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> GIGABYTE MO34WQC2 34-inch QD-OLED Curved Gaming Monitor User Manual

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Model: MO34WQC2

INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your GIGABYTE MO34WQC2 34-inch QD-OLED Curved Gaming Monitor. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance.

The GIGABYTE MO34WQC2 monitor features a 34-inch curved QD-OLED display, offering a 0.03ms GTG response time and a 240 Hz refresh rate for smooth visual experiences. It includes Type-C KVM functionality, allowing seamless switching between multiple devices.

Key Features:

- **3rd Gen QD-OLED Panel:** Delivers high image quality and gaming performance.
- **GIGABYTE OLED Care:** AI-based algorithm to minimize burn-in risks with adjustable settings.
- **240Hz Refresh Rate & 0.03ms Response Time:** Ensures ultra-smooth motion clarity and responsiveness.
- **Life-Like Colors:** Features 1.5M:1 contrast ratio, 99% DCI-P3 color gamut, and 10-bit color depth.
- **VESA DisplayHDR True Black 400 & ClearMR 13000:** Provides realistic contrast and top-tier motion clarity.
- **AMD FreeSync Premium Pro:** Reduces screen tearing and stuttering, especially in HDR content.
- **Tactical Features:** Includes Game Assist (timer, crosshairs, PIP/PBP), Black Equalizer 2.0, and Dashboard for enhanced gameplay.
- **3-Year Warranty:** Covers panel burn-in (terms may vary by region).

SETUP INSTRUCTIONS

1. Unpacking and Assembly

Carefully remove the monitor and all components from the packaging. Place the monitor face down on a soft, clean surface to prevent scratches.



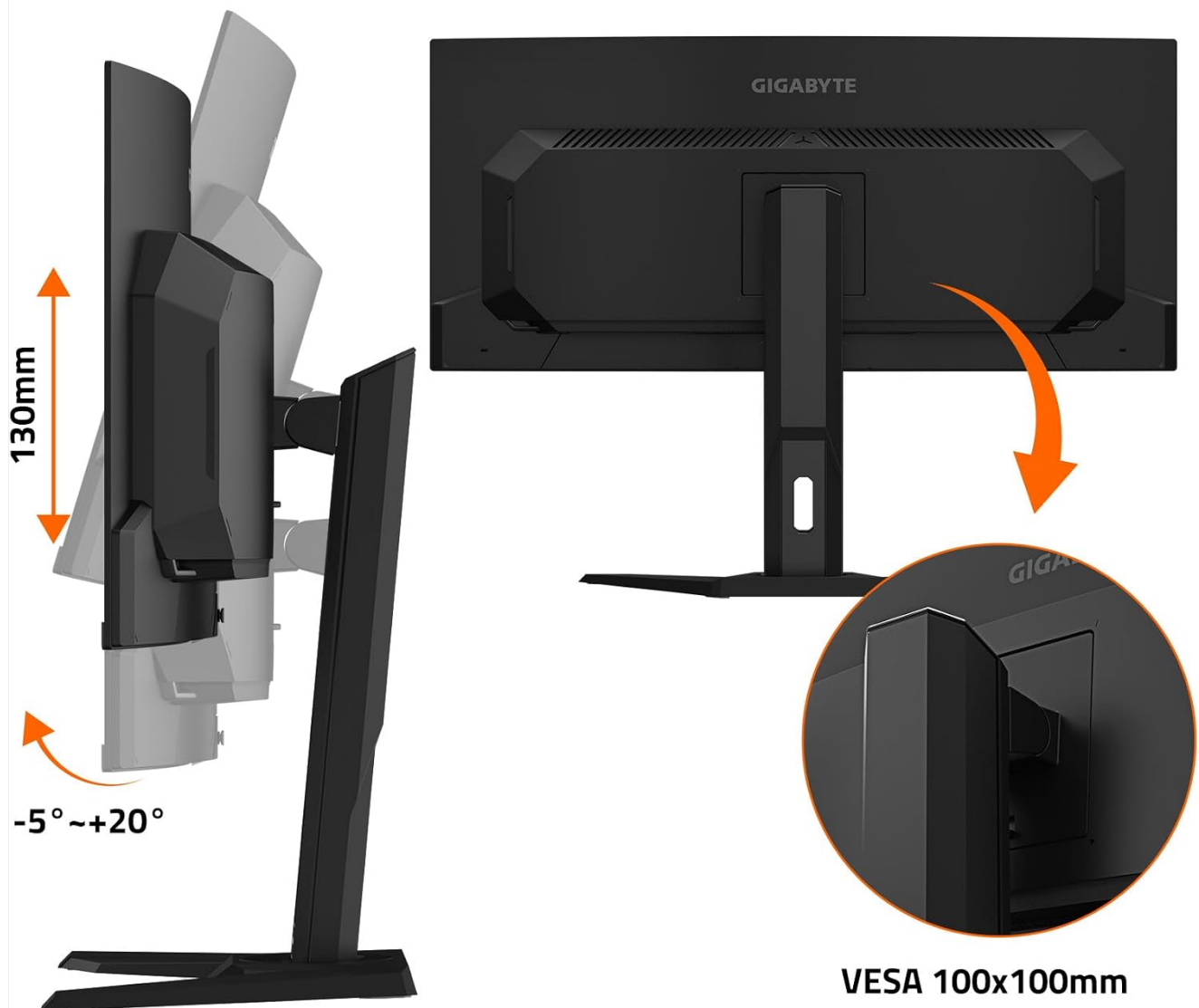
This image shows the GIGABYTE MO34WQC2 monitor with its stand, viewed from the front. The monitor is curved and displays a vibrant, colorful image.

Attaching the 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 and tighten the screw at the bottom of the base.

