

Pixio PX277OLEDMAX

Pixio PX277 OLED MAX 27-inch QHD 240Hz Gaming Monitor User Manual

Model: PX277OLEDMAX

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Pixio PX277 OLED MAX 27-inch QHD 240Hz Gaming Monitor. Please read this manual thoroughly before using the product and retain it for future reference. This monitor features a 27-inch WOLED panel, QHD (2560x1440) resolution, a 240Hz refresh rate, and a 0.03ms GTG response time, designed for high-performance gaming and productivity.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the monitor or injury to yourself.

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Clean the screen with a soft, lint-free cloth. Avoid using harsh chemicals.

3. PACKAGE CONTENTS

Verify that all items are present in your product package:

- Pixio PX277 OLED MAX Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cable

- DisplayPort Cable
- USB-B to USB-A Cable (for KVM and USB hub functionality)
- User Manual (this document)

4. MONITOR OVERVIEW

4.1 Front View

The front of the monitor features the 27-inch WOLED display panel. The Pixio logo is typically located at the bottom center of the bezel.



Figure 4.1: Front view of the Pixio PX277 OLED MAX monitor.

4.2 Rear View and Ports

The rear of the monitor houses the input/output ports and the OSD control joystick/buttons. The stand attaches to the VESA mount area.

Speed and Precision Perfected

240Hz and 0.03ms for smooth, blur-free action.

Adaptive Sync **ON**



Pixio

Adaptive Sync **OFF**



Others

Pixio



240Hz
Seamless action



0.03ms GTG
Zero motion blur



OLED Panel
Vibrant colors, true-to-life

Others



60Hz
Choppy gameplay



Frame Skip
Interrupted play



Standard Panel
Dull colors, backlight issues

Figure 4.2: Rear view of the monitor with port labels.

Port Descriptions:

- **Earphone Jack:** 3.5mm audio output.
- **DP 1.4:** DisplayPort input for up to 1440p at 240Hz.
- **HDMI 2.0 (x2):** HDMI inputs for up to 1440p at 144Hz.
- **Type-C (65W PD):** USB-C input for video (1440p@240Hz), data, and power delivery (up to 65W).
- **USB A (Down) (x2):** USB 3.0 downstream ports for connecting peripherals.

- **USB B (Up):** USB 3.0 upstream port to connect to your computer for KVM and USB hub functionality.
- **DC:** Power input for the external power adapter.

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 using the provided screws.
3. Secure the stand base to the stand neck.
4. Place the assembled monitor on a stable, flat surface.

Unmatched **OLED** Clarity

240Hz OLED panel with a 0.03ms response. Pure gaming clarity.

240Hz
Refresh Rate

0.03_{ms} GTG
Response Time

OLED
Panel

WQHD
2560x1440p



Figure 5.1: Monitor with adjustable stand.

5.2 Connecting to a Device

Connect your computer or console to the monitor using the appropriate cables.

- **DisplayPort:** For optimal performance (1440p @ 240Hz), connect a DisplayPort cable from your graphics card to the monitor's DP 1.4 port.
- **HDMI:** Connect an HDMI cable from your device to one of the monitor's HDMI 2.0 ports (supports 1440p @ 144Hz).

- **USB-C:** For compatible devices, connect a USB-C cable to the monitor's Type-C port for video (1440p @ 240Hz), data, and up to 65W power delivery.
- **USB Upstream:** Connect the USB-B to USB-A cable from the monitor's USB B (Up) port to your computer's USB-A port to enable the monitor's USB hub and KVM functionality.
- **Power:** Connect the power adapter to the monitor's DC input and then plug it into a power outlet.

5.3 KVM Switch Functionality

The built-in KVM switch allows you to control two devices (e.g., a PC and a laptop) with a single keyboard and mouse connected to the monitor's USB A (Down) ports. To use KVM:

1. Connect your keyboard and mouse to the USB A (Down) ports on the monitor.
2. Connect the monitor's USB B (Up) port to your primary device (e.g., PC) using the USB-B to USB-A cable.
3. Connect your secondary device (e.g., laptop) to the monitor via the USB-C port. This single USB-C cable will handle video, data, and power for the laptop, enabling KVM control.
4. Switch between devices using the OSD menu or a dedicated hotkey (refer to OSD section for details).

