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Gawfolk GF600C

Gawfolk 27 inch IPS 2K QHD Monitor (GF600C) User Manual

Model: GF600C

INTRODUCTION

This manual provides comprehensive instructions for the Gawfolk 27 inch IPS 2K QHD (2560x1440) Computer Monitor, Model GF600C. Please read this manual thoroughly before using the monitor to ensure proper setup, operation, and maintenance. Retain this manual for future reference.

SETUP

1. Package Contents

Verify that all components are present in the package:

- Gawfolk 27 inch IPS 2K QHD Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- DisplayPort (DP) Cable
- User Manual

2. 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 neck to the back of the monitor. Ensure it clicks securely into place or is fastened with screws if provided.
3. Connect the stand base to the stand neck. Tighten the screw at the bottom of the base to secure it.

SIZE & INTERFACE

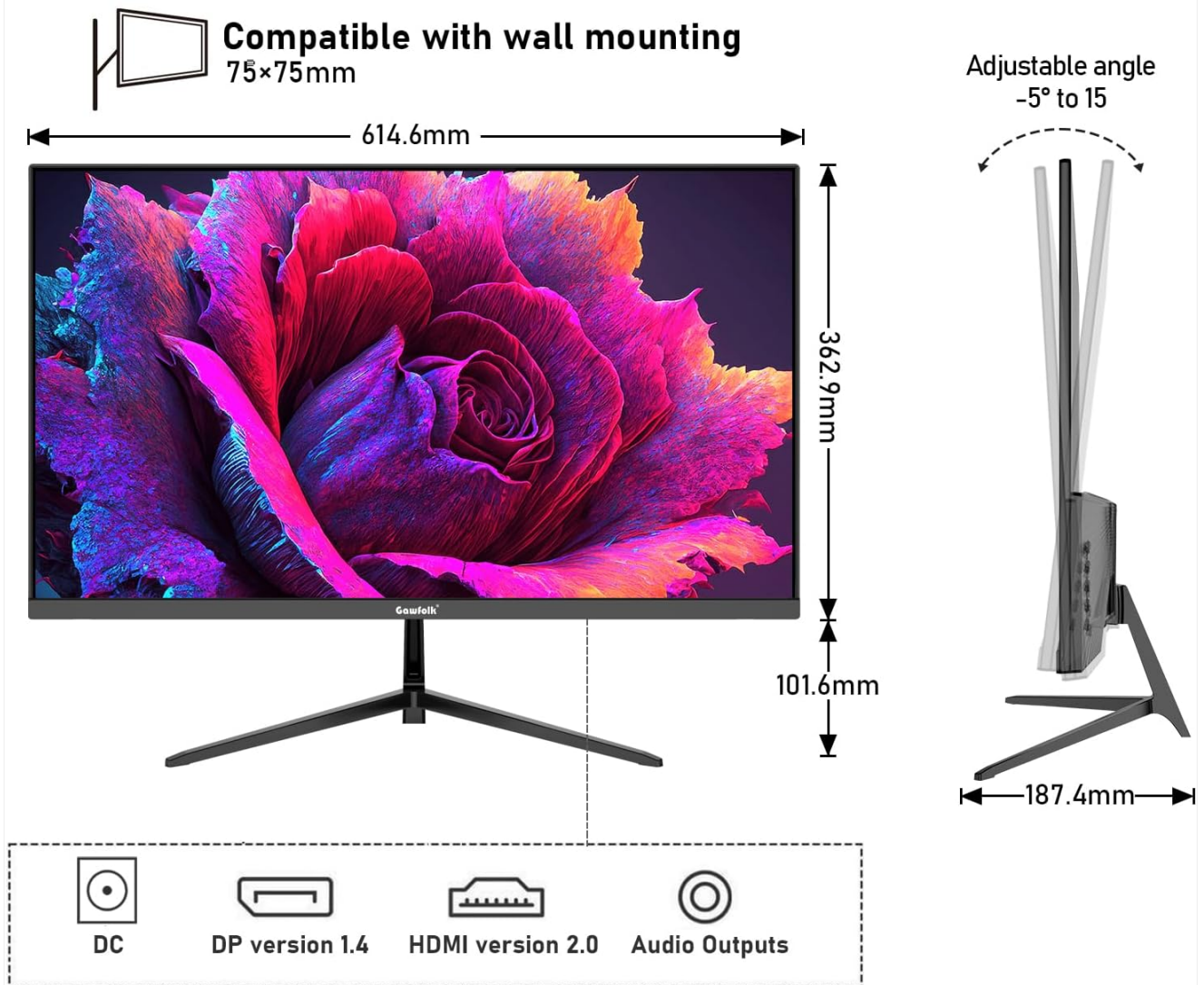


Figure 1: Rear view of the monitor with dimensions and interface ports.

