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› [ZER-LON 34-inch Curved Gaming Monitor \(Model PD22340W\) Instruction Manual](#)

## ZER-LON PD22340W

# ZER-LON 34-inch Curved Gaming Monitor (Model PD22340W) Instruction Manual

Brand: ZER-LON | Model: PD22340W

## 1. INTRODUCTION

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The ZER-LON 34-inch Curved Gaming Monitor offers an expansive 21:9 WQHD (3440x1440) display with a 1500R curvature for an immersive viewing experience. Designed for both productivity and gaming, it features a high 165Hz refresh rate, 1ms (MPRT) response time, and FreeSync technology to ensure smooth visuals. With 125% sRGB color coverage and 350nits brightness, it delivers vibrant and detailed images. This manual provides essential information for setting up, operating, and maintaining your monitor.

## 2. WHAT'S IN THE BOX

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Carefully unpack the box and ensure all items are present:

- ZER-LON 34-inch Curved Gaming Monitor
- Monitor Stand (Base and Neck)
- DP Cable
- Power Adapter
- Power Cable
- Screws for Stand Assembly
- User Manual (this document)



Figure 2.1: Contents of the ZER-LON 34-inch Curved Gaming Monitor box. Includes the monitor, stand parts, DP cable, power adapter, and screws.

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Video 2.1: An unboxing video demonstrating the contents of the ZER-LON 34-inch Curved Gaming Monitor package, including the monitor, stand, and accessories.

## 3. SETUP AND ASSEMBLY

### 3.1 Stand Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the monitor neck to the base using the provided screw. Tighten securely.
3. Align the assembled stand with the mounting area on the back of the monitor.
4. Insert the stand into the monitor's mounting slot until it clicks into place or is secured with screws, depending on the design.

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Video 3.1: This video demonstrates the unboxing and modular installation process of the monitor stand, showing how to attach the stand components

and secure them to the monitor without tools.

### 3.2 Wall Mounting (Optional)

The monitor is VESA compatible (100 mm x 100 mm). If using a VESA mount, ensure the stand is removed and follow the instructions provided with your VESA mounting kit.

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Video 3.2: A video showing the process of setting up a 34-inch curved ultrawide monitor, including attaching a wall mount adapter to the monitor's VESA mounting points.

### 3.3 Connecting Devices

Connect your devices to the monitor using the appropriate cables:

- **DisplayPort (DP1.4 x2):** For high refresh rate and resolution connections to PCs.
- **HDMI (HDMI2.0 x2):** For connecting to PCs, gaming consoles (Xbox, PS5), and other HDMI-enabled devices.
- **3.5mm Audio Port:** For connecting external speakers or headphones.
- **Power Input:** Connect the power adapter to the monitor and then to a power outlet.

# Multifunctional interface

Lighting Effects Coloured

VESA Support 100x100mm

Support 165Hz DP1.4 x2

Support 144Hz HDMI2.0 x2

Audio Out

DC x1

Figure 3.1: Rear view of the ZER-LON monitor highlighting the various input ports for connectivity.

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Video 3.3: A short video showcasing the appearance and various ports of the 34-inch 165Hz curved gaming monitor, including HDMI and DisplayPort connections.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

Press the power button, usually located on the back or bottom of the monitor, to turn it on or off. The power indicator light will illuminate when the monitor is active.

### 4.2 OSD Menu Navigation

The On-Screen Display (OSD) menu is controlled via a joystick or buttons typically located on the back of the monitor. Use the joystick to navigate through menu options and adjust settings.

- Push the joystick in to open the OSD menu.
- Move the joystick Up/Down/Left/Right to navigate.
- Push the joystick in again to select an option or confirm a setting.
- Move the joystick Left to exit a sub-menu or the OSD menu.

### 4.3 Display Settings

Adjust the following settings via the OSD menu for optimal viewing:

- **Brightness:** Adjust the overall luminance of the screen (up to 350 cd/m<sup>2</sup>).
- **Contrast:** Modify the difference between light and dark areas.
- **Color Settings:** Fine-tune color temperature, hue, and saturation. The monitor supports 8-bit color depth and 125% sRGB coverage.
- **HDR:** Enable or disable HDR technology for enhanced contrast and color detail.
- **Black Equalizer:** Adjust black levels for improved visibility in dark scenes, particularly useful in gaming.
- **Low Blue Light:** Activate to reduce blue light emission for eye comfort during prolonged use.

