VA
HDR Support	HDR10
Adaptive Sync Technology	AMD FreeSync

Feature	Specification
Brightness (Typical)	300 cd/m ²
Static Contrast Ratio	3000:1
Connectivity	2x HDMI, 1x DisplayPort, 1x Headphone Out, 1x USB (Service)
VESA Mount Compatibility	100 x 100 mm
Dimensions (with stand)	8.7 x 32.1 x 18 inches (LxWxH)
Weight (with stand)	10.8 pounds
Color	Black

7. WARRANTY AND SUPPORT

7.1 Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official SAMSUNG website. Warranty terms and conditions may vary by region and product.

7.2 Customer Support

If you require technical assistance, have questions about your product, or need to arrange service, please contact SAMSUNG customer support. You can find contact information and support resources on the official SAMSUNG website:

<https://www.samsung.com/us/support/>

Please have your monitor's model number (LS34C50DGANXZA) and serial number ready when contacting support.