3. Connecting Cables

Connect the necessary cables to the monitor and your computer or other devices.

- **Power Cable:** Connect the power adapter to the monitor's DC input port, then plug the adapter into a power outlet.
- **Video Cable:** Connect either the HDMI cable to the monitor's HDMI 2.0 port and your device's HDMI output, or the DisplayPort cable to the monitor's DP 1.4 port and your device's DisplayPort output.
- **Audio Output:** If using external speakers or headphones, connect them to the monitor's audio output port.

DC DIMMING LOW BLUE LIGHT

Reduces harmful blue light and minimises screen flicker for comfortable, extended viewing



Figure 2: Available interface ports on the monitor.

4. Initial Power On

Press the power button located on the monitor to turn it on. The monitor will automatically detect the input signal. If no signal is detected, ensure your device is powered on and the video cable is securely connected.

OPERATING INSTRUCTIONS

1. Power On/Off

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

2. On-Screen Display (OSD) Menu

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

- Press a button to activate the OSD menu.
- Use the directional buttons to navigate through menu options.
- Press the select button to enter a sub-menu or confirm a selection.
- Press the exit button to return to the previous menu or exit the OSD.

3. Adjusting Display Settings

Common settings adjustable via the OSD include:

- **Brightness/Contrast:** Adjust the overall luminance and contrast ratio of the display.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Source:** Manually select between HDMI and DisplayPort inputs.
- **Adaptive Sync:** Enable or disable Adaptive Sync for smoother gaming visuals.
- **Low Blue Light:** Activate this mode to reduce blue light emission for eye comfort.
- **Flicker-Free:** This technology is always active to minimize screen flicker.

FEATURES

2K QHD Resolution

The monitor features a 2560x1440 pixel QHD resolution, providing a display clarity that is twice that of a standard HD

monitor. This allows for more screen content and delicate image quality, suitable for image processing and video editing.



Figure 3: Comparison of 1080p and 2K QHD resolutions.

IPS Panel with High Color Gamut

Equipped with an IPS panel, the monitor supports native 8-bit color depth and displays 1.07 billion colors. It covers 100% of the sRGB wide color gamut, ensuring accurate and natural color reproduction with a wide viewing angle of 178 degrees.

IPS, HIGH COLOUR GAMUT

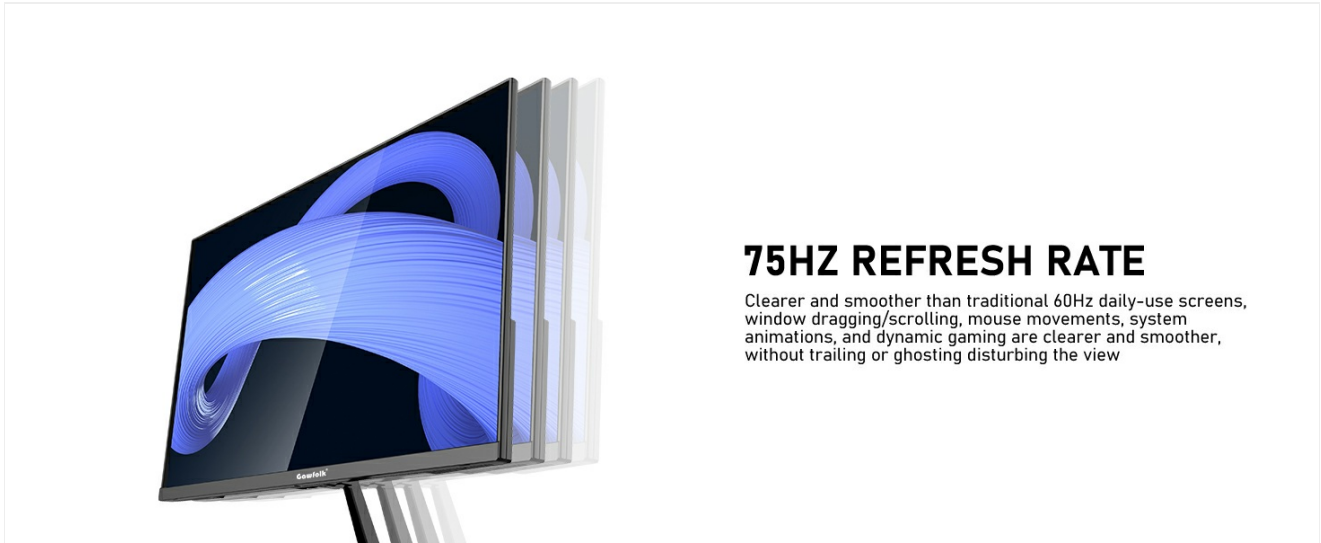
IPS screen, equipped with native 8-bit colour depth, 1.07 billion colours, 100% sRGB colour gamut, faithful colour reproduction without bias, more precise and delicate colours, giving you a more brilliant visual experience.