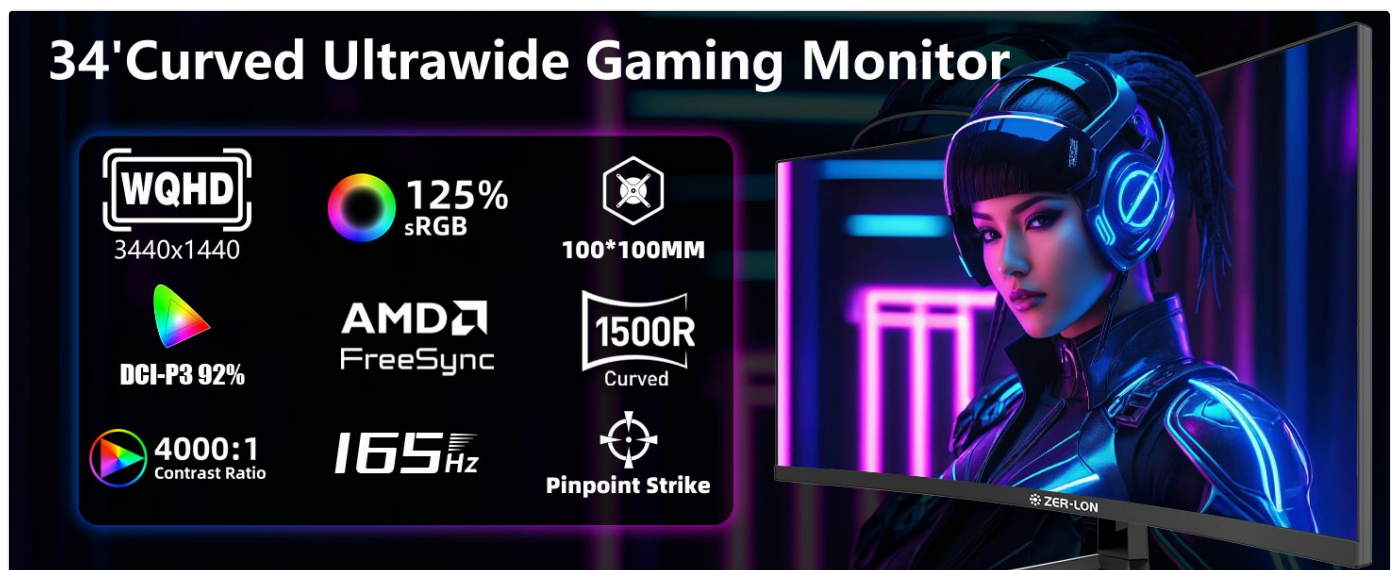


Figure 4.1: Visual representation of the monitor's display capabilities.



Figure 4.2: HDR10 support enhances contrast and color details for a more immersive viewing experience.



Figure 4.3: The Black Equalizer feature improves visibility in dark areas of games and media.

#### 4.4 Gaming Features

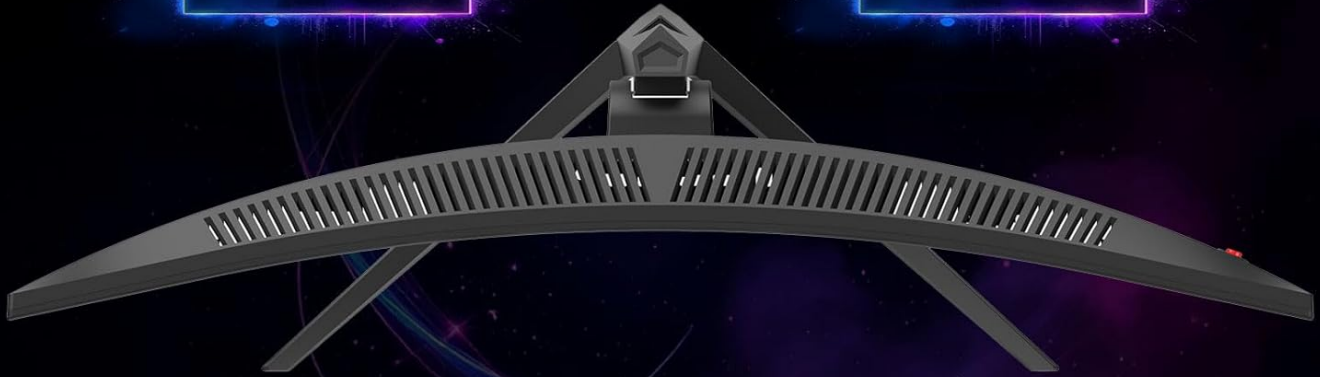
- **Refresh Rate:** The monitor supports up to 165Hz refresh rate for fluid motion. Ensure your connected device and cable support this refresh rate.
- **Response Time:** Enjoy a rapid 1ms (MPRT) response time to minimize motion blur and ghosting.
- **FreeSync Technology:** Enable FreeSync to synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.

