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› GreBear 27 Inch Curved Gaming Monitor User Manual

## GreBear BM27QB

# GreBear 27 Inch Curved Gaming Monitor User Manual

Model: BM27QB

## INTRODUCTION

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Thank you for choosing the GreBear 27 Inch Curved Gaming Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Please read this manual thoroughly before use to ensure proper operation and to maximize your viewing experience.



Front and back view of the GreBear 27 Inch Curved Gaming Monitor, highlighting its sleek design and adjustable stand.

## SAFETY INFORMATION

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- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

## WHAT'S IN THE BOX

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Verify that all components are present in the packaging:

- 27 inch Monitor Display x 1
- User Manual x 1 (This document)
- 1.5M DP(1.4) Cable x 1
- 1.5M Power Cord x 1
- Base x 1

### 1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck using the provided screws.
3. Align the assembled stand with the mounting slot on the back of the monitor and secure it firmly.

The monitor also supports VESA 100x100mm mounting for alternative mounting solutions.



Rear view of the monitor illustrating VESA 100x100mm mounting points and various input ports.

### 2. Connecting Cables

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

- **Power:** Connect the 1.5M Power Cord to the DC input port on the monitor and then to a power outlet.
- **Video Input:**

- For optimal performance (up to 180Hz), use the provided 1.5M DP(1.4) Cable to connect to one of the two DP 1.4 ports.
- Alternatively, use an HDMI cable (not included) to connect to one of the two HDMI 1.4 ports (up to 120Hz).
- **Audio Output:** Connect headphones or external speakers to the AUDIO port for sound output.



Detailed view of the monitor's connectivity options: DC power input, two HDMI 1.4 ports, two DisplayPort 1.4 ports, and an Audio output port.

### 3. Initial Power-On

After connecting all cables, press the Power button located on the back of the monitor to turn it on. The monitor will automatically detect the active input source.

## OPERATING THE MONITOR

### On-Screen Display (OSD) Controls

The monitor features intuitive buttons on the back for navigating the On-Screen Display (OSD) menu. These buttons allow

you to adjust various settings.

- **Menu (M):** Press to open the OSD menu. Use to confirm selections within the menu.
- **Down / ECO Mode:** Navigate down in the OSD menu or activate ECO mode.
- **Up / Volume+:** Navigate up in the OSD menu or increase volume.
- **Exit / Auto (E):** Exit the OSD menu or perform auto-adjustment.
- **Power:** Turn the monitor on or off.