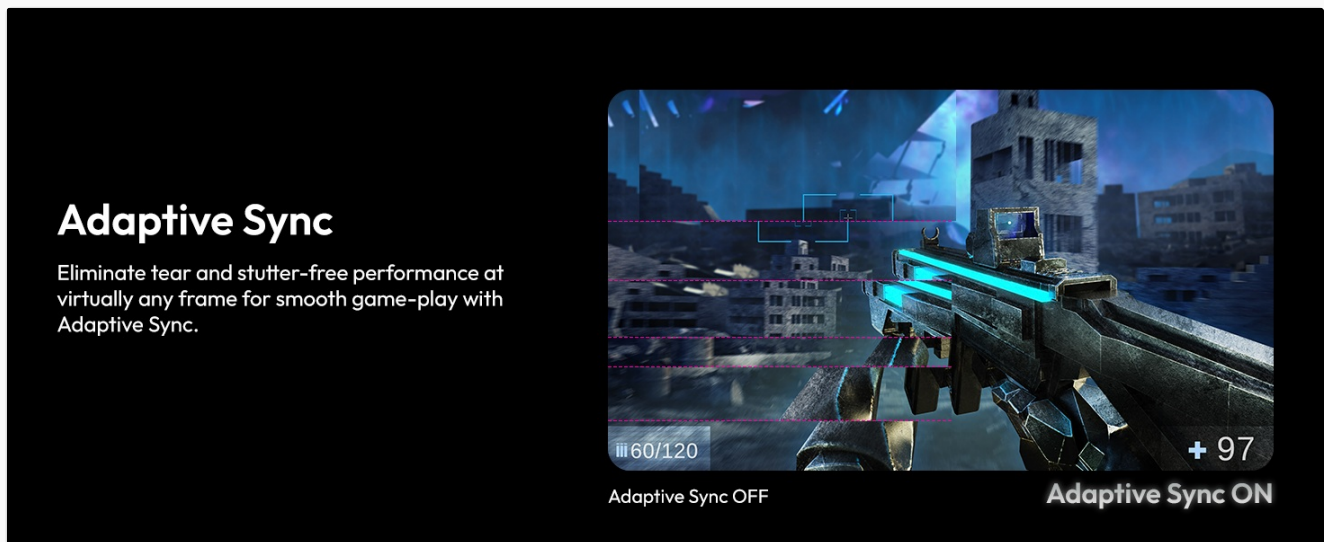


Figure 5.2: KVM switch connectivity example.

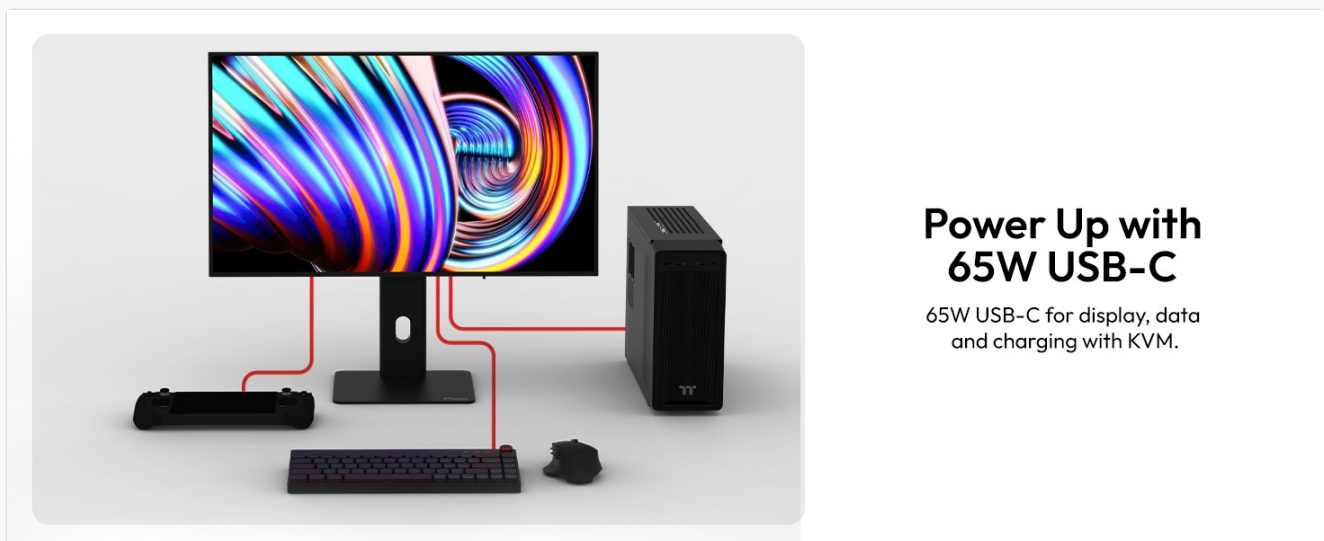


Figure 5.3: USB-C connection for display, data, and charging.

