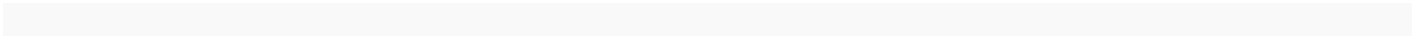


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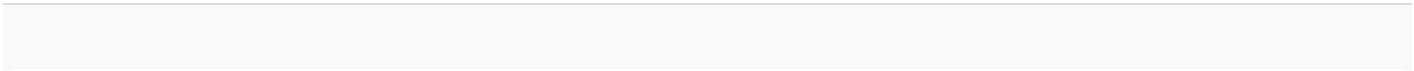
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> Pixio PXC248 Wave 24 inch 200Hz Refresh Rate FHD 1080p Resolution 1500R Curve Fast VA Panel 1ms GTG Response Time Adaptive Sync HDR Curved Gaming Monitor User Manual

Pixio PXC248



Pixio PXC248 Wave 24-inch Curved Gaming Monitor User Manual

Model: PXC248



1. INTRODUCTION

Thank you for choosing the Pixio PXC248 Wave 24-inch Curved Gaming Monitor. This monitor is designed to provide an immersive and high-performance gaming experience with its 1500R curved panel, 200Hz refresh rate, and 1ms GTG response time. It features FHD 1080p resolution, a Fast VA panel for vibrant colors and deep contrasts, Adaptive Sync technology, and HDR support for enhanced visuals.



Figure 1.1: Front view of the Pixio PXC248 Wave monitor, highlighting its curved design and key specifications like 200Hz, 1080p FHD, Fast VA, and 1ms GTG.

2. SETUP

2.1 Package Contents

Before you begin, please ensure all components are present:

- Pixio PXC248 Wave Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- DisplayPort Cable
- User Manual (this document)

2.2 Assembling the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting points and securing with screws if provided.
3. Connect the stand base to the stand neck, tightening the thumb screw or screws from the bottom of the base.

2.3 Connecting the Monitor

The Pixio PXC248 Wave offers versatile connectivity options. Connect your devices using the appropriate ports:

- **DisplayPort (DP 1.4):** For high refresh rate and resolution connections to a PC.
- **HDMI (HDMI 2.0):** For connecting gaming consoles, laptops, or other devices.
- **Earphone Jack:** For connecting external audio devices.
- **USB:** For service or specific peripheral connections.
- **DC In:** Connect the power adapter here.

All the ports you need

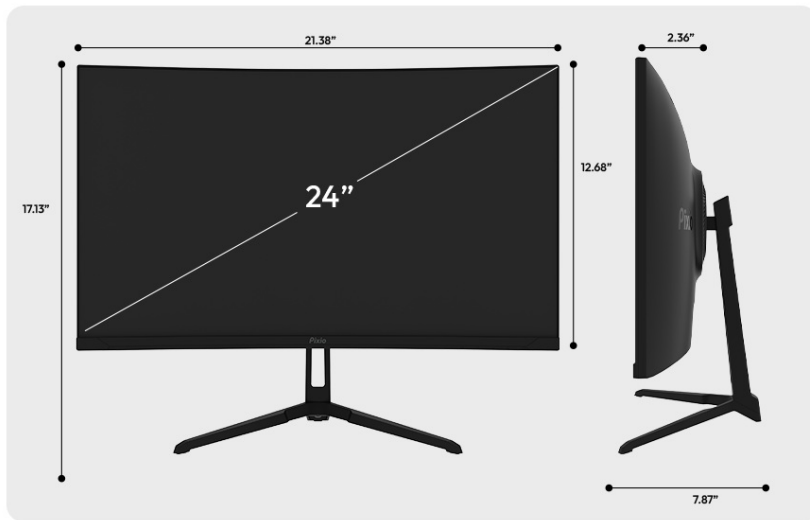
Multi-port connectivity for work, play,
and everything in between.



Figure 2.1: Rear view of the monitor showing the various input and output ports including DP 1.4, HDMI 2.0, Earphone, USB, and DC power input.

2.4 VESA Mounting

The monitor is VESA mount ready, supporting 75x75mm or 100x100mm patterns. This allows for flexible mounting options with compatible monitor arms or wall mounts.



Mount Ready

75x75mm or 100x100mm mount ready, perfect for your customized setup with included mount adapter.

