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Pixio PX278WAVEW

Pixio PX278 WAVE White 27-inch WQHD 180Hz Gaming Monitor User Manual

Model: PX278WAVEW

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the setup, operation, and maintenance of your Pixio PX278 WAVE White 27-inch WQHD 180Hz Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

The Pixio PX278 WAVE is a high-performance gaming monitor featuring a 27-inch WQHD (2560x1440) Fast IPS panel. It delivers a smooth visual experience with a 180Hz refresh rate and a rapid 1ms (GTG) response time. Designed with a sleek white chassis, it integrates seamlessly into various modern desk setups.



Image 1.1: Front view of the Pixio PX278 WAVE White monitor.



Image 1.2: The Pixio PX278 WAVE monitor integrated into a clean desk environment.

Design Features

- **Aesthetic Integration:** The monitor's white color and sleek design are intended to blend with your room's interior without compromising aesthetics.
- **Rounded Back Cover:** The WAVE series features a rounded back cover, adding a soft touch to the monitor's overall design.
- **Slim Stand:** The stand is designed to be slim and stylish, minimizing desk space and visual clutter while maintaining durability.
- **Thin Bezels:** The top, left, and right bezels are extremely thin for an immersive viewing experience. The bottom bezel is designed to allow visibility of the monitor's color variation.



背面カバー

WAVEシリーズではあえて背面に丸みをつけることにこだわりました。曲線をデザインに取り入れることで柔らかな印象が加わり無機質になりがちなモニターにインテリアとしての価値を付与しています。

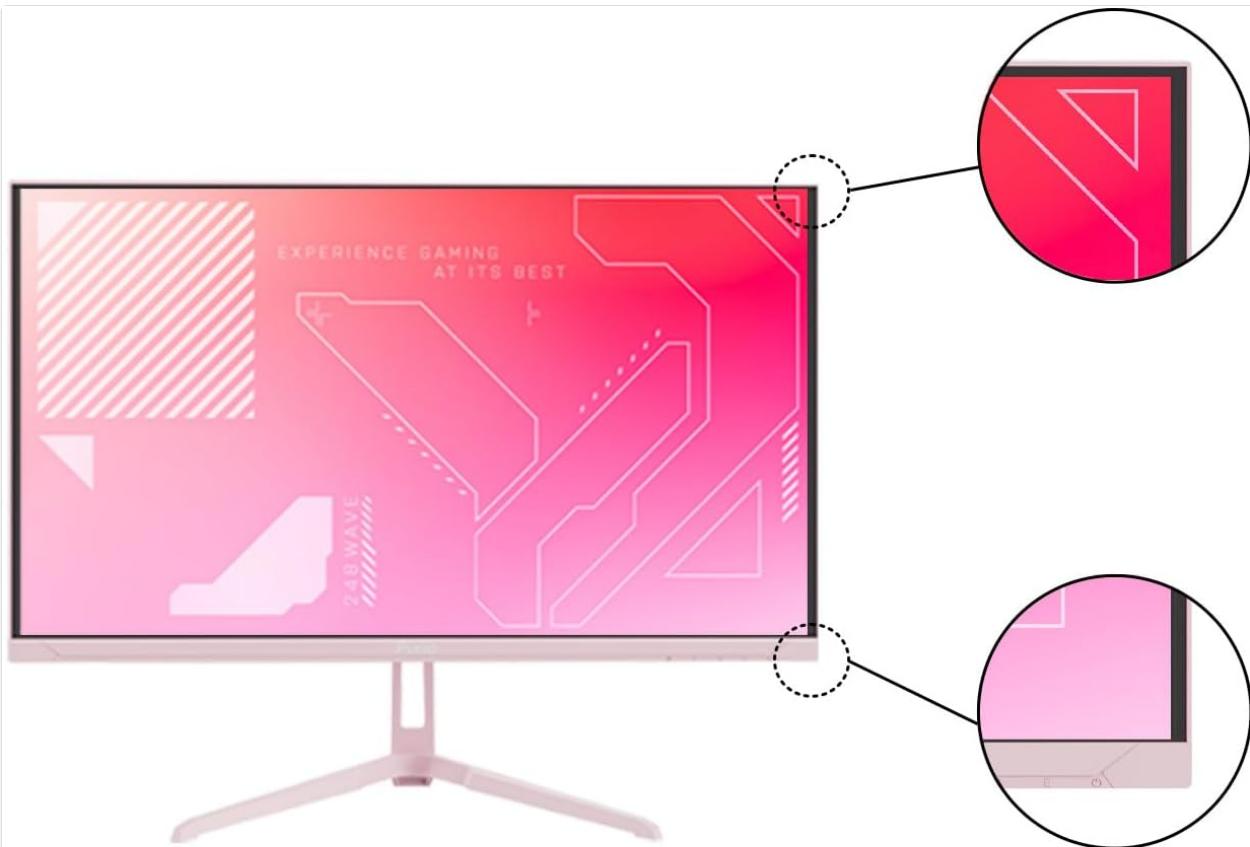
Image 1.3: Rear view illustrating the rounded back cover design of the monitor.



