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> CUNPU 27 Inch 4K 144/160Hz Gaming Monitor Instruction Manual (Model S027/32/34ES)

CUNPU S027/32/34ES

CUNPU 27 Inch 4K 144/160Hz Gaming Monitor Instruction Manual

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

1. INTRODUCTION

Thank you for choosing the CUNPU 27 Inch 4K 144/160Hz Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read it thoroughly to ensure optimal performance and longevity of your device. Keep this manual for future reference.

2. WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present and undamaged. If any items are missing or damaged, please contact customer support.

- 1x 27 Inch 4K Gaming Monitor
- 1x Power Adapter
- 1x DP Cable
- 1x Quick Installation Stand & Base Set

Video: Unboxing and contents of a similar 27-inch 4K 144Hz monitor.

3. SETUP

3.1 Monitor Stand Assembly

The monitor features a plug-and-play stand designed for quick and easy installation without the need for screws. Simply align the stand arm with the monitor's mounting point and click it into place. Then, attach the base to the stand arm.

ULTRA-REALISTIC COLOUR VISUALS

4K-UHD (3840×2160)

sRGB
135%

DCI-P3
99%

8-bit+Hi-FRC
1.07B
Color display

Brightness
350 cd/m²



Image: Visual guide for assembling the monitor stand.

3.2 VESA Mounting

For alternative mounting options, the monitor is equipped with a 100x100mm VESA wall mount pattern. This allows you to use compatible VESA arms or wall mounts (sold separately).

Video: A short video guide on how to install a monitor using a VESA mount.

3.3 Connecting to Devices

Connect your computer, gaming console (PS5, Xbox), or other devices to the monitor using the provided DisplayPort (DP) cable or an HDMI 2.1 cable (not included for HDMI). Ensure cables are securely connected to the correct ports.

SUPPORTS MULTIPLE CONNECTORS EASIER TO CONNECT



Image: Rear view of the monitor with labeled input ports.

4. FEATURES

4.1 Ultra Smooth Gaming Experience

The CUNPU 27 Inch 4K Gaming Monitor features a fast IPS panel, offering a high 160Hz refresh rate and 1ms (GtG) response time. This ensures smooth performance with minimal motion blur, providing a competitive edge in fast-paced games.

IPS

Fast IPS

160Hz

Refresh rate

UHD

3840*2160P

1msGTG

Response time



Image: Comparison of 160Hz vs. 60Hz refresh rates on the monitor.

4.2 Dive Into the Gaming World

Experience stunning visuals with 4K UHD (3840x2160) resolution, 99% DCI-P3, and 135% sRGB color coverage, displaying up to 1.07 billion colors. The monitor offers a brightness of 400 nit and a static contrast ratio of 1000:1. HDR400 technology enhances picture quality, making dark parts deeper and highlights richer.

ADAPTIVE SYNC TECHNOLOGY

AMD FreeSync Premium, NVIDIA G-Sync compatible, and Adaptive Sync technology ensure super-smooth, tear-free visuals with low latency.



Image: Monitor displaying vibrant colors and color gamut specifications.

4.3 Adaptive Sync Technology

Compatible with AMD FreeSync and NVIDIA G-SYNC technology, this monitor dynamically syncs its refresh rate with the image source. This eliminates screen tearing and stuttering, providing a smooth and realistic gaming experience.

4.4 Ergonomic Design

The monitor stand offers ergonomic adjustments including a tilt range of -30 to 30°, a swivel range of -15 to 15°, a pivot range of -90 to 90°, and a height adjustment range of 3.93 inches (100mm). This allows for personalized viewing angles to enhance comfort during extended use.

