

KTC 99 Null 6

KTC 24-inch 190Hz/180Hz Gaming Monitor User Manual

Model: 99 Null 6 | Brand: KTC

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your KTC 24-inch 190Hz/180Hz Gaming Monitor (Model: 99 Null 6). Designed for an immersive visual experience, this monitor features a Fast IPS panel, HDR 400 support, and a rapid 1ms response time, making it ideal for both gaming and professional use. Please read this manual thoroughly before using your monitor to ensure optimal performance and longevity.



Figure 1: Front view of the KTC 24-inch 190Hz/180Hz Gaming Monitor.

SETUP GUIDE

1. What's in the Box

- 1 x 24 inch 190Hz Monitor
- 1 x Base
- Power Adapter
- HDMI Cable
- DisplayPort (DP) Cable
- User Manual (this document)

2. Assembly

The monitor comes with a quick-assembly stand.

1. Carefully remove the monitor and base from the packaging.
2. Attach the base to the monitor stand using the provided screws. Ensure it is securely fastened.
3. The monitor also supports VESA wall-mount (100x100mm) for flexible placement. If using a VESA mount, refer to the mount's instructions for installation.

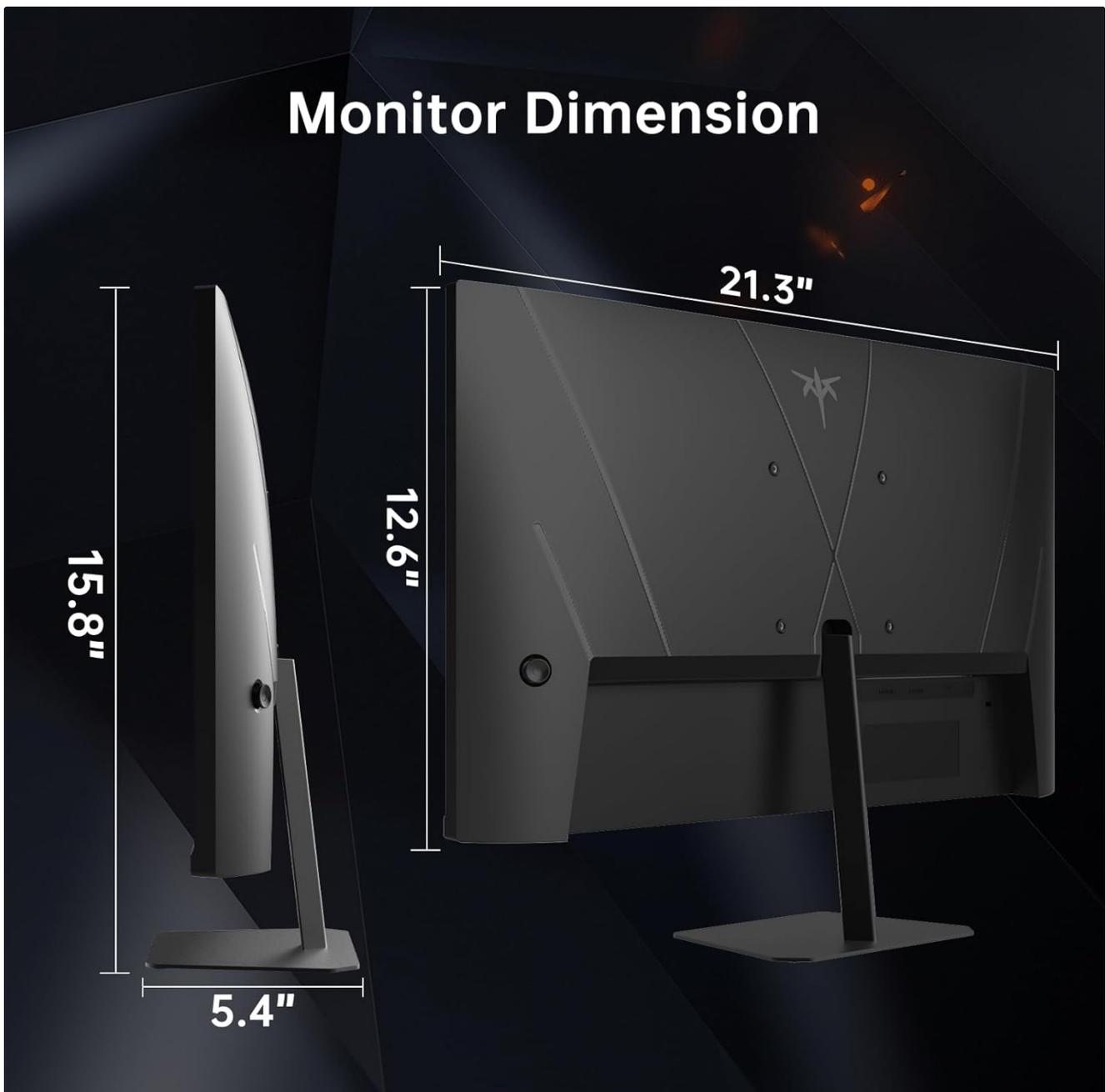


Figure 2: Monitor dimensions and VESA mount compatibility (100x100mm).