スタンド

WAVEシリーズのスタンドは細くスタイリッシュにデザインすることで、デスクに設置した際のスペースや圧迫感を最小限に抑えて います。耐久性も問題のない仕様で設計しており、デザインと耐 久性を両立したプロダクトとなっています。

Image 1.4: Side and front views of the monitor stand, highlighting its slim and stable design.



ベゼル

左右と上のベゼルは極限まで薄くし、下部分はあえてお気に入りのカラーが目に入るサイズにしました。設置したときにも色を楽しめます。

Image 1.5: Close-up of the monitor bezels, showing the thin top and side bezels and the slightly wider bottom bezel.



カラーバリエーション

WAVEシリーズはカラーバリエーションという価値にスポットを当てて開発しました。パステルピンク・パステルブルーのようなかわいらしいカラーをはじめとして、多くの人に満足していただるために今後もバリエーションを追加していきます。

Image 1.6: An illustration of the various color options available for the Pixio WAVE series monitors.

2. SETUP

2.1 Unpacking and Included Accessories

Carefully remove all components from the packaging. Verify that all listed accessories are present.

- AC Adapter
- DisplayPort (DP) Cable
- Monitor Stand
- VESA Conversion Adapter (for 100x100mm mounts)

付属品

- ACアダプター
- DPケーブル
- スタンド
- VESA規格変換アダプター(100×100mm)



モニターのVESAマウントは75×75mmです。100×100mmのモニターアームを使用する際は、付属のVESA規格変換アダプターをご利用ください。変換アダプターをモニターのVESAマウントに取り付け後、モニターアームのプレートを上から取り付けてください。変換アダプターは穴がある方をモニターアーム下部に向けて取り付けてください。

Image 2.1: Display of the included accessories: DP cable, AC adapter, and VESA conversion adapter.

2.2 Stand Assembly

1. Attach the stand base to the stand neck.
2. Secure the assembled stand to the back of the monitor using the provided screws.

Note: The included stand does not support height adjustment.

2.3 VESA Mount Installation

The monitor's native VESA mount pattern is 75x75mm. If you intend to use a 100x100mm monitor arm, utilize the included VESA conversion adapter.

1. Attach the VESA conversion adapter to the monitor's 75x75mm VESA mount points. Ensure the side of the adapter with holes faces downwards towards the bottom of the monitor.
2. Once the adapter is secured, attach your 100x100mm compatible monitor arm plate to the adapter from above.



Image 2.2: Example of the monitor mounted on a monitor arm for ergonomic positioning.

2.4 Connecting to Devices

Connect your computer or other devices to the monitor using the appropriate cables.

- **Power:** Connect the AC adapter to the monitor's power input and then to a power outlet.
- **Video Input:** Use the included DisplayPort cable or an HDMI cable to connect your device to one of the monitor's input ports (2x HDMI 2.0, 1x DisplayPort 1.4).
- **Audio Output:** Connect headphones to the 3.5mm headphone jack for private audio.



Image 2.3: Rear view of the monitor, highlighting the location of the power input, HDMI ports, DisplayPort, and headphone jack.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will show the monitor's status.

3.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access the OSD menu using the joystick or buttons typically located on the back or bottom of the monitor. Navigate through the menu options and confirm selections as instructed on-screen.

3.3 Key Features and Settings

- **180Hz Refresh Rate:** Provides exceptionally smooth motion for gaming and fast-paced content.

高リフレッシュレートの圧倒的滑らかさ 180Hz & 1ms(GTG)



Image 3.1: Visual comparison demonstrating the smoother motion of 180Hz refresh rate versus 60Hz.



Image 3.2: Another visual representation highlighting the difference in fluidity between 60Hz and 180Hz displays.

- **1ms (GTG) Response Time:** Minimizes motion blur and ghosting for clear, sharp images during fast action.



Image 3.3: Comparison illustrating the reduced blur with a 1ms GTG response time versus 10ms.