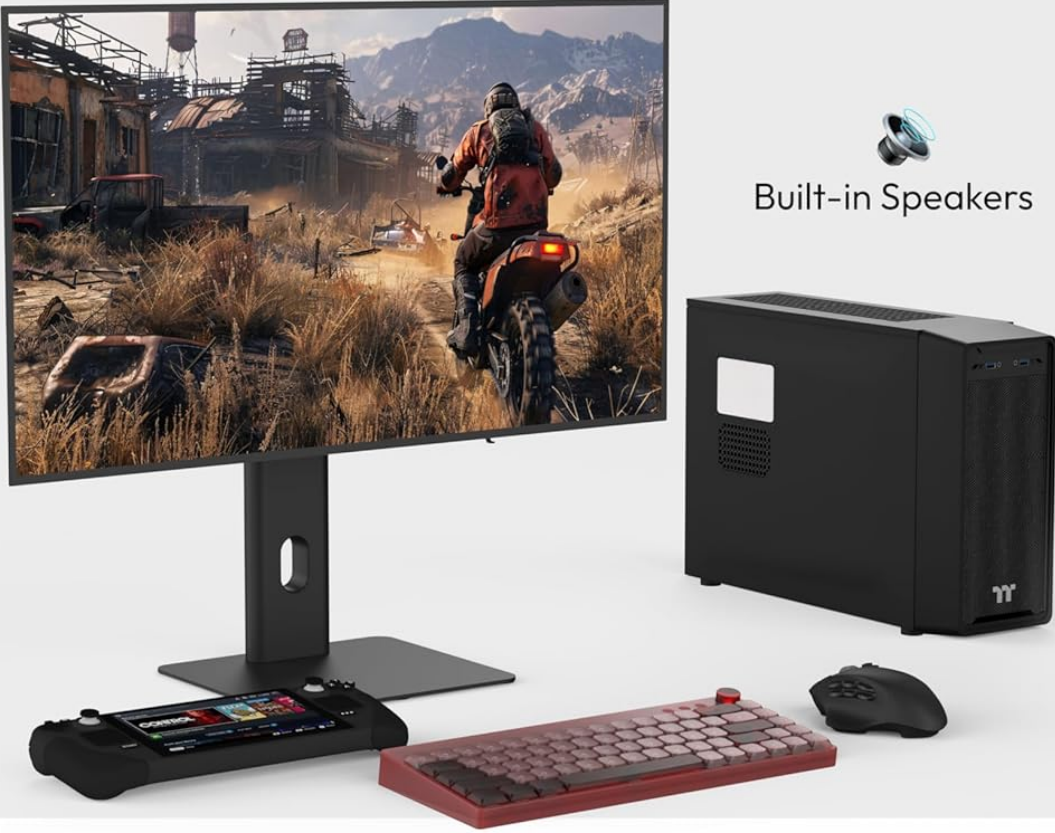
6. OPERATING INSTRUCTIONS


6.1 OSD (On-Screen Display) Menu Navigation


The monitor's settings are controlled via an OSD menu, typically accessed and navigated using a joystick or buttons located on the rear of the monitor.

Full Connectivity Suite

DP 1.4, HDMI, USB-C. Built for gaming and productivity.



 Built-in Speakers



1	2	3	4	5	6	7	8	9
1 Earphone	2 HDMI 2.0	3 HDMI 2.0	4 DP 1.4	5 Type-C (65 PD ⚡)	6 USB B (Up)	7 USB A (Down)	8 USB A (Down)	9 DC




Figure 6.1: OSD Menu Interface.

Common OSD Menu Categories:

- **Display:** Adjust brightness, contrast, sharpness, and other image parameters.

- **Color:** Fine-tune color temperature, gamma, and color space settings.
- **Gaming Setup:** Configure gaming-specific features such as Adaptive Sync, response time overdrive, and on-screen crosshairs.
- **Advanced Settings:** Access OLED Panel Care options, HDR settings, and KVM switching.
- **Input:** Manually select the input source (DisplayPort, HDMI 1, HDMI 2, USB-C).
- **System Setup:** General monitor settings like language, OSD timeout, and factory reset.

6.2 Key Features and Settings

- **Adaptive Sync:** This technology synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering. Enable this in the OSD's 'Gaming Setup' menu for a smoother gaming experience.

