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Great voell Q240B1B

Great voell 24 Inch Curved Monitor

Model: Q240B1B

Introduction

This manual provides essential information for setting up, operating, and maintaining your Great voell 24 Inch Curved Monitor (Model Q240B1B). This 24-inch curved monitor features a 3000R deep curvature, Full HD 1080P resolution, a 100Hz refresh rate, and AMD FreeSync technology for a smooth visual experience. It incorporates a high-quality VA panel with 98% sRGB color gamut and HDR10 support, delivering vivid colors and clear details. Designed for user comfort, it includes blue light filtering and flicker-free technology. The monitor offers versatile connectivity with HDMI and VGA inputs and supports 75x75mm VESA mounting.



Figure 1: Overview of the Great voell 24 Inch Curved Monitor and its key features.

What's in the Box

Please check the package contents to ensure all items are present:

- Great voell 24 Inch Curved Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable
- User Manual

Setup

1. Physical Assembly

Attaching the Stand:

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting points.
3. Secure the stand base to the neck using the provided screws.

VESA Mounting (Optional):
The monitor supports 75x75mm VESA mounting for use with compatible monitor arms or wall mounts. Remove the stand if already attached, then secure the VESA mount to the designated holes on the back of the monitor.

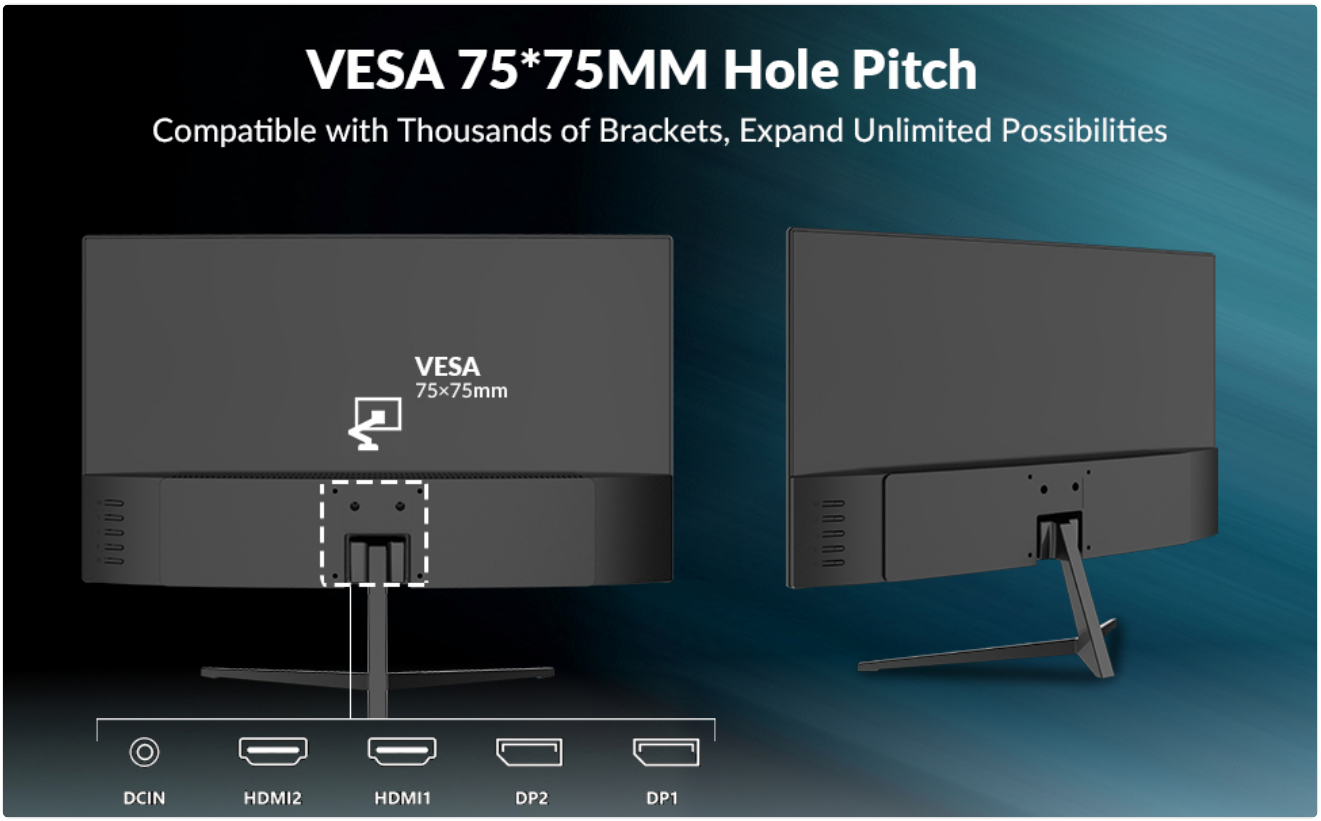


Figure 2: Rear view of the monitor highlighting VESA mounting points and input ports.

2. Connecting the Monitor

Power Connection:

1. Connect the power adapter to the DC IN port on the monitor.
2. Plug the power cable into a wall outlet.

Video Connection:
Connect the monitor to your computer or device using one of the following cables:

- **HDMI:** Use the provided HDMI cable to connect your device's HDMI output to one of the HDMI ports on the monitor.
- **VGA:** Use a VGA cable (not included) to connect your device's VGA output to the VGA port on the monitor.

Operating Instructions

1. Powering On/Off

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

2. Basic Display Settings

Use the OSD (On-Screen Display) menu buttons, typically located on the back or bottom of the monitor, to adjust settings such as brightness, contrast, color temperature, and input source. Refer to the full user manual for detailed OSD navigation.

3. Refresh Rate and FreeSync

This monitor supports a 100Hz refresh rate and AMD FreeSync technology. To enable these features:

- Ensure your graphics card supports AMD FreeSync.
- Connect the monitor using an HDMI cable.
- Enable FreeSync in your graphics card's control panel and in the monitor's OSD settings.

A 100Hz refresh rate provides smoother motion, reducing blur and ghosting, especially in fast-paced content. FreeSync synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.



Figure 3: Visual representation of 100Hz refresh rate benefits.

