GIGABYTE GS27QA US

GIGABYTE GS27Q Advanced 27-inch QHD 180Hz Gaming Monitor User Manual

Model: GS27QA US

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GIGABYTE GS27Q Advanced 27-inch QHD 180Hz Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package. If any items are missing or damaged, please contact your retailer.

- GIGABYTE GS27Q Advanced Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- DisplayPort Cable
- Quick Start Guide
- Warranty Card

3. SETUP

3.1. Stand Assembly

1. Carefully place the monitor face down on a soft, clean surface to prevent screen damage.
2. Attach the stand neck to the back of the monitor until it clicks into place.
3. Secure the stand base to the neck using the provided screws.

Image: Illustration of the monitor's adjustable stand and VESA 100x100mm mounting points.

3.2. VESA Wall Mount Installation (Optional)

The monitor supports VESA 100x100mm mounting. Remove the stand neck if attached, then secure your VESA-compatible mount to the designated holes on the back of the monitor using appropriate screws (not included).

3.3. Connecting Cables

Connect the necessary cables to the corresponding ports on the monitor and your computer or other devices.

- **Power:** Connect the power cable to the monitor's power input and a wall outlet.
- **Video Input:** Connect either an HDMI cable (HDMI 2.0) or a DisplayPort cable (DisplayPort 1.4) from your computer's graphics card to the monitor.
- **Audio Output:** An earphone jack is available for connecting external audio devices.

Image: Detailed view of the monitor's I/O ports, including the earphone jack, HDMI 2.0, and DisplayPort 1.4.

4. OPERATING THE MONITOR

4.1. Power On/Off

Press the power button, usually located on the back or bottom of the monitor, to turn the display on or off. The power indicator light will illuminate when the monitor is active.

4.2. On-Screen Display (OSD) Navigation

The monitor's settings are adjusted via the On-Screen Display (OSD) menu, typically controlled by a joystick or buttons on the back of the monitor. Navigate the menu to access various display and gaming settings.
The GIGABYTE OSD Sidekick software allows for convenient adjustment of monitor settings using your keyboard and mouse directly from your operating system.
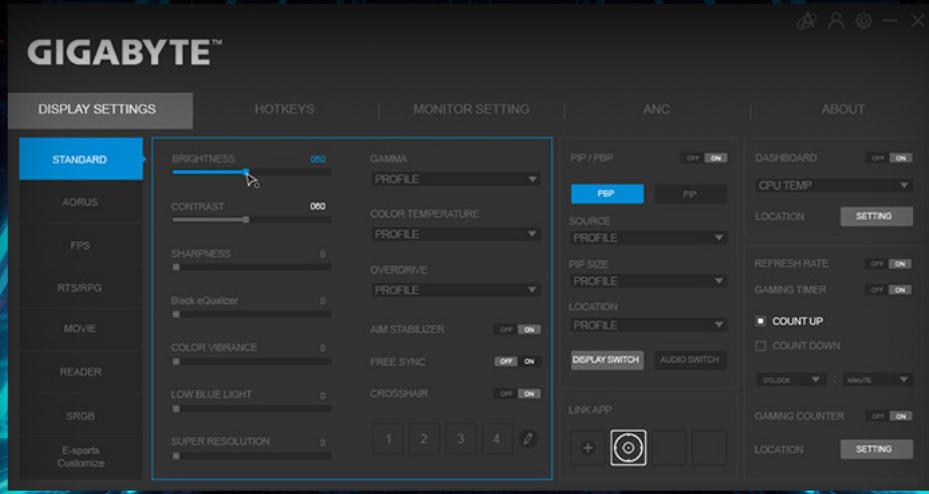
Image: GIGABYTE OSD Sidekick software interface for adjusting monitor settings.

4.3. Display Settings

- **Brightness/Contrast:** Adjust these settings to optimize visual clarity for your environment.
- **Color Temperature:** Select from predefined modes or customize RGB values.
- **HDR:** Enable HDR10 for enhanced color and contrast with compatible content.
- **Picture Mode:** Choose from various preset modes optimized for different content types (e.g., Standard, Game, Movie).

4.4. Gaming Features

- **Refresh Rate (180Hz) & Response Time (1ms MPRT):** The monitor operates at a high refresh rate and low response time for fluid motion clarity.
- **AMD FreeSync:** Enable FreeSync in the OSD and your graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, reducing screen tearing and stuttering.
- **Black Equalizer:** Adjust this feature to enhance visibility in dark areas of the screen without overexposing brighter regions.
- **Game Assist:** Access features like on-screen timers, crosshairs, and a refresh rate counter to aid in gameplay.

Image: Visual demonstration of the Black Equalizer feature, showing how it enhances detail in dark scenes.

Image: AMD FreeSync and HDR Ready logos, highlighting key display technologies.

5. MAINTENANCE

5.1. Cleaning the Monitor

- Always power off the monitor and unplug the power cable before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.

- Do not spray liquid directly onto the screen or monitor casing.
- Avoid using harsh chemicals, solvents, or abrasive materials.

