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› YEYIAN 27-inch QHD 180Hz Fast IPS Gaming Monitor User Manual (Model: YMF-FP227-M1)

## YEYIAN YMF-FP227-M1

# YEYIAN 27-inch QHD 180Hz Fast IPS Gaming Monitor User Manual

Model: YMF-FP227-M1

## 1. INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your YEYIAN 27-inch QHD 180Hz Fast IPS Gaming Monitor. Please read this manual thoroughly before using the product and retain it for future reference. This monitor is designed to deliver high-performance visuals for gaming and multimedia applications.

## 2. SAFETY INFORMATION

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- Do not expose the monitor to rain or moisture to prevent fire or electric 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 and cables provided or specified by the manufacturer.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.
- Avoid placing heavy objects on the power cord or monitor cables.

## 3. PACKAGE CONTENTS

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Verify that all items listed below are present in your product package:

- YEYIAN 27-inch QHD 180Hz Fast IPS Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- Power Cable
- HDMI Cable
- DisplayPort (DP) Cable
- User Manual (this document)



Image: The YEYIAN 27-inch monitor shown with its included accessories, including the power adapter, power cable, HDMI cable, and DisplayPort cable.

## 4. PRODUCT OVERVIEW

### 4.1 Front View



Image: Front view of the YEYIAN 27-inch QHD 180Hz Fast IPS Gaming Monitor, displaying a high-resolution image. The front of the monitor features a 27-inch QHD (2560x1440) Fast IPS panel with a narrow bezel design. The YEYIAN logo is located at the bottom center. The monitor offers a 180Hz refresh rate and 1ms response time for smooth visual performance.

#### 4.2 Rear View and Ports



Image: Rear view of the YEYIAN 27-inch monitor, highlighting the stand attachment point and ventilation.



Image: Close-up view of the connectivity ports located on the rear of the YEYIAN 27-inch monitor. The rear of the monitor houses the input/output ports and the VESA mount compatibility for alternative mounting solutions. The stand attaches securely to the central mounting point.

#### Available Ports:

- **DC Power Input:** Connects to the external power adapter.
- **USB Type-A:** For connecting peripheral devices.
- **HDMI 2.1 (x2):** Connects to devices supporting HDMI output. Supports 2560x1440 resolution at 144Hz.
- **DisplayPort 1.4 (x2):** Connects to devices supporting DisplayPort output. Supports 2560x1440 resolution at 165Hz (up to 180Hz with compatible DP 1.2 cable).
- **Headphone-out:** For connecting external headphones or speakers.

## 5. SETUP

### 5.1 Stand Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws if applicable (refer to specific diagrams in the printed manual for screw locations).

3. Attach the stand base to the stand neck. Tighten the thumb screw or screws at the bottom of the base until secure.
4. Place the assembled monitor on a stable, flat surface.

## 5.2 Connecting to a Computer or Console

The monitor supports both HDMI and DisplayPort connections.

- **For DisplayPort:** Connect one end of the provided DisplayPort cable to the DisplayPort output on your computer's graphics card and the other end to one of the DisplayPort inputs on the monitor. For 180Hz refresh rate, a DisplayPort 1.2 or higher cable is required.
- **For HDMI:** Connect one end of the provided HDMI cable to the HDMI output on your computer or console and the other end to one of the HDMI inputs on the monitor.

## 5.3 Power Connection

1. Connect the power cable to the power adapter.
2. Plug the power adapter's output connector into the DC power input port on the monitor.
3. Plug the power cable into a grounded electrical outlet.

# 6. OPERATING THE MONITOR

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## 6.1 Power On/Off

Press the power button (usually located on the back or bottom right of the monitor) to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

## 6.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access the OSD menu by pressing the OSD joystick or dedicated OSD button (refer to your monitor's physical controls). Navigate through the menu using the joystick or directional buttons and confirm selections with a press.

### Common OSD Settings:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature, Gamma.
- **Color Settings:** Adjust RGB values, Hue, Saturation. The monitor supports 120% sRGB and 99% DCI-P3 color spaces.
- **Input Select:** Manually switch between DisplayPort and HDMI inputs.
- **Audio:** Adjust volume for the headphone output.
- **Gaming Features:** Overdrive, FreeSync/G-Sync, Crosshair.
- **OSD Settings:** OSD language, transparency, timeout.

## 6.3 Activating AMD FreeSync Premium / G-Sync Compatible

This monitor supports AMD FreeSync Premium and is G-Sync Compatible, which helps eliminate screen tearing and stuttering by synchronizing the monitor's refresh rate with your graphics card's frame rate.

1. Ensure your graphics card drivers are up to date.
2. Connect the monitor to your computer using a DisplayPort cable for optimal performance and to enable higher refresh rates.
3. Enable FreeSync in the monitor's OSD menu (usually under 'Gaming' or 'Display' settings).
4. Enable FreeSync (for AMD GPUs) or G-Sync (for NVIDIA GPUs) in your graphics card's control panel software.

## 7. MAINTENANCE

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### 7.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive cleaning agents.

### 7.2 General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Do not place heavy objects on the monitor or its cables.
- If moving the monitor, handle it carefully and avoid impacts.

## 8. TROUBLESHOOTING

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If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	No power; Incorrect input selected; Loose video cable.	Ensure power cable is connected and power outlet is active. Press power button. Select correct input source via OSD. Check video cable connections.
Image is blurry or distorted	Incorrect resolution; Graphics card settings.	Set display resolution to 2560x1440 in your operating system settings. Update graphics drivers.
Screen flickering	Refresh rate mismatch; Cable issue; FreeSync/G-Sync settings.	Ensure refresh rate is set correctly (e.g., 180Hz). Try a different DisplayPort or HDMI cable. Check FreeSync/G-Sync settings in OSD and graphics card control panel.
No audio from headphone output	Volume too low; Incorrect audio output selected on PC.	Adjust volume in OSD menu and on your computer. Ensure the monitor is selected as the audio output device in your operating system.

## 9. SPECIFICATIONS

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The following table outlines the technical specifications of the YEYIAN 27-inch QHD 180Hz Fast IPS Gaming Monitor:



Image: Diagram illustrating the physical dimensions of the YEYIAN 27-inch monitor.

Feature	Detail
Model Number	YMF-FP227-M1
Screen Size	27 Inches
Panel Type	Fast IPS
Resolution	2560 x 1440 (QHD)
Refresh Rate	180Hz (via DisplayPort 1.2+)
Response Time	1ms
Brightness	350 cd/m <sup>2</sup>
Contrast Ratio	1000:1 (Dynamic)
Color Gamut	120% sRGB, 99% DCI-P3
Viewing Angle	178° (Horizontal/Vertical)
HDR Support	HDR 10

Feature	Detail
Adaptive Sync	AMD FreeSync Premium, G-Sync Compatible
Connectivity	2x DisplayPort 1.4, 2x HDMI 2.1, 1x USB Type-A, 1x Headphone-out
VESA Mount	Supported (specific pattern not provided, typically 75x75mm or 100x100mm)
Dimensions (LxWxH)	8.27 x 14.96 x 19.29 inches (with stand)
Item Weight	11.99 pounds
Color	Black

## 10. WARRANTY AND SUPPORT

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YEYIAN products are covered by a limited warranty. For detailed warranty information, terms, and conditions, please refer to the warranty card included with your product or visit the official YEYIAN website. For technical support, troubleshooting assistance, or service inquiries, please contact YEYIAN customer support through their official channels.

**YEYIAN Official Website:** [www.yeyian.com](http://www.yeyian.com)