Great voell Q34DB45

Great voell 34 Inch Curved Gaming Monitor Q34DB45 User Manual

Model: Q34DB45

Introduction Safety Contents Setup Operating Maintenance Troubleshooting Specifications Warranty Support

1. Introduction

Thank you for choosing the Great voell 34 Inch Curved Gaming Monitor, Model Q34DB45. This monitor is designed to provide an immersive visual experience with its UWQHD resolution, high refresh rate, and curved display. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your monitor. Please read it thoroughly before use and retain it for future reference.



Image 1.1: Overview of the Great voell 34-inch Curved Gaming Monitor highlighting key features.

2. Safety Information

Observe the following safety precautions to ensure safe operation and prolong the life of your monitor:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all items are present in the package:

- Great voell 34 Inch Curved Gaming Monitor
- Monitor Stand / Arm
- Power Adapter
- HDMI Cable
- DisplayPort Cable
- User Manual

4. Setup

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface.
2. Attach the stand neck to the monitor panel.
3. Secure the stand base to the stand neck using the provided screws.
4. Ensure all connections are firm before placing the monitor upright.



Image 4.1: Rear view of the monitor illustrating the stand attachment area.

4.2 Connecting to a Device

Connect your monitor to a computer or other video source using the appropriate cables.

1. **Power Connection:** Connect the power adapter to the monitor's DC input port, then plug the adapter into a power outlet.
2. **Video Connection:** Choose one of the following options:
    - **HDMI:** Connect an HDMI cable from your device's HDMI output to one of the monitor's HDMI ports (HDMI 1 or HDMI 2). HDMI 1 supports up to 100Hz, HDMI 2 supports up to 100Hz.
    - **DisplayPort:** Connect a DisplayPort cable from your device's DisplayPort output to one of the monitor's DP ports (DP 1 or DP 2). DP 1 supports up to 165Hz, DP 2 supports up to 165Hz.
3. **Audio Output:** If desired, connect external speakers or headphones to the Audio Out port.

