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KTC H32S17C

KTC 32 Inch Curved Gaming Monitor User Manual

Model: H32S17C

Brand: KTC

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your KTC 32 Inch Curved Gaming Monitor (Model: H32S17C). Designed for an immersive visual experience, this monitor features a Full HD (1920x1080) VA panel with a 1500R curvature, a high 165Hz refresh rate, and 1ms MPRT response time, making it ideal for gaming and multimedia. It also supports HDR, FreeSync Premium, and G-Sync for enhanced visual performance.

Please read this manual thoroughly before using the monitor to ensure proper functionality and to maximize your viewing experience.

2. WHAT'S IN THE BOX

Verify that all components are present and in good condition upon unboxing:

- Monitor x 1
- Stand Set x 1
- DP Cable (1.5M/59") x 1
- Power Cord (1.5M/59") x 1
- Adapter (with 1M Output Line) x 1

3. SETUP GUIDE

3.1 Assembling the Stand

Carefully attach the monitor stand to the back of the display. Ensure all screws are tightened securely to prevent wobbling.

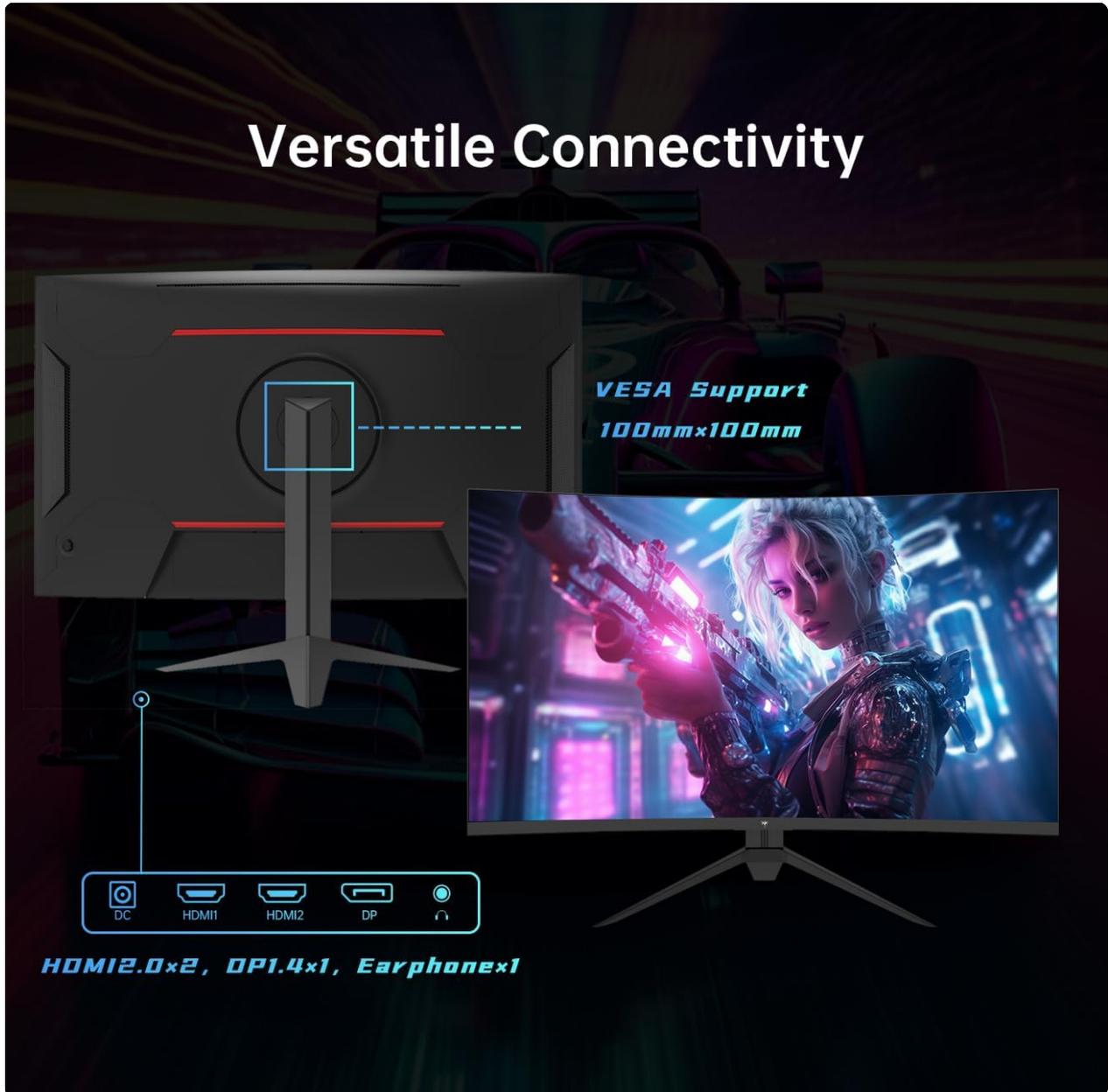


Figure 3.1: Diagram illustrating the steps for assembling the monitor stand.

The monitor also supports VESA 100x100mm mounting for alternative setups, such as wall mounts or monitor arms (sold separately).