5.2. General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure adequate ventilation around the monitor.
- Do not block ventilation openings.
- Handle the monitor with care to prevent physical damage.

6. TROUBLESHOOTING

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

- **No Power:** Ensure the power cable is securely connected to both the monitor and the power outlet. Verify the outlet is functional.
- **No Signal:** Check that the video cable (HDMI or DisplayPort) is firmly connected to both the monitor and your computer's graphics card. Ensure the correct input source is selected in the monitor's OSD.
- **Flickering/Distorted Image:** Verify that the video cable is not damaged. Try a different cable or port. Ensure your graphics card drivers are up to date. Disable or enable FreeSync to see if it resolves the issue.
- **Incorrect Resolution/Refresh Rate:** Adjust the display settings in your operating system to match the monitor's native resolution (2560x1440) and desired refresh rate (up to 180Hz).
- **Dead Pixels:** While rare, a small number of non-functioning pixels is within industry standards. If you suspect a significant issue, refer to the warranty policy.

For further assistance, consult the GIGABYTE support website or contact customer service.

7. SPECIFICATIONS

Feature	Specification
Brand	GIGABYTE
Model Number	GS27QA US
Screen Size	27 Inches
Panel Type	IPS
Resolution	2560x1440 (QHD)
Refresh Rate	180Hz
Response Time	1ms MPRT
Aspect Ratio	16:9
Contrast Ratio	1000:1
Color Gamut	100% sRGB
Color Depth	8-bit
HDR Support	HDR10

Adaptive Sync	AMD FreeSync
Connectivity	HDMI 2.0, DisplayPort 1.4, Earphone Jack
VESA Mount	100x100mm
Dimensions (LxWxH)	6.77 x 24.37 x 17.59 inches
Weight	11.59 pounds
Color	Black
Voltage	240 Volts (AC)

## 8. WARRANTY AND SUPPORT

8.1. Warranty Information

This GIGABYTE monitor comes with a **3-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external factors.
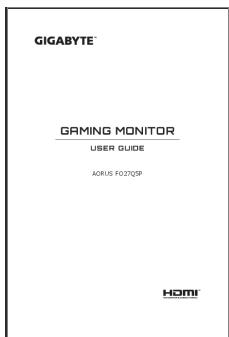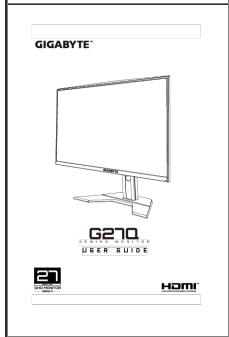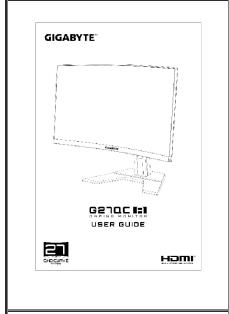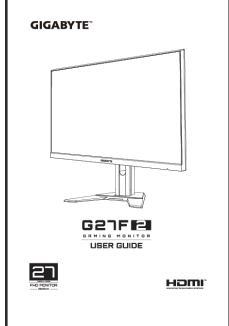
8.2. Customer Support

For technical support, warranty service, or additional product information, please visit the official GIGABYTE website or contact their customer service department. Refer to the contact information provided in your warranty card or on the GIGABYTE support portal.

Related Documents - GS27QA US

GIGABYTE GAMING MONITOR USER GUIDE G34WQCP HDMI	[GIGABYTE G34WQCP Gaming Monitor User Guide - Setup, Features, and Specifications](#) Comprehensive user guide for the GIGABYTE G34WQCP 34-inch gaming monitor. Learn about setup, features, operations, troubleshooting, specifications, and safety information.
GIGABYTE G27QC GAMING MONITOR USER GUIDE 21 CURVA HDMI	[GIGABYTE G27QC 27-inch QHD Curved Gaming Monitor User Guide](#) Official user guide for the GIGABYTE G27QC 27-inch QHD curved gaming monitor. Learn about setup, features, operations, safety precautions, and specifications for an immersive gaming experience.

	[GIGABYTE AORUS FO27Q5P Gaming Monitor User Guide](#) Comprehensive user guide for the GIGABYTE AORUS FO27Q5P gaming monitor, covering setup, features, operations, specifications, troubleshooting, and safety information.
	[GIGABYTE G27Q Gaming Monitor User Guide](#) Comprehensive user guide for the GIGABYTE G27Q 27-inch QHD gaming monitor, covering setup, operations, specifications, and troubleshooting.
	[GIGABYTE G27QC A Monitor Gamer - Guia do Usuário](#) Guia completo do usuário para o monitor gamer GIGABYTE G27QC A, cobrindo instalação, operações, configurações e especificações técnicas. Descubra como otimizar sua experiência de jogo.
	[GIGABYTE G27F 2 Gaming Monitor User Guide](#) This user guide provides comprehensive instructions for setting up, operating, and maintaining the GIGABYTE G27F 2 gaming monitor. It includes safety information, troubleshooting tips, and detailed specifications for optimal performance.