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Great voell Q240B16

Great voell 24 Inch Curved Gaming Monitor User Manual

Model: Q240B16

1. Introduction

Thank you for choosing the Great voell 24 Inch Curved Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your new monitor. Please read it thoroughly before use to ensure optimal performance and safety.

This monitor is designed to deliver an immersive gaming and viewing experience with its 1500R curved screen, high refresh rate, and vibrant color reproduction.



Image: Front view of the Great voell 24 Inch Curved Gaming Monitor, highlighting its 24-inch size, FHD 1080P resolution, and 180Hz refresh rate.

2. Safety Information

To prevent damage and ensure safe operation, please observe the following safety precautions:

- 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 and cables provided or recommended by the manufacturer.
- 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

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

- Great voell 24 Inch Curved Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cable
- HDMI Cable
- DisplayPort (DP) Cable
- User Manual
- Screws for Stand Assembly

4. Setup

4.1 Assembling 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 holes.
3. Secure the neck to the monitor using the provided screws.
4. Attach the stand base to the bottom of the neck and tighten the thumb screw or screws.
5. Carefully lift the monitor and place it on a stable, flat surface.



Image: Rear view of the monitor showing the attachment points for the stand neck and base.

4.2 Connecting the Monitor

Connect the necessary cables to the monitor and your computer/device:

1. **Power Connection:** Connect the power adapter to the monitor's power input, then plug the power cable into a wall outlet.
2. **Video Connection:**
    - For optimal performance (180Hz), use the DisplayPort (DP) cable to connect the monitor to your computer's graphics card.
    - Alternatively, use the HDMI 1.4 cable to connect. Note that HDMI 1.4 may limit refresh rates to 60Hz or 120Hz depending on the resolution and specific hardware.
3. Ensure all connections are secure.



Image: Close-up of the monitor's input ports, including HDMI and DisplayPort, for connecting to various devices.

4.3 VESA Wall Mount Installation

The monitor supports VESA wall mount standard 75x75mm. To mount the monitor:

1. Remove the stand assembly from the monitor.
2. Attach the VESA-compatible wall mount bracket (not included) to the monitor's mounting holes using appropriate screws.
3. Follow the instructions provided with your VESA wall mount for secure installation.

5. Operating the Monitor

5.1 Powering On/Off

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

5.2 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Use the control buttons (usually located on the back or bottom right of the monitor) to navigate:

- Press a button to open the OSD menu.
- Use the directional buttons to move through menu options.
- Press the select/enter button to confirm a selection.
- Press the exit/back button to return to the previous menu or exit the OSD.

5.3 Adjusting Settings

Key settings you can adjust via the OSD menu include:

- **Brightness/Contrast:** Adjust the overall luminance and contrast ratio.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels. This monitor offers stunning color accuracy with 120% sRGB.
- **Picture Mode:** Select from preset modes (e.g., Standard, Game, Movie, Text) for optimized viewing.
- **Input Source:** Manually select between HDMI and DisplayPort inputs.
- **Audio:** Adjust volume if external speakers are connected via the audio out port (monitor does not have built-in speakers).



Image: Display demonstrating the monitor's rich color reproduction and HDR technology support, showing 99% sRGB and 16.7M display colors.

5.4 Refresh Rate and FreeSync Configuration

To achieve the optimal 180Hz refresh rate, ensure your graphics card and cable (preferably DisplayPort) support it. You may need to adjust the refresh rate setting in your operating system's display settings.

This monitor supports AMD FreeSync technology to eliminate screen tearing and stuttering. To enable FreeSync:

1. Ensure your graphics card is AMD FreeSync compatible.
2. Enable FreeSync in your graphics card's control panel (e.g., AMD Radeon Software).
3. Verify that FreeSync is enabled in the monitor's OSD menu (if applicable).



Image: Visual comparison demonstrating the difference between FreeSync Off (screen tearing) and FreeSync On (smooth image) during fast-paced motion.

6. Maintenance

6.1 Cleaning the Screen

To clean the monitor screen:

- Turn off the monitor and unplug the power cord.
- Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution (do not spray directly on the screen).
- Avoid using abrasive cleaners, alcohol, or ammonia-based solutions.

6.2 General Care

- Keep the monitor away from direct sunlight and heat sources.
- Do not place objects on top of the monitor.
- Avoid touching the screen with sharp objects.

7. Troubleshooting

If you encounter issues with your monitor, please refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Check power and video cable connections. Press the input source button to select the correct input.
Image flickering or distorted	Loose video cable; Incorrect refresh rate; Graphics card driver issues.	Ensure video cable is securely connected. Adjust refresh rate in OS display settings. Update graphics card drivers. Enable FreeSync if applicable.
No sound (if external speakers connected)	Audio cable disconnected; Monitor volume too low; Incorrect audio output selected on PC.	Check audio cable connection. Adjust monitor volume via OSD. Select monitor as audio output device in PC sound settings.
Cannot achieve 180Hz refresh rate via HDMI	HDMI 1.4 bandwidth limitation.	HDMI 1.4 may not support 180Hz at 1080P. Use a DisplayPort (DP) cable for full 180Hz support.
Monitor stand does not fit properly	Misalignment or manufacturing defect.	Ensure all parts are correctly aligned before tightening screws. Do not force components. If issues persist, contact customer support.

8. Specifications

Feature	Specification
Screen Size	24 Inches
Panel Type	VA
Curvature	1500R
Resolution	1920 x 1080 Pixels (FHD 1080p)
Refresh Rate	180Hz / 144Hz
Response Time	1ms (MPRT)
Color Gamut	120% sRGB
Adaptive Sync	AMD FreeSync

Feature	Specification
Connectivity	HDMI 1.4, DisplayPort 1.2
VESA Compatibility	75x75mm
Product Dimensions	6.65 x 16.3 x 21.25 inches
Item Weight	7.43 pounds
Manufacturer	Shenzhen Yundacheng Technology Co.



Image: Monitor screen displaying a high-resolution image, emphasizing the 1920x1080 pixel Full HD resolution for detailed and precise visuals.

9. Warranty and Support

This Great voell monitor comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please contact Great voell customer service. Contact information can typically be found on the product packaging or the official Great voell website.

Please have your model number (Q240B16) and purchase information ready when contacting support.

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