

UPERFECT UPERFECT Float APEX 27S

UPERFECT 27-inch 4K 144Hz / 1080P 288Hz Gaming Monitor User Manual

Model: UPERFECT Float APEX 27S

1. INTRODUCTION

Thank you for purchasing the UPERFECT 27-inch 4K 144Hz / 1080P 288Hz Gaming Monitor. This monitor is designed to provide a versatile display solution for both gaming and creative professionals, offering high resolution and refresh rates. Please read this manual carefully before use to ensure proper operation and to maximize your experience with the product.

2. SAFETY INFORMATION

To ensure safe and optimal use of your monitor, please observe the following guidelines:

- Always use the provided power adapter and cables. This product has a high power consumption.
- Avoid placing the monitor in an upward-tilted position where it might be unstable.
- For comfortable viewing, position the monitor at eye level or slightly below.
- This monitor is designed for stationary indoor use. It is not intended for frequent portability due to its weight (approximately 3.5kg) and metal construction.
- Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.
- Keep the monitor away from liquids and avoid spilling any substances on it.
- Do not attempt to disassemble or repair the monitor yourself. Contact customer support for assistance.



Figure 2.1: Recommended monitor placement for ergonomic comfort and stability. Avoid extreme upward tilt.

3. PACKAGE CONTENTS

Please check that all the following items are included in your package:

- UPERFECT 27-inch Monitor x1
- HDMI 2.1 Cable (4K compatible) x1
- Type-C 2.0 Cable (for power supply only) x1
- Type-C 3.1 Cable (full-function, 4K compatible) x1
- DP 1.4 Cable (4K compatible) x1
- PD65W Power Adapter x1
- Japanese Instruction Manual x1

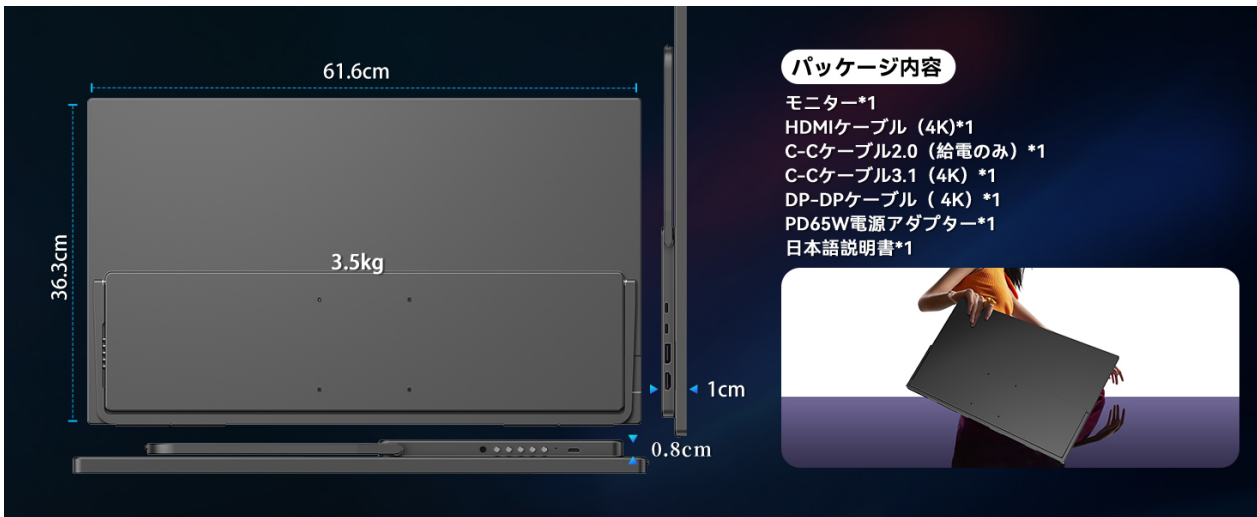


Figure 3.1: Contents of the product package.

