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› Gawfolk 27 Inch FHD 180 Hz Curved Gaming Monitor User Manual GF270C

Gawfolk GF270C

Gawfolk 27 Inch FHD 180 Hz Curved Gaming Monitor - User Manual

Model: GF270C

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Gawfolk 27 Inch FHD 180 Hz Curved Gaming Monitor. Please read it thoroughly before operating the device and retain it for future reference. This monitor is designed to deliver a high-performance visual experience for gaming and general computing tasks.



Figure 1.1: Gawfolk 27 Inch FHD 180 Hz Curved Gaming Monitor

2. SAFETY INFORMATION

To ensure safe operation and prolong the life of your monitor, please observe the following safety precautions:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid placing the monitor near heat sources or in direct sunlight.
- Use only the power adapter and cables provided by the manufacturer.
- Do not block ventilation openings.
- Disconnect the power cable from the outlet during lightning storms or when unused for long periods.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in your product packaging:

- Gawfolk 27 Inch FHD 180 Hz Curved Gaming Monitor
- DP Connection Cable
- HDMI Cable
- Power Cable
- User Manual (this document)

4. SETUP

4.1 Physical Setup

Your monitor can be set up using the included stand or mounted on a VESA-compatible arm or wall mount.

Stand Assembly:

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, securing it with the provided screws.
3. Attach the assembled stand to the back of the monitor until it clicks into place or is secured with screws.
4. Place the monitor on a stable, flat surface.

VESA Mounting:

The monitor supports a 100x100mm VESA mount. Remove the stand if it is already attached. Use appropriate VESA screws (not included) to secure the monitor to a compatible mount.

