

Gawfolk GF320L

Gawfolk 32-inch 4K 144Hz Gaming Monitor (Model GF320L) User Manual

Model: GF320L

1. INTRODUCTION

Thank you for choosing the Gawfolk 32-inch 4K 144Hz Gaming Monitor. This monitor is designed to provide an immersive visual experience with its 4K UHD resolution, high refresh rate, and adaptive synchronization technology. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your monitor to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- Read all instructions carefully before using the monitor.
- Keep the monitor away from water, moisture, and extreme temperatures.
- 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.
- Refer all servicing to qualified service personnel.

3. SETUP

3.1 Unboxing and Package Contents

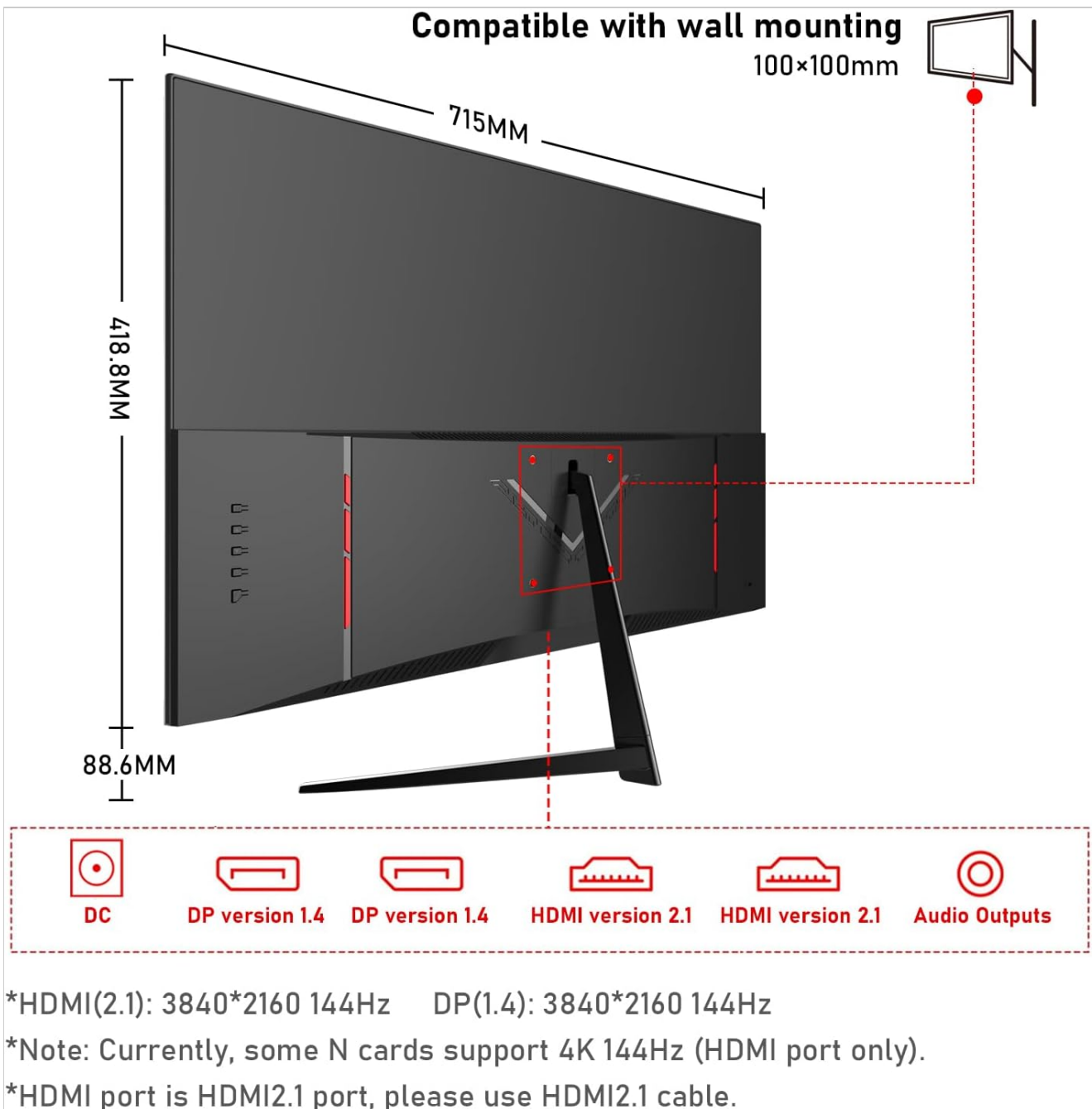
Carefully remove all components from the packaging. Ensure all items listed below are present:

- Gawfolk 32-inch 4K 144Hz Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- DisplayPort Cable

- User Manual

3.2 Stand Assembly

1. Place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor using the provided screws. Ensure it is securely fastened.
3. Attach the stand base to the stand neck, tightening the screw at the bottom of the base.



Rear view of the Gawfolk monitor, illustrating the stand attachment point and various input ports. The monitor is also compatible with VESA 100x100mm wall mounts.

3.3 Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables.