ADJUSTMENT HEIGHT, SWIVEL

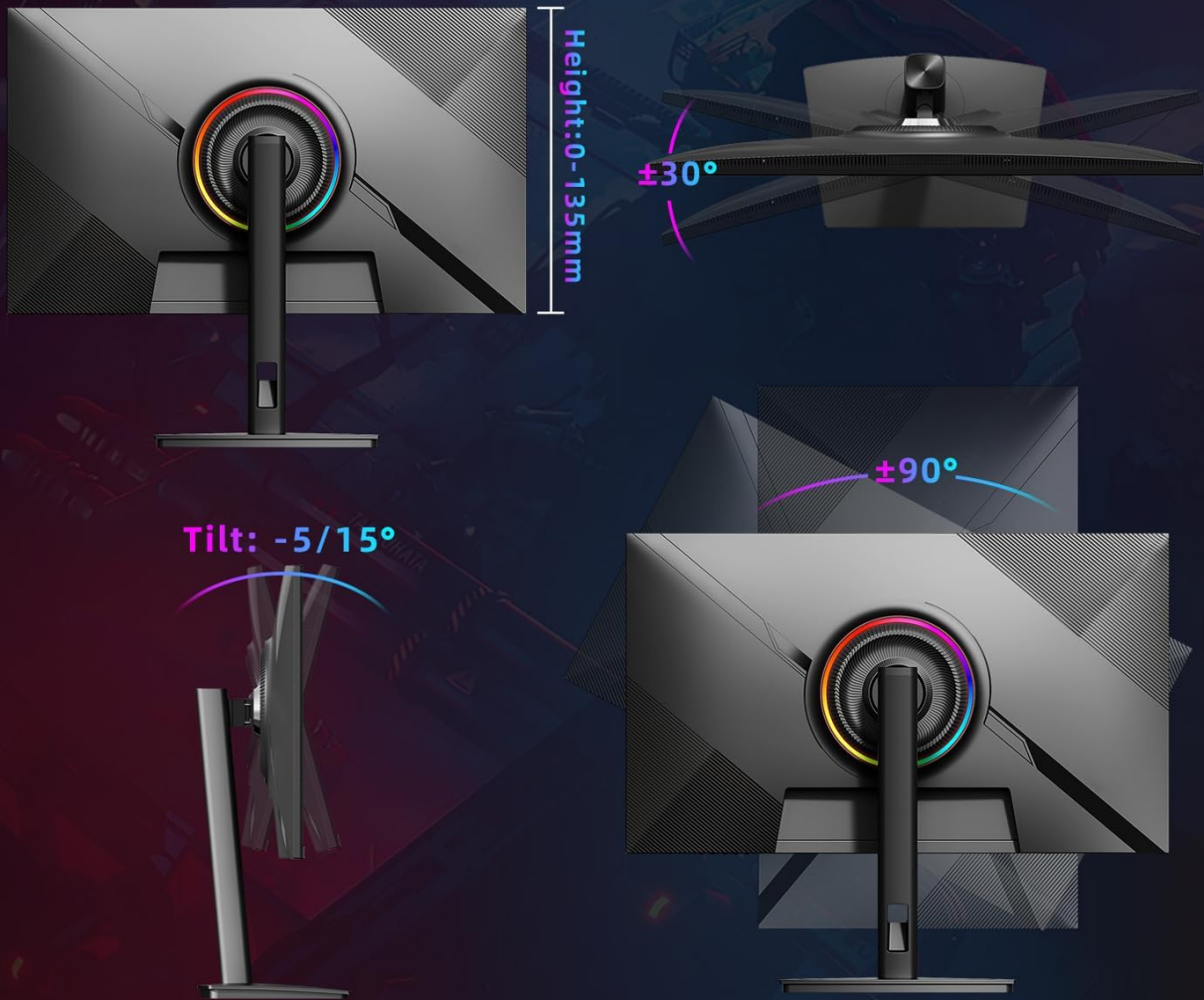


Image: Monitor showcasing its adjustable stand for optimal viewing.

4.5 Rich Connectivity

The monitor is equipped with 2x HDMI 2.1 ports and 2x DisplayPort 1.4 ports, allowing connection to various devices such as PCs, Macs, Xbox, and PS5. It supports a maximum 144Hz refresh rate via HDMI and 160Hz via DisplayPort at 4K resolution (requires compatible graphics card).

4.6 Backlight RGB Light Effect

The monitor features a customizable RGB backlight effect on its rear, adding an aesthetic touch to your gaming setup.

