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Z-Edge UG24PJ

Z-Edge UG24PJ 24-inch 240Hz IPS FHD Gaming Monitor User Manual

Model: UG24PJ

1. Introduction

Thank you for purchasing the Z-Edge UG24PJ 24-inch 240Hz IPS FHD Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read it thoroughly before use and keep it for future reference.
This monitor is designed to deliver a superior visual experience with its 240Hz refresh rate, 1ms response time, IPS panel, and Full HD (1920x1080) resolution. It also features AMD FreeSync technology and HDR10 support for enhanced gaming and multimedia performance, along with eye-care technologies for comfortable extended use.

2. Safety Information

- Ensure the monitor is placed on a stable, flat surface to prevent accidental falls.
- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid blocking ventilation openings to prevent overheating.
- Use only the power adapter provided with the monitor.
- Disconnect the power cable during lightning storms or when unused for long periods.
- Do not attempt to repair the monitor yourself. Refer all servicing to qualified personnel.
- Keep the monitor away from strong magnetic fields.

3. Package Contents

Please check the package for the following items:

- Z-Edge UG24PJ Monitor Body
- Monitor Stand (Base and Neck)
- Power Adapter
- DisplayPort (DP) Cable

- User Manual (This document)



Image: Z-Edge UG24PJ Monitor packaging and included accessories.