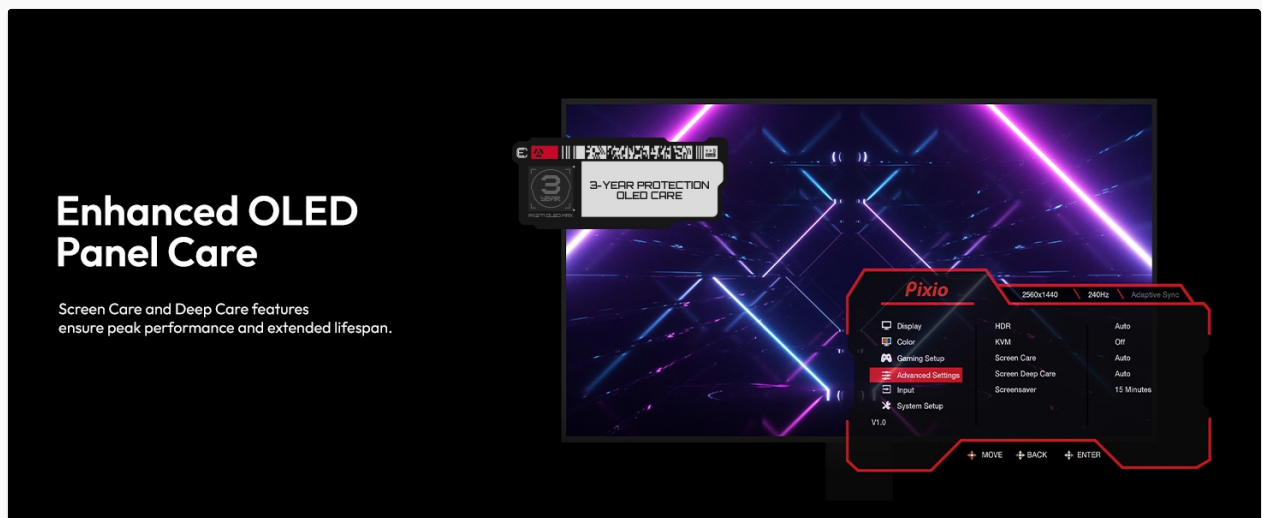


Figure 6.2: Adaptive Sync in action.

- **HDR (High Dynamic Range):** The monitor supports HDR for enhanced contrast and color vibrancy. Enable HDR in your operating system settings and the monitor's OSD for compatible content.
- **KVM Switch:** As detailed in Section 5.3, use the OSD to switch control between connected devices when using the KVM feature.
- **OLED Panel Care:** To maintain the longevity and performance of the OLED panel, the monitor includes features like Screen Care, Deep Care, and Screensaver. These can be configured in the 'Advanced Settings' menu. It is recommended to allow these functions to run periodically.

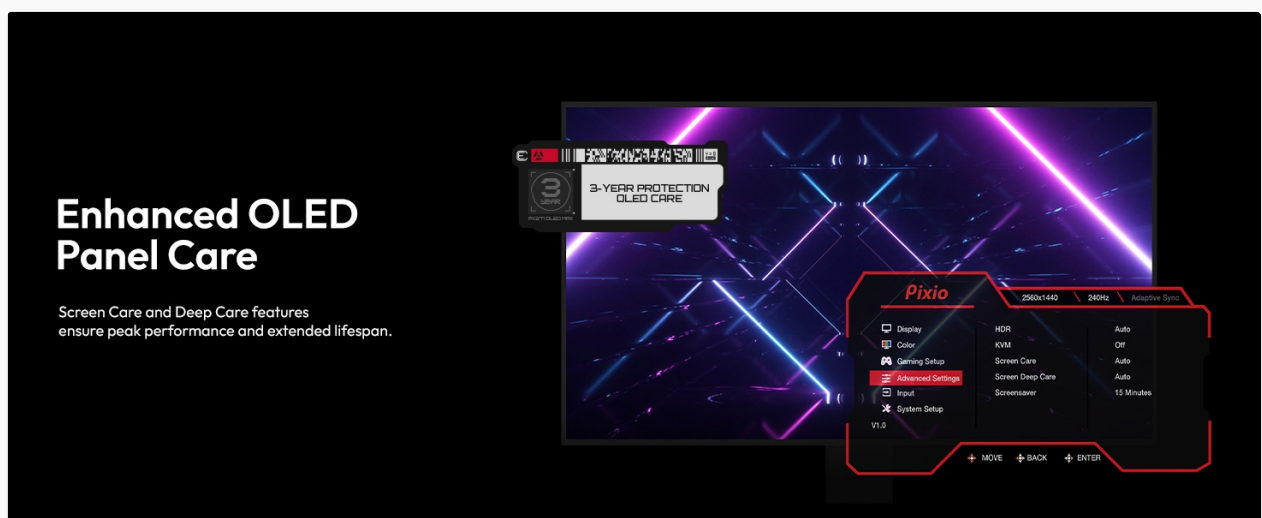


Figure 6.3: OLED Panel Care settings in OSD.

