

CUNPU S027/32/34ES

CUNPU 27-inch 4K 160Hz Ultimate Gaming Monitor Instruction Manual

Model: S027/32/34ES | Brand: CUNPU

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your CUNPU 27-inch 4K 160Hz Ultimate Gaming Monitor. Please read it thoroughly before use to ensure optimal performance and longevity of your device.

Key Features:

- **Uncompromised Visuals:** Experience stunning 4K resolution (3840x2160) with a 160Hz refresh rate for maximum fidelity and fluidity.
- **Elite Responsiveness:** Fast IPS panel with 1ms response time (GTG) ensures ultra-responsive gameplay and seamless on-screen action.
- **Exceptional Color Accuracy:** 99% DCI-P3 color gamut with Delta E ≤ 2 factory calibration for studio-reference color accuracy, ideal for both creative work and gaming.
- **Smooth Gaming:** G-Sync Compatible and FreeSync support eliminate screen tearing and stuttering for a smooth gaming experience.
- **Advanced Connectivity:** Equipped with full-bandwidth HDMI 2.1 and DP 1.4 ports, supporting 4K/160Hz, VRR, and QFT for next-gen consoles and GPUs.
- **Ergonomic Design:** Full ergonomic stand allows for height, tilt, swivel, and pivot adjustments for personalized viewing comfort.
- **HDR400 Support:** Delivers brighter highlights and deeper shadows for an immersive visual experience.

2. WHAT'S IN THE BOX

Please check the contents of your package. If any items are missing or damaged, contact your retailer.

- 1x CUNPU 27 Inch 4K Gaming Monitor
- 1x Power Adapter
- 1x DP Cable

- 1x Quick Installation Stand & Base Set

3. SETUP

3.1. Monitor Assembly

The monitor stand and base are designed for tool-free, quick installation.

1. Attach the monitor stand to the monitor base. Ensure it clicks securely into place.
2. Align the assembled stand with the mounting slot on the back of the monitor.
3. Gently push the monitor onto the stand until it locks into position.



Figure 3.1: Quick Installation Steps for the monitor stand. The image shows two steps: first, attaching the stand to the base, and second, attaching the assembled stand to the back of the monitor.

3.2. Cable Connections

Connect the necessary cables to your monitor and computer/console.

1. **Power Connection:** Connect the power adapter to the monitor's DC input port, then plug the power cable into a wall outlet.
2. **Video Connection:** Connect one end of the provided DisplayPort (DP) cable to the monitor's DP 1.4 port and the other end to your computer's graphics card. Alternatively, use an HDMI 2.1 cable for compatible devices like PS5 or Xbox.
3. **Audio Output:** If desired, connect external speakers or headphones to the monitor's audio out port.



Figure 3.2: Overview of the monitor's full-bandwidth ports, including DC, HDMI 2.1, DP 1.4, and Audio Out.

3.3. VESA Mounting (Optional)

The monitor supports VESA 100x100mm mounting for alternative stand or wall mount solutions. Ensure you use appropriate VESA screws (not included with the monitor) and follow the instructions provided with your VESA mount.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the VESA installation process for the monitor, showing how to attach a VESA mount to the back of the display.

4. OPERATING

4.1. Power On/Off

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

4.2. Ergonomic Adjustments

The monitor's stand offers full ergonomic flexibility to optimize your viewing experience:

- **Height Adjustment:** Raise or lower the monitor to eye level.
- **Tilt Adjustment:** Tilt the screen forward or backward (-5° to $15^{\circ} \pm 2^{\circ}$) to reduce glare and find a comfortable angle.
- **Swivel Adjustment:** Rotate the monitor horizontally (up to 30° left or right) to share your screen or adjust your position.
- **Pivot Adjustment:** Rotate the screen 90° to switch between landscape and portrait orientations, ideal for coding or document viewing.

