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Gigastone GL-24FF3

Gigastone 24 inch 165Hz IPS Gaming Monitor (Model GL-24FF3) User Manual

Model: GL-24FF3

1. INTRODUCTION

Thank you for choosing the Gigastone 24 inch 165Hz IPS Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read it thoroughly before use to ensure optimal performance and safety.

This monitor features a 23.8-inch Full HD (1920x1080) IPS panel with a 165Hz refresh rate and 5ms response time, designed to deliver a smooth and immersive visual experience. It includes FreeSync technology to reduce screen tearing and stuttering, and Eye Care technology for comfortable viewing during extended use. The monitor also comes with built-in speakers and supports VESA mounting.



Figure 1: Front view of the Gigastone 24 inch 165Hz IPS Gaming Monitor.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- Gigastone 24 inch 165Hz IPS Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- DisplayPort (DP) Cable
- User Manual (this document)

3. SETUP

3.1 Assembling the Monitor 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 monitor panel by aligning the tabs and pushing until it clicks into place.
3. Attach the stand base to the stand neck. Secure it with the captive screw located at the bottom of the base.

3.2 Connecting the Monitor

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

23.8" Gaming Monitor




HDMI Ver 2.0


HDMI Ver 2.0


DP Ver 1.2


Audio Out

Figure 2: Rear view of the monitor with port labels.

- **Power Connection:** Connect the power adapter to the monitor's power input port, then plug the other end into a power outlet.
- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer's graphics card and the other end to one of the HDMI ports (HDMI Ver 2.0) on the monitor.
- **DisplayPort (DP) Connection:** Connect one end of the DP cable to the DisplayPort on your computer's graphics card and the other end to the DP Ver 1.2 port on the monitor.
- **Audio Output:** For external speakers or headphones, connect them to the Audio Out port on the monitor. The monitor also has built-in speakers.

3.3 VESA Mounting

The monitor supports VESA 100x100mm mounting standards, allowing you to attach it to a compatible wall mount or monitor arm (sold separately). To do this, remove the stand and attach the VESA mount using appropriate screws.

GIGASTONE

23.8" Gaming Monitor



Refresh Rate



Response Time



1920x1080



IPS Panel



100x100 mm



99% sRGB



Eye Care



Adaptive-Sync



Figure 3: Monitor highlighting VESA 100x100mm mounting points.

4. OPERATING THE MONITOR

4.1 Powering On/Off

Press the power button located on the bottom right side of the monitor to turn it on or off. The power indicator light will illuminate when the monitor is on.

4.2 On-Screen Display (OSD) Menu

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

- **Navigation:** Use the directional buttons to move through menu options.
- **Selection:** Press the central button to select an option or confirm a setting.
- **Exit:** Use the 'Exit' or 'Back' button to return to the previous menu or exit the OSD.

4.3 Key Features and Settings

- **Refresh Rate (165Hz):** This monitor supports a high refresh rate of 165Hz, providing smoother motion and reduced input lag, especially beneficial for gaming. Ensure your graphics card and connection cable (DisplayPort or high-speed HDMI) support 165Hz at 1920x1080 resolution. You may need to adjust this setting in your computer's display settings.

