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> KOORUI 31.5-inch Curved Gaming Monitor 32E6QC User Manual

## KOORUI 32E6QC

# KOORUI 31.5-inch Curved Gaming Monitor 32E6QC User Manual

Model: 32E6QC

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KOORUI 31.5-inch Curved Gaming Monitor, model 32E6QC. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.



Image: Front view of the KOORUI 31.5-inch Curved Gaming Monitor 32E6QC, highlighting its 100% sRGB, 1500R VA panel, QHD 2560x1440 resolution, 170Hz refresh rate, and 1ms MPRT response time.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the monitor and ensure user safety:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Disconnect the power cable from the outlet if the monitor will not be used for an extended period.
- Do not attempt to repair the monitor yourself. Refer all servicing to qualified personnel.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- KOORUI 31.5-inch Curved Gaming Monitor (32E6QC)
- Monitor Stand (Base and Neck)

- Power Adapter and Power Cable
- HDMI Cable
- DisplayPort (DP) Cable
- User Manual
- Screws for Stand Assembly

## 4. SETUP

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### 4.1 Assembling the Stand

1. Place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor using the provided screws.
3. Connect the stand base to the neck and secure it with the thumb screw or screws.

### 4.2 VESA Mounting (Optional)

The monitor supports VESA 75x75mm mounting. Remove the stand if attached, then secure the monitor to a compatible VESA mount using appropriate screws.



Image: A KOORUI monitor attached to a VESA-compatible monitor arm, demonstrating VESA mount compatibility.

### 4.3 Connecting Cables

Connect the necessary cables to the monitor's rear ports:

- **Power:** Connect the power adapter to the monitor's DC input and then to a power outlet.
- **Video Input:** Connect either an HDMI cable or a DisplayPort (DP) cable from your computer's graphics card to the corresponding port on the monitor. For optimal performance (170Hz), DisplayPort is recommended.
- **Audio Output:** If desired, connect headphones or external speakers to the 3.5mm audio jack.



Image: Rear view of the KOORUI monitor, indicating the joystick control and various input ports including DC power, HDMI, and DisplayPort.

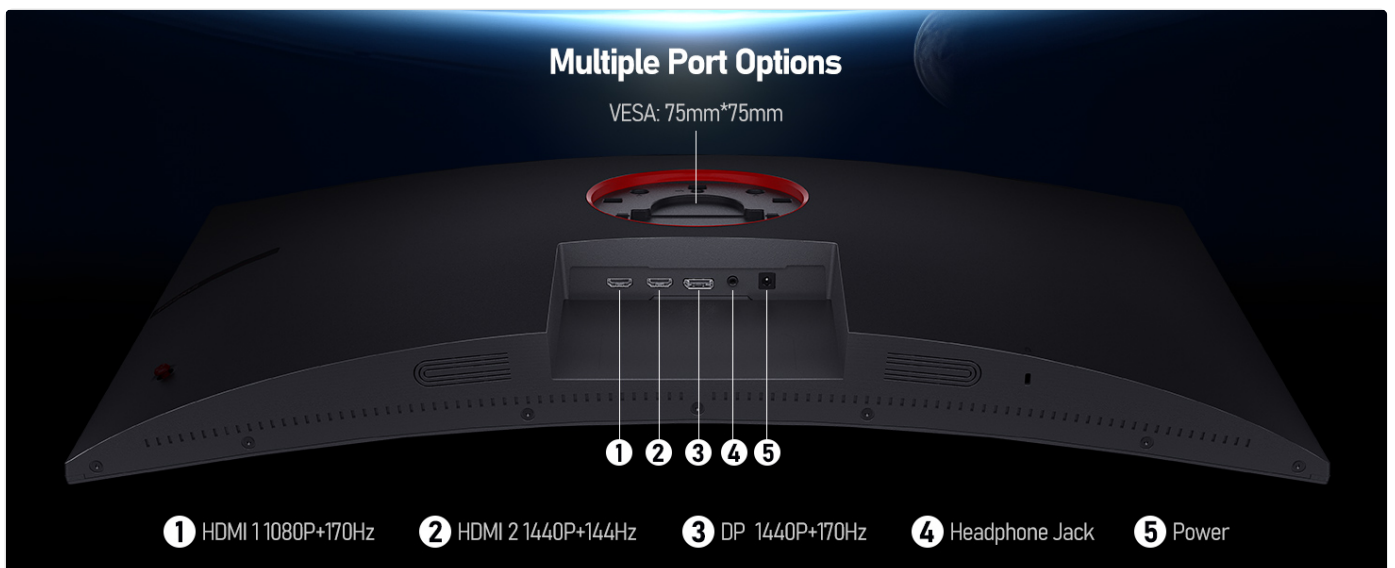


Image: A detailed diagram illustrating the multiple port options on the monitor, including HDMI 1 (1080P@170Hz), HDMI 2 (1440P@144Hz), DisplayPort (1440P@170Hz), Headphone Jack, and Power input.

## 4.4 Adjusting Monitor Tilt

The monitor allows for tilt adjustment from  $-5^{\circ}$  to  $20^{\circ}$  for optimal viewing comfort. Gently hold both sides of the monitor and adjust to your preferred angle.