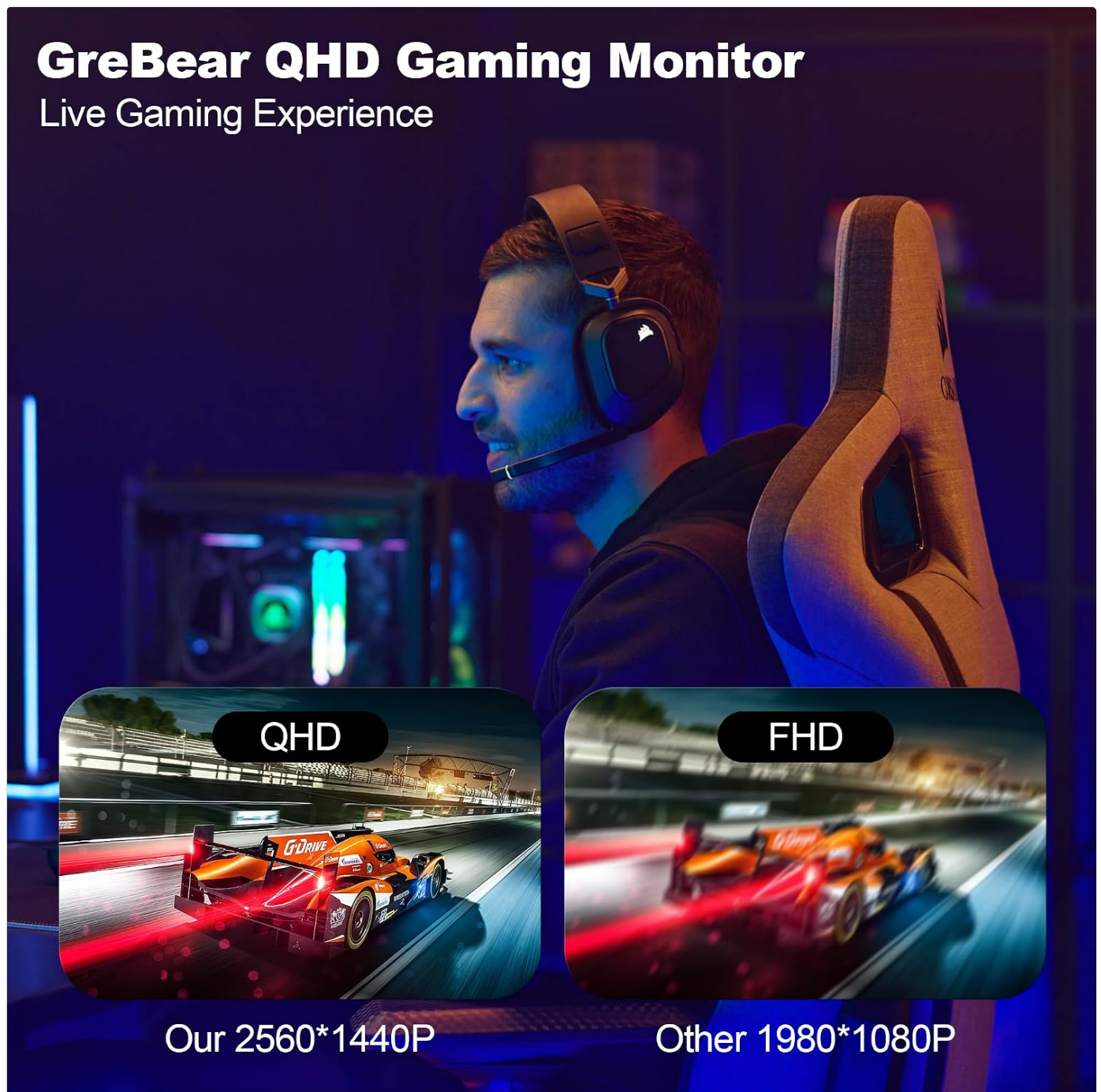
## Display Features and Settings

### Resolution and Refresh Rate

The GreBear monitor offers a QHD (2560 x 1440p) resolution, providing sharp and detailed visuals. With a high 180Hz refresh rate and 1ms response time, it delivers smooth and fluid motion, crucial for fast-paced gaming.

# GreBear QHD Gaming Monitor

## Live Gaming Experience



**QHD**

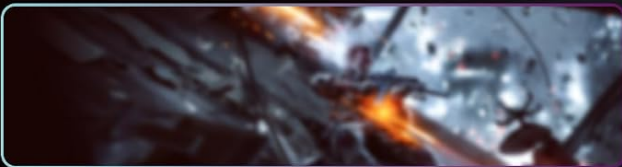
**FHD**

Our 2560\*1440P

Other 1980\*1080P

Visual comparison demonstrating the superior clarity and detail of QHD (2560x1440p) resolution compared to standard FHD (1920x1080p).

# 180HZ Quickly and Smooth Gaming Experience



5<sub>ms</sub> 100HZ



180HZ 1<sub>ms</sub>

Illustrates the difference in motion clarity between a 100Hz/5ms display and the GreBear monitor's 180Hz/1ms performance, showing significantly reduced blur.

## Adaptive Sync (FreeSync)

Equipped with Adaptive Sync technology, this monitor synchronizes the display's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a smoother gaming experience.

# AMD FreeSync Technology for Tear-free Gaming

FreeSync ON



FreeSync OFF



Tearing

HDR OFF



Stuttering

Visual representation of AMD FreeSync in action, preventing screen tearing and stuttering for a fluid visual experience.

## Color and Contrast

Experience vibrant and accurate colors with 125% sRGB coverage and 16.7 million display colors. The 3000:1 contrast ratio and 300 cd/m<sup>2</sup> brightness ensure deep blacks and bright whites, enhancing visual impact.

# Ultimate Gaming Color



125%<sub>sRGB</sub>

3000:1

Contrast Ratio



HDR



16.7M



8 Bit Colors

2K  
QHD



Key color and display specifications including 125% sRGB, 3000:1 contrast ratio, HDR support, and 16.7 million colors for rich visuals.

## Curvature and Viewing Angle

The 1500R curvature provides an immersive viewing experience, wrapping the image around your field of vision. A wide 178° viewing angle ensures consistent image quality from various positions.



Demonstrates the immersive 1500R curvature and the broad 178° viewing angle, ensuring consistent visuals from different perspectives.