BACKLIGHT RGB LIGHT EFFECT



RGB LIGHTING

Red

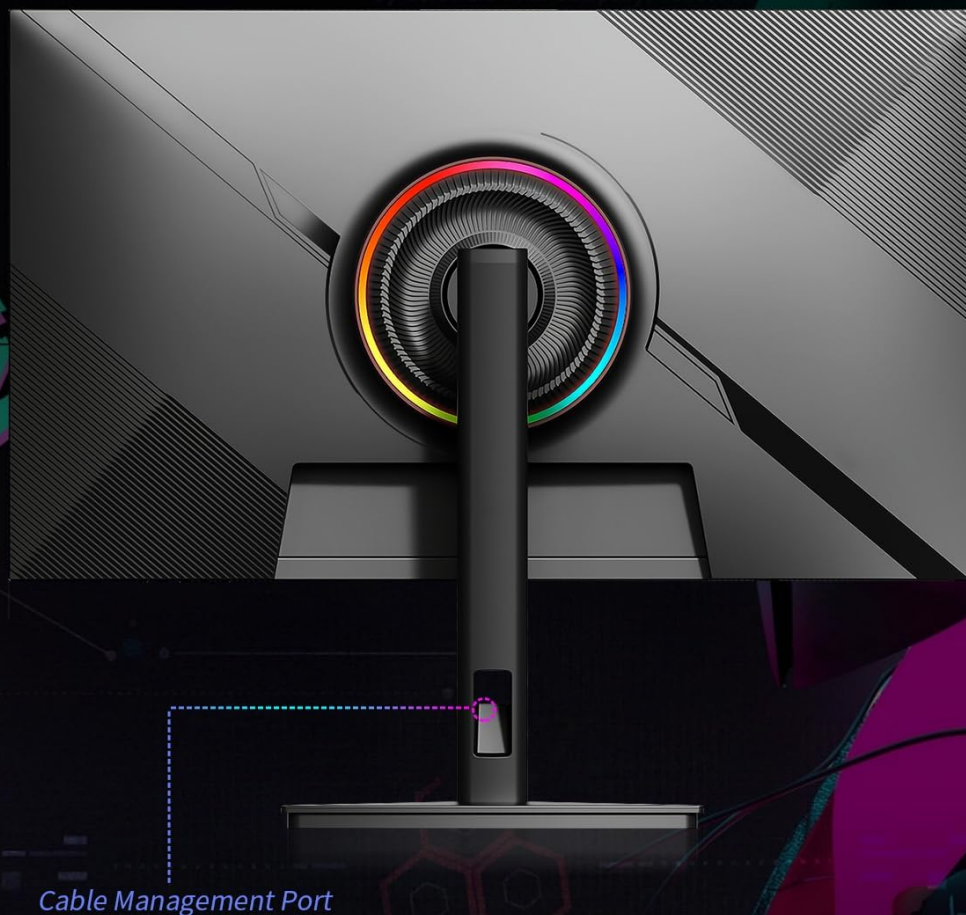
Green

Blue

Gyan

Purple

Yellow



Cable Management Port

Image: Rear view of the monitor highlighting the RGB lighting.

5. OPERATING INSTRUCTIONS

5.1 On-Screen Display (OSD) Menu

The monitor's settings can be adjusted using the On-Screen Display (OSD) menu. Typically, buttons located on the back or bottom of the monitor allow navigation through the menu options. Refer to the quick start guide for specific button functions.

5.2 PS5 120Hz and VRR Setup

To enable 120Hz and Variable Refresh Rate (VRR) on your PlayStation 5 with this monitor:

1. Connect your PS5 to the monitor using an Ultra High Speed HDMI 2.1 cable to an HDMI 2.1 supported port on your display.
2. Access the On-Screen Display (OSD) menu on your monitor and ensure FreeSync (VRR) is enabled in the Game Mode settings.

3. Power on your PS5, go to the main dashboard, and open the Settings menu.
4. Select [Screen and Video] in the settings options.
5. Locate the VRR setting and ensure it is set to Automatic or Enabled.
6. Verify that your PS5 recognizes your display's "120Hz" and "VRR" capabilities in the video output information.
7. You're all set! Now launch a game that supports 120Hz and/or VRR. In the game's settings, choose [High Refresh Rate Performance Mode] or [120Hz Mode] to activate high frame rate gameplay.

Video: Guide on enabling VRR and 120Hz mode on PlayStation 5.

6. MAINTENANCE

To maintain the performance and appearance of your monitor, follow these guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can damage the screen and internal components.
- **Proper Ventilation:** Ensure the monitor's vents are not blocked to prevent overheating.
- **Power Off When Not in Use:** Disconnect the power cable if the monitor will not be used for an extended period.

7. TROUBLESHOOTING

If you encounter any issues with your monitor, please refer to the following common solutions:

- **No Power:** Ensure the power adapter is securely connected to both the monitor and a working power outlet. Check if the power indicator light is on.
- **No Signal:** Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your source device. Ensure the correct input source is selected in the monitor's OSD menu.
- **Flickering Screen:** Check the video cable for damage or loose connections. Try a different cable or port. Ensure your graphics card drivers are up to date.
- **Image Distortion/Incorrect Colors:** Reset the monitor to factory settings via the OSD menu. Adjust color settings (brightness, contrast, color temperature) as needed.
- **PS5 120Hz/VRR Issues:** Refer to the dedicated PS5 setup section (5.2) and the accompanying video. If experiencing a black screen or unstable signal, try adjusting the [4K Video Transfer Rate] in your PS5 settings to "-1" or "-2".

If the problem persists after trying these steps, please contact CUNPU customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	CUNPU
Model Number	S027/32/34ES

Feature	Specification
Screen Size	27 Inches
Resolution	4K UHD 3840 x 2160 Pixels
Refresh Rate	144Hz (HDMI), 160Hz (DisplayPort)
Response Time	1ms (GtG)
Panel Type	Fast IPS
Color Gamut	135% sRGB, 99% DCI-P3
Color Depth	1.07 Billion Colors (10-bit)
Brightness	400 Candela (nit)
Contrast Ratio	1000:1
HDR Support	HDR400
Adaptive Sync	FreeSync & G-Sync Compatible
Connectivity	2x HDMI 2.1, 2x DisplayPort 1.4, 1x USB, Audio Out
VESA Mounting	100x100mm
Ergonomics	Tilt (-30 to 30°), Swivel (-15 to 15°), Pivot (-90 to 90°), Height Adjustment (3.93 inches)
Product Dimensions	7.55 x 24.11 x 20.97 inches
Item Weight	15.67 pounds

9. WARRANTY AND SUPPORT

Your CUNPU monitor comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for detailed terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact CUNPU customer service through the contact information provided on the product packaging or the official CUNPU website.

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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