- **Power Connection:** Connect the power adapter to the monitor's DC input port, then plug the adapter into a power outlet.
- **Video Connection:**
 - For 4K@144Hz, use an HDMI 2.1 cable (if your graphics card supports it) or a DisplayPort 1.4 cable.

- Connect one end of the HDMI or DisplayPort cable to the corresponding port on your monitor and the other end to your computer's graphics card.
- **Audio Connection:** If you wish to use external speakers or headphones, connect them to the 3.5mm audio output port on the monitor.

3.4 Initial Power On

Press the power button on the monitor. The monitor should display the Gawfolk logo and then your computer's desktop. If no image appears, ensure all cables are securely connected and the correct input source is selected in the monitor's On-Screen Display (OSD) menu.

4. OPERATING THE MONITOR

4.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Typically, buttons are located on the back or bottom edge of the monitor. Use these buttons to navigate the menu and select options.

4.2 Display Settings

- **Resolution:** The monitor supports 4K UHD (3840 x 2160) resolution. Ensure your computer's display settings are configured to this resolution for the sharpest image.
- **Refresh Rate:** For smooth visuals, especially in gaming, set the refresh rate to 144Hz in your computer's display settings.
- **Color Settings:** This monitor offers 100% sRGB coverage and 16.7 million colors for vibrant and accurate color reproduction. Adjust brightness, contrast, and color temperature via the OSD menu to suit your preference.



16.7 million colors
Color Depth High Dynamic Analysis

ACCURATE REPRODUCTION OF TRUE COLORS

Adopting 8bit panel color depth, 16.7 million color gradient color transitions, more delicate, on-screen color Reduces the effect of color breaks caused by the lack of.

A visual representation of the monitor's display technology, highlighting its capability to reproduce 16.7 million colors for accurate and rich visuals.

4.3 Gaming Features

- **1ms Response Time:** The monitor features a 1ms response time (GTG), minimizing motion blur and ghosting for a more responsive gaming experience.
- **Adaptive Sync (FreeSync):** This technology synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering. Enable FreeSync in your graphics card settings and the monitor's OSD menu.

1MS GTG / FREESYNC TECHNOLOGY

1msGTG reduces smearing at high speeds, and FreeSync synchronization technology reduces frame loss, screen tearing, and stuttering. Precise controls provide a smooth gaming experience.

1ms GTG

Response time

FreeSync

Anti-tear technology



FreeSync ON

When enabled, it effectively eliminates screen tearing



None FreeSync
Screen tearing

A visual comparison demonstrating the benefits of 1ms GTG response time and FreeSync technology, showing reduced screen tearing and smoother visuals when enabled.

4.4 Eye Care Technology

The monitor incorporates low blue light and flicker-free technology to reduce eye strain during prolonged use. These features are designed to enhance viewing comfort.

4.5 Built-in Dual Speakers

The monitor includes built-in dual speakers, providing convenient audio without the need for external speakers. You can adjust the volume through your computer's audio settings or the monitor's OSD menu.

BUILT-IN DUAL SPEAKERS

There is no need for external speakers and headphones, and the built-in dual speakers allow gamers to enjoy a convenient audio-visual experience at any time.



A rear view of the Gawfolk monitor, indicating the position of the integrated dual speakers for convenient audio output.

5. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a specialized screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings on the monitor are clear and not obstructed to prevent overheating.

6. TROUBLESHOOTING

- **No Power:** Check if the power cable is securely connected to both the monitor and the power outlet. Ensure the power adapter is functioning.
- **No Image:** Verify that the video cable (HDMI/DisplayPort) is correctly connected to both the monitor and the computer. Ensure the correct input source is selected in the OSD menu.
- **Flickering Screen:** Check the video cable connection. Ensure the refresh rate is set correctly in your computer's display settings. Enable Adaptive Sync if supported by your graphics card.
- **Poor Image Quality:** Adjust resolution, brightness, contrast, and color settings via the OSD menu. Ensure the video

cable is not damaged.

- **No Sound:** Check the audio cable connection (if using external speakers/headphones). Adjust volume settings on both the monitor and your computer. Ensure the correct audio output device is selected on your computer.

7. SPECIFICATIONS

Feature	Specification
Brand	Gawfolk
Model Number	GF320L
Screen Size	32 Inches
Resolution	4K UHD 2160p (3840 x 2160 Pixels)
Refresh Rate	144 Hz
Response Time	1 Millisecond (GTG)
Aspect Ratio	16:9
Display Type	LED (VA Technology)
Screen Surface Description	Glossy
Special Feature	Curved
Viewing Angle	178 Degrees
Brightness	320 cd/m ²
Color Gamut Value	120% sRGB
Image Quality Enhancement	Eye-Care + Adaptive Sync
Hardware Connectivity	2x HDMI, 2x DisplayPort, 3.5mm Audio
Adaptive Synchronization	FreeSync
Color	Black
Item Weight	6.34 Kilograms
Item Dimensions (D x W x H)	50.7 x 71.5 x 19 Centimeters

8. WARRANTY AND SUPPORT

Gawfolk provides a 12-month after-sales service for this monitor. If you encounter any issues during use, please do not hesitate to contact our customer support for assistance. Our team is dedicated to ensuring your satisfaction.