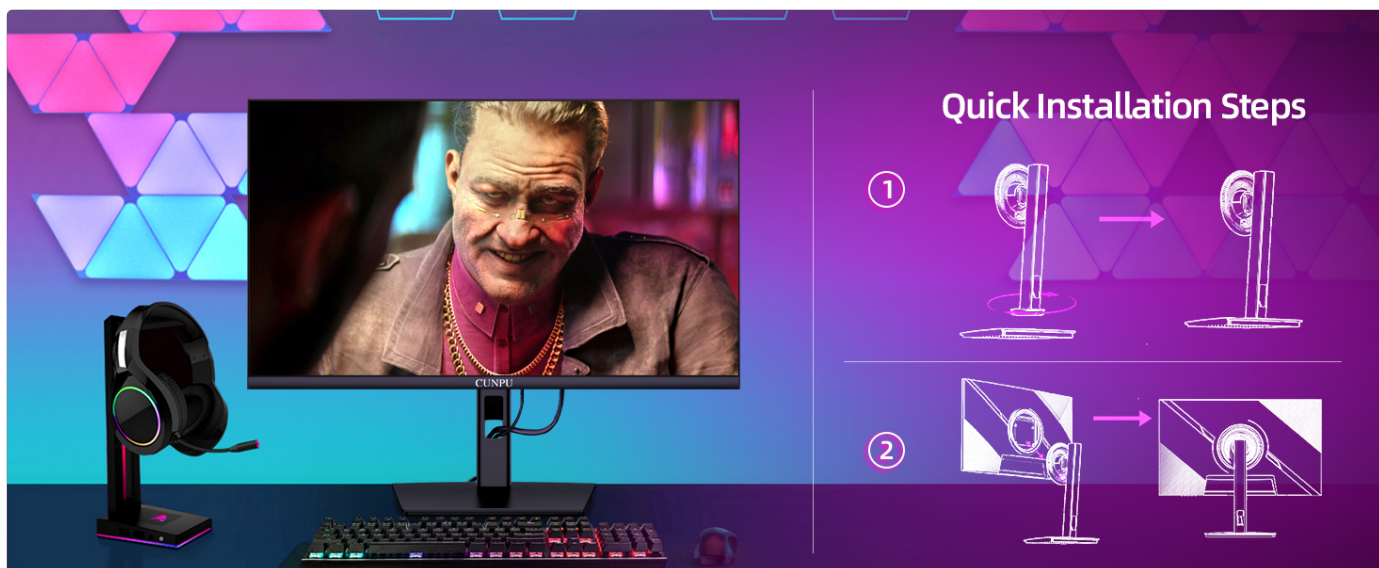


Figure 4.1: This image illustrates the various ergonomic adjustments available with the monitor's stand, including height, tilt, swivel, and pivot capabilities.

4.3. On-Screen Display (OSD) Menu

Access the OSD menu using the joystick or buttons on the monitor to adjust settings such as brightness, contrast, color modes, input source, and gaming features.

4.4. Display Settings

Ensure your operating system and graphics card settings are configured to utilize the monitor's full capabilities (4K resolution, 160Hz refresh rate, HDR).



Figure 4.2: A close-up comparison demonstrating the superior detail of 4K resolution compared to lower resolutions, highlighting the 163 PPI retina clarity.

