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KOORUI KR-32E6QC

KOORUI Curved Gaming Monitor 32 Inch User Manual

Model: KR-32E6QC | Brand: KOORUI

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your KOORUI 32-inch Curved Gaming Monitor (Model KR-32E6QC). This high-performance monitor features a 32-inch UltraWide QHD (2560x1440P) VA panel with a 1500R curvature, offering an immersive visual experience. With a rapid 170Hz refresh rate, 1ms response time, AdaptiveSync technology, and HDR10 support, it is designed to deliver smooth and vibrant visuals for both gaming and multimedia consumption. Please read this manual thoroughly before using the monitor to ensure proper installation and optimal performance.



Figure 1.1: Front view of the KOORUI 32-inch Curved Gaming Monitor, highlighting its curved design and large display area.

2. WHAT'S IN THE BOX

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

- Monitor x 1
- DP 1.2 Cable x 1
- Power Adapter x 1
- User Manual x 1

3. SETUP

3.1 Stand Assembly

To assemble the monitor stand:

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.

2. Align the stand base with the stand neck and secure it with the provided screw.
3. Attach the assembled stand to the back of the monitor by aligning the mounting points and pushing until it clicks into place. Ensure it is securely fastened.

3.2 VESA Mounting (Optional)

The monitor supports VESA 75mm x 75mm mounting for wall mounts or monitor arms. To use a VESA mount:

1. If the stand is already attached, remove it by pressing the release button (if applicable) or unscrewing it.
2. Attach your VESA-compatible mount to the four screw holes on the back of the monitor using appropriate screws (M4 x 10mm recommended, not included).
3. Ensure the mount is securely fastened before mounting the monitor.



Figure 3.1: The monitor demonstrating VESA mounting compatibility, allowing for flexible setup options with a monitor arm.

3.3 Connecting Cables

Connect the necessary cables to the monitor's input ports. The monitor features HDMI and DisplayPort inputs.

- **Power Connection:** Connect the power adapter to the DC input port on the monitor and then plug it into a power outlet.
- **DisplayPort Connection:** For optimal performance (up to 170Hz refresh rate), connect one end of the included DP 1.2 cable to the DisplayPort input on the monitor and the other end to the DisplayPort output on your computer's graphics card.
- **HDMI Connection:** Alternatively, connect an HDMI cable (not included) to one of the HDMI 2.0 input ports on the monitor and the other end to the HDMI output on your device (PC, game console, etc.). HDMI supports up to 144Hz or 170Hz depending on the specific HDMI version and device capabilities.



Figure 3.2: Rear view of the monitor, illustrating the location of the DC power input, HDMI 2.0 ports, DisplayPort, and the OSD control joystick.

4. OPERATING THE MONITOR

4.1 Power On/Off

To power on the monitor, ensure it is connected to a power source and press the power button (often integrated with the

joystick on the rear). To power off, press and hold the power button until the monitor shuts down.

4.2 On-Screen Display (OSD) Navigation

The monitor's settings are controlled via a single joystick located on the rear of the monitor (refer to Figure 3.2). Use the joystick to navigate the OSD menu:

- **Press:** Enter menu / Confirm selection.
- **Up/Down:** Navigate through menu options.
- **Left/Right:** Adjust values or select sub-menus.
- **Push Left (from main screen):** Quick access to input source selection.
- **Push Right (from main screen):** Quick access to picture modes.

4.3 Display Settings

Adjust various display settings through the OSD menu to optimize your viewing experience:

- **Brightness/Contrast:** Adjust the overall luminance and contrast ratio.
- **Color Temperature:** Select from preset options (e.g., Warm, Cool, User) or customize RGB values.
- **Picture Mode:** Choose from various presets optimized for different content types (e.g., Standard, Game, Movie, Text).
- **Aspect Ratio:** Set the display aspect ratio (e.g., Full, 1:1).



Figure 4.1: Visual representation of the monitor's color capabilities (100% sRGB), high contrast ratio (3000:1), 16.7 million display colors, and eye protection features.