4. Product Overview

4.1 Front View

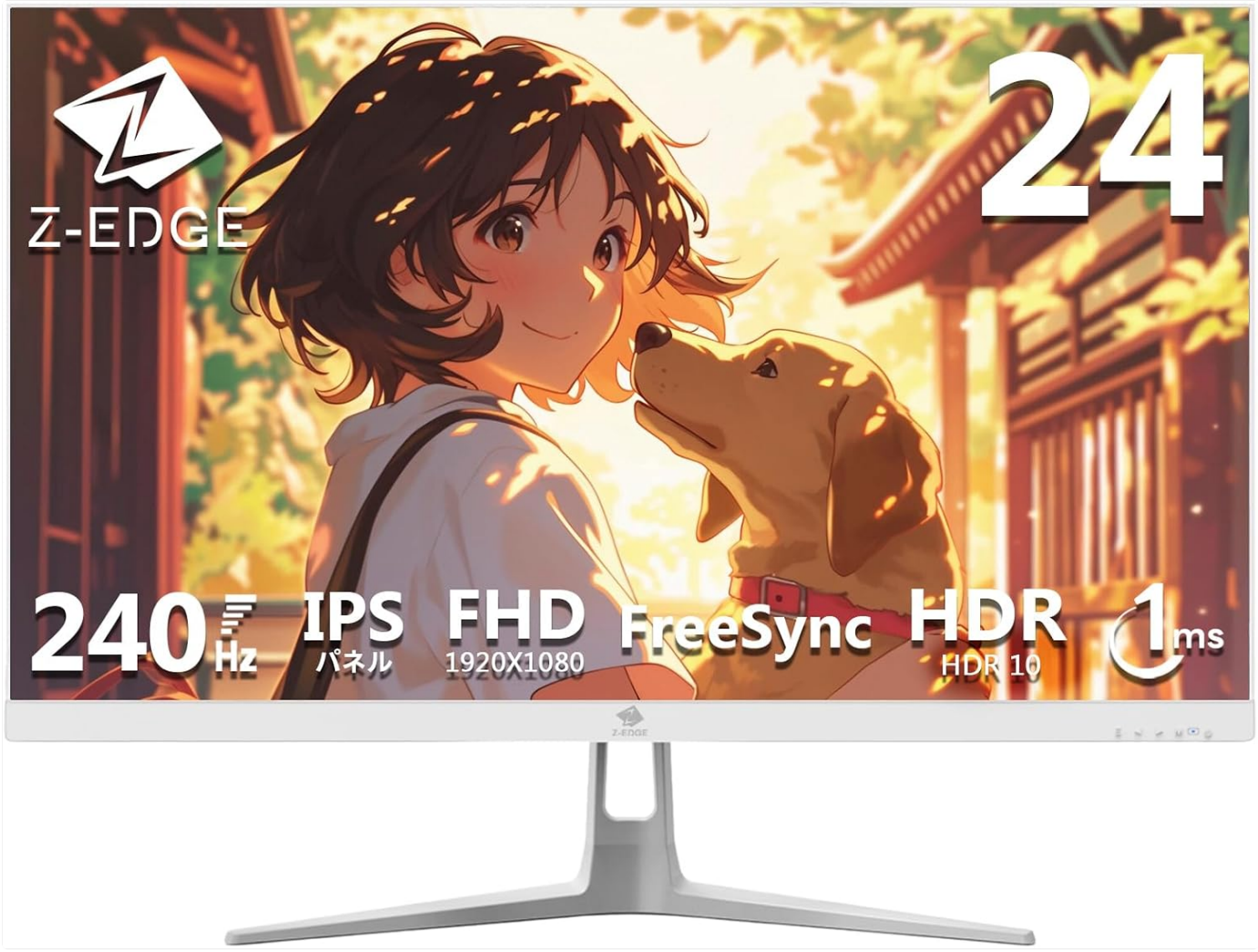


Image: Front view of the Z-Edge UG24PJ monitor, showcasing its slim bezels and stand.

The front of the monitor features a 24-inch IPS panel with minimal bezels for an immersive viewing experience. The Z-Edge logo is subtly placed at the bottom center.

4.2 Rear View and Ports



Image: Rear view of the Z-Edge UG24PJ monitor, highlighting the input/output ports.

The rear of the monitor houses the input/output ports and VESA mount points. Available ports include:

- **DC 12V:** Power input port.
- **HDMI 1/2 (2.0):** Two HDMI ports supporting up to 240Hz refresh rate.

- **DP 1/2 (1.4):** Two DisplayPort ports supporting up to 240Hz refresh rate.
- **AUDIO OUT:** 3.5mm audio jack for connecting external speakers or headphones.

4.3 Control Buttons

The monitor features control buttons, typically located on the back or bottom right side, to access the On-Screen Display (OSD) menu. These buttons allow you to navigate through settings such as brightness, contrast, color modes, input selection, and gaming features.

5. Setup

5.1 Assembling the Stand

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

Note: The monitor also supports VESA 75x75mm mounting for wall mounts or desk arms. Ensure to use appropriate VESA screws and mounting hardware (not included).



Image: Illustration of VESA mount compatibility and a multi-screen setup.

5.2 Connecting to a PC or Console

1. **Power Off:** Ensure both your monitor and computer/console are powered off.
2. **Connect Video Cable:** Connect one end of the DisplayPort (DP) cable (recommended for 240Hz) or an HDMI cable to the corresponding port on your monitor. Connect the other end to the video output port on your computer's graphics card or game console.
3. **Connect Audio (Optional):** If you are using external speakers or headphones and not relying on HDMI/DP audio, connect them to the AUDIO OUT port on the monitor.

5.3 Power Connection

1. Connect the power adapter to the DC 12V port on the monitor.
2. Plug the power adapter into a wall outlet.

6. Operating Instructions

6.1 Power On/Off

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

6.2 OSD Menu Navigation

Use the control buttons on the monitor to navigate the On-Screen Display (OSD) menu. Typically, one button opens the menu, and other buttons are used for navigation (up/down, left/right) and selection (enter/exit).

6.3 Picture Settings

Within the OSD menu, you can adjust various picture settings:

- **Brightness:** Adjust the overall luminance of the screen.
- **Contrast:** Adjust the difference between light and dark areas.
- **Color Temperature:** Select from presets (e.g., Warm, Cool, User) or adjust RGB values manually.
- **HDR:** Enable or disable HDR mode for compatible content. This monitor supports HDR10 for more vivid and realistic colors.



Image: Visual comparison demonstrating the enhanced detail and color of HDR versus SDR.