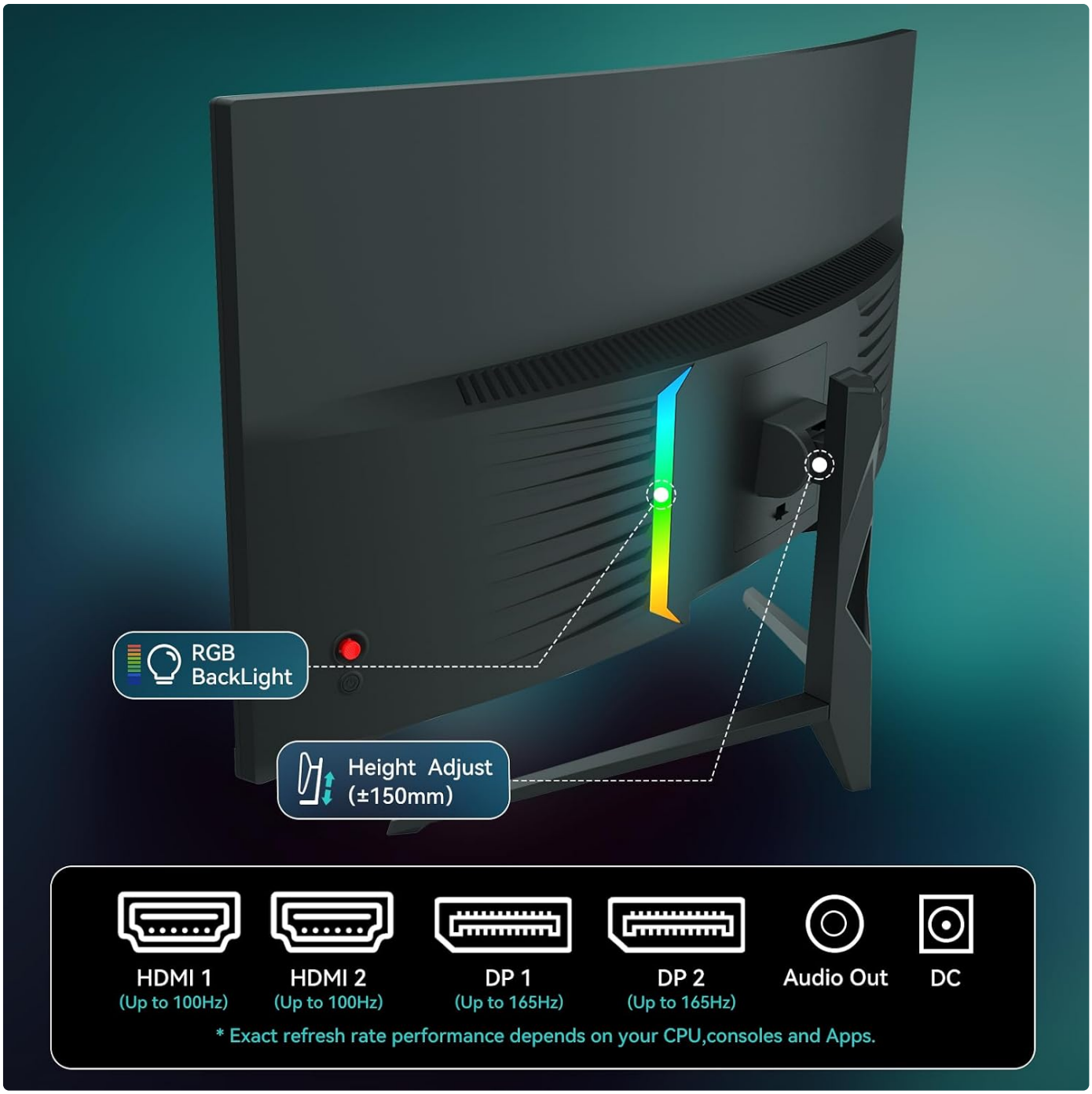


Image 4.2: Detailed view of the monitor's connectivity ports, including HDMI, DisplayPort, Audio Out, and DC power input.

5. Operating Instructions

5.1 Power On/Off

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

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Typically, buttons on the back or bottom of the monitor are used to navigate the OSD. Common adjustments include:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature.
- **Input Source:** Select between HDMI 1, HDMI 2, DP 1, or DP 2.

- **Audio Settings:** Volume control for the Audio Out port.
- **Gaming Features:** FreeSync, Response Time, Crosshair, Black Level, Timer, Preset Game Modes.

5.3 Key Features

This monitor offers several features to enhance your viewing and gaming experience:

- **UWQHD 3440x1440 Resolution:** Provides a wide and detailed display for productivity and immersive gaming.
- **165Hz Refresh Rate:** Delivers smooth motion and reduced input lag, crucial for fast-paced gaming.