Figure 2.2: Diagram illustrating the monitor's dimensions and VESA mount compatibility for custom setups.

3. OPERATING THE MONITOR

3.1 Power On/Off and OSD Navigation

The monitor typically features a joystick control located on the bottom or back for power and On-Screen Display (OSD) menu navigation. Press the joystick to power on/off or to access the OSD menu. Move the joystick in different directions to navigate through menu options and adjust settings.

3.2 Key Features and Settings

- **200Hz Refresh Rate:** Experience ultra-smooth, tear-free gameplay. This high refresh rate ensures every action is rendered with exceptional clarity and fluidity, crucial for fast-paced games.

200Hz Refresh Rate

React in real time, with every moment
under your control.



✗ 75Hz



✗ 60Hz

Figure 3.1: Visual comparison demonstrating the smoothness of 200Hz refresh rate versus lower refresh rates (75Hz and 60Hz), showing reduced motion blur.

- **1ms GTG Response Time:** Achieve pixel-perfect precision with minimal ghosting and motion blur, keeping you ahead in competitive scenarios.
- **1500R Curved Panel:** The immersive curvature wraps around your field of vision, providing a more engaging and distraction-free gaming experience.

Elevate Your Aim

Gain pinpoint accuracy with on-screen crosshairs.
Perfectly align every shot when precision is key.

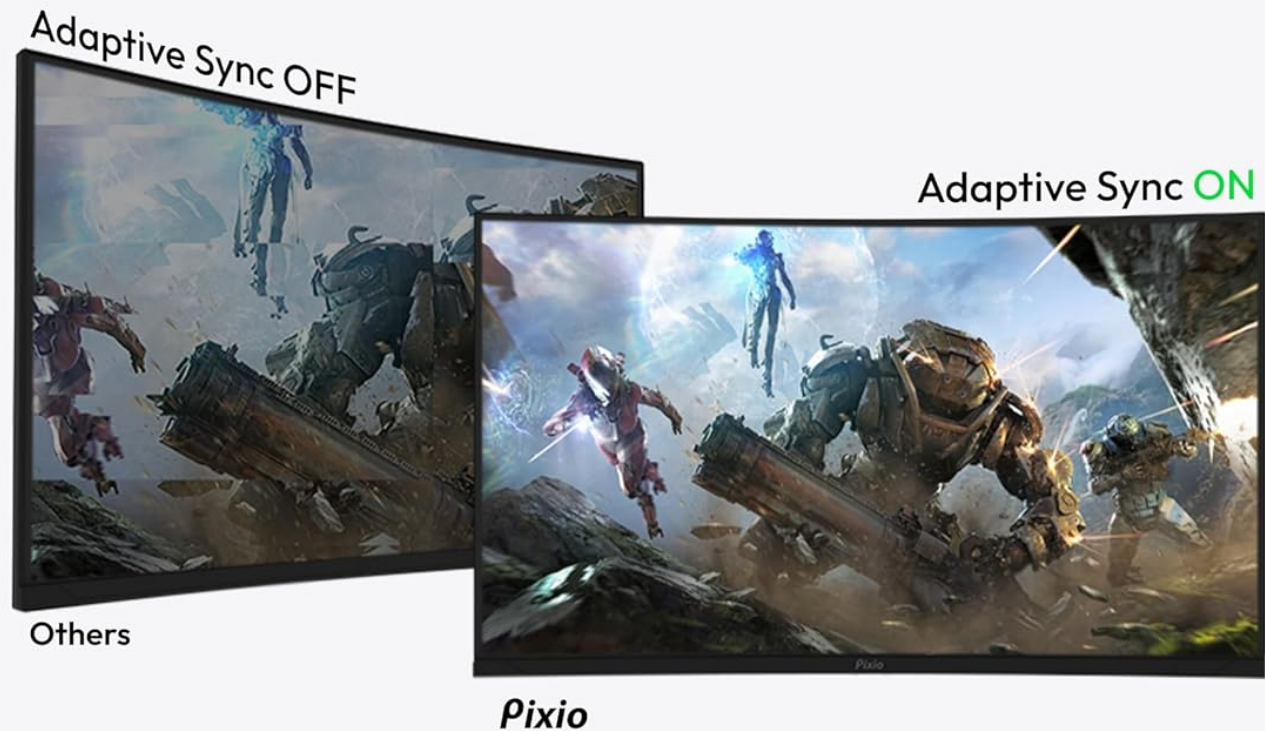


Figure 3.2: Diagram illustrating the 1500R curvature of the monitor, emphasizing its immersive viewing angle.