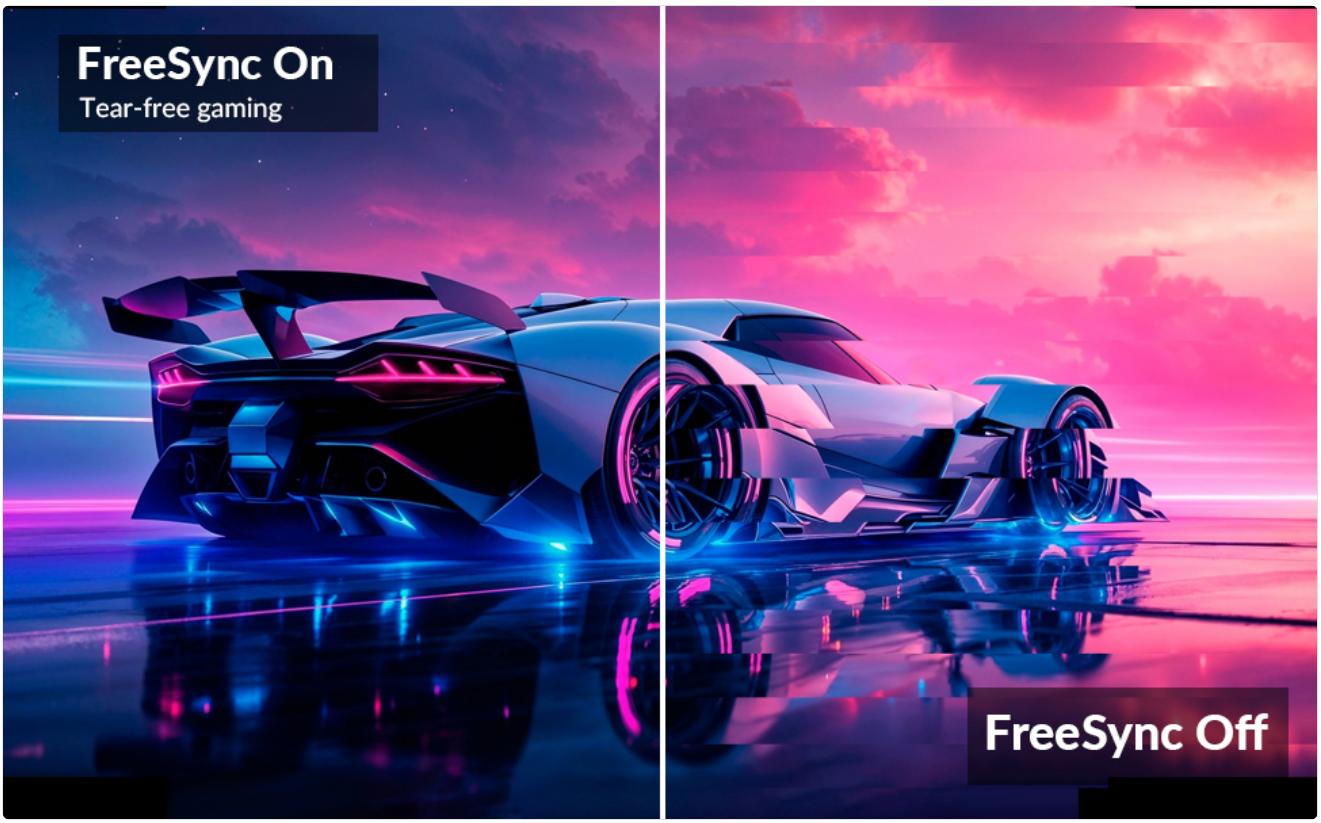


Figure 4: Demonstration of FreeSync technology reducing screen tearing.

4. Eye Care Features

The monitor is equipped with hardware and software optimizations to filter harmful blue light and minimize flicker, providing reliable comfort for prolonged use. These settings can typically be adjusted through the OSD menu.

5. Vivid Visuals

The VA panel, 98% sRGB color gamut, 4000:1 static contrast ratio, and HDR10 support ensure true-to-life colors and deep dark levels for an enhanced viewing experience.



Figure 5: Display showcasing vivid color rendering.

Maintenance

1. Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner. Avoid using harsh chemicals or spraying liquid directly onto the screen.

2. General Care

Keep the monitor in a cool, dry environment. Avoid exposing it to direct sunlight, extreme temperatures, or high humidity. Do not block the ventilation openings on the back of the monitor.

Troubleshooting

Common Issues and Solutions:

- **No Signal / Blank Screen:**
  - Ensure the power cable is securely connected to both the monitor and the power outlet.
  - Verify that the video cable (HDMI/VGA) is firmly connected to both the monitor and your computer/device.
  - Check if the correct input source is selected in the monitor's OSD menu.
  - Restart your computer/device.
- **Screen Tearing or Stuttering:**
  - Ensure AMD FreeSync is enabled in both your graphics card settings and the monitor's OSD menu.
  - Verify that your graphics card drivers are up to date.
- **Red Ghosting/Trailing (at 100Hz):**