4. PRODUCT FEATURES

- **Dual Mode Display:** Seamlessly switch between 4K resolution at 144Hz and 1080P resolution at 288Hz with a single button press (the '+' key). This allows for optimized performance whether prioritizing visual fidelity or high-speed responsiveness.
- **High-Resolution Panel:** Features 100% sRGB color gamut, HDR support, and 500 nits peak brightness for vibrant and accurate color reproduction. Ideal for creative tasks such as video editing, graphic design, and photo retouching.

- **Smooth Gaming Experience:** FreeSync technology eliminates screen tearing and stuttering, providing a fluid and immersive gaming experience.
- **Wide Compatibility (Plug & Play):** No driver installation required. Equipped with two full-function Type-C 3.1 ports, HDMI 2.1, DP 1.4, and a 3.5mm headphone jack. Compatible with laptops, desktop PCs, smartphones, Nintendo Switch/Switch 2, PS4/PS5, and Xbox.
- **Ergonomic Design:** Integrated stand allows for 180° angle adjustment to achieve the optimal viewing position. VESA mount compatibility (100x100mm) enables wall mounting or attachment to a monitor arm.
- **Blue Light Reduction:** Features a blue light filter to reduce eye strain during prolonged use.



Figure 4.1: UPERECT monitor showcasing its high-quality display.



Figure 4.2: One-touch switching between 4K and 1080P modes.



Figure 4.3: Visual representation of true 4K resolution.



Figure 4.4: High refresh rate of 288Hz for smooth motion.



Figure 4.5: High contrast ratio of 1000:1 for detailed images.



Figure 4.6: FreeSync technology for tear-free visuals.



Figure 4.7: Blue light reduction feature for eye comfort.

5. CONNECTIONS AND PORTS

The monitor features a variety of ports for connecting to different devices:

- **Type-C 3.1 (Full-function):** Two ports for video, audio, data transfer, and power delivery.
- **DP 1.4:** DisplayPort input for high-resolution video and audio.
- **HDMI 2.1:** HDMI input for high-resolution video and audio.
- **3.5mm Headphone Jack:** For connecting external audio devices.
- **OTG Port:** For connecting USB peripherals like a mouse or keyboard.
- **Power Input:** Dedicated port for the PD65W power adapter.

ゲームに最適な2モード

高精細な4K@144Hzと、超高速なフルHD@288Hzをワンタッチで切り替え。

FHD@288Hz



UHD@144Hz

1080P@288H (1920*1080)



4K@144Hz (3840*2160)



※機器と接続後、「+」ボタンを押すと、入力機器の解像度 (1080P/4K) を自動認識します。

※リフレッシュレートは、ご使用の機器側の設定画面にて設定してください。

Figure 5.1: Monitor ports and control buttons.

6. SETUP

6.1 Initial Placement

Place the monitor on a stable, flat surface. Adjust the integrated stand to your desired viewing angle. The stand allows for 180° adjustment. For VESA mounting, use a compatible 100x100mm VESA mount (sold separately).

6.2 Power Connection

Connect the provided PD65W power adapter to the monitor's power input port and then to a power outlet. Ensure the power adapter is securely connected.

6.3 Device Connection

Connect your device (laptop, PC, game console, smartphone) to the monitor using the appropriate cable (Type-C, HDMI, or DP). For optimal performance, especially with 4K/144Hz or 1080P/288Hz, use high-quality cables that support the required bandwidth (e.g., HDMI 2.1 or DP 1.4).

Note: When connecting via Type-C, ensure your device's Type-C port supports video output (DisplayPort

Alternate Mode) and power delivery if you intend to power the monitor or charge your device through the monitor.

快適にゲームプレイ

Switchに接続

s switchのオリジナル充電器でモニターに給電、Type-CケーブルでSwitchとつなぐだけ。大画面の迫力をすぐに体験できます。



※s switchの消費電力が高いため、s switchのオリジナル充電器とケーブルでモニターに給電する必要があります。

Switch2に接続

ドックを使用して、HDMIケーブルでモニターと接続。ドック本体とモニターの両方に外部電源の接続が必要。



Figure 6.1: Connecting to Nintendo Switch (direct Type-C connection).