- **WQHD Resolution & Fast IPS Panel:** The 2560x1440 resolution combined with a Fast IPS panel delivers rich colors, deep hues, and wide viewing angles for a vivid visual experience.

高発色で映像を鮮明に再現
Fast IPS & WQHD

A visual comparison between a TN panel and an IPS panel. The TN panel on the left is labeled 'TN' and shows a less vibrant image of a character in a futuristic setting. The IPS panel on the right is labeled 'IPS' and shows a much more vibrant and clear image of the same character, with the words 'WQHD' and 'FHD' overlaid to indicate the higher resolution. Below the monitors, a text box in Japanese highlights the superior color reproduction and clarity of the Fast IPS WQHD panel over a TN panel.

豊かな色彩と深みのある発色、広い視野角で、
より鮮やかな映像体験を実現。

Image 3.4: Visual comparison highlighting the superior color reproduction and clarity of a Fast IPS WQHD panel over a TN panel.

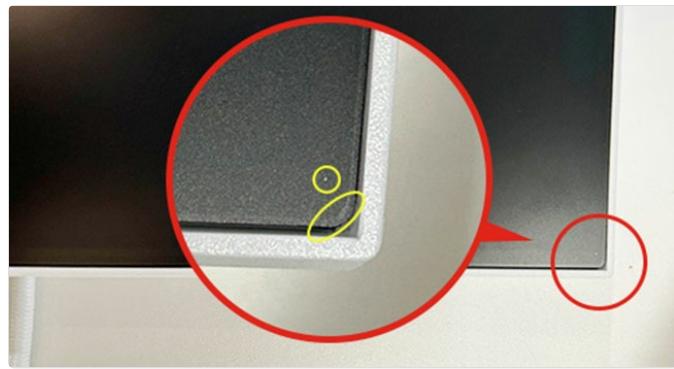


Image 3.5: Illustrates the difference in detail and screen space between Full HD (FHD) and WQHD resolutions.

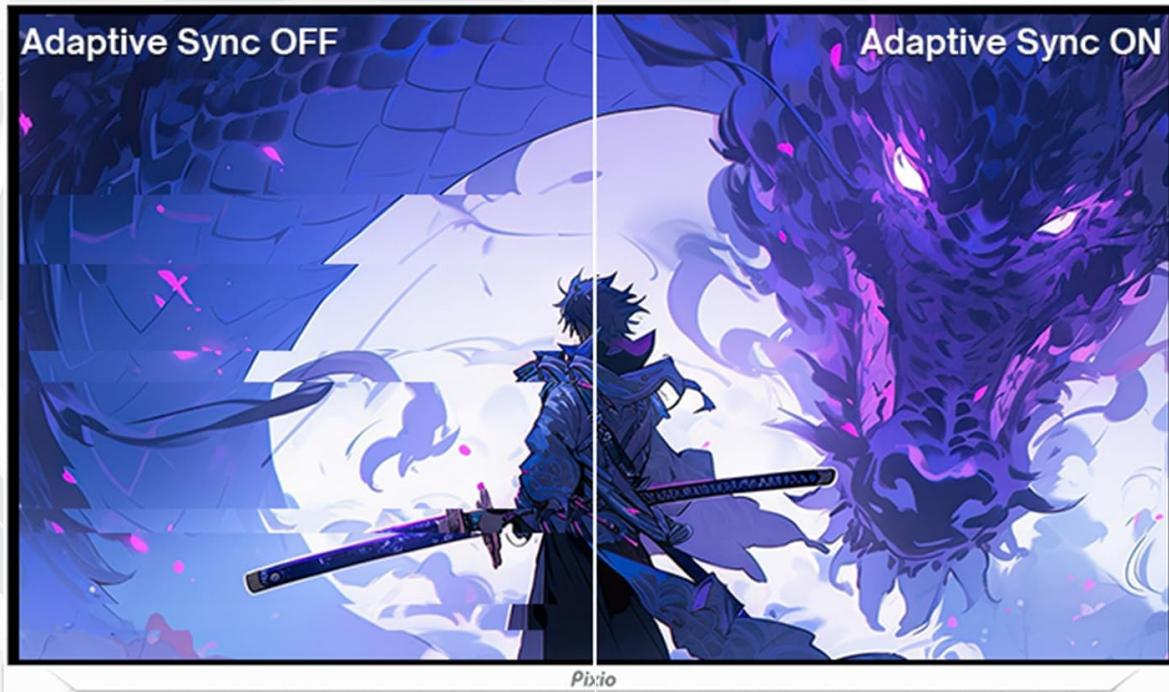


Image 3.6: Comparison showing the improved viewing angles and color consistency of an IPS panel compared to a TN panel.