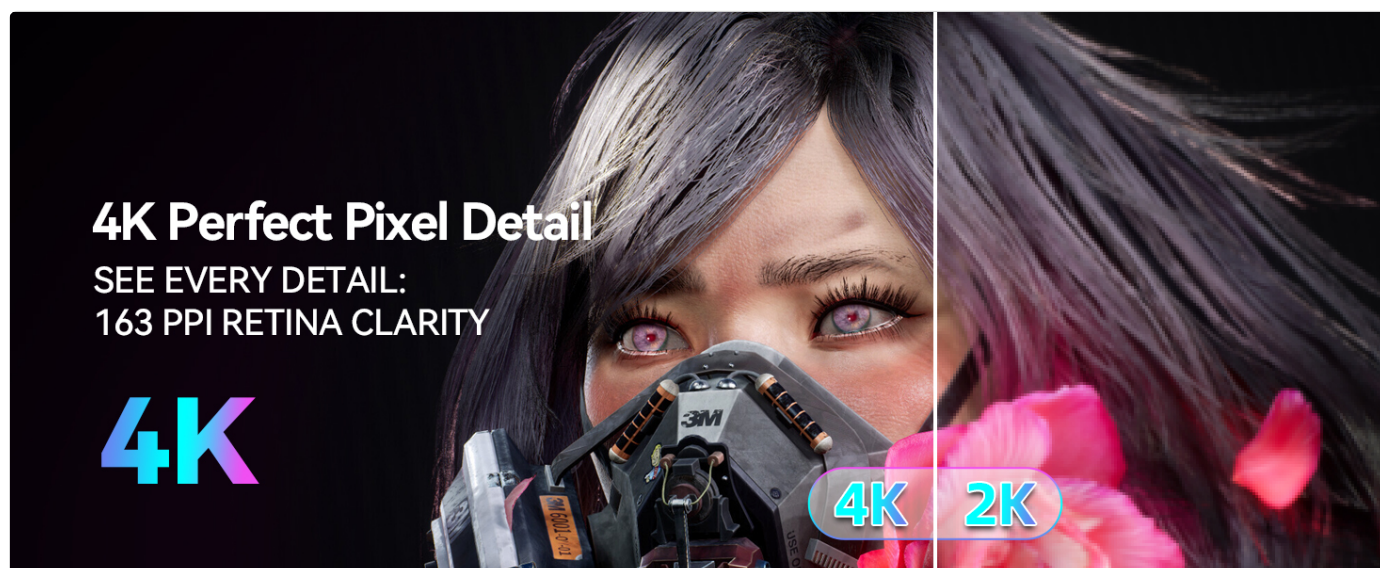


Figure 4.3: This image illustrates the difference in motion clarity between 60Hz and 160Hz refresh rates, emphasizing the ultra-fluid experience at 160Hz with 1ms GTG response.



Figure 4.4: An image highlighting the monitor's 99% DCI-P3 color coverage and Delta E ≤ 2 factory calibration, ensuring cinema color and studio accuracy.



Figure 4.5: A visual comparison between HDR400 and SDR, demonstrating how HDR illuminated content provides brighter highlights and deeper shadows.



Figure 4.6: This image illustrates the benefits of G-Sync and FreeSync support, showing a comparison of gameplay with these technologies 'ON' versus 'OFF', highlighting ultra-smooth visuals.

5. MAINTENANCE

5.1. Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials.

5.2. General Care

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

6. TROUBLESHOOTING

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

- **No Power:** Ensure the power cable is securely connected to both the monitor and the power outlet. Check if the power adapter is working correctly.
- **No Signal:** Verify that the video cable (DP or HDMI) is firmly connected to both the monitor and your computer/console. Ensure the correct input source is selected in the OSD menu.
- **Flickering Screen:** Check your graphics card drivers and update them if necessary. Ensure the refresh rate is set correctly in your display settings.
- **Poor Image Quality:** Adjust brightness, contrast, and color settings via the OSD menu. Ensure the display resolution is set to 3840 x 2160 (native) in your operating system settings.
- **Stand Wobbles:** Ensure all parts of the stand are securely assembled and tightened. Place the monitor on a stable, flat surface.

For further assistance, please contact CUNPU customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	CUNPU
Model Number	S027/32/34ES
Screen Size	27 Inches
Resolution	4K UHD 2160p (3840 x 2160 Pixels)
Refresh Rate	160Hz
Response Time	1ms (GTG)
Panel Type	Fast IPS
Color Gamut	99% DCI-P3

Feature	Specification
HDR Support	HDR400
Adaptive Sync	G-Sync Compatible & FreeSync
Aspect Ratio	16:9
Image Brightness	400 Candela
Connectivity	HDMI 2.1 (x2), DisplayPort 1.4 (x2), USB (x1), Audio Out
Ergonomic Stand	Height, Tilt, Swivel, Pivot Adjustment
Product Dimensions	7.55 x 24.11 x 20.97 inches
Item Weight	15.67 pounds

8. WARRANTY AND SUPPORT

Your CUNPU monitor comes with a standard manufacturer’s warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting, or warranty claims, please visit the official CUNPU website or contact their customer service department.

Online Resources: For the latest drivers, firmware updates, and FAQs, please visit the CUNPU support page.

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.

Name

Anonymous

Email

you@example.com

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

Open the live page

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