6.4 Gaming Features

Optimize your gaming experience with these settings:

- **Refresh Rate:** The monitor supports up to 240Hz. Ensure your graphics card settings are configured to output at this refresh rate for the smoothest experience.
- **Response Time:** The monitor features a 1ms response time. This can often be adjusted in the OSD (e.g., Overdrive

settings) to reduce motion blur.

- **AMD FreeSync:** Enable FreeSync in the OSD menu and in your AMD graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.
- **Game Modes:** The monitor may offer preset game modes (e.g., FPS, RTS) that optimize display settings for specific game genres.



Image: Visual comparison illustrating the difference between 144Hz and 240Hz refresh rates, showing smoother motion at 240Hz.



Image: Visual comparison demonstrating the reduced ghosting with a 1ms response time compared to 6ms.

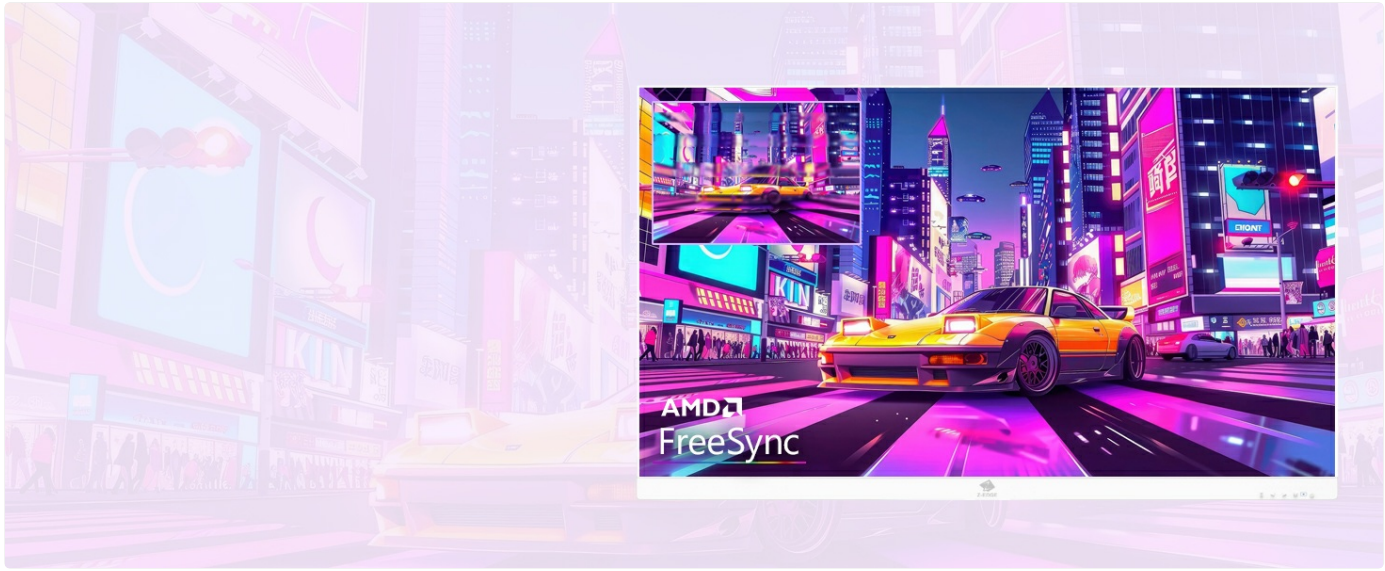


Image: Visual comparison showing the elimination of screen tearing when AMD FreeSync is enabled.

6.5 Eye Care Features

The monitor includes features to reduce eye strain during prolonged use:

- **Blue Light Filter:** Reduces harmful blue light emissions. This can be adjusted or enabled/disabled in the OSD menu.
- **Flicker-Free Technology:** Eliminates screen flickering, which can cause eye fatigue. This feature is always active.