4.4 Gaming Features

The KOORUI KR-32E6QC monitor is equipped with features to enhance your gaming experience:

- **170Hz Refresh Rate:** Provides ultra-smooth motion and reduced input lag. Ensure your graphics card and connection (DisplayPort recommended) support this refresh rate.
- **1ms MPRT Response Time:** Minimizes motion blur and ghosting for crisp, clear fast-paced action.
- **AdaptiveSync Technology:** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering. Enable this feature in your graphics card control panel.
- **HDR10 Support:** Delivers a wider range of colors and contrast for more realistic and vibrant visuals in compatible content.



KOORUI

Immersive Gaming Experience

 Response Time	 Refresh Rate	 2560*1440	 VA Panel	 75*75mm
 100% sRGB	 Eye Care	 AdaptiveSync Technology	 HDR 10	 178° Wide View Angle

Figure 4.2: An overview of the monitor's key gaming and display features, including its fast response time, high refresh rate, and advanced panel technology.

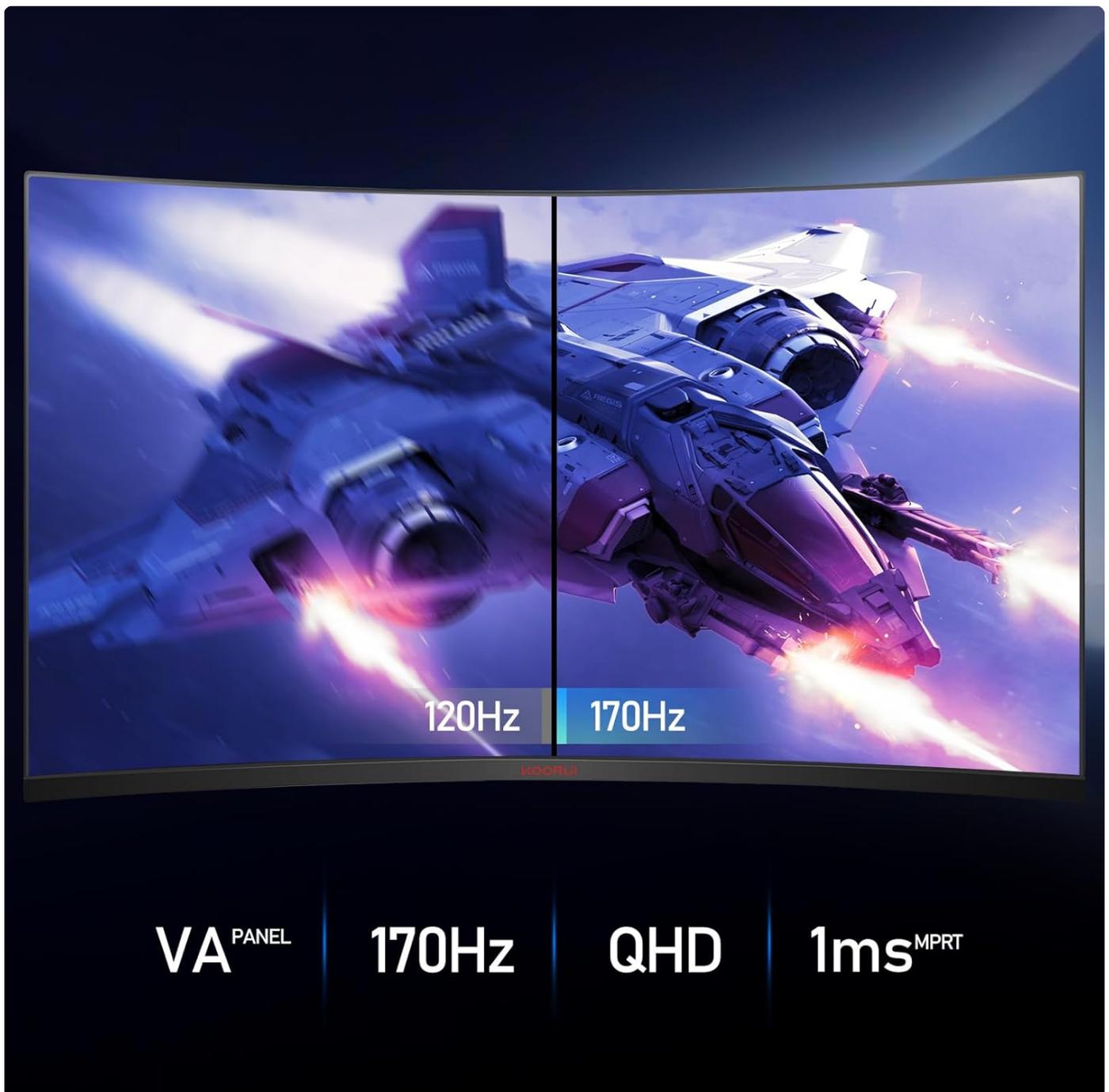


Figure 4.3: A visual comparison demonstrating the smoother motion achieved with a 170Hz refresh rate compared to 120Hz on the KOORUI monitor.

4.5 Eye Care Features

The monitor incorporates technologies to reduce eye strain during prolonged use:

- **Flicker-Free Technology:** Eliminates screen flickering, which can cause eye fatigue.
- **Low Blue Light Filter:** Reduces harmful blue light emissions. This feature can be adjusted or enabled/disabled via the OSD menu.

5. SPECIFICATIONS

Below are the technical specifications for the KOORUI KR-32E6QC monitor:

Feature	Specification
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Brand	KOORUI
Model Number	KR-32E6QC
Display Size	31.5 Inches
Panel Type	VA Panel
Curvature	1500R
Resolution	2560 x 1440 (QHD)
Refresh Rate	170Hz (DisplayPort), 144Hz/170Hz (HDMI)
Response Time	1ms (MPRT)
Color Gamut	100% sRGB, 90% DCI-P3
Contrast Ratio	3000:1
HDR Support	HDR10
Adaptive Sync	Yes
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.2
VESA Compatibility	75mm x 75mm
Tilt Adjustment	-5° to 20°
Product Dimensions (L x W x H)	71.07 x 10.33 x 41.87 cm
Item Weight	8.9 Kilograms



Figure 5.1: Diagram illustrating the physical dimensions of the KOORUI 32-inch Curved Gaming Monitor.

6. MAINTENANCE