# 1500R Curvature Creates a Wider Field of View

You can see more content without excessive head movement

**1500R**  
curvature

**178°**  
Wide Viewing Angles



**1500R**  
curvature

2800R  
1800R  
1500R



Figure 4.4: Visual comparison of key gaming performance features: refresh rate, response time, and FreeSync.

## EASYTO-OPERATE BUTTON

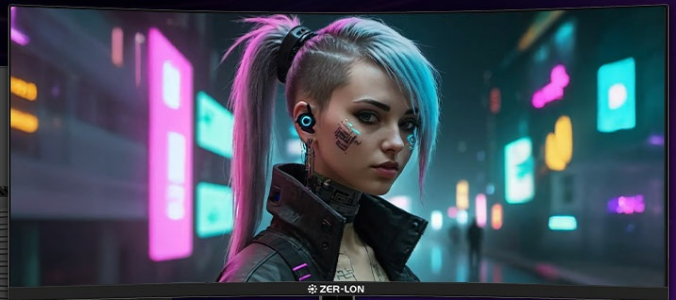
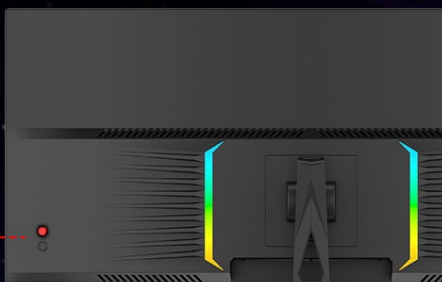
Menu  
Select the Right Item  
Select the Left Item  
Select this Feature



Lighting Effects  
Coloured



VESA Support  
100x100mm



Support 165Hz



DP1.4 x2

Support 144Hz



HDMI 2.0 x2



Audio Out



DC x1

Figure 4.5: FreeSync technology ensures a smooth, tear-free gaming experience.

## 4.5 Audio Settings

The monitor includes built-in speakers. You can adjust the volume through the OSD menu or connect external audio devices to the 3.5mm audio output port.

## 4.6 Multi-Window Functionality (PIP/PBP)

The monitor supports Picture-in-Picture (PIP) and Picture-by-Picture (PBP) modes, allowing you to display content from multiple input sources simultaneously. Refer to the OSD menu for options to configure these modes.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your monitor:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid harsh chemicals.
- **Ventilation:** Ensure adequate airflow around the monitor to prevent overheating. Do not block the ventilation slots.
- **Power:** Disconnect the power cable during thunderstorms or if the monitor will be unused for an extended period.

## 6. TROUBLESHOOTING

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If you encounter issues with your monitor, try the following solutions:

- **No Display/Black Screen:**
  - Ensure the power cable is securely connected to both the monitor and the power outlet.
  - Verify that the video cable (DP or HDMI) is firmly connected to both the monitor and your device.
  - Check if the correct input source is selected in the OSD menu.
  - Test with a different video cable or device if possible.
- **No Sound from Built-in Speakers:**
  - Increase the volume in the OSD menu and on your connected device.
  - Ensure the audio output is not muted on the monitor or your device.
  - If using external speakers/headphones, ensure they are correctly connected to the 3.5mm audio port.
- **Screen Tearing/Stuttering:**
  - Ensure FreeSync technology is enabled in the OSD menu and on your graphics card settings.
  - Verify that your graphics card drivers are up to date.
- **Incorrect Resolution/Refresh Rate:**
  - Adjust the display settings in your operating system (e.g., Windows Display Settings) to the native WQHD (3440x1440) resolution and desired refresh rate (up to 165Hz).
  - Ensure your video cable supports the desired resolution and refresh rate.
- **OSD Menu Difficult to Navigate:**
  - Familiarize yourself with the joystick controls. Some users note that the direction of menu selection might be reversed from initial expectations.

## 7. SPECIFICATIONS

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Feature	Specification
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Feature	Specification
Product Dimensions	4.4 x 31.73 x 19.1 inches
Item Weight	15.27 pounds
Item Model Number	PD22340W
Standing Screen Display Size	34 Inches
Aspect Ratio	21:9
Resolution	3440 x 1440 Pixels (WQHD)
Refresh Rate	165Hz
Curvature	1500R
Response Time	1ms (MPRT)
Image Brightness	350 cd/m <sup>2</sup>
Color Depth	8-bit
sRGB Coverage	125%
Adaptive Sync	FreeSync
Connectivity	2x HDMI2.0, 2x DisplayPort1.4, 1x 3.5mm Audio Out
Wall Mounting	100 mm x 100 mm VESA
Built-in Speakers	Yes

## 8. WARRANTY AND SUPPORT

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The ZER-LON 34-inch Curved Gaming Monitor comes with a **12-month warranty**. For any assistance, technical support, or warranty claims, please contact ZER-LON customer support. Refer to the contact information provided in your product packaging or on the official ZER-LON website.