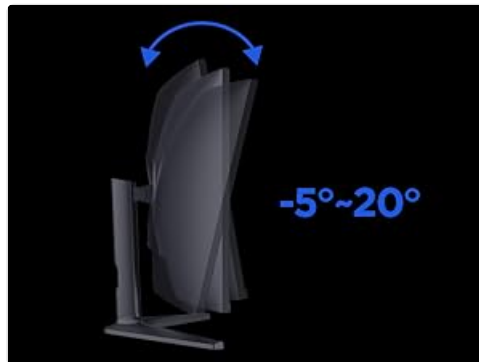


Image: A diagram illustrating the monitor's tilt adjustment range, from  $-5$  degrees to  $+20$  degrees.

## 5. OPERATING THE MONITOR

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### 5.1 Power On/Off

Press the joystick button located on the back of the monitor to power it on or off.

### 5.2 On-Screen Display (OSD) Navigation

The monitor features a joystick control for navigating the OSD menu. Press the joystick to open the OSD, then move it up, down, left, or right to select and adjust settings.

### 5.3 Key OSD Settings

- **Input Source:** Select between HDMI 1, HDMI 2, or DisplayPort.
- **Picture Settings:** Adjust brightness, contrast, sharpness, and gamma.
- **Color Settings:** Fine-tune color temperature, hue, and saturation. The monitor boasts 100% sRGB color gamut and DCI-P3 90% for accurate color reproduction.
- **Gaming Settings:** Access features like AdaptiveSync, response time (1ms MPRT), and Black Equalizer.
- **Eye Care:** Enable Low Blue Light mode and Flicker-Free technology to reduce eye strain during extended use.



Image: The monitor screen showcasing its color accuracy (100% sRGB), high contrast ratio (3000:1), 16.7 million display colors, and Eye Protection features.

#### 5.4 Refresh Rate and Response Time

The monitor supports up to a 170Hz refresh rate via DisplayPort and 144Hz via HDMI at QHD resolution, or 170Hz via HDMI at 1080P. A 1ms MPRT (Moving Picture Response Time) minimizes motion blur.



Image: A split screen comparison demonstrating the visual difference between 120Hz and 170Hz refresh rates on the monitor, showing smoother motion at higher refresh rates.



Image: A graphic highlighting the monitor's 170Hz refresh rate and 1ms response time, with a visual comparison of motion blur at 75Hz versus 170Hz.

## 5.5 AdaptiveSync Technology

AdaptiveSync technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for smoother gameplay. Enable this feature in the OSD menu.



Image: A visual comparison showing the effect of AdaptiveSync Technology, with a clear difference between the 'Off' state (potential tearing) and 'On' state (smooth display).

## 6. MAINTENANCE

### 6.1 Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner.
- Avoid using abrasive cleaners, alcohol, or ammonia-based solutions, as these can damage the screen surface.
- Clean the monitor casing with a soft, dry cloth.

### 6.2 General Care

- Do not place objects on top of the monitor.
- Avoid exposing the monitor to direct sunlight or heat sources.
- Handle the monitor with care to prevent physical damage.

## 7. TROUBLESHOOTING

Problem	Possible Solution
No image on screen	Ensure power cable is securely connected. Verify video cable (HDMI/DP) is connected to both monitor and computer. Select correct input source via OSD.
Image is blurry or distorted	Check display resolution settings on your computer. Ensure it matches the monitor's native resolution (2560x1440). Adjust sharpness in OSD.
Screen flickering	Ensure video cable is securely connected. Try a different video cable. Disable AdaptiveSync temporarily to see if it resolves the issue. Check graphics card drivers.

Problem	Possible Solution
AdaptiveSync not working	Ensure AdaptiveSync is enabled in the monitor's OSD and in your graphics card control panel. Use a DisplayPort cable. Update graphics card drivers.
No sound from headphones	Ensure headphones are properly plugged into the monitor's audio jack. Check audio output settings on your computer to ensure the monitor is selected as the output device.

## 8. SPECIFICATIONS

Feature	Detail
Model	32E6QC
Screen Size	31.5 Inches
Panel Type	VA Panel
Curvature	1500R
Resolution	QHD (2560 x 1440 Pixels)
Aspect Ratio	16:9
Refresh Rate	Up to 170Hz (DisplayPort), 144Hz (HDMI @ 1440P), 170Hz (HDMI @ 1080P)
Response Time	1ms MPRT
Contrast Ratio	3000:1
Color Gamut	100% sRGB, 90% DCI-P3
Brightness	300 cd/m <sup>2</sup>
Viewing Angle	178° (H)/178° (V)
Connectivity	2 x HDMI 2.0, 1 x DisplayPort, 1 x 3.5mm Audio Out, 1 x DC Power In
VESA Compatibility	75mm x 75mm
Dimensions (with stand)	27.98 x 9.67 x 20.07 inches (W x D x H)
Weight (with stand)	21.5 pounds



Image: Diagram showing the physical dimensions of the KOORUI 31.5-inch Curved Gaming Monitor.

## 9. WARRANTY AND SUPPORT

KOORUI provides a 1-year warranty for the display screen and a 3-year warranty for other accessories. For any queries or assistance, please contact KOORUI customer support.

For support, please visit the official KOORUI website or refer to the contact information provided with your purchase documentation.