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GIGABYTE G32QC A EK

GIGABYTE G32QC A Gaming Monitor User Manual

Model: G32QC A EK

Brand: GIGABYTE

1. Introduction

The GIGABYTE G32QC A is a 31.5-inch QHD (2560 x 1440) curved gaming monitor designed to deliver an immersive visual experience. Featuring a 1500R VA panel, it offers a high 165Hz refresh rate and a rapid 1ms response time, ensuring smooth and responsive gameplay. This monitor also supports AMD FreeSync Premium Pro and VESA DisplayHDR400 for enhanced visual fidelity and tear-free gaming.



Image: Front view of the GIGABYTE G32QC A curved gaming monitor, showcasing its 31.5-inch display and sleek design.

2. Package Contents

Please verify that all items listed below are included in your package:

- GIGABYTE G32QC A Monitor
- Monitor Stand
- DisplayPort Cable
- HDMI Cable
- USB Cable
- Power Cable
- User Manual (this document)

3. Setup

3.1 Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, securing it with the provided screw.
3. Align the assembled stand with the mounting points on the back of the monitor.
4. Gently push the stand into place until it clicks securely. Ensure it is firmly attached before proceeding.



Image: Side view of the GIGABYTE G32QC A monitor, illustrating the attached stand and its profile.

3.2 Connecting to Your Device

The GIGABYTE G32QC A monitor offers multiple connectivity options. Identify the appropriate ports on your monitor and computer/device.



Image: Detailed view of the monitor's rear input panel, showing HDMI, DisplayPort, USB 3.0, and audio ports.

- **DisplayPort Connection:** For optimal performance, including 165Hz refresh rate and FreeSync Premium Pro, connect the provided DisplayPort cable from your graphics card to the monitor's DisplayPort input.
- **HDMI Connection:** Use an HDMI cable to connect your device to one of the monitor's HDMI inputs (HDMI-1 or HDMI-2). Note that HDMI 2.0 supports up to 144Hz at QHD resolution.
- **USB Hub:** Connect the USB upstream cable (USB 3.0 Type-B to Type-A) from the monitor to your computer to enable the monitor's USB 3.0 downstream ports for peripherals.
- **Audio Output:** Connect headphones or external speakers to the 3.5mm audio jack for audio output from the monitor.
- **Power Connection:** Connect the power cable to the monitor's power input and then to a wall outlet.

Once all cables are connected, press the power button on the monitor to turn it on.

4. Operating Instructions

4.1 On-Screen Display (OSD) Navigation

The monitor features a joystick control located on the back or bottom right for navigating the OSD menu. Press the joystick to open the OSD, then move it up/down/left/right to select and adjust settings.

4.2 Display Settings

- **Brightness/Contrast:** Adjust these settings to suit your viewing environment.
- **Color Temperature:** Select from predefined modes or customize RGB values.
- **Picture Mode:** Choose from various preset modes optimized for different content (e.g., Standard, Gaming, Movie, sRGB).
- **Refresh Rate:** The monitor supports up to 165Hz. Ensure your graphics card and cable support this refresh rate and configure it in your operating system's display settings.
- **Response Time:** Adjust the overdrive setting to optimize pixel response time. The monitor offers 1ms MPRT (Moving Picture Response Time).
- **AMD FreeSync Premium Pro:** Enable this feature in the OSD and your graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.
- **VESA DisplayHDR400:** Enable HDR in your operating system settings for compatible content.



Image: Visual comparison demonstrating the smoothness of 165Hz refresh rate versus 60Hz.



Image: Visual comparison illustrating the difference between 1ms and 4ms response times in fast-paced scenes.

4.3 Gaming Features

The GIGABYTE G32QC A includes several features to enhance your gaming experience:

- **AIM Stabilizer Sync:** Reduces motion blur in fast-paced games.

- **Black Equalizer:** Enhances visibility in dark areas without overexposing bright areas.
- **Crosshair:** Provides an on-screen crosshair for improved aiming accuracy.
- **Timer:** Displays a customizable timer on the screen.



Image: Icons representing the monitor's gaming-specific features: AIM Stabilizer Sync, Black Equalizer, Crosshair, and Timer.

5. Maintenance

5.1 Cleaning the Monitor

- Always power off the monitor and unplug it from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as they can damage the screen or casing.

5.2 Storage

When storing the monitor for an extended period, ensure it is clean, dry, and stored in a cool, well-ventilated area. It is recommended to use the original packaging for protection during storage or transport.

6. Troubleshooting

Problem	Possible Cause	Solution
No Power	Power cable not connected or power outlet issue.	Ensure the power cable is securely connected to both the monitor and a working power outlet. Check the power indicator light.
No Signal / Blank Screen	Incorrect input source selected or video cable not connected.	Verify the video cable (DisplayPort/HDMI) is securely connected to both the monitor and your device. Use the OSD to select the correct input source. Ensure your device is powered on and outputting a signal.
Image Flickering / Distortion	Cable issue, refresh rate mismatch, or graphics driver problem.	Try a different video cable. Update your graphics card drivers. Ensure the refresh rate set in your operating system matches the monitor's capabilities. Disable FreeSync temporarily to check if it resolves the issue.

Problem	Possible Cause	Solution
Ghosting / Motion Blur	Overdrive setting too high or panel characteristics.	Adjust the 'Overdrive' or 'Response Time' setting in the OSD to a lower level. While VA panels can exhibit some ghosting, optimizing this setting can minimize it.
Colors are Washed Out / Incorrect HDR	HDR not properly configured or content not HDR-compatible.	Ensure HDR is enabled in both the monitor's OSD and your operating system's display settings. Verify that the content you are viewing is HDR-enabled. Some applications or games may require specific HDR settings.