- **Adaptive Sync:** Synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering for smooth gameplay.

Pure performance for every frame

Designed for speed, accuracy, and immersion in every game.



Others

✗ 60Hz
Laggy Performance

✗ Frame Skip
Disruptive Gameplay

✗ Standard Panel
Backlight issues

Pixio

✓ 200Hz
Smooth gameplay

✓ Adaptive Sync
Eliminate screen tearing mid game

✓ Fast VA Panel
Enhanced color accuracy

Figure 3.3: Comparison showing the visual difference between Adaptive Sync OFF (laggy performance, frame skip, backlight issues) and Adaptive Sync ON (smooth gameplay, no screen tearing, enhanced color accuracy).

- **HDR Support:** Displays a wider range of colors and brightness levels, resulting in a more realistic and immersive viewing experience with enhanced vibrancy and detail. The monitor offers 108.86% sRGB and a 3000:1 contrast ratio.

Vivid & accurate color display

Richer shades, smoother transitions, and uniform visuals with 108.86% sRGB, 3,000:1 contrast ratio, and HDR support.



108.86%
sRGB

3,000:1
Contrast Ratio

HDR

Figure 3.4: Image demonstrating the vivid and accurate color display capabilities of the monitor, highlighting its sRGB coverage, contrast ratio, and HDR support.

- **Low Blue Light:** Minimize blue light emission and flicker for reduced eye strain and extended viewing comfort during long gaming sessions.



Focused play, less eye strain

Minimize blue light and flicker for relaxed, comfortable viewing.

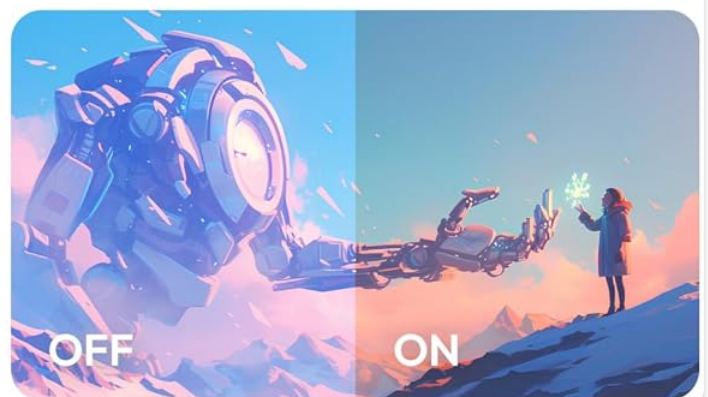


Figure 3.5: Image showing the effect of Low Blue Light mode, with a split screen demonstrating the difference between the feature being off and on for reduced eye strain.

- **On-Screen Crosshairs:** Gain pinpoint accuracy with built-in on-screen crosshairs, helping you perfectly align every shot when precision is key.

