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Great voell Q270A180HZ

Great voell 27-Inch 180Hz FHD Gaming Monitor (Model Q270A180HZ) User Manual

Brand: Great voell | Model: Q270A180HZ

Product Overview

The Great voell 27-inch Gaming Monitor (Model Q270A180HZ) is designed to provide an immersive visual experience with its curved display, high refresh rate, and advanced color technologies. This manual provides essential information for setting up, operating, and maintaining your monitor.



Front view of the Great voell 27-inch Curved Gaming Monitor, highlighting its 27-inch screen, FHD 1920x1080 resolution, and 180Hz

refresh rate.

Key features include a 27-inch curved display with an 1800R curvature for an immersive viewing experience, a 180Hz refresh rate for smooth motion, and Full HD 1080P resolution. It supports HDR10 for enhanced contrast and color, and AMD FreeSync technology to eliminate screen tearing. The monitor also offers 108% sRGB color gamut for vibrant and accurate colors.



An overview of the Great voell Gaming Monitor's key specifications, including FHD 1920x1080 resolution, 1800R curvature, 180Hz refresh rate, 1ms MPRT response time, and 240 cd/m² brightness.

Package Contents

Before proceeding with the setup, please ensure all items listed below are present in the package:

- Great voell 27-inch 180Hz Gaming Monitor
- Power Cable
- DisplayPort Cable
- Monitor Stand / Base
- Monitor Stand / Arm

Setup Instructions

1. Assembling the Stand

1. Carefully remove the monitor from its packaging, placing it face down on a soft, clean surface to prevent scratches.
2. Attach the stand arm to the back of the monitor. Ensure it clicks securely into place or is fastened with the provided screws.
3. Connect the stand base to the stand arm. Tighten any screws as necessary to ensure stability.

2. Connecting the Monitor

The monitor offers multiple connection options for various devices. Ensure your device is powered off before making connections.



Illustration of the monitor's rear panel showing available ports: HDMI 2.0, DisplayPort 1.4, USB 2.0, and DC power input. Examples of compatible devices include PCs, Xbox consoles, notebooks, and TV boxes.

- **Power Connection:** Connect the power cable to the monitor's DC input port and then to a power outlet.
- **DisplayPort (DP):** For optimal performance, including 180Hz refresh rate and FreeSync, connect your computer's graphics card to the monitor using the provided DisplayPort cable.
- **HDMI:** Connect an HDMI cable from your device (PC, game console, etc.) to one of the monitor's HDMI 2.0 ports.
- **USB:** Use the USB 2.0 port for connecting peripherals if available.

3. VESA Mount Installation (Optional)

This monitor is compatible with standard 100x100mm VESA mounts. If you prefer to mount the monitor on an arm or wall, remove the pre-assembled stand and attach your VESA-compatible mount using appropriate screws (not included with the monitor).

Operating Instructions

1. Powering On/Off

Press the power button located on the monitor's rear or bottom panel to turn the monitor on or off. A blue indicator light typically signifies the monitor is powered on.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons or joystick on the monitor's rear/bottom to navigate the menu.

- **Navigation:** Typically, one button opens the menu, and others are used for up/down/left/right navigation and selection.
- **Common Settings:** Brightness, Contrast, Color Temperature, Input Source, Aspect Ratio, and Picture Modes.

3. Refresh Rate and FreeSync

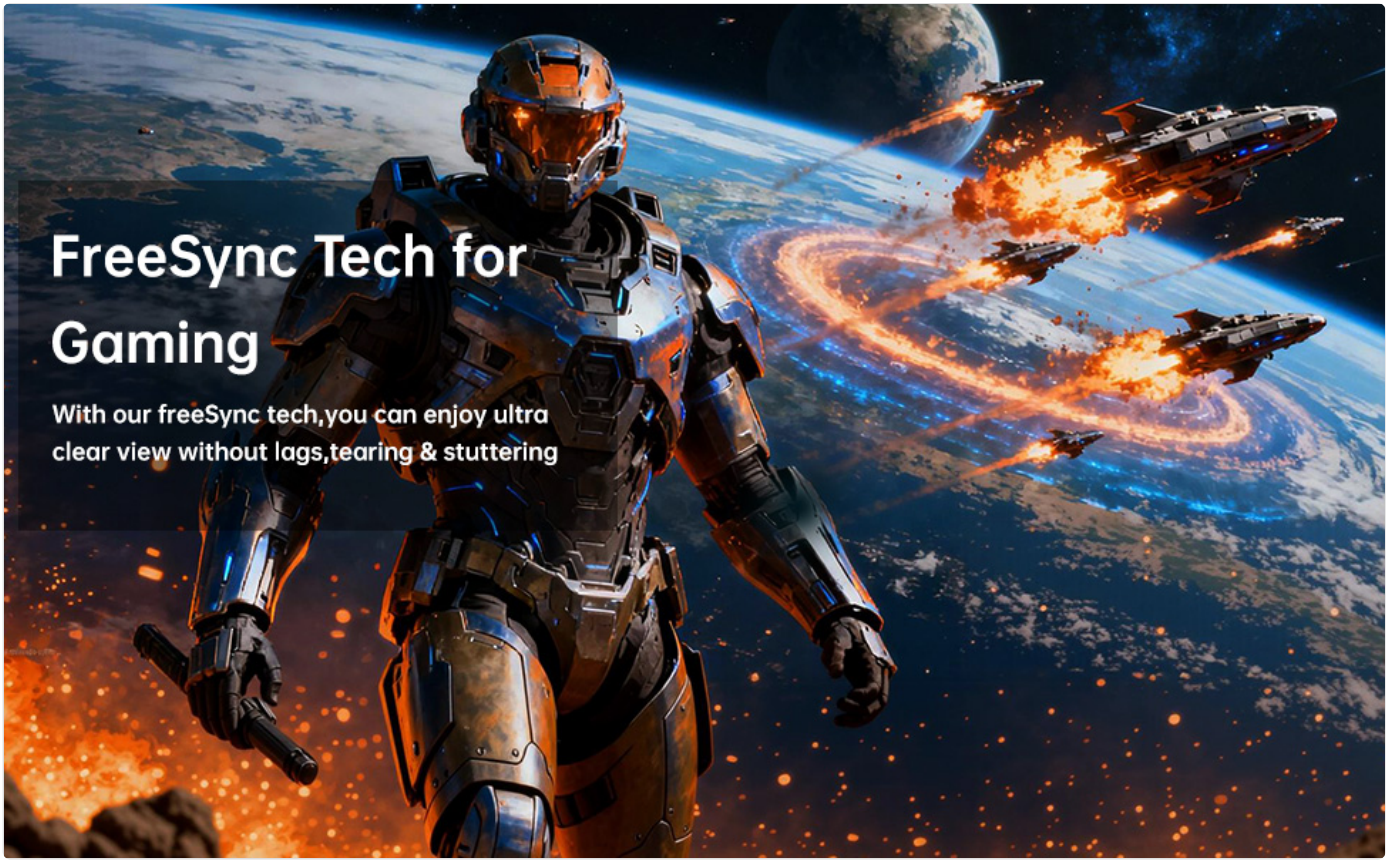
The monitor supports a 180Hz refresh rate for smoother visuals, especially in fast-paced content. Ensure your graphics card settings are configured to output at 180Hz.