- **Adjustable Stand:** The monitor stand offers height adjustment, tilt, swivel, and pivot (90-degree rotation) for ergonomic viewing. Adjust the monitor to your preferred position for comfort.



Figure 6.4: Adjustable stand features.

7. MAINTENANCE

7.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, dry, lint-free cloth to gently wipe the screen and exterior surfaces.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- Avoid using alcohol, ammonia, or abrasive cleaners, as they can damage the screen or casing.

7.2 OLED Panel Care

OLED technology offers superior image quality but requires specific care to prevent potential image retention (burn-in). The monitor includes built-in features to mitigate this:

- **Screen Care:** A pixel refresh function that runs automatically after a certain period of use or when the monitor enters standby.
- **Deep Care:** A more thorough pixel refresh that takes longer to complete. It is recommended to run this periodically.
- **Screensaver:** Activates after a set idle time to prevent static images from remaining on the screen for too long.

It is recommended to enable and allow these features to operate as designed. Avoid displaying static images for extended periods, and utilize screen savers or power-saving modes when not actively using the monitor.

8. TROUBLESHOOTING

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 securely connected. Press the power button. Select the correct input source via OSD. Check video cable connections.
Image flickering or unstable	Faulty video cable; Graphics card issue; Refresh rate mismatch	Replace video cable. Update graphics drivers. Ensure refresh rate is set correctly in OS display settings. Enable Adaptive Sync.
Colors appear incorrect	Incorrect color settings; HDR not configured	Adjust color settings in OSD. Ensure HDR is enabled in both OS and monitor OSD if desired.
USB ports not working	USB upstream cable not connected	Connect the USB-B to USB-A cable from the monitor to your computer.

Problem	Possible Cause	Solution
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KVM switch not functioning	Incorrect cable connections; KVM not activated	Verify all video and USB upstream cables are correctly connected for both devices. Activate KVM via OSD.
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If the problem persists after attempting these solutions, please contact Pixio customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	PX277OLEDMAX
Screen Size	27 Inches
Panel Type	WOLED
Resolution	QHD Wide 1440p (2560 x 1440 Pixels)
Refresh Rate	240Hz
Response Time (GTG)	0.03ms
Aspect Ratio	16:9
Image Brightness	450 Candela (nits)
Connectivity	1x DisplayPort 1.4, 2x HDMI 2.0, 1x USB-C (65W PD), 1x USB B (Up), 2x USB A (Down)
Total USB Ports	3 (1x USB-C, 1x USB-B, 2x USB-A)
Voltage	24 Volts
Product Dimensions	7.87 x 23.8 x 20.95 inches
Item Weight	22 pounds
Manufacturer	Pixio







10. WARRANTY AND SUPPORT

Pixio products are covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Pixio website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or service inquiries, please contact Pixio customer support through their official

channels.



Related Documents - PX2770LED MAX

	Pixio PX277 PRO 27-inch WQHD 165Hz Gaming Monitor User Manual User manual for the Pixio PX277 PRO, a 27-inch WQHD 165Hz gaming monitor with IPS panel, Adaptive Sync, HDR, and KVM switch functionality. Learn about installation, setup, OSD menus, and features.
	Pixio PXC277A 27-inch 165Hz QHD Gaming Monitor User Manual User manual for the Pixio PXC277A 27-inch QHD 165Hz Gaming Monitor, detailing setup, operation, OSD settings, safety precautions, and product specifications.
	Pixio PX2770LED MAX User Manual User manual for the Pixio PX2770LED MAX gaming monitor, covering setup, operation, and troubleshooting.
	Pixio PX259 Prime S White User Manual - Setup, Features, and Operation Comprehensive user manual for the Pixio PX259 Prime S White 25-inch 360Hz FHD Gaming Monitor. Covers setup, product includes, assembly, disassembly, dimensions, inputs, control panel, OSD navigation, display settings, color setup, gaming features, audio, system setup, adaptive sync, and contact information.
	Pixio PX32U Wave 32-inch 4K 144Hz Gaming Monitor User Manual This user manual provides comprehensive instructions for the Pixio PX32U Wave 32-inch 4K UHD IPS 144Hz gaming monitor, covering setup, features, OSD menu navigation, and important safety notices.
	Pixio PXC348C User Manual: 34-inch UWQHD 144Hz Gaming Monitor Setup and Features Comprehensive user manual for the Pixio PXC348C 34-inch UWQHD 144Hz gaming monitor. Learn about setup, features, OSD menu navigation, safety guidelines, and adaptive sync technologies.