1800R CURVED DISPLAY

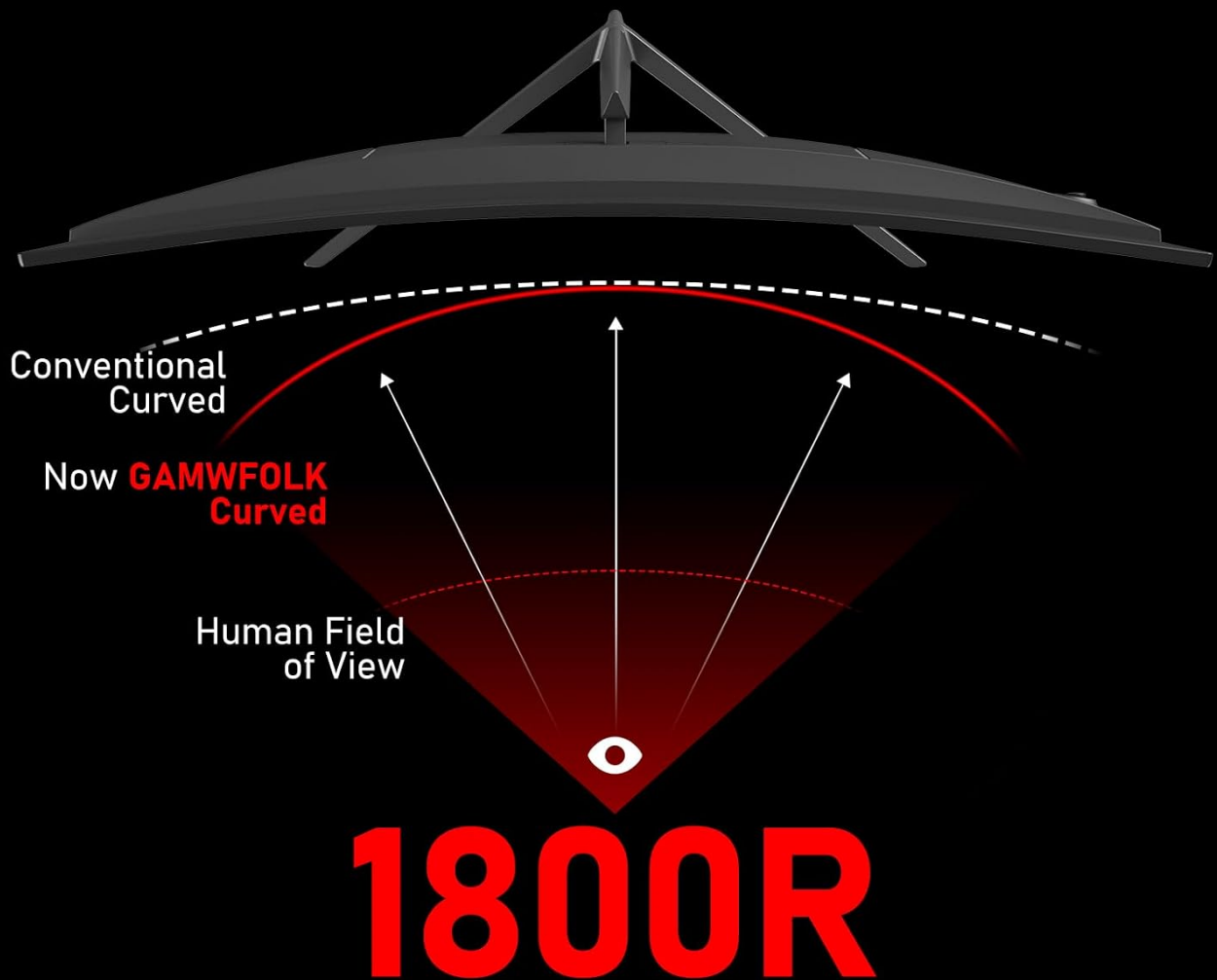


Figure 4.1: VESA Mounting and Angle Adjustment (Tilt: -5° to 10°)

4.2 Connecting to Devices

Connect your monitor to your computer or other devices using the available ports:

- **DisplayPort (DP):** For optimal performance, use the DP cable to connect to your PC or laptop. Supports up to 180 Hz refresh rate.
- **HDMI:** Connect to PCs, laptops, or gaming consoles (e.g., PS5, X-Box). Supports up to 120 Hz refresh rate.
- **Audio Out:** Connect external speakers or headphones.
- **DC IN 12V:** Connect the power adapter here.



Figure 4.2: Product Application Diagram

4.3 Power Connection

Connect the power cable to the monitor's DC IN 12V port and then plug the other end into a power outlet.

5. OPERATING INSTRUCTIONS

5.1 Power 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 Display Settings

Your Gawfolk monitor offers a range of features for an enhanced visual experience:

- **High Refresh Rate:** Enjoy smooth visuals with a 180 Hz refresh rate, ideal for fast-paced gaming.
- **Fast Response Time:** A 1 ms (GTG) response time minimizes motion blur and ghosting.



Figure 5.1: 180Hz and 1ms Response Time for Smooth Gaming

- **Full HD Resolution:** Experience crisp and clear images with 1920 x 1080 (FHD) resolution.