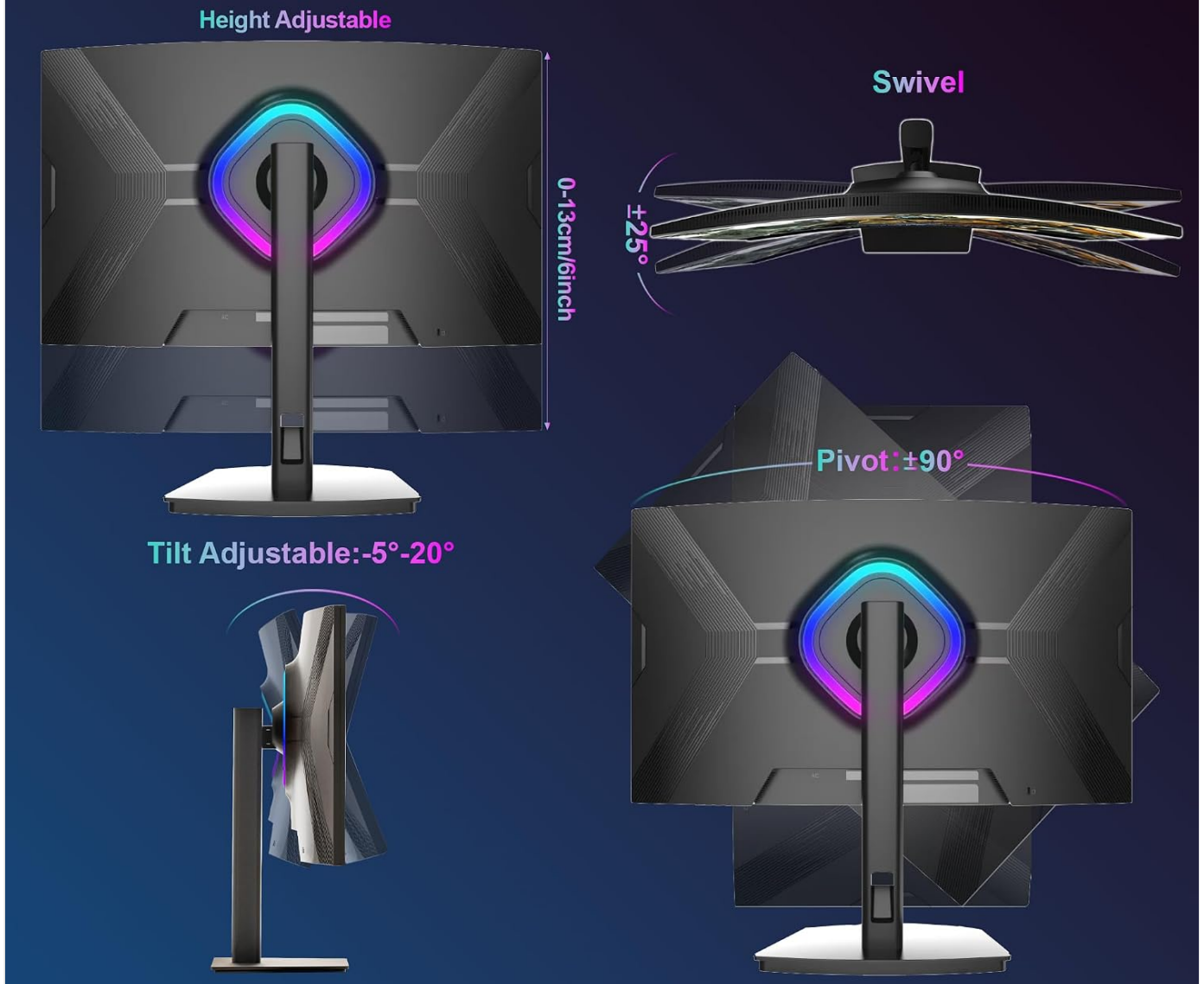
### Ergonomic Adjustments

The monitor stand allows for various ergonomic adjustments to find your optimal viewing position:

- **Height Adjustment:** 0 to 130mm (5 inches)
- **Tilt:** -5° to 20°
- **Swivel:** ±25°
- **Pivot:** ±90° (for portrait mode)