真の4K、高色域カラー

ハイライトとシャドウの階調を最適化し、より自然でリアルな映像表現を実現。

Ps Lr Pr Ae

8bit+FRC

1000:1

16.7億

400Nits

100% sRGB



Figure 6.2: Monitor connected to a gaming console.

7. OPERATING INSTRUCTIONS

7.1 Power On/Off

Press the power button (usually labeled ON/OFF or integrated with the menu button) to turn the monitor on or off. A long press (2-3 seconds) typically powers off the device.

7.2 OSD Menu Navigation

Use the control buttons on the side of the monitor to navigate the On-Screen Display (OSD) menu. These buttons typically include:

- **Menu/Confirm:** Enters the OSD menu and confirms selections.
- **Plus (+):** Navigates up or increases values. Also used for one-touch resolution/refresh rate switching.
- **Minus (-):** Navigates down or decreases values.
- **Signal Source/Return:** Changes input source or goes back in the menu.

To adjust settings like brightness, contrast, color modes, or FreeSync, enter the OSD menu and use the navigation buttons to select and modify options.

7.3 Switching Display Modes (4K/144Hz & 1080P/288Hz)

Press the '+' key on the monitor to quickly switch between 4K/144Hz and 1080P/288Hz display modes. After connecting a device, the monitor will automatically recognize the input device's resolution (1080P/4K). The refresh rate should be set on your connected device's display settings.

8. DISPLAY MODES

The monitor supports multiple display modes to enhance productivity and entertainment:

- **Extended Mode:** Displays different content on the monitor and your PC. Ideal for gaming, advertising creation, image editing, color grading, and CG production.
- **Duplicate Mode:** Displays the same content on both the monitor and your PC. Best for presentations, demonstrations, screen recording, and live streaming explanations.
- **Vertical Display Mode:** Rotates the monitor to a vertical orientation. Convenient for viewing documents, spreadsheets, code editing, posters, long designs, stock charts, and data dashboards.

Note: For Windows, you can easily switch display modes by pressing Win + P. For macOS, switch display modes from "System Settings" > "Displays". Vertical display is only supported on PC.



Figure 8.1: Monitor in extended mode for photo editing.



Figure 8.2: Monitor in extended mode for graphic design.



Figure 8.3: Monitor used as an external display for a camera.

9. GAMING EXPERIENCE

The UPERFECT monitor is optimized for gaming with its high refresh rates and adaptive sync technology.

- **High Refresh Rates:** Enjoy smooth gameplay with up to 144Hz at 4K resolution or an ultra-fast 288Hz at 1080P. This reduces motion blur and provides a competitive edge in fast-paced games.
- **FreeSync Support:** Compatible with AMD FreeSync, this technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a seamless visual experience.
- **HDR Compatibility:** High Dynamic Range (HDR) support enhances contrast and color accuracy, bringing out more detail in both bright and dark scenes.

9.1 4K Compatibility Table

Refer to the table below for common device compatibility and recommended settings:

Game Console	Supported Resolution & Refresh Rate
Nintendo Switch	1080p @ 60Hz (TV Mode)
Nintendo Switch 2	Max 4K @ 60Hz (TV Mode), 1080p @ 120Hz

Game Console	Supported Resolution & Refresh Rate
PS4 / PS4 Slim	1080p @ 60Hz
PS4 Pro	Max 4K @ 60Hz
PS5	Max 4K @ 120Hz
Xbox Series X	Max 4K @ 120Hz
Xbox Series S	Max 1440p / 1080p @ 120Hz (4K not supported)

**Actual resolution and refresh rate may vary depending on game software, system settings, and connection device.*

PC Compatible Graphics Cards	Connection Requirements
NVIDIA: RTX 3080 / 3090, RTX 4070 / 4080 / 4090	① DisplayPort 1.4 (DSC compatible) or Thunderbolt 3/4, DP 1.4, or HDMI 2.1
AMD: RX 6800 XT / 6900 XT, RX 7800 XT / 7900 XT / 7900 XTX	② High-quality cables are essential

Figure 9.1: 4K compatibility table for various devices and PC graphics cards.