  - Some users may experience minor ghosting at higher refresh rates. Try adjusting the monitor's overdrive or response time settings in the OSD menu to find an optimal balance.
  - Ensure your video cable is of high quality and properly connected.
- **No Audio Output:**
  - This monitor does not feature built-in speakers or an audio jack. Audio must be routed through your computer's sound card or external speakers.
- **Power Source Failure:**
  - If the monitor does not power on, check the power adapter and cable for any damage.
  - Try plugging the monitor into a different power outlet.
  - If the issue persists, contact customer support.

Specifications

Feature	Specification
Model Number	Q240B1B

Screen Size	23.99 Inches
Resolution	1920 x 1080 (FHD 1080p)
Refresh Rate	100Hz
Aspect Ratio	16:9
Panel Type	VA
Curvature	3000R
Color Gamut	98% sRGB
Contrast Ratio	4000:1 (Static)
Brightness	250 cd/m²
HDR Support	HDR10
Adaptive Sync	AMD FreeSync
Inputs	HDMI, VGA
VESA Mounting	75 x 75mm
Product Dimensions	6.6 x 16.3 x 21 inches
Item Weight	7.28 pounds

Warranty Information

Great voell products are manufactured to high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions may vary by region. For detailed warranty information, please refer to the warranty card included with your product or contact customer support.

Support

For technical assistance, troubleshooting, or product inquiries, please visit the official Great voell website or contact our customer support team. Please have your product model number (Q240B1B) and purchase information ready when contacting support.

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