# Ergonomic Design

## Choose Comfortable Angle



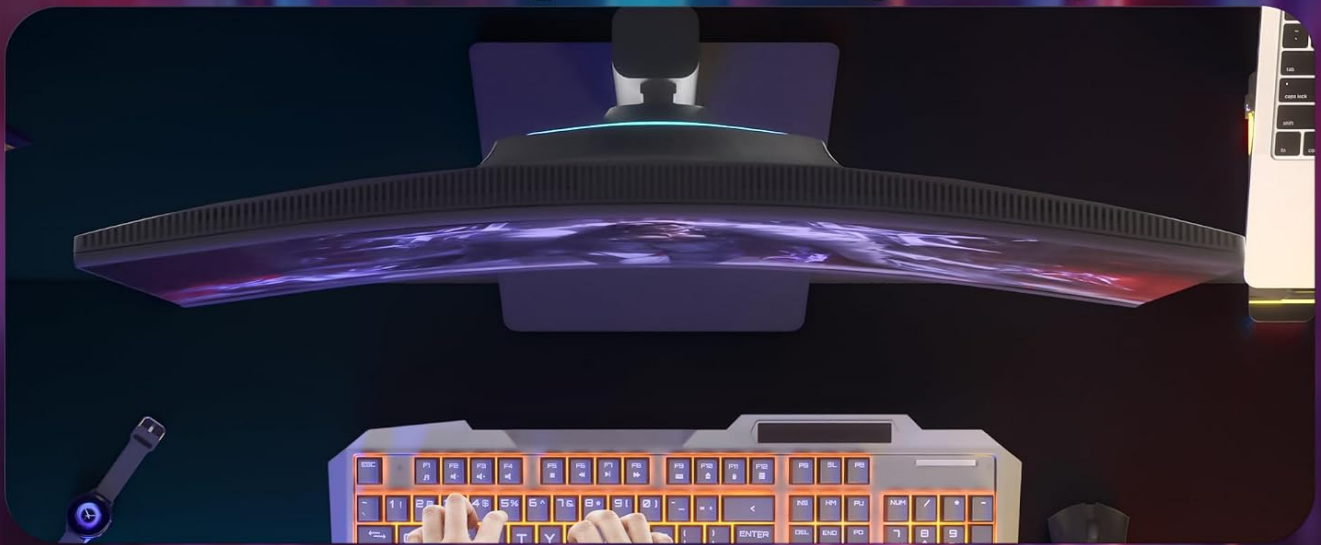
Illustrates the full range of ergonomic adjustments available: height, tilt, swivel, and pivot, allowing users to customize their viewing angle.

### Eye Care Features

Designed for extended use, the monitor incorporates features to reduce eye strain:

- **Flicker-Free:** Minimizes screen flickering for comfortable viewing.
- **Anti-Glare:** Reduces reflections from ambient light.
- **Low Blue Light Mode:** Decreases harmful blue light emissions.

# Protect your eyesight and reduce visual fatigue when gaming



## Flicker Free



## Anti-Glare



## Low Blue Light



Highlights the monitor's eye protection features: Flicker Free technology, Anti-Glare coating, and Low Blue Light mode for reduced eye fatigue.

## Built-in Speakers and RGB Backlight

The monitor includes built-in dual speakers for audio output. It also features a preset LED backlight on the rear, adding to the aesthetic of your setup.

## Product Overview Video

Your browser does not support the video tag.

This video provides a comprehensive overview of the GreBear 27 Inch Curved Gaming Monitor, showcasing its key features such as the 180Hz refresh rate, QHD resolution, adjustable stand, RGB lighting, and various input ports. It demonstrates the monitor's capabilities for an enhanced gaming and computing experience.

## MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth

slightly with water or a non-ammonia, non-alcohol based screen cleaner. Do not spray cleaner directly onto the screen.

- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners.
- **Ventilation:** Ensure the ventilation openings on the monitor are clear of dust and debris to prevent overheating.

## TROUBLESHOOTING

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### No Power

- Check if the power cord is securely connected to the monitor and the power outlet.
- Verify that the power outlet is functioning by plugging in another device.
- Ensure the monitor's power button is pressed.

### No Signal

- Confirm that the video cable (DP or HDMI) is securely connected to both the monitor and your computer/device.
- Ensure the correct input source is selected on the monitor via the OSD menu.
- Check if your computer/device is powered on and outputting a signal.
- Try a different video cable or port if available.

### Image Issues (Blurry, Flickering, Distorted)

- Adjust the resolution and refresh rate settings on your computer to match the monitor's native resolution (2560x1440p) and desired refresh rate (up to 180Hz).
- Enable Adaptive Sync (FreeSync) in your graphics card settings and on the monitor's OSD menu if experiencing tearing or stuttering.
- Check for loose cable connections.
- If flickering persists, ensure the Flicker-Free setting is enabled in the OSD.

### No Sound from Speakers

- Increase the volume using the monitor's OSD controls or your computer's volume settings.
- Ensure the audio output from your computer is set to the monitor.
- If using HDMI/DP, ensure your graphics card is sending audio over the cable.
- If using the audio jack, ensure headphones/speakers are properly connected.

## SPECIFICATIONS

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Feature	Specification
Screen Size	27 Inches
Resolution	2560 x 1440p (QHD)
Refresh Rate	180Hz
Response Time	1ms
Curvature	1500R
Aspect Ratio	16:9

Feature	Specification
Brightness	300 Candela (cd/m <sup>2</sup> )
Contrast Ratio	3000:1
Color Gamut	125% sRGB
Viewing Angle	178° (Horizontal/Vertical)
Connectivity	2x HDMI 1.4, 2x DP 1.4, 1x Audio Out
VESA Compatibility	100 x 100 mm
Built-in Speakers	Yes
Ergonomics	Height, Tilt, Swivel, Pivot Adjustable
Product Dimensions	1.7 x 27.51 x 18.12 inches
Item Weight	13.37 pounds

## WARRANTY AND SUPPORT

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GreBear products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official GreBear website. Please retain your proof of purchase for warranty claims.