Your browser does not support the video tag.

Video 9.1: An official product video demonstrating the UPERFECT 27-inch monitor's features, including its use for creative work, gaming, and general productivity. It highlights the large screen, smooth visuals, and versatile connectivity.

10. CREATIVE WORK

This monitor is also well-suited for creative professionals:

- **Accurate Color Reproduction:** With 100% sRGB color gamut and HDR support, the monitor delivers precise and vibrant colors, crucial for photo and video editing, graphic design, and content creation.
- **High Brightness:** 500 nits brightness ensures clear visibility and accurate representation of highlights and shadows.
- **Large Screen Area:** The 27-inch display provides ample screen real estate, significantly improving workflow efficiency when extending a laptop display.



Figure 10.1: Monitor used as an extended display for a laptop, enhancing work efficiency.

11. MAINTENANCE

To maintain your monitor's performance and appearance:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, use a screen-cleaning solution specifically designed for monitors, applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and dust.
- **Cable Management:** Ensure cables are neatly organized and not kinked or strained to prevent damage.

12. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the monitor and a working power outlet. Try a different outlet if necessary.
- **No Signal:** Verify that the video cable (Type-C, HDMI, or DP) is correctly connected to both the monitor and your device. Check that the correct input source is selected on the monitor via the OSD menu.
- **Flickering Screen / Image Distortion:** Check cable connections. Ensure your graphics card drivers are up to date. If using a high refresh rate, confirm your cable and device support it. Try disabling FreeSync in the OSD menu to see if the issue persists.
- **Incorrect Resolution / Refresh Rate:** Adjust the display settings on your connected device (PC, console, etc.) to the desired resolution and refresh rate.
- **Buttons Not Responding:** Power cycle the monitor by unplugging it for a few seconds and then plugging it back in.
- **Sound Issues:** Ensure the volume is not muted on both the monitor and your connected device. Check headphone connections if using the 3.5mm jack.

If the problem persists after trying these steps, please contact UPERFECT customer support.

13. SPECIFICATIONS

Feature	Specification
Brand	UPERFECT
Model	UPERFECT Float APEX 27S
Screen Size	27 inches
Resolution	4K UHD (3840 x 2160)
Native Resolution	3840x2160
Refresh Rate	288 Hz (max), 144 Hz (4K)
Aspect Ratio	16:9
Panel Type	IPS
Screen Surface	Non-glare
Contrast Ratio	1000:1
Brightness	530 cd/m ²
Color Gamut	100% sRGB
Viewing Angle	178 degrees
Response Time	1 ms
Adaptive Sync	FreeSync
HDR Support	Yes
Connectivity	2x Type-C 3.1 (Full-function), HDMI 2.1, DP 1.4, 3.5mm Audio

Feature	Specification
Power Consumption	30 Watts
Dimensions (D x W x H)	1.8 cm x 61.6 cm x 36.3 cm
Weight	Approx. 3.5 kg
VESA Compatibility	100x100mm
Included Accessories	DP 1.4 Cable (4K), HDMI 2.1 Cable (4K), PD65W Power Adapter, Type-C 2.0 Cable (power only), Type-C 3.1 Cable (full-function)

14. WARRANTY AND SUPPORT

Your UPERFECT monitor comes with a 1-year manufacturer's warranty. We also offer a 90-day satisfaction trial period. If you are not completely satisfied, you may be eligible for a full refund. Dedicated support is available to assist you with any inquiries or issues. Genuine replacement cables and adapters are provided free of charge permanently.

The product is PSE certified, ensuring it meets safety standards.

For any questions regarding product use or if you encounter an initial defect within the warranty period, please contact us through your order history. We are committed to providing the best possible assistance.