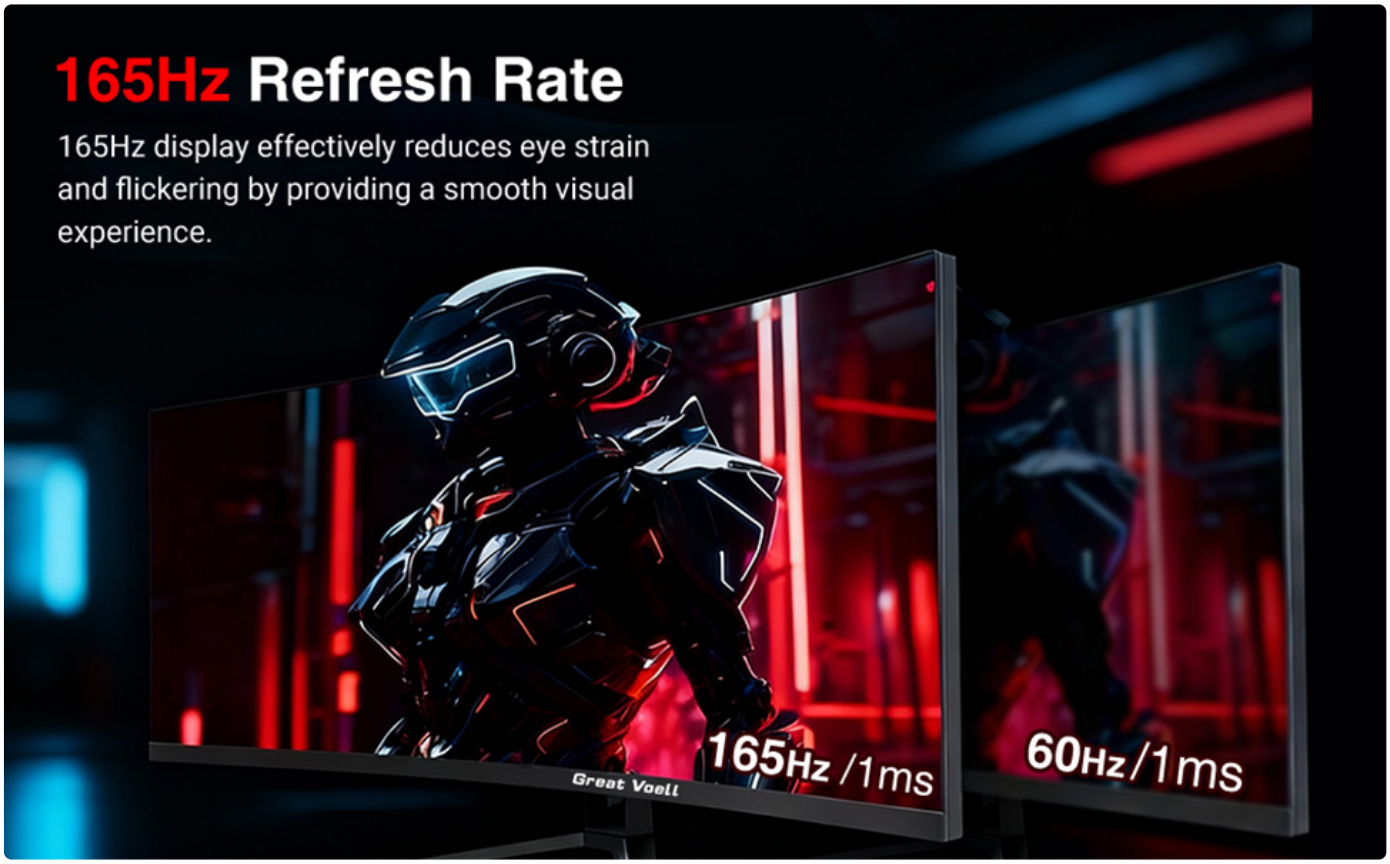


Image 5.1: Visual representation of the smoothness provided by a 165Hz refresh rate compared to 60Hz.

- **1ms Response Time:** Minimizes ghosting and motion blur for clear, crisp visuals during rapid action.
- **1500R Curved Display:** The curvature matches the natural field of view, enhancing immersion and reducing eye strain.



Image 5.2: The 1500R curvature provides an immersive viewing experience.

- **AMD FreeSync:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.



Image 5.3: Visual demonstration of AMD FreeSync technology reducing screen tearing.

- **Eye Care Technology:** Features like flicker-free backlight and a blue light filter help reduce eye strain during prolonged use.



Image 5.4: The monitor's eye-protected features provide extended comfort.

- **Gaming Modes:** Optimize display settings for different game genres. Features include:
  - **Black Level:** Adjusts shadow details to reveal hidden objects in dark areas.
  - **Pinpoint Strike (Crosshair):** Provides an on-screen crosshair for improved aiming accuracy.
  - **Timer:** Displays an on-screen timer for tracking in-game events.
  - **Preset Game Modes:** Pre-configured settings for FPS, RTS, and Racing games.