Alternatively, the monitor supports VESA 100x100mm wall mounts. Refer to the image below for VESA mounting points.

Adjustable Stand & VESA Wall Mount



This image illustrates the adjustable stand of the GIGABYTE MO34WQC2 monitor, showing its tilt range (-5° to $+20^{\circ}$) and height adjustment (130mm). A close-up inset highlights the VESA 100x100mm mounting area on the back of the monitor.

2. Connecting Cables

Connect the necessary cables to the monitor's I/O ports. Ensure all connections are firm.

Type-C KVM

Switch between devices with 1 button



This diagram shows the input/output ports on the back of the GIGABYTE MO34WQC2 monitor. Ports include HDMI 2.1 (in), DP 1.4 (in), USB Type-C (DP Alt), Mic, Headphone, USB 3.2 (Upstream), and USB 3.2 (Downstream).

- **Power Cable:** Connect the power cable to the monitor and a power outlet.
- **Video Input:** Connect your PC or gaming console using an HDMI 2.1, DisplayPort 1.4, or USB Type-C cable.
- **USB Upstream:** For KVM functionality and USB hub use, connect a USB 3.2 Upstream cable from your PC to the monitor.
- **Audio:** Connect headphones or external speakers to the Headphone jack if desired.

OPERATING INSTRUCTIONS

1. Power On/Off

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

2. On-Screen Display (OSD) Navigation

The monitor features a joystick control for navigating the OSD menu. This joystick is typically located on the back of

the monitor.

- **Press:** Enter OSD menu / Confirm selection.
- **Up/Down:** Navigate menu options.
- **Left/Right:** Adjust settings / Navigate sub-menus.

3. KVM Functionality

The built-in KVM (Keyboard, Video, Mouse) switch allows you to control multiple devices (e.g., a desktop PC and a laptop) with a single keyboard and mouse connected to the monitor. To use KVM, ensure both devices are connected to the monitor via video input (HDMI/DP/USB-C) and the USB Upstream cable from the primary device.



This image shows the GIGABYTE MO34WQC2 monitor connected to a desktop PC via HDMI/DP and a laptop via USB Type-C, illustrating how the Type-C KVM feature allows switching between devices with a single button press.

Switch between connected devices using the dedicated KVM button or through the OSD menu.

4. Display Settings

Access the OSD menu to adjust various display settings:

- **Picture:** Brightness, Contrast, Sharpness, Color Temperature.
- **Color:** Gamma, Hue, Saturation.
- **Gaming:** Overdrive, FreeSync Premium Pro, Black Equalizer 2.0, Crosshair, Timer.
- **Input:** Select input source (HDMI, DisplayPort, USB-C).
- **System:** Language, OSD Timeout, Power LED.

5. GIGABYTE OLED Care

The monitor includes AI-based OLED Care features to prevent burn-in. These settings can be accessed and

adjusted via the OSD menu. It is recommended to keep these features enabled for optimal panel longevity.

MAINTENANCE

1. Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, solvents, or abrasive materials.

2. OLED Panel Care

To prolong the life of your QD-OLED panel and minimize the risk of burn-in, utilize the GIGABYTE OLED Care features available in the OSD menu. These features include pixel shift, static image detection, and pixel refresh cycles. Regular use of these functions is recommended.

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 powered on. Verify the video input cable (HDMI, DP, USB-C) is properly connected to both the monitor and the source device. Select the correct input source via the OSD menu.
Image flickering or distortion	Check video cable connections. Ensure the graphics card drivers are up to date. Try a different video cable or port. Disable or adjust FreeSync Premium Pro settings in the OSD if experiencing issues.
Colors appear incorrect	Adjust color settings (brightness, contrast, color temperature) in the OSD menu. Ensure HDR is correctly configured on your source device and monitor.
Burn-in or image retention	Utilize the GIGABYTE OLED Care features in the OSD menu, such as Pixel Refresh or Static Image Detection, to mitigate these issues. Avoid displaying static images for extended periods.
KVM not switching devices	Ensure the USB Upstream cable is connected from the primary device to the monitor. Verify all video inputs are correctly connected. Check KVM settings in the OSD menu.

SPECIFICATIONS

Feature	Detail
Brand	GIGABYTE
Model Number	MO34WQC2-SA

Feature	Detail
Screen Size	34 Inches
Resolution	WQHD 3440 x 1440
Aspect Ratio	21:9
Display Type	QD-OLED
Refresh Rate	240 Hz
Response Time	0.03 Milliseconds (GtG)
Contrast Ratio	1,500,000:1
Color Gamut	99% DCI-P3
HDR Support	VESA DisplayHDR True Black 400
Adaptive Sync	AMD FreeSync Premium Pro
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4, 1x USB Type-C (DP Alt Mode), 2x USB 3.2 (Downstream), 1x USB 3.2 (Upstream), Headphone Jack
Adjustments	Height, Tilt
VESA Mount	100x100mm
Dimensions (W x D x H)	31.96" x 9.65" x 23.42" (with stand)
Weight	21.7 Pounds



This image provides a diagram of the GIGABYTE MO34WQC2 monitor's dimensions, showing a width of 31.96 inches, a depth of 9.65 inches, and a height of 23.42 inches (including the stand).

WARRANTY AND SUPPORT

Warranty Information

Your GIGABYTE MO34WQC2 monitor comes with an extended 3-year manufacturer warranty. This warranty includes coverage for panel burn-in, supported by the AI-based GIGABYTE OLED Care protection. Please note that warranty terms may vary by region.

Customer Support

For technical assistance, warranty claims, or further inquiries, please visit the official GIGABYTE support website or contact their customer service department. Refer to the product packaging or GIGABYTE's official website for specific contact details and support resources in your region.