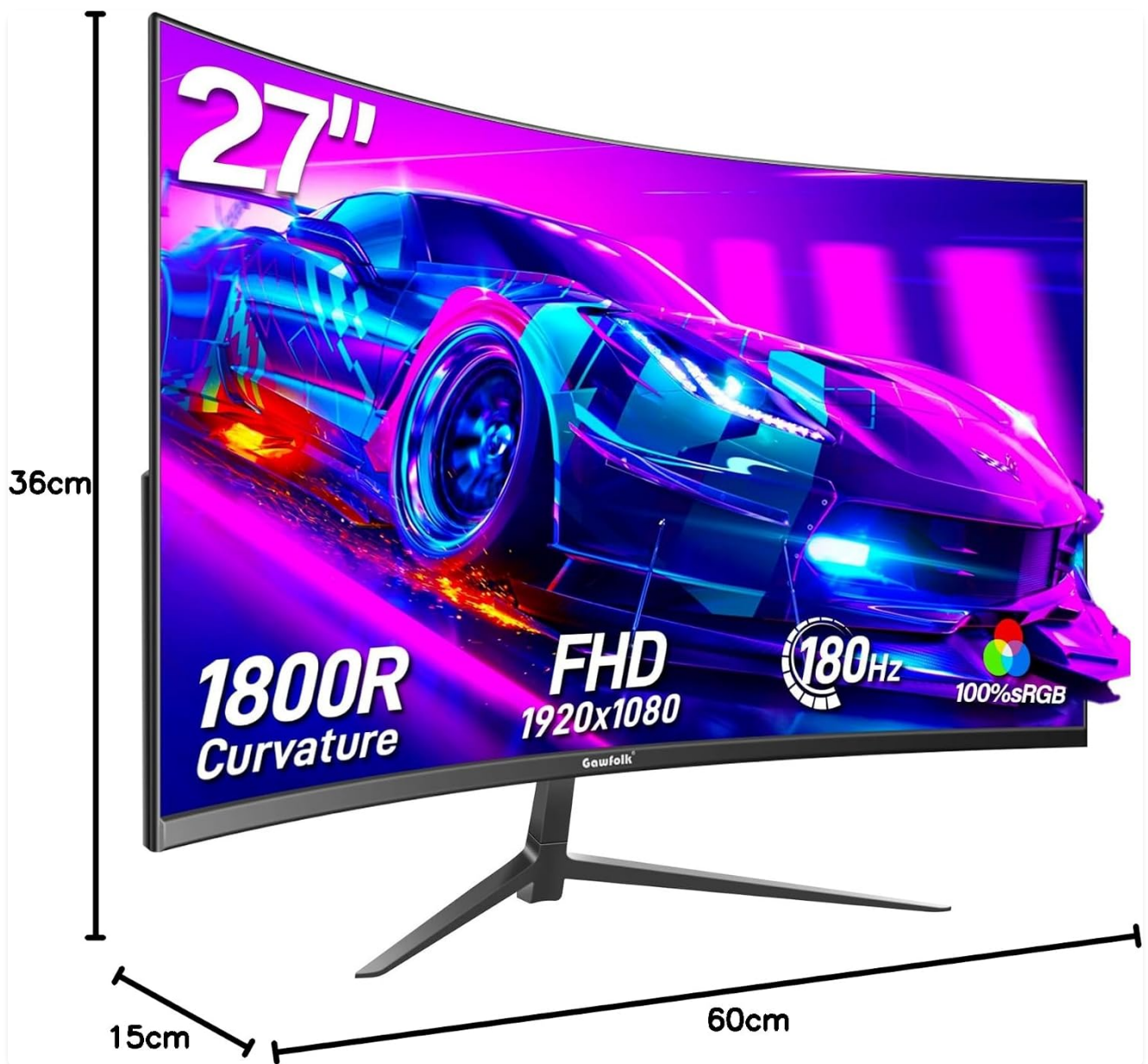


Figure 5.2: FHD Resolution (1920 x 1080 P) for Perfect Details

- **1800R Curved Display:** The 1800R curvature provides an immersive viewing experience by matching the natural curve of the human eye.

