

Sealan Q270B12

Sealan 27-inch Curved Gaming Monitor User Manual

Model: Q270B12

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1. INTRODUCTION

Thank you for purchasing the Sealan 27-inch Curved Gaming Monitor (Model Q270B12). This monitor is designed to provide an immersive visual experience with its Full HD (1920x1080) resolution, 1800R curvature, and high refresh rates of 75Hz/100Hz. This manual will guide you through the setup, operation, and maintenance of your new monitor to ensure optimal performance and longevity.

2. SAFETY INFORMATION

Please read all instructions carefully before using the monitor. Keep this manual for future reference.

- 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 provided 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.
- Clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Sealan 27-inch Curved Gaming Monitor

- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- User Manual
- Screws for Stand Assembly

4. SETUP

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping the screen protected.
2. Attach the stand neck to the monitor panel using the provided screws.
3. Attach the stand base to the stand neck and secure it with the thumb screw or regular screws.
4. Place the assembled monitor on a stable, flat surface.

4.2 VESA Mounting (Optional)

The monitor supports VESA mounting (100x100mm). To mount the monitor on a wall or an articulating arm:

1. Remove the stand if it is already attached.
2. Attach your VESA-compatible mount to the four screw holes on the back of the monitor. Refer to your VESA mount's instructions for specific details.

4.3 Connecting Cables

Refer to the image below for port locations.

Display back and ports



Image: Rear view of the Sealan monitor displaying available ports.

- **Power Connection:** Connect the power adapter to the DC IN port on the monitor and then plug it into a power outlet.
- **Video Connection:** Connect one end of the provided HDMI cable to the HDMI port on the monitor and the other end to the HDMI output port on your computer or device. If your device uses DisplayPort, you will need a DisplayPort cable (not included).
- **Audio Output:** If you wish to connect external speakers or headphones, use the Audio Out port.

4.4 Initial Power-On

Press the power button located on the monitor to turn it on. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the OSD menu.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button to turn the monitor on or off. The power indicator light will show the monitor's status.

5.2 OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. The control buttons are typically located on the back or bottom of the monitor.

- Press the **Menu** button to open the OSD menu.
- Use the **Up/Down** or **Left/Right** buttons to navigate through menu options.
- Press the **Enter** button to select an option or confirm a setting.
- Press the **Exit** button to close the OSD menu or go back to the previous level.

5.3 Picture Settings

Adjust visual parameters for optimal viewing.

- **Brightness:** Adjusts the overall luminance of the screen.
- **Contrast:** Adjusts the difference between light and dark areas.
- **Color Temperature:** Selects preset color temperatures (e.g., Warm, Cool, User) or customizes RGB values.
- **HDR (High Dynamic Range):** Enables or disables HDR mode for enhanced contrast and color.