- **Adaptive Sync (AMD FreeSync Premium / G-SYNC Compatible):** Reduces screen tearing and stuttering by synchronizing the monitor's refresh rate with your GPU's frame rate.
- **Flicker Free:** Eliminates screen flickering, reducing eye strain during extended use.

遅延から解放されるストレスフリーなプレイ

Adaptive Sync & Flicker Free



画面のチラつきやズレ・遅れを軽減し、
アクション性の高いゲームでも快適にプレイ可能。

Image 3.7: Demonstrates the effect of Adaptive Sync in reducing visual artifacts like tearing and lag.

- **HDR10:** Supports High Dynamic Range content for enhanced contrast and color accuracy.
- **Blue Light Cut:** Reduces harmful blue light emissions to protect your eyes.
- **Overdrive:** Accelerates pixel response times for even faster image transitions.
- **Black Equalizer:** Adjusts the gamma levels in dark areas of the screen, making hidden enemies or details more visible without overexposing bright areas.
- **Built-in Speakers:** Features two 3W speakers for integrated audio.

4. MAINTENANCE

4.1 Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- For the screen, gently wipe with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution. Do not spray liquid directly onto the screen.
- For the monitor body, use a soft, dry cloth. Avoid abrasive cleaners or solvents.

4.2 Storage

When storing the monitor for an extended period, ensure it is powered off, unplugged, and stored in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for protection.

5. TROUBLESHOOTING

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

5.1 Common Issues and 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 (HDMI/DisplayPort) is firmly connected to both the monitor and your computer/device.
- Check if the correct input source is selected in the monitor's OSD menu.
- Ensure your computer/device is powered on and not in sleep mode.

- **Flickering / Distorted Image:**

- Check the video cable for damage or loose connections. Try a different cable if available.
- Ensure your graphics card drivers are up to date.
- Disable Adaptive Sync (FreeSync/G-SYNC) in the OSD menu or your graphics card settings to see if the issue persists.
- Adjust the refresh rate in your operating system's display settings.

- **No Sound from Speakers/Headphone Jack:**

- Check the volume settings in the monitor's OSD menu and your computer's operating system.
- Ensure the audio output device is correctly selected in your computer's sound settings.
- Verify that the video cable (HDMI/DisplayPort) supports audio transmission.

- **Color Issues / Incorrect Colors:**

- Reset the color settings in the OSD menu to factory defaults.
- Adjust color temperature or gamma settings in the OSD.
- Ensure your graphics card color settings are not overriding the monitor's settings.

5.2 Important Note on Manufacturing Specifications

Some models may exhibit minor round markings or film-like patterns near the screen corners. These are normal manufacturing characteristics and not defects. Do not attempt to peel or rub any film on the screen, as this may cause damage to the product.



Image 5.1: Illustrates a small manufacturing mark that may appear near the corner of the screen, which is considered normal.

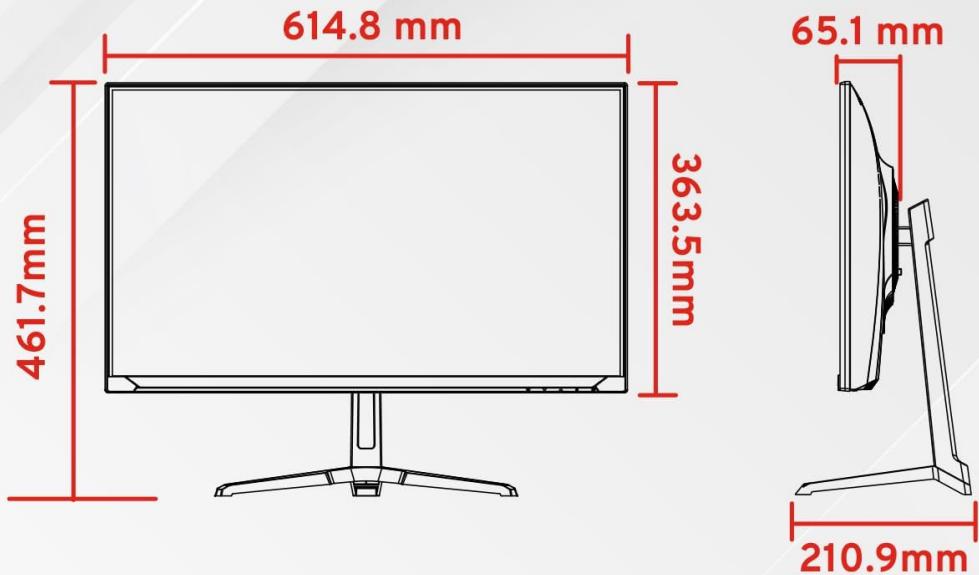
6. SPECIFICATIONS

The following table details the technical specifications of the Pixio PX278 WAVE White monitor.