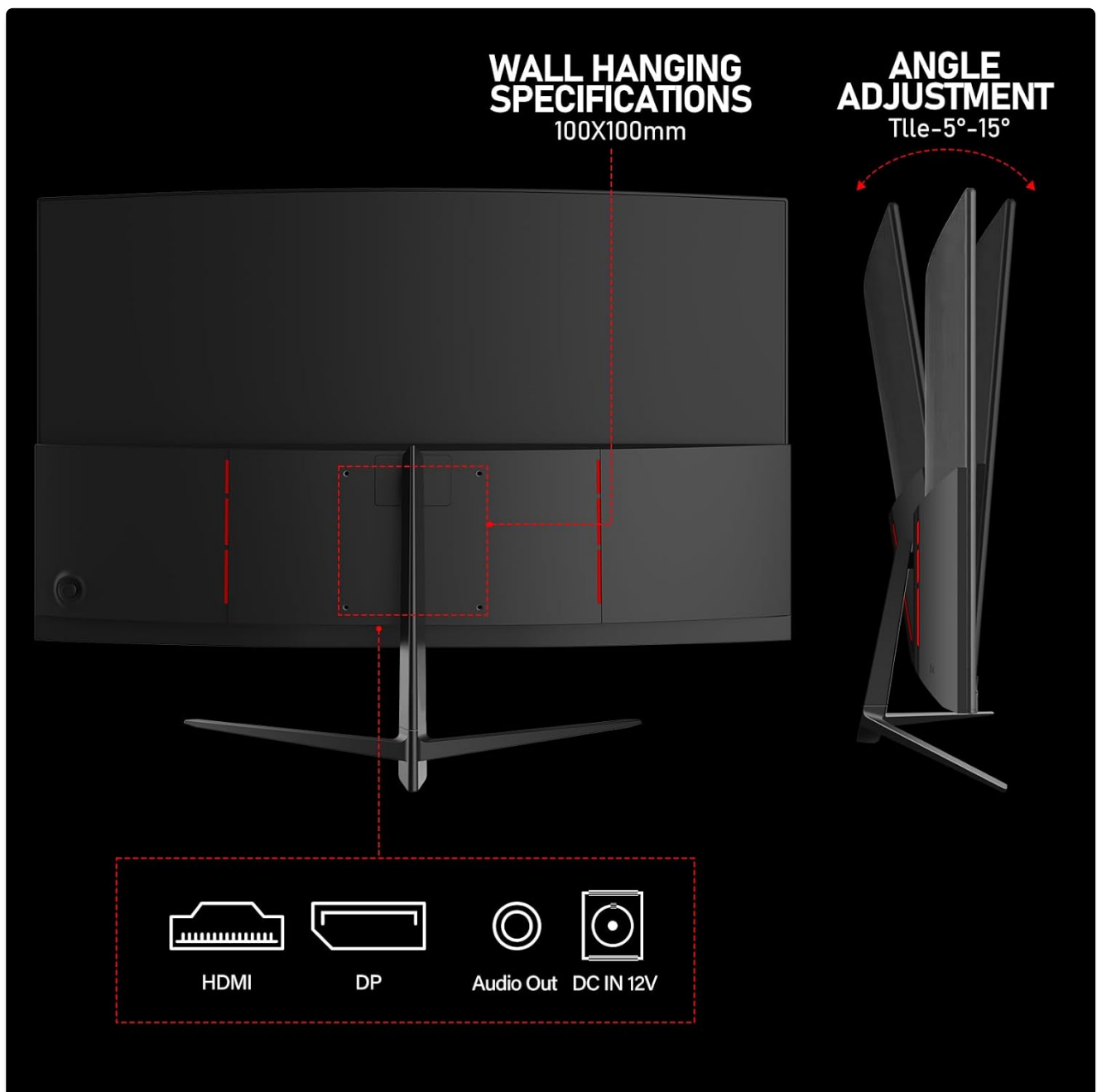


Figure 5.3: 1800R Curved Display

5.3 Advanced Technologies

- **AMD FreeSync:** This technology synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering, providing a smoother gaming experience.

FHD Resolution (1920 X 1080 P)

Perfect Details and Vivid Imagery



Figure 5.4: FreeSync Technology for Seamless Graphics

- **Eye Care Technology:** Features like Flicker-Free and Low Blue Light reduce eye strain and fatigue during extended use.
- **Brilliant Visuals:** The VA panel offers 16.7 million display colors and 98% sRGB color gamut for accurate and vibrant color reproduction.



Figure 5.5: Brilliant Visuals & Vivid True Colors

5.4 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons on the monitor's bezel to navigate the menu and make selections. Common adjustable settings include brightness, contrast, color temperature, input source, and FreeSync activation.

6. MAINTENANCE

6.1 Cleaning the Monitor

To clean the monitor screen and casing:

- Turn off the monitor and unplug the power cable.
- Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner.