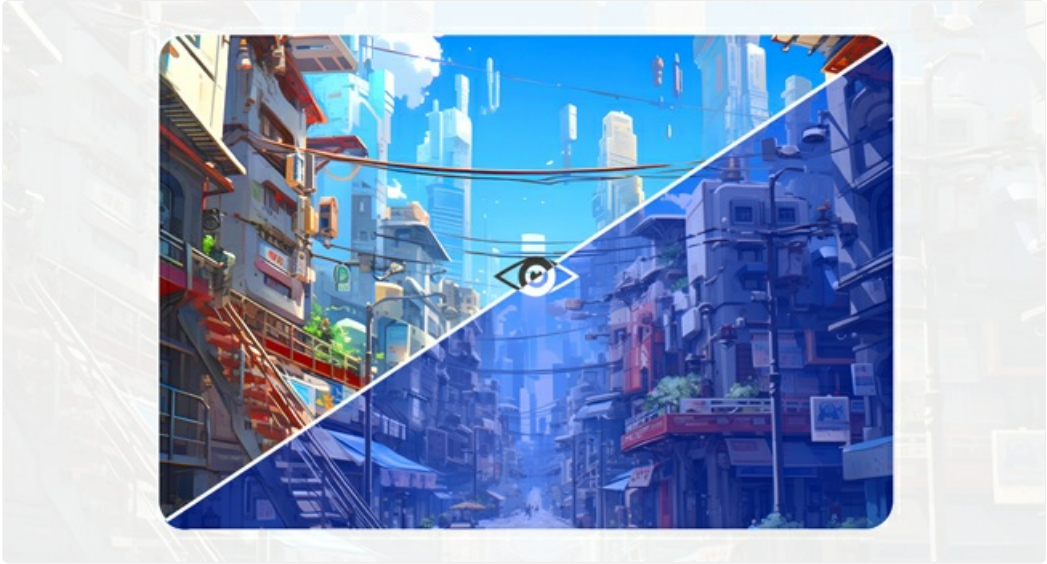


Image: Visual comparison showing the effect of the blue light filter on screen color, reducing eye strain.

7. Maintenance

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using strong detergents or solvents.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, preferably in its original packaging.

8. Troubleshooting

Problem	Possible Cause	Solution
No image on screen	No power; Incorrect video input; Loose video cable	Check power connection; Select correct input source via OSD; Reconnect video cable securely.
Image is blurry or distorted	Incorrect resolution; Graphics driver issue	Set display resolution to 1920x1080; Update graphics drivers.
No sound from audio out	Volume too low; Incorrect audio output device; Loose audio cable	Adjust monitor/PC volume; Select monitor as audio output in PC settings; Reconnect audio cable.
Screen flickering or tearing	FreeSync not enabled; Low frame rate	Enable AMD FreeSync in OSD and graphics card settings; Ensure stable frame rates.
Monitor not reaching 240Hz	Incorrect cable; PC settings; Graphics card limitation	Use DisplayPort 1.4 or HDMI 2.0 cable; Set refresh rate to 240Hz in PC display settings; Ensure graphics card supports 240Hz at 1080p.

9. Specifications

Brand	Z-Edge
Model	UG24PJ
Screen Size	24 inches
Panel Type	IPS
Resolution	FHD (1920 x 1080)
Aspect Ratio	16:9
Refresh Rate	240 Hz
Response Time	1 ms
Contrast Ratio	1000:1
Viewing Angle	178 degrees (H/V)
HDR Support	HDR10
Adaptive Sync	AMD FreeSync
Connectivity	2x HDMI 2.0, 2x DisplayPort 1.4, 1x Audio Out (3.5mm)

Power Consumption	42W (typical)
VESA Mount	75 x 75 mm
Special Features	Flicker-Free, Blue Light Filter, Non-Glare Screen

10. Warranty and Support

Z-Edge offers a 30-day money-back guarantee to ensure a confident shopping experience for all customers.
The basic warranty period for this device is**12 months** from the date of shipment. By registering your product on the official Z-Edge website within 30 days of product arrival, the warranty for monitors is extended to **24 months**.
For technical support, warranty claims, or any inquiries, please visit the official Z-Edge website or contact their customer service through the details provided on their website.
Official Z-Edge Store: Z-Edge Amazon Store

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