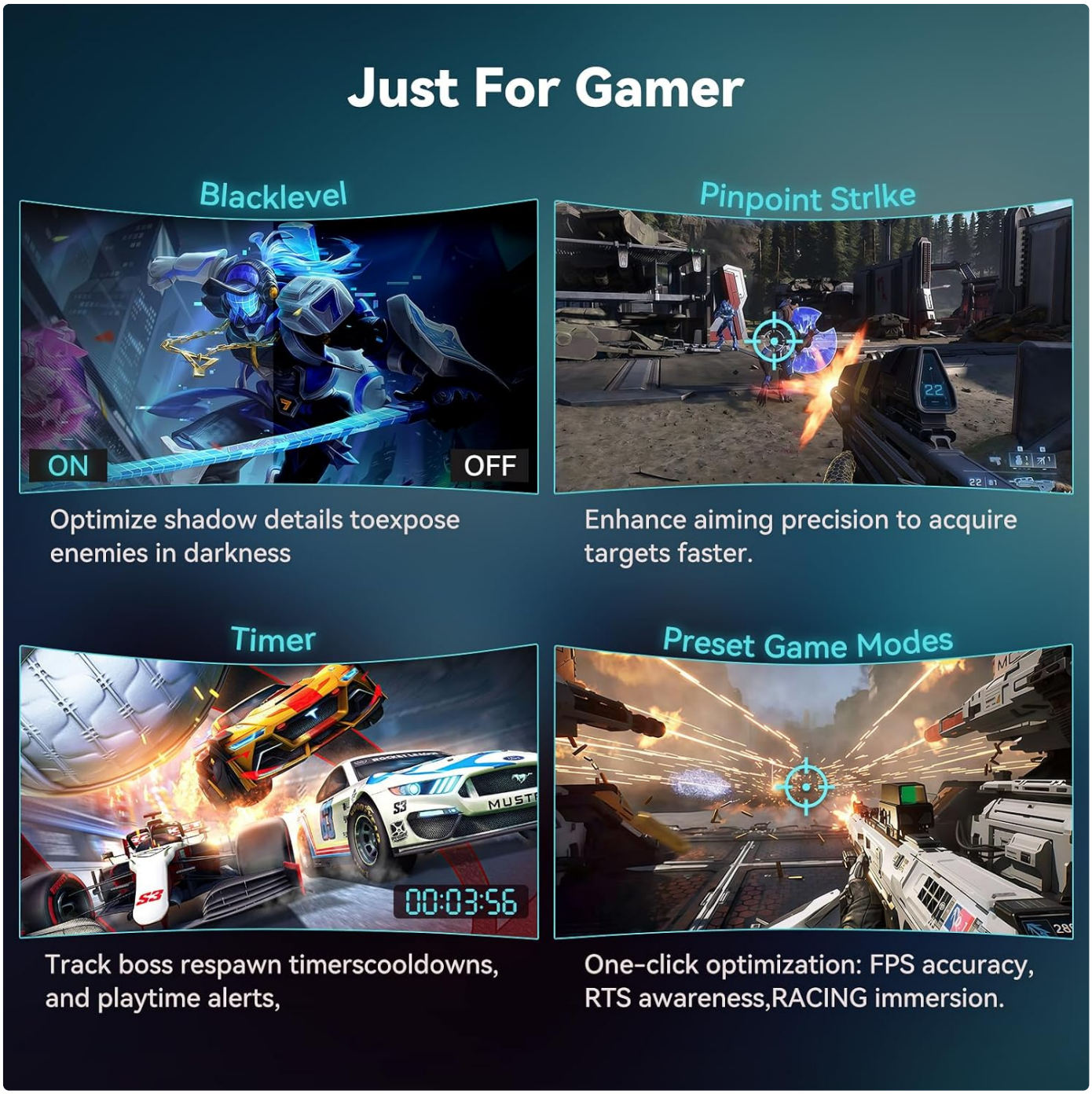


Image 5.5: Overview of gaming-specific features like Blacklevel, Pinpoint Strike, Timer, and Preset Game Modes.

- **Height Adjustable Stand:** Allows for ergonomic positioning of the monitor.
- **HDR 10 Support:** Enhances contrast and color for a more dynamic visual experience.
- **127% sRGB Color Gamut:** Delivers vibrant and accurate colors.

6. Maintenance

6.1 Cleaning the Monitor

To clean the monitor screen and casing:

- Always unplug the monitor from the power outlet 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.

6.2 General Care

- Keep the monitor away from direct sunlight and heat sources.
- Avoid placing the monitor in areas with high humidity or dust.
- Do not block the ventilation slots on the monitor.

7. Troubleshooting

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

Problem	Possible Solution
No Power	Ensure the power cable is securely connected to the monitor and the power outlet. Check if the power adapter is functioning.
No Signal	Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your device. Select the correct input source in the OSD menu.
Flickering Screen	Check the video cable connection. Ensure your graphics card drivers are up to date. Enable FreeSync in the OSD menu and on your graphics card settings if applicable.
Incorrect Resolution/Refresh Rate	Adjust the display settings in your operating system. Ensure your graphics card supports the desired resolution and refresh rate. Use a DisplayPort cable for 165Hz.
Image is too Dark/Bright	Adjust the Brightness and Contrast settings in the OSD menu.

8. Specifications

Feature	Detail
Brand	Great voell
Model Name	Q34DB45
Screen Size	34 Inches
Resolution	UWQHD 3440x1440
Aspect Ratio	21:9
Curvature	1500R
Refresh Rate	144 Hz (up to 165Hz via DisplayPort)
Response Time	1 Millisecond (MPRT)
Display Technology	LCD

Feature	Detail
Brightness	300 lumens (350 cd/m² peak)
Contrast Ratio	3000:1
Color Gamut	127% sRGB
Adaptive Sync	FreeSync
Connectivity	2x HDMI (up to 100Hz), 2x DisplayPort (up to 165Hz), Audio Out
Additional Features	Eye Care, HDR10, Height Adjustable Stand, RGB Backlight
Item Dimensions (D x W x H)	9"D x 21"W x 31"H
Voltage	12 Volts

9. Warranty Information

This Great voell monitor comes with a 1-Year Manufacturer Warranty. Some components may be covered by an extended 3-Year Warranty. Please retain your proof of purchase for warranty claims. For specific details regarding warranty coverage and terms, refer to the warranty card included in your package or contact Great voell customer support.

10. Customer Support

If you require further assistance or have questions not covered in this manual, please contact Great voell customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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