Tilt Adjustability & Quick Release Stand

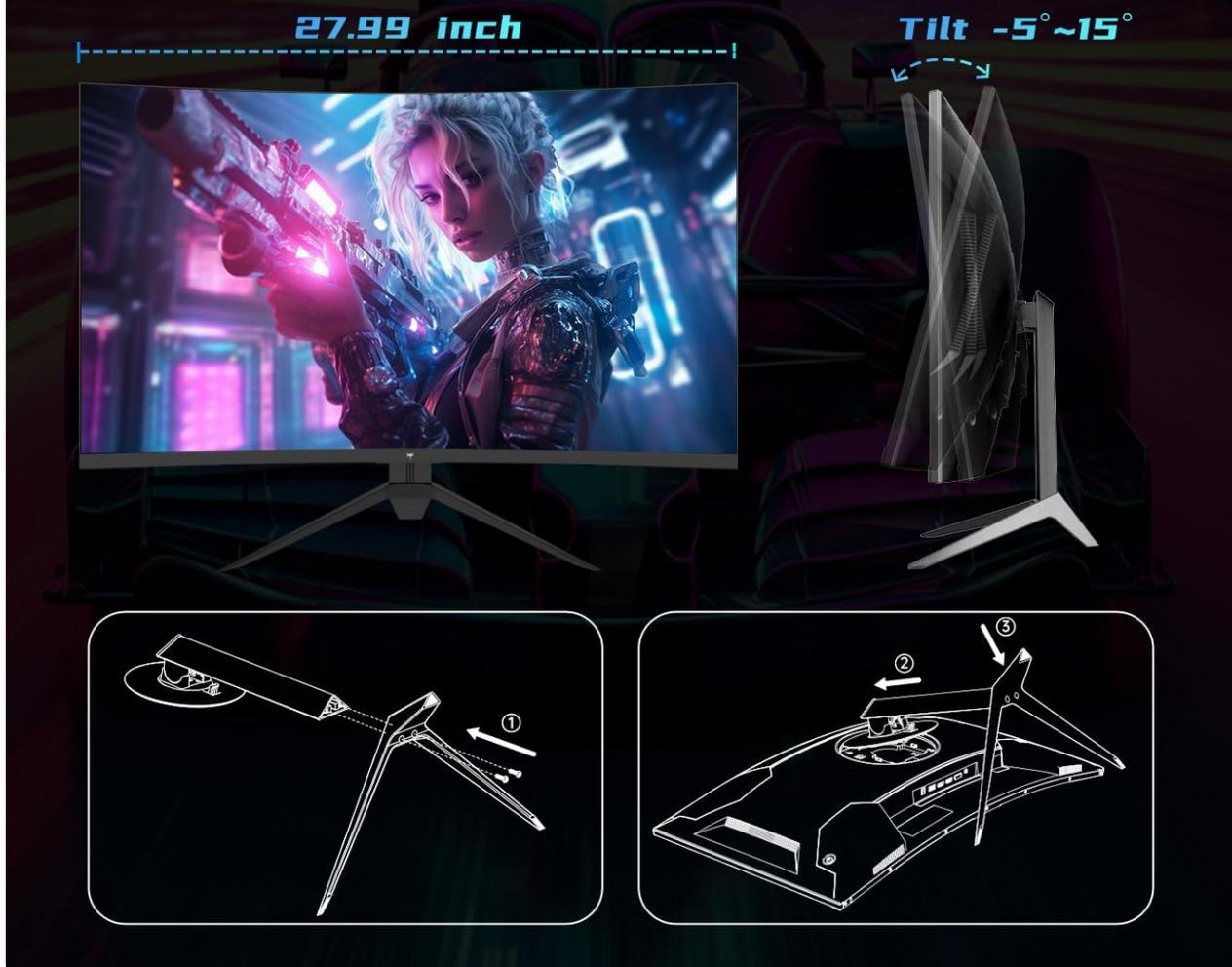


Figure 3.2: Monitor showing VESA mount compatibility and tilt adjustment range (-5° to 15°).

3.2 Connecting to a Device

Connect your computer or gaming console to the monitor using the provided DisplayPort (DP) cable or an HDMI cable. The monitor features versatile connectivity options:

- HDMI 2.0 x 2
- DisplayPort 1.4 x 1
- Earphone Jack x 1

Reproduce Brilliant Colors



Figure 3.3: Rear view of the monitor highlighting the HDMI, DisplayPort, and Earphone input ports.

3.3 Power Connection

Connect the power adapter to the monitor's DC input port, then plug the power cord into a wall outlet. The monitor is now ready for use.

3.4 Initial Power On and Adjustments

Press the power button located on the monitor to turn it on. You may need to adjust display settings such as brightness, contrast, and color temperature via the On-Screen Display (OSD) menu for optimal viewing.

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Video 3.1: An official overview of the KTC 32 Inch Curved Gaming Monitor (H32S17C), demonstrating its features and setup.

4. OPERATING INSTRUCTIONS

4.1 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to configure various display settings. Use the buttons on the monitor (usually located on the back or bottom right) to navigate the menu:

- **Power Button:** Turns the monitor on/off.
- **Joystick/Buttons:** Used to enter the OSD menu, navigate through options, and confirm selections.

Common OSD settings include:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature.
- **Display Settings:** Aspect Ratio, Input Source.
- **Audio Settings:** Volume (for earphone output).
- **Gaming Features:** FreeSync/G-Sync, Response Time (MPRT), Crosshair.

4.2 Gaming Performance Features

This monitor is optimized for gaming with several key features:

- **165Hz Refresh Rate:** Provides ultra-smooth motion and reduced input lag. This is crucial for fast-paced games, offering a significant advantage.
- **1ms MPRT Response Time:** Minimizes motion blur and ghosting, ensuring crisp and clear visuals even during rapid movements.
- **FreeSync Premium & G-Sync Support:** Synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering for a fluid gaming experience.
- **HDR (High Dynamic Range):** Enhances contrast and color accuracy, providing a more vibrant and realistic image with deeper blacks and brighter whites.