- Wipe the casing with a soft, dry cloth. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the surface.

6.2 Storage

If you need to store the monitor for an extended period, ensure it is:

- Stored in a cool, dry place away from direct sunlight and extreme temperatures.
- Protected from dust and physical impact, preferably in its original packaging.

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	Monitor not powered on; incorrect input source; loose video cable.	Ensure power cable is connected and monitor is on. Select correct input source (DP/HDMI). Check video cable connections.
Flickering or tearing	FreeSync not enabled; refresh rate mismatch; outdated GPU drivers.	Enable FreeSync in monitor OSD and GPU settings. Ensure GPU supports required resolution and refresh rate. Update GPU drivers.
Poor image quality (blurry, incorrect colors)	Incorrect resolution; OSD settings; faulty cable.	Set display resolution to 1920x1080. Adjust brightness, contrast, and color settings in OSD. Try a different video cable.
Monitor not reaching 180Hz	GPU limitation; cable limitation; incorrect settings.	Ensure your GPU supports 1920x1080 at 180Hz. Use a DisplayPort 1.4 cable or higher. Check display settings in your operating system.

7.1 GPU Compatibility

To achieve the highest performance parameters of the monitor, ensure your graphics processing unit (GPU) meets the necessary requirements. It is recommended to use a GPU of GTX 1050 4G or above. Older models may not support the corresponding parameters (e.g., resolution and refresh rate).

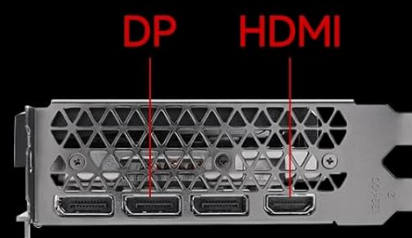


Ensure your device supports 1K (1920x1080) resolution and matches the monitor's refresh rate specifications (75Hz/144Hz/165Hz/180Hz/240Hz). We recommend using HDMI 2.0 or later and DP 1.4 or later ports, as lower versions may limit performance (e.g., HDMI 1.4 supports only 1080p@120Hz, while DP 1.2 enables 1080p@240Hz with Display Stream Compression on compatible GPUs).

It is recommended to use a GPU of GTX 1050 4G or above (old models cannot match the corresponding parameters)



GPU like
this can support



Using a DP cable connection to achieve
the highest parameters of the monitor

Figure 7.1: GPU Compatibility and Connection Recommendations

8. SPECIFICATIONS

Detailed technical specifications for the Gawfolk 27 Inch FHD 180 Hz Curved Gaming Monitor (Model GF270C):

Feature	Specification
Model Number	GF270C
Screen Size	27 Inches
Resolution	FHD 1080p (1920 x 1080)
Refresh Rate	180 Hz

Feature	Specification
Response Time	1 ms (GTG)
Curvature	1800R
Panel Type	VA
Aspect Ratio	16:9
Contrast Ratio	3000:1
Color Gamut	98% sRGB
Display Colors	16.7 Million
Brightness	250 cd/m²
Viewing Angle	178° (Horizontal/Vertical)
Connectivity	1x DisplayPort, 1x HDMI, 1x Audio Out, 1x DC IN 12V
VESA Mount Compatibility	100 x 100 mm
Power Consumption	48 Watt
Dimensions (D x W x H)	10 cm x 61 cm x 46 cm
Weight	3.3 Kilograms
Adaptive Sync Technology	AMD FreeSync
Eye Care Features	Flicker-Free, Low Blue Light
Tilt Adjustment	-5 to 10 degrees

Product Application Diagram



Figure 8.1: Monitor Dimensions

For more detailed energy information, please refer to the official EU EPREL database:

<https://eprel.ec.europa.eu/qr/1447861>

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Gawfolk monitor comes with a manufacturer's warranty of 1 year from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external causes.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Gawfolk customer support through the retailer where you purchased the product or visit the official Gawfolk website for contact information.