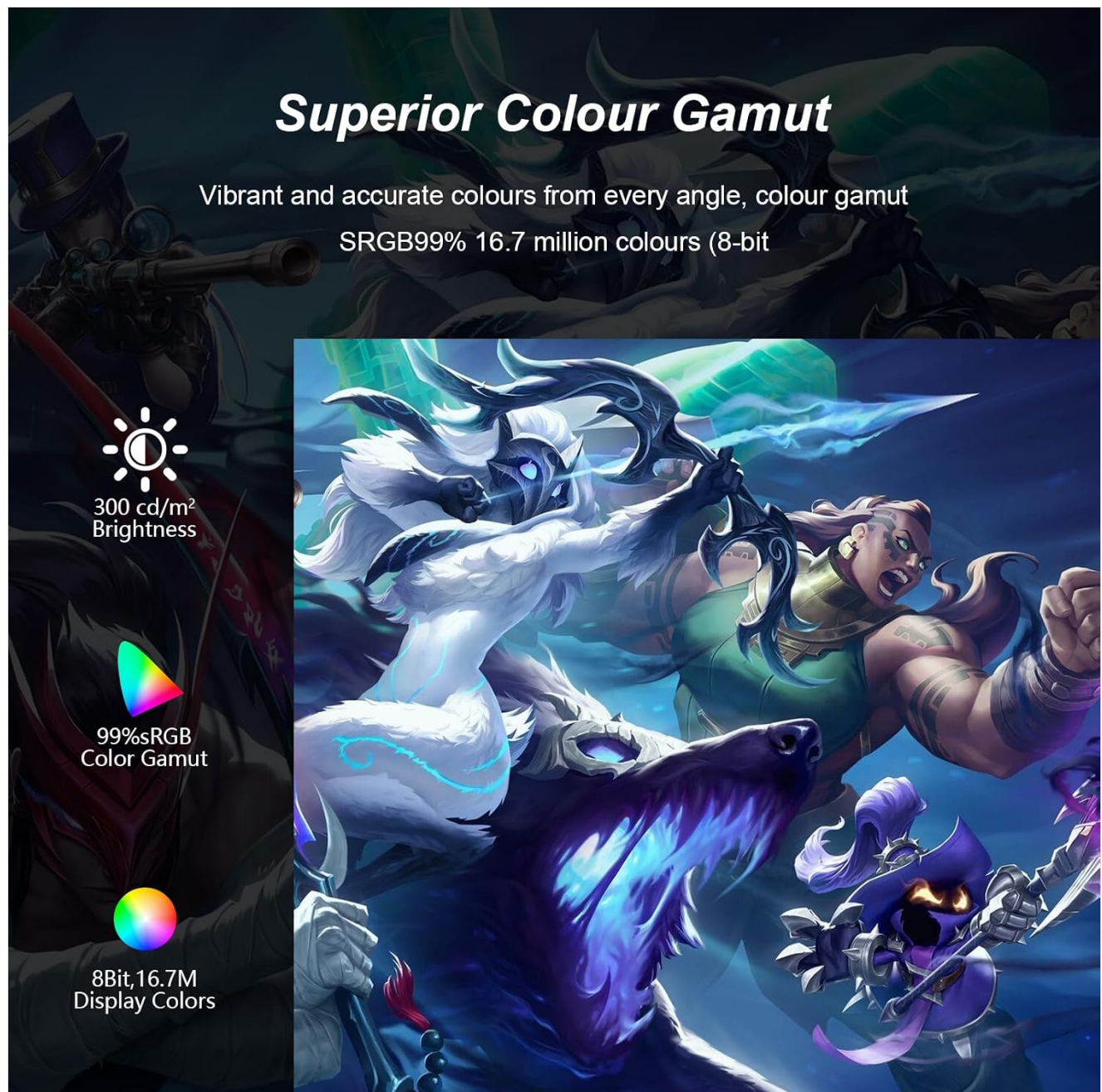


Image: Visual comparison demonstrating the enhanced detail and color of HDR versus SDR.

Eye Care Technology

Disturbance-free blue light reduces eye fatigue



Anti-blue light

Image: Details on the monitor's color capabilities, including 99% sRGB and 16.7 million colors.

5.4 Display Settings

Configure display performance settings.

- **Resolution:** Set the display resolution to 1920x1080 for optimal clarity.
- **Refresh Rate:** Adjust the refresh rate (75Hz or 100Hz) for smoother motion.
- **Response Time:** Configure the response time setting (e.g., 5ms) to reduce ghosting.
- **FreeSync:** Enable or disable AMD FreeSync technology for tear-free gaming.

Anti-flicker & Low Blue Light

Protect your eyes from feeling tired and blurry during long hours of gaming and movies.