7. Specifications

Detailed technical specifications for the GIGABYTE G32QC A monitor:

Feature	Detail
Model Number	G32QC A EK
Screen Size	31.5 Inches
Panel Type	VA (Vertical Alignment)
Curvature	1500R
Resolution	2560 x 1440 (QHD)
Aspect Ratio	16:9
Refresh Rate	165 Hz
Response Time	1 ms (MPRT)
Brightness	350 cd/m² (typical)
Contrast Ratio	3000:1 (typical)
Color Gamut	93% DCI-P3 / 121% sRGB
HDR Support	VESA DisplayHDR400
Adaptive Sync	AMD FreeSync Premium Pro
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.2, 2x USB 3.0 (downstream), 1x USB 2.0 (upstream), 1x 3.5mm Audio Jack
Ergonomics	Height Adjustment, Tilt Adjustment
Dimensions (L x W x H)	9.2 x 28 x 21.7 cm (approx. with stand)
Weight	7800 Grams (approx.)

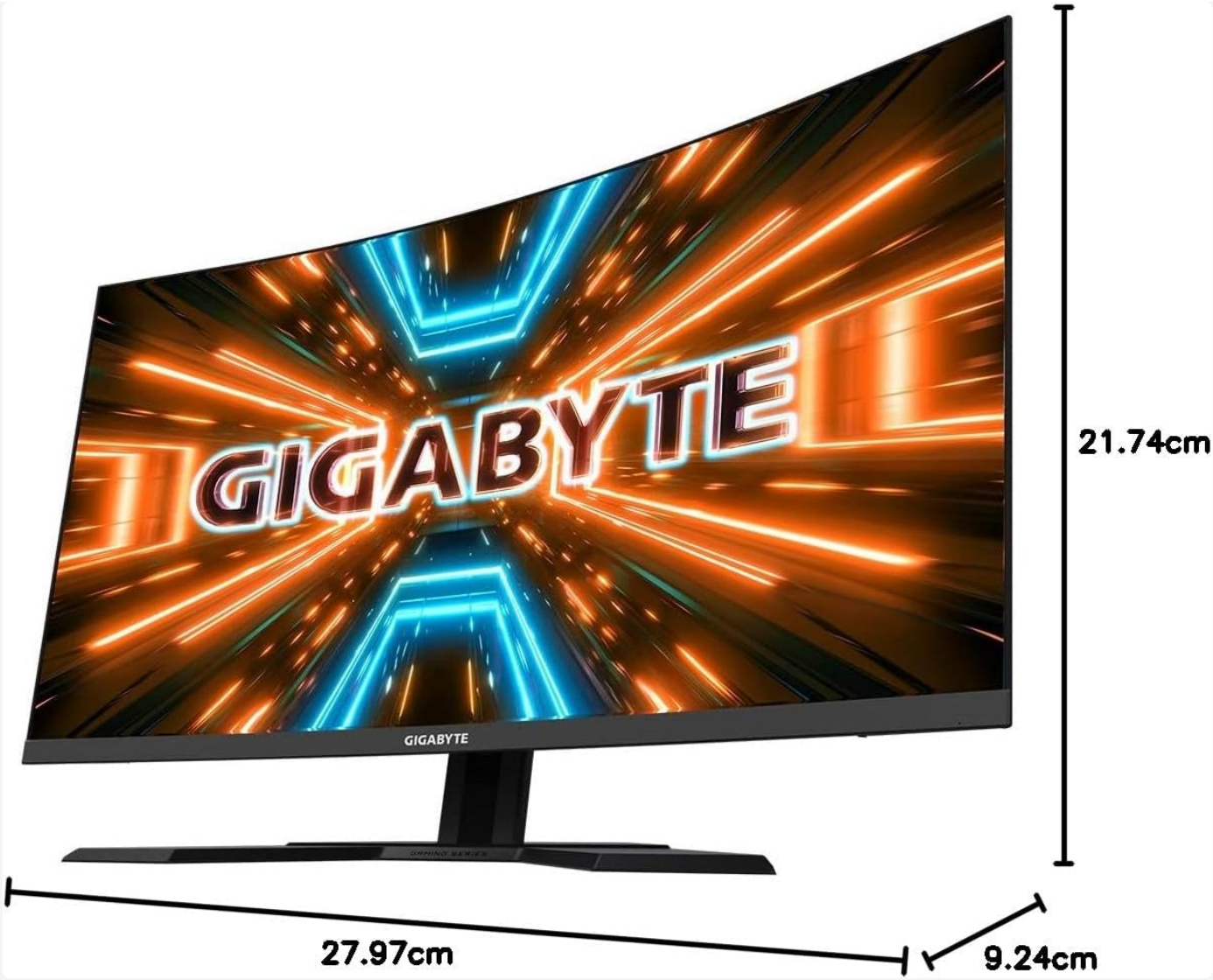


Image: Diagram illustrating the approximate dimensions of the GIGABYTE G32QC A monitor.

8. Warranty and Support

8.1 Manufacturer's Warranty

The GIGABYTE G32QC A monitor comes with a manufacturer's warranty of**3 years**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or visit the official GIGABYTE website.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact GIGABYTE customer support. You can find contact information and additional resources on the official GIGABYTE website: www.gigabyte.com

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