Seamless Smooth Experience

FreeSync Technology Support



Conventional

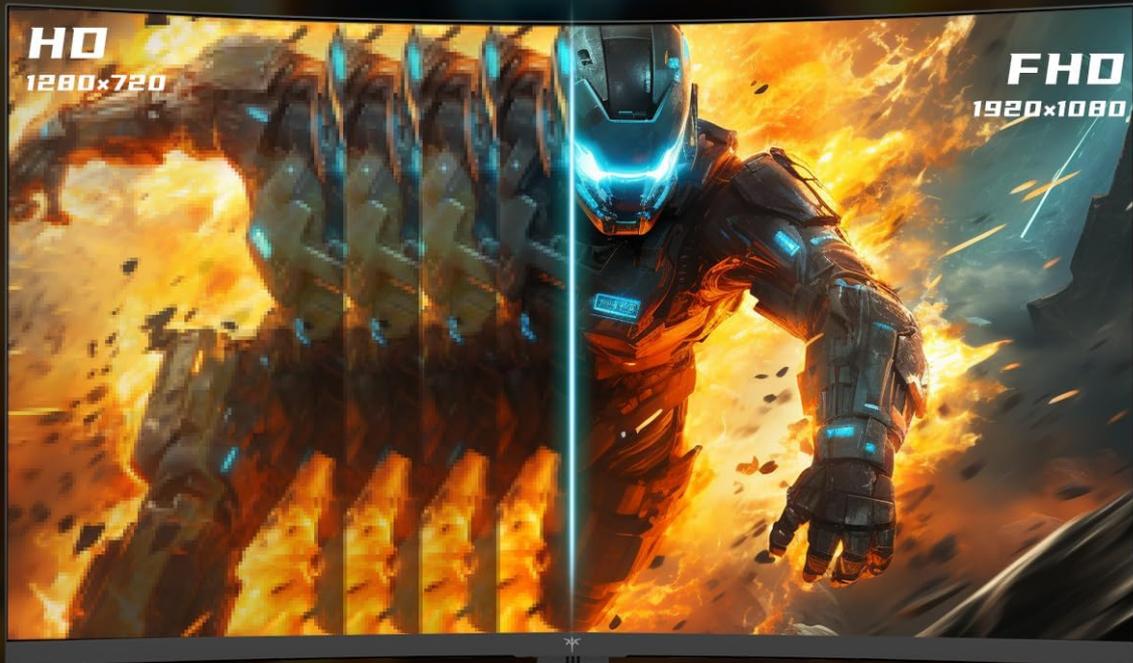


FreeSync

Figure 4.1: Visual comparison demonstrating the seamless smooth experience with FreeSync technology support versus conventional display.

Smooth Image Display

FHD 165Hz Display



60Hz

165Hz

Figure 4.2: Illustration of smooth image display with FHD 165Hz refresh rate compared to 60Hz.



Figure 4.3: Overview of the KTC 32-inch curved monitor highlighting FHD 1920x1080 resolution, 3000:1 contrast, 165Hz refresh rate, and -5° to 15° tilt.

Reproduce Brilliant Colors



Figure 4.4: The monitor's ability to reproduce brilliant colors with 350cd/m² brightness, 3000:1 contrast, and 122% sRGB color gamut area.

4.3 Eye Care Features

The monitor incorporates Flicker-Free technology and a Low Blue Light mode to reduce eye strain during extended use, promoting a more comfortable viewing experience.

5. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-ammonia, non-alcohol based screen cleaner. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing. Avoid using abrasive cleaners or solvents.

- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked. Proper airflow prevents overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

6. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No image on screen	<p>Ensure the power cable is securely connected to the monitor and a power outlet.</p> <p>Verify the video cable (DP/HDMI) is firmly connected to both the monitor and the source device.</p> <p>Check if the correct input source is selected in the OSD menu.</p> <p>Confirm the source device (PC/console) is powered on and functioning correctly.</p>
Image is blurry or distorted	<p>Adjust the resolution of your source device to match the monitor's native resolution (1920x1080).</p> <p>Check the video cable for damage or loose connections.</p> <p>Adjust the sharpness setting in the OSD menu.</p>
Flickering screen	<p>Ensure the video cable is properly connected.</p> <p>Disable FreeSync/G-Sync in the OSD menu or your GPU settings to see if it resolves the issue.</p> <p>Try a different video cable or port.</p>
Colors appear incorrect	<p>Adjust color settings (Color Temperature, Hue, Saturation) in the OSD menu.</p> <p>Ensure HDR is enabled/disabled as appropriate for your content and source.</p> <p>Update your graphics card drivers.</p>

7. SPECIFICATIONS

Feature	Detail
Screen Size	32 Inches
Resolution	FHD 1080p (1920 x 1080 Pixels)
Refresh Rate	165Hz
Response Time	1ms MPRT

Feature	Detail
Panel Type	VA
Curvature	1500R
Brightness	350 cd/m ²
Contrast Ratio	3000:1 (Dynamic)
Color Gamut	122% sRGB
HDR Support	Yes
Adaptive Sync	FreeSync Premium, G-Sync Compatible
Input Ports	HDMI 2.0 x 2, DisplayPort 1.4 x 1
Audio Ports	Earphone Jack x 1
VESA Compatibility	100x100mm
Tilt Adjustment	-5° to 15°
Product Dimensions	6.69 x 31.1 x 21.06 inches
Item Weight	18.41 pounds

8. WARRANTY AND SUPPORT

Your KTC 32 Inch Curved Gaming Monitor comes with a standard manufacturer's warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the official User Manual PDF provided with your product or download it from the manufacturer's website.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact KTC customer service through their official channels. You can often find contact information on the manufacturer's website or in the full user manual.

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