Figure 4: Visual representation of IPS panel and color capabilities.

75Hz Refresh Rate and Adaptive Sync

The monitor features a 75Hz refresh rate, providing smoother dynamic visuals compared to traditional 60Hz displays. Adaptive Sync technology (FreeSync and G-Sync compatible) effectively reduces motion blur, screen tearing, and ghosting for a more fluid viewing experience, especially during gaming.



75HZ REFRESH RATE

Clearer and smoother than traditional 60Hz daily-use screens, window dragging/scrolling, mouse movements, system animations, and dynamic gaming are clearer and smoother, without trailing or ghosting disturbing the view

Figure 5: Adaptive Sync technology in action, eliminating screen tearing.

Built-in Speakers

Integrated speakers provide clear audio for video playback and conferences, eliminating the need for external audio devices. This enhances the overall audio-visual experience.

BUILT-IN SPEAKER



Figure 6: Monitor with built-in speakers providing audio.

Low Blue Light and Flicker-Free Technology

The monitor incorporates low blue light and flicker-free screen technologies to reduce eye strain during extended usage, promoting a more comfortable viewing experience.

DC DIMMING+LOW BLUE LIGHT

Reduces harmful blue light and minimises screen flicker for comfortable, extended viewing



DC Dimming
Low Blue Light



270cd/m²
Brightness



▲ Blue light, flickering screen

▲ Low blue light, DC dimming

Figure 7: Visual comparison of standard blue light/flicker vs. low blue light/DC dimming.

SPECIFICATIONS

Feature	Specification
Brand	Gawfolk
Model Number	GF600C
Screen Size	27 Inches
Resolution	QHD Wide 1440p (2560 x 1440 Pixels)
Aspect Ratio	16:9
Display Technology	IPS LCD
Refresh Rate	75 Hz

Feature	Specification
Response Time	1 Millisecond
Brightness	320 Candela/m ²
Contrast Ratio	2000:1
Color Gamut	100% sRGB
Viewing Angle	178 Degrees
Connectivity	1x HDMI 2.0, 1x DisplayPort 1.4, 3.5mm Audio Output
Adaptive Sync	FreeSync, G-Sync Compatible
Additional Features	Flicker-Free, Frameless, Low Blue Light, Built-in Speakers
Mounting Type	Desk Mount (VESA compatible 75x75mm)
Item Dimensions (D x W x H)	7.38"D x 24.2"W x 18.35"H
Item Weight	3.3 Kilograms

TROUBLESHOOTING

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

No Power

- Ensure the power cable is securely connected to the monitor and the power outlet.
- Verify the power outlet is functioning by plugging in another device.
- Check if the power adapter is correctly connected to the monitor.

No Signal

- Confirm that the video cable (HDMI or DisplayPort) is firmly connected to both the monitor and your computer/device.
- Ensure your computer/device is powered on and not in sleep mode.
- Use the OSD menu to manually select the correct input source (HDMI or DisplayPort).
- Try a different video cable or port if available.

Image Issues (Distorted, Flickering, Incorrect Colors)

- Check the video cable for damage or loose connections.
- Adjust the brightness, contrast, and color settings through the OSD menu.
- Ensure your graphics card drivers are up to date.
- If using Adaptive Sync, try disabling it temporarily to see if the issue persists.
- Reset the monitor to factory default settings via the OSD menu.

No Sound from Built-in Speakers

- Ensure the monitor's volume is not muted or set too low in the OSD menu.
- Check your computer's sound settings to ensure the monitor is selected as the output device.
- Verify that the HDMI or DisplayPort cable is capable of transmitting audio.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

WARRANTY AND SUPPORT

The Gawfolk 27 inch IPS 2K QHD Monitor (GF600C) comes with a **one-year warranty** covering quality problems from the date of purchase.

For any issues or inquiries regarding your monitor, please contact Gawfolk customer service. We provide 12 months of after-sales service to assist you with any problems you may encounter.

Please refer to the contact information provided with your purchase or visit the official Gawfolk website for support details.