Pixio PX278 WAVE White Specifications

Feature	Specification
Model Number	PX278WAVEW
Screen Size	27 inches
Panel Type	Fast IPS
Resolution	WQHD (2560 x 1440)
Refresh Rate	180Hz
Response Time	1ms (GTG)
Color Gamut	sRGB 135.76%
Display Surface	Non-glare
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.4, 1x Headphone Jack
Features	AMD FreeSync Premium, G-SYNC compatible, HDR10, Flicker Free, Blue Light Cut, Overdrive, Black Equalizer
Speakers	Built-in (3W x 2)
VESA Mount	75mm x 75mm (with 100x100mm adapter included)
Product Dimensions (W x D x H)	614.8 mm x 210.9 mm x 461.7 mm (with stand)
Product Weight	4.45 kg

サイズ



重量 **4.45kg**

端子



HDMI
2.0 × 2



DisplayPort
1.4



ヘッドホン
ジャック

Image 6.1: Diagram showing the physical dimensions and available ports of the monitor.

サイズ	27インチ
解像度	2560×1440(WQHD)
リフレッシュレート	180Hz
パネル	Fast IPS
応答速度	1ms(GTG)
色域比	sRGB 135.76%
入力端子	HDMI2.0 ×2、DP1.4 ×1、ヘッドホンジャック
FreeSync	○
Flicker Free	○
HDR	○
Overdrive	○
Black Equalizer	○
ブルーライトカット	○
スピーカー	3W ×2
VESA	75×75mm
付属品	ACアダプター、DPケーブル、スタンド、 VESA規格変換アダプラー(100×100mm)

Image 6.2: A comprehensive table listing all technical specifications of the monitor.

	PX248WAVE	PX278WAVE
		
サイズ	23.8インチ	27インチ
解像度	1920×1080(FHD)	2560×1440(WQHD)
リフレッシュレート	200Hz	180Hz
入力端子	•HDMI2.0 ×1 •DP1.4 ×1	•HDMI2.0 ×1 •DP1.4 ×1

Image 6.3: Comparison of key specifications between the PX248WAVE and PX278WAVE models.

7. WARRANTY AND SUPPORT

7.1 Product Warranty

The Pixio PX278 WAVE White monitor comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Return Policy

A **30-day free return service** is offered. If you are not satisfied with the product, you may return it within 30 days of purchase, provided it is in like-new condition. Returns are accepted regardless of the reason for dissatisfaction.

7.3 Customer Support

For any inquiries regarding product usage, technical assistance, or warranty claims, please contact Pixio customer support. Detailed contact information can typically be found on the official Pixio website or your purchase documentation.



Image 7.1: Overview of Pixio's commitment to customer support before and after purchase, including consultation, return guarantee, product warranty, and usage support.

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Related Documents - PX278WAVEW

	<p>Pixio PX278 Wave User Manual - Gaming Monitor Guide</p> <p>Comprehensive user manual for the Pixio PX278 Wave gaming monitor. Learn about setup, features, OSD navigation, and troubleshooting for this 27-inch, 1440p, 180Hz, 1ms FAST IPS display.</p>
	<p>Pixio PXC277A 27-inch 165Hz QHD Gaming Monitor User Manual</p> <p>User manual for the Pixio PXC277A 27-inch QHD 165Hz Gaming Monitor, detailing setup, operation, OSD settings, safety precautions, and product specifications.</p>
	<p>Pixio PX32U Wave 32-inch 4K 144Hz Gaming Monitor User Manual</p> <p>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.</p>
	<p>Pixio PXC327A 32-inch 165Hz WQHD Curved Gaming Monitor User Manual</p> <p>Comprehensive user manual for the Pixio PXC327A 32-inch 165Hz WQHD curved gaming monitor, covering safety, setup, specifications, OSD settings, adaptive sync features, troubleshooting, and panel characteristics.</p>
	<p>Pixio PXC325 User Manual: Setup, Features, and Operation</p> <p>Comprehensive user manual for the Pixio PXC325 31.5-inch FHD VA 165Hz Gaming Monitor. Learn about setup, installation, OSD menu navigation, features like FreeSync and HDR, and troubleshooting.</p>



[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.