A visual comparison demonstrating the smoothness of 180Hz refresh rate versus 60Hz, illustrating enhanced fluidity in dynamic scenes.

This monitor features AMD FreeSync technology to synchronize the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering. To enable FreeSync:

1. Ensure your graphics card supports AMD FreeSync.
2. Connect the monitor using a DisplayPort cable.
3. Enable FreeSync in your graphics card's control panel (e.g., AMD Radeon Software).
4. Verify FreeSync is enabled in the monitor's OSD menu if an option is available.



An image illustrating the benefit of FreeSync technology, providing an ultra-clear view without lags, tearing, or stuttering during gaming.

4. HDR10 Support

The monitor supports HDR10 (High Dynamic Range) for a wider range of colors and contrast. To utilize HDR10:

- Ensure your device and content support HDR10.
- Enable HDR in your operating system's display settings (e.g., Windows Display Settings).

5. Visual Modes

The monitor includes various visual modes optimized for different content types, such as Design, Work, Movie, and Game. These modes adjust color, brightness, and contrast settings for the best viewing experience. Access and select these modes through the OSD menu.



An image showcasing the monitor's various visual modes, including settings optimized for Design, Work, Movie, and Game content, each tailored for immersion and clarity.

6. Blue Light Filter

The monitor features a blue light filter designed to reduce eye strain during prolonged use. This setting can typically be adjusted or enabled/disabled within the OSD menu.

Maintenance

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 specialized screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using abrasive cleaners, waxes, or solvents.

General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight, excessive heat, or moisture.
- Ensure adequate ventilation around the monitor to prevent overheating.

Troubleshooting

If you encounter issues with your Great voell monitor, please refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the monitor and a working power outlet. Check if the power indicator light is on.

- **No Signal:** Verify that the video cable (DisplayPort or HDMI) is correctly connected to both the monitor and your computer/device. Ensure the correct input source is selected in the monitor's OSD menu.
- **Screen Tearing/Stuttering:** Confirm that AMD FreeSync is enabled in both your graphics card settings and the monitor's OSD menu. Ensure you are using a DisplayPort cable.
- **Incorrect Resolution/Refresh Rate:** Check your computer's display settings to ensure the correct resolution (1920x1080) and refresh rate (180Hz) are selected.
- **Image Quality Issues (e.g., blurry, discolored):** Adjust brightness, contrast, and color settings in the OSD menu. Ensure the video cable is not damaged.
- **Loose Hardware Rattling Inside:** If you hear rattling sounds from inside the monitor, discontinue use and contact customer support immediately. Do not attempt to open the monitor.

For issues not resolved by these steps, please contact Great voell customer support.

Specifications

Feature	Specification
Brand	Great voell
Model Number	Q270A180HZ
Screen Size	27 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Aspect Ratio	16:9
Refresh Rate	180Hz
Response Time	1ms (MPRT)
Curvature	1800R
Panel Type	Fast IPS Display
Image Brightness	300 cd/m²
Contrast Ratio	4000:1 (Static)
Color Gamut	108% sRGB
HDR Support	HDR10
Adaptive Sync Technology	AMD FreeSync
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.4, USB 2.0, DC Power
VESA Mount Compatibility	100x100mm
Product Dimensions	3.14 x 25.66 x 16.1 inches
Item Weight	9.58 pounds
Manufacturer	Shenzhen Yundacheng Technology Co.

Warranty and Support

For technical assistance, warranty claims, or any product-related inquiries, please contact Great voell customer support.

- **Customer Service Email:** Greatvoell@outlook.com

Optional protection plans are available for purchase to extend coverage beyond the standard manufacturer's warranty. Please refer to the product listing or contact your retailer for details on available protection plans.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question