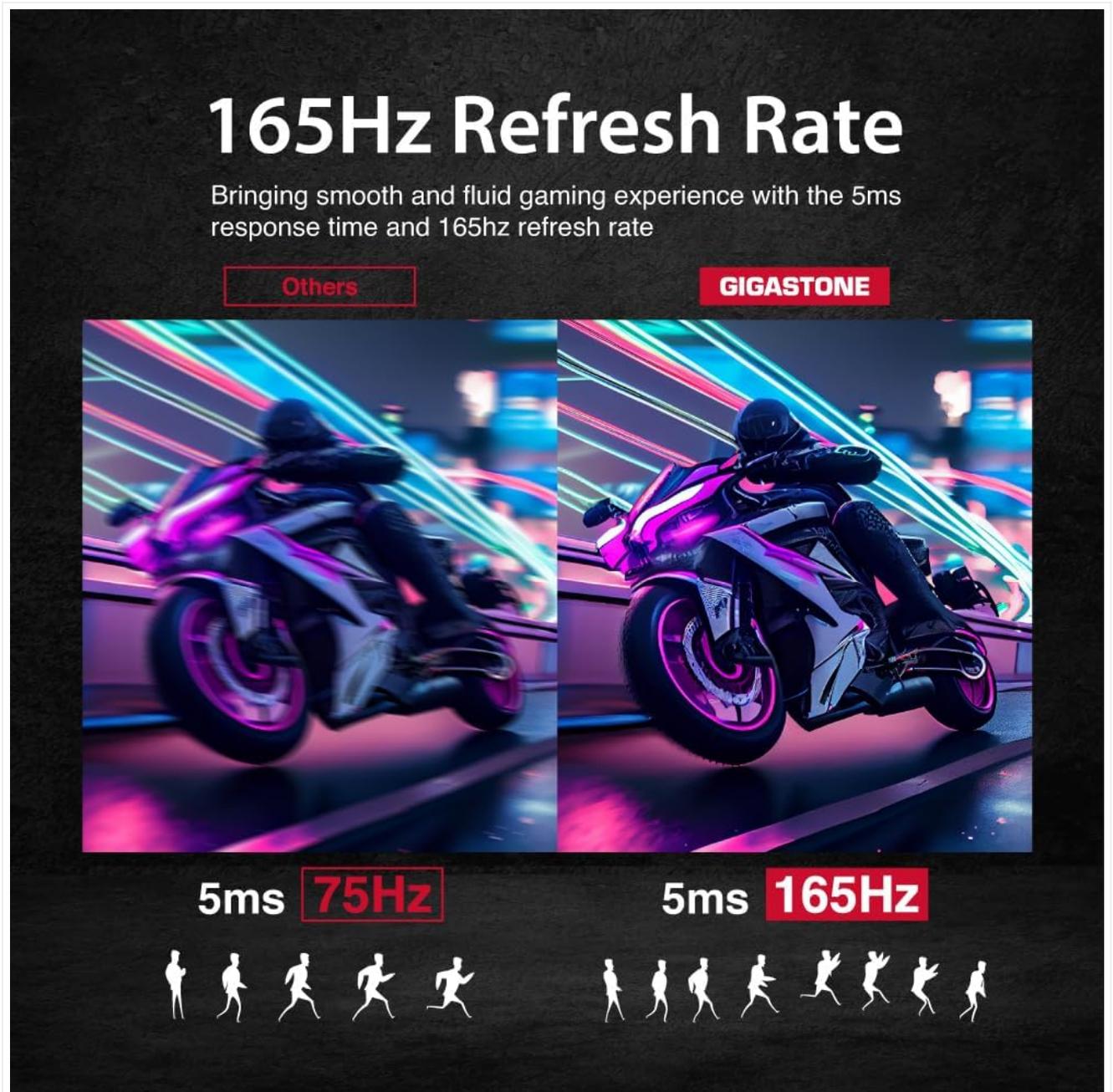


Figure 4: Visual comparison demonstrating the smoothness of 165Hz refresh rate versus 75Hz.

- **FreeSync / Adaptive-Sync:** This technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and reducing stuttering. To enable FreeSync, ensure it is activated in the monitor's OSD menu and in your graphics card's control panel (e.g., AMD Radeon Software).

Adaptive-Sync Technology

Freesync compatible technology virtually eliminates screen tearing, stutter, and input latency, presenting you with an exceptional gaming experience. (Freesync Compatible)

Freesync OFF

Freesync ON



Figure 5: Visual comparison showing the effect of FreeSync technology on screen tearing.

- **Eye Care Technology:** The monitor incorporates features like Blue Light Shift and Anti-Flicker technology to reduce eye strain during prolonged use. These settings can typically be adjusted within the OSD menu.
- **Input Source Selection:** If you have multiple devices connected, use the OSD menu to switch between HDMI 1, HDMI 2, or DisplayPort inputs.
- **Audio Settings:** Adjust the volume of the built-in speakers or connected external audio devices via the OSD menu.

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Video 1: An official product video demonstrating the monitor's features and gaming experience. This video highlights the visual quality and performance aspects of the Gigastone gaming monitor.

5. 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, dampen the cloth slightly with water or a monitor-specific cleaning solution. **Do not** spray liquid directly onto the screen.

- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.

6. TROUBLESHOOTING

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

Problem	Possible Solution
No image on screen	<ul style="list-style-type: none"> ◦ Ensure the power cable is securely connected to both the monitor and the power outlet. ◦ Verify the video cable (HDMI/DP) is properly connected to both the monitor and your computer. ◦ Check if the correct input source is selected in the monitor's OSD menu. ◦ Ensure your computer is powered on and not in sleep mode.
Image is flickering or distorted	<ul style="list-style-type: none"> ◦ Check the video cable for damage or loose connections. ◦ Adjust the refresh rate in your computer's display settings. ◦ Disable or enable FreeSync in the OSD menu and graphics card settings to see if it resolves the issue.
No sound from speakers	<ul style="list-style-type: none"> ◦ Increase the volume in the monitor's OSD menu and your computer's sound settings. ◦ Ensure the correct audio output device is selected on your computer. ◦ If using external speakers, verify their connection to the monitor's Audio Out port.

If the problem persists after trying these steps, please contact Gigastone customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	GL-24FF3
Screen Size	24 Inches (23.8" actual)
Panel Type	IPS
Resolution	1920 x 1080 (FHD)
Refresh Rate	165Hz
Response Time	5ms
Aspect Ratio	16:9
Viewing Angle	178° Wide View

Feature	Detail
Brightness	300 Candela
Contrast Ratio	1000:1
Connectivity	2x HDMI (Ver 2.0), 1x DisplayPort (Ver 1.2), Audio Out
VESA Mount	100x100mm
Special Features	FreeSync, Eye Care Technology (Blue Light Shift & Anti-Flicker), Built-in Speakers
Product Dimensions (L x W x H)	1.87 x 21.26 x 16.39 inches
Item Weight	12.41 pounds

8. WARRANTY AND SUPPORT

This Gigastone monitor comes with a **3-year manufacturer's warranty**. For warranty claims, technical support, or any inquiries, please contact Gigastone customer service. They offer 24/7 world-wide customer service.

Please refer to the official Gigastone website or your purchase documentation for the most up-to-date contact information and detailed warranty terms and conditions.