FreeSync ON



FreeSync OFF

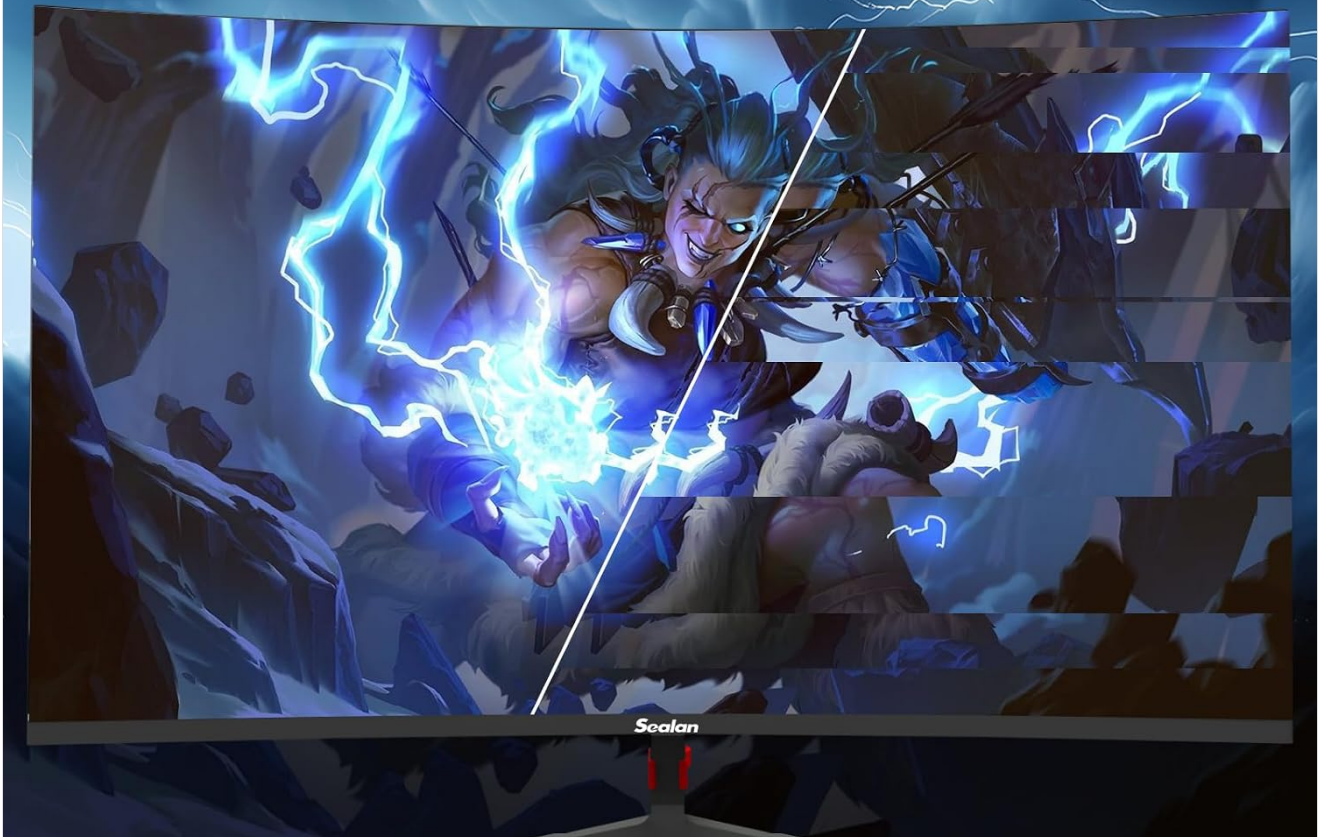


Image: Illustrates the clarity difference between FHD (1920x1080) and standard HD (1280x720) resolutions.

Enjoy perfect image quality

Vivid reproduction ensures that every detail of the photo is clear and lifelike.



SDR



HDR

Image: Highlights the monitor's 75Hz refresh rate and 5ms response time for smooth visuals.

5.5 Eye Care Features

The monitor includes features to reduce eye strain during prolonged use.

- **Flicker-Free:** Reduces screen flickering to minimize eye fatigue.
- **Blue Light Filter:** Lowers blue light emissions to protect your eyes.
- **Anti-Glare Coating:** Minimizes reflections for a more comfortable viewing experience.

Native 75Hz refresh rate 5ms response time

Double the silky smoothness and smooth breakthroughs.

75Hz
Refresh rate

5MS



Image: Demonstrates the effect of FreeSync on reducing screen tearing and highlights the monitor's anti-flicker and low blue light capabilities.

5.6 Input Selection

If you have multiple devices connected, use the input selection option in the OSD menu to switch between HDMI and other available inputs.

6. MAINTENANCE

6.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen and exterior surfaces.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive detergents, as these can damage the monitor's finish.

6.2 General Care

- Keep the monitor away from direct sunlight, heat sources, and excessive dust.
- Do not place heavy objects on the monitor or its cables.
- Ensure adequate airflow around the monitor to prevent overheating.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following 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; Ensure monitor is powered on; Select correct input source via OSD menu.
Image is blurry or distorted	Incorrect resolution; Video cable issue.	Set display resolution to 1920x1080; Try a different video cable.
Screen flickering	Refresh rate mismatch; Cable issue; FreeSync setting.	Ensure graphics card output matches monitor refresh rate; Check video cable; Adjust FreeSync setting.
Colors appear incorrect	Color settings in OSD; Graphics card settings.	Adjust color temperature or RGB values in OSD; Check graphics card color settings.
No audio from external speakers/headphones	Audio cable disconnected; Volume too low; Incorrect audio output selected on computer.	Check audio cable connection; Increase volume; Ensure computer's audio output is set to the monitor or external device.

8. SPECIFICATIONS

Detailed technical specifications for the Sealan 27-inch Curved Gaming Monitor (Model Q270B12):

Feature	Specification
Screen Size	27 Inches
Panel Type	VA LED
Curvature	1800R
Resolution	FHD 1920x1080
Aspect Ratio	16:9 (1.70:1)
Refresh Rate	75Hz / 100Hz
Response Time	5 Milliseconds
Brightness	250 Candela (cd/m²)
Contrast Ratio	4000:1 (Static)

Feature	Specification
Color Gamut	99% sRGB
Display Colors	16.7 Million (8-bit)
Viewing Angle	89 Degrees (H/V)
Connectivity	1x HDMI, 1x VGA, Audio Out, DC IN
Adaptive Sync	FreeSync
Eye Care Features	Flicker-Free, Blue Light Filter, Anti-Glare
VESA Compatibility	100x100mm
Power Consumption	15 Watts
Dimensions (D x W x H)	2.4"D x 31.7"W x 21.5"H (with stand)



Image: Physical dimensions of the Sealan 27-inch monitor.

9. WARRANTY & SUPPORT

Your Sealan 27-inch Curved Gaming Monitor (Model Q270B12) comes with a 1-year manufacturer warranty from the order date. Sealan is committed to providing high-quality products and premium services.

- **Warranty Period:** 1 Year from the date of purchase.
- **Money-Back Guarantee:** 30-day money-back guarantee from the date of purchase.
- **Technical Support:** Lifetime technical support is available.

For technical assistance, warranty claims, or any other inquiries, please contact Sealan customer service. Contact information can typically be found on the product packaging or the official Sealan website.