Proper care and maintenance will extend the life of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of non-ammonia, non-alcohol based glass cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked. Do not place the monitor in an enclosed space without adequate airflow.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to save energy and prolong its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Solution
No image on screen	<p>Ensure the power cable is securely connected to the monitor and a power outlet.</p> <p>Check if the power indicator light is on.</p> <p>Verify that the video cable (DP or HDMI) is securely connected to both the monitor and your computer/device.</p> <p>Press the joystick to open the OSD and select the correct input source.</p> <p>Try connecting the monitor to another device to confirm if the issue is with the monitor or the source device.</p>
Image is blurry or distorted	<p>Ensure the display resolution on your computer is set to 2560x1440.</p> <p>Check the refresh rate setting on your computer; ensure it is set to 170Hz (or 144Hz/170Hz for HDMI).</p> <p>Adjust the monitor's picture settings (e.g., sharpness, contrast) via the OSD.</p>
Screen flickering	<p>Ensure Flicker-Free technology is enabled in the OSD.</p> <p>Check for loose cable connections.</p> <p>Update your graphics card drivers.</p> <p>If AdaptiveSync is enabled, try disabling it temporarily to see if the issue persists.</p>
No sound (if using monitor speakers/audio out)	<p>This monitor does not have built-in speakers. Ensure external speakers or headphones are connected to your source device or a separate audio output.</p> <p>Check audio settings on your computer/device to ensure the correct audio output is selected.</p>
AdaptiveSync not working	<p>Ensure your graphics card supports AdaptiveSync (FreeSync).</p> <p>Update your graphics card drivers to the latest version.</p> <p>Enable AdaptiveSync in both the monitor's OSD and your graphics card control panel.</p> <p>Use a DisplayPort cable for optimal AdaptiveSync performance.</p>

8. WARRANTY AND SUPPORT

KOORUI provides a 3-year limited warranty for this product. For detailed warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official KOORUI website. For technical support, troubleshooting assistance, or warranty claims, please contact KOORUI customer service through the contact information provided on the official website or your purchase platform.

For the latest information and support, please visit the official KOORUI website or refer to the contact details provided in your product packaging.