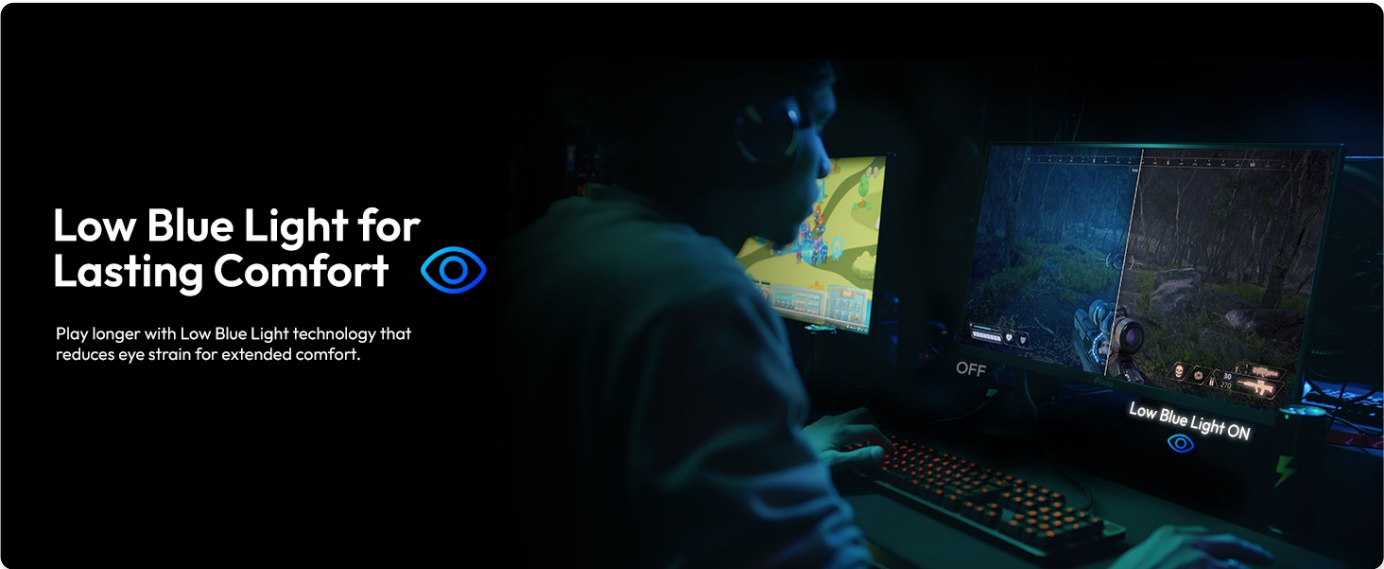


Figure 3.6: Screenshot from a game demonstrating the on-screen crosshair feature for improved aiming accuracy.

4. MAINTENANCE

4.1 Cleaning the Monitor

To maintain the monitor's appearance and performance:

- Always power off the monitor and unplug it from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Gently wipe the screen and exterior surfaces. Avoid spraying liquid directly onto the screen or into any openings.
- Do not use alcohol, ammonia, or abrasive cleaners, as they may damage the screen coating.

4.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Keep the monitor away from direct sunlight, heat sources, and excessive moisture.
- Ensure proper ventilation around the monitor to prevent overheating.

5. TROUBLESHOOTING

If you encounter issues with your Pixio PXC248 Wave monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on screen	Monitor not powered on; Incorrect input selected; Loose cable connection	Ensure power cable is securely connected and monitor is turned on. Press the joystick to check power. Verify the correct input source (DP/HDMI) is selected in the OSD menu. Check DisplayPort/HDMI cable connections at both the monitor and the source device.
Image is blurry or unclear	Incorrect resolution; Sharpness setting too low; Cable quality issue	Ensure your device's display resolution is set to 1920x1080 (FHD). Access the OSD menu and adjust the 'Sharpness' setting. Try using a different DisplayPort or HDMI cable.
Screen tearing or stuttering	Adaptive Sync not enabled; GPU driver issues	Ensure Adaptive Sync is enabled in the monitor's OSD menu and in your graphics card control panel (e.g., NVIDIA Control Panel, AMD Radeon Software). Update your graphics card drivers to the latest version.
Ghosting or motion blur	Overdrive setting; Response time setting	Adjust the 'Overdrive' or 'Response Time' setting in the OSD menu. Experiment with different levels (e.g., Medium) to find the optimal balance between response time and image quality.
No audio from earphone jack	Volume too low; Incorrect audio output selected on PC	Increase the volume on the monitor's OSD menu and on your connected device. Ensure the monitor is selected as the audio output device in your computer's sound settings.

6. SPECIFICATIONS

Feature	Specification
Model Number	PXC248
Screen Size	24 Inches
Resolution	FHD 1080p (1920 x 1080 Pixels)
Refresh Rate	200Hz
Response Time	1ms GTG (Gray-to-Gray)
Panel Type	Fast VA
Curvature	1500R
Aspect Ratio	16:9
Image Brightness	300 Candela
Connectivity	DisplayPort 1.4, HDMI 2.0, Earphone Jack, USB, DC In

Feature	Specification
Product Dimensions	8 x 17.5 x 21.5 inches
Item Weight	9.28 pounds
Voltage	12 Volts
VESA Mount	75x75mm or 100x100mm

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Pixio website or contact Pixio customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Pixio

For the most up-to-date support resources, visit: www.pixiogaming.com/support

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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