CRUA CR270E

CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor User Manual

Model: CR270E

INTRODUCTION

Thank you for choosing the CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor. This monitor is designed to deliver an immersive visual experience with its high resolution, fast refresh rate, and vibrant color reproduction. This manual provides essential information for the proper installation, operation, and maintenance of your new monitor. Please read it thoroughly before use and retain it for future reference.

Image: Front view of the CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor.

WHAT'S IN THE BOX

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

- 27-inch Monitor
- DP Cable
- Base and Support
- User Manual
- Power Supply

PRODUCT FEATURES

- **27" 4K Display with IPS Panel:** Experience ultra-clear visuals with a 3840x2160P resolution.
- **144Hz Refresh Rate:** Enjoy fluid and sharp motion, ideal for competitive gaming and fast-paced content.
- **120% sRGB Color Accuracy:** Delivers rich and accurate tones with 350cd/m² brightness and 1000:1 high-contrast.
- **Built-in Speakers:** Provides clear audio for daily use.
- **Full Ergonomic Adjustment:** Features height, pivot, tilt, and rotation adjustments for optimal viewing angles.

- **Multiple Connectivity Options:** Equipped with 2x HDMI 2.1 and 2x DP 1.4 ports.
- **AMD FreeSync Support:** Synchronizes the monitor's refresh rate with your GPU for tear-free gaming.
- **Wall Mountable:** Supports VESA 75mm x 75mm wall mounts for flexible installation.

Image: Front view of the CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor displaying a game scene.

Image: Rear view of the CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor showing the stand and RGB lighting.

Image: Rear view of the CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor highlighting the input ports (2x DP 1.4, 2x HDMI 2.1, and 3.5mm Audio Port).

Image: Diagram illustrating the adjustable height (110mm), tilt (-5° to +15°), swivel (±30°), and pivot (90°) features of the CRUA 27-inch 4K UHD 144Hz IPS Gaming Monitor.

SETUP INSTRUCTIONS

1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws if provided.
3. Attach the base to the stand neck, securing it with the thumb screw or other fasteners.
4. Place the assembled monitor on a stable, flat surface.

2. Wall Mounting (Optional)

The monitor supports VESA 75mm x 75mm wall mounts. Remove the stand before attaching a compatible wall mount bracket (not included). Follow the instructions provided with your wall mount.

3. Connecting Cables

1. **Power:** Connect the power supply to the monitor's power input and then to a power outlet.
2. **Video Input:** Connect one end of the provided DP cable (or an HDMI cable) to the corresponding port on your computer's graphics card and the other end to a DP 1.4 or HDMI 2.1 port on the monitor.
3. **Audio Output (Optional):** If using external speakers or headphones, connect them to the 3.5mm audio jack on the monitor.

4. Initial Power-On

Press the power button on the monitor. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the OSD menu.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the power button located on the monitor to turn it on or off.

2. OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Navigate the menu using the joystick or buttons typically located on the back or bottom of the monitor.

- Press the joystick/button to open the OSD menu.
- Move the joystick up/down or use corresponding buttons to navigate through menu options.
- Move the joystick left/right or use corresponding buttons to adjust values or enter sub-menus.
- Press the joystick/button again to confirm selections or exit sub-menus.

3. Input Source Selection

If the monitor does not automatically detect the correct input, open the OSD menu, navigate to "Input Source," and select the active input (e.g., HDMI1, HDMI2, DP1, DP2).

4. Adjusting Display Settings

Within the OSD menu, you can customize settings such as:

- **Brightness/Contrast:** Adjust the overall luminance and contrast levels.
- **Color Settings:** Fine-tune color temperature, gamma, and individual RGB values.
- **Picture Quality:** Select preset modes (e.g., Standard, Game, Movie) or customize sharpness and dynamic contrast.
- **Resolution & Refresh Rate:** Ensure your computer's display settings match the monitor's native 4K UHD (3840x2160P) resolution and 144Hz refresh rate for optimal performance.
- **AMD FreeSync:** Enable FreeSync in the OSD menu and your graphics card control panel for adaptive synchronization.

5. Audio Settings

Adjust the volume of the built-in speakers or connected external audio devices through the OSD menu's audio section. You can also mute the audio if desired.

6. Ergonomic Adjustments

Adjust the monitor to your preferred viewing position:

- **Height:** Gently push or pull the monitor up or down along the stand.
- **Tilt:** Tilt the screen forward or backward.
- **Swivel:** Rotate the monitor left or right on its base.
- **Pivot:** Rotate the screen 90 degrees for vertical orientation.

MAINTENANCE

Cleaning the Screen

- Always turn off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using abrasive cleaners, alcohol, or ammonia-based solutions, as they can damage the screen surface.

General Care

- Keep the monitor away from direct sunlight, heat sources, and excessive dust.
- Ensure adequate ventilation around the monitor to prevent overheating.
- Do not place heavy objects on the monitor or its cables.
- Avoid touching the screen with sharp objects.

TROUBLESHOOTING

Problem	Possible Solution
No image on screen	- Ensure the power cable is securely connected and the monitor is turned on. - Check that the video cable (DP/HDMI) is properly connected to both the monitor and your computer. - Select the correct input source via the OSD menu. - Try connecting the monitor to another device to rule out a computer issue.
No sound from speakers	- Increase the volume using the OSD menu or your computer's sound settings. - Ensure the monitor is not muted in the OSD menu. - Verify that the audio output is set to the monitor in your computer's sound settings. - If using external speakers, ensure they are connected correctly and powered on.
Image flickering or distortion	- Check the video cable for damage or loose connections. - Ensure your graphics card drivers are up to date. - Adjust the refresh rate in your computer's display settings. - Disable AMD FreeSync temporarily to see if the issue persists.
Buttons not responding	- Unplug the monitor's power cable, wait 30 seconds, and plug it back in to reset. - Ensure no objects are pressing against the buttons.

For further assistance, please refer to the CRUA support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	CR270E
Screen Size	27 Inches
Resolution	4K UHD (3840 x 2160 Pixels)

Feature	Detail
Refresh Rate	144Hz
Panel Type	IPS
Aspect Ratio	16:9
Color Gamut	120% sRGB
Brightness	350 Candela (cd/m²)
Contrast Ratio	1000:1
Connectivity	2x DP 1.4, 2x HDMI 2.1, 1x 3.5mm Audio Jack
Adaptive Sync	AMD FreeSync
Ergonomics	Height, Pivot, Tilt, Rotate Adjustable
Wall Mount	VESA 75mm x 75mm
Built-in Speakers	Yes
Product Dimensions	2.5 x 24 x 14 inches
Item Weight	11.38 pounds

WARRANTY AND SUPPORT

CRUA provides high-quality computer monitors and premium services. For warranty information, technical support, or any questions regarding your monitor, please visit the official CRUA website or contact their customer service team. Details can typically be found on the product packaging or the CRUA brand store on Amazon.

Contact Information: Refer to your purchase documentation or the CRUA official website for the most up-to-date support contact details.