3. Connecting to Devices

Connect your monitor to your computer or other devices using the appropriate cables.

- **HDMI Connection:** Use an HDMI cable to connect to devices supporting HDMI 2.0. Both HDMI ports support up to 180Hz (overclocked to 190Hz).
- **DisplayPort (DP) Connection:** Use a DisplayPort cable to connect to devices supporting DP 1.4. The DP port supports up to 180Hz (overclocked to 190Hz).
- **Power Connection:** Connect the power adapter to the monitor's DC input and then to a power outlet.



Figure 3: Rear view of the monitor showing DC, HDMI, and DisplayPort inputs.

OPERATING THE MONITOR

1. Power On/Off

Locate the power button, typically a joystick-style button, on the back right side of the monitor. Press it to power on or off.

2. On-Screen Display (OSD) Navigation

The joystick button also serves as the OSD navigation control.

- Press the joystick to open the OSD menu.
- Move the joystick up, down, left, or right to navigate through menu options.
- Press the joystick again to select an option or confirm a setting.
- Move the joystick left to exit a menu or go back to the previous level.

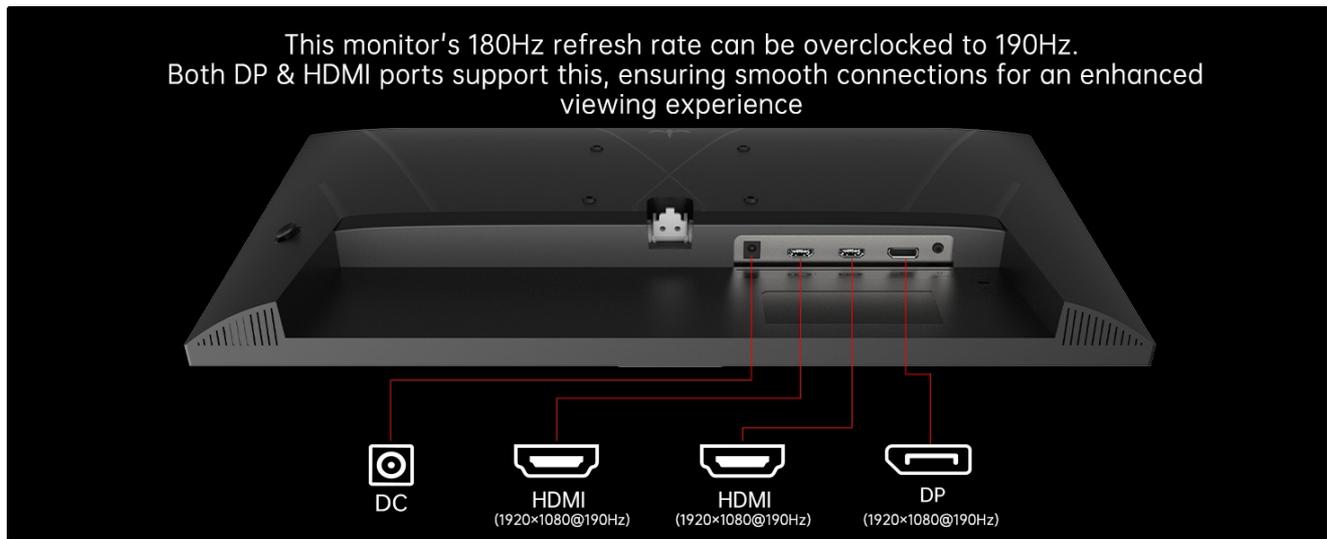


Figure 4: Easy control with the joystick for OSD navigation.

3. Display Features and Settings

- **Refresh Rate:** Experience ultra-smooth visuals with a native 180Hz refresh rate, overclockable to 190Hz via both HDMI and DisplayPort connections. This ensures seamless motion and zero lag for fast-paced content.

190Hz Refresh Rate

Experience Seamless Motion: 180Hz for Unmatched Gaming!



Figure 5: High refresh rate for smooth visuals.

- **Response Time:** Achieve lightning-fast 1ms MPRT (Moving Picture Response Time) to eliminate motion blur and ghosting, providing a clear advantage in dynamic scenes.

1ms Response Time

Stay Ahead of the Game with Lightning-Fast 1ms Response!



Figure 6: 1ms response time for crisp motion.

- **Color and Contrast:** The Fast IPS panel delivers a 133% sRGB color gamut, 16.7 million display colors, and a 1000:1 contrast ratio. DisplayHDR 400 enhances contrast, providing deeper blacks and brighter whites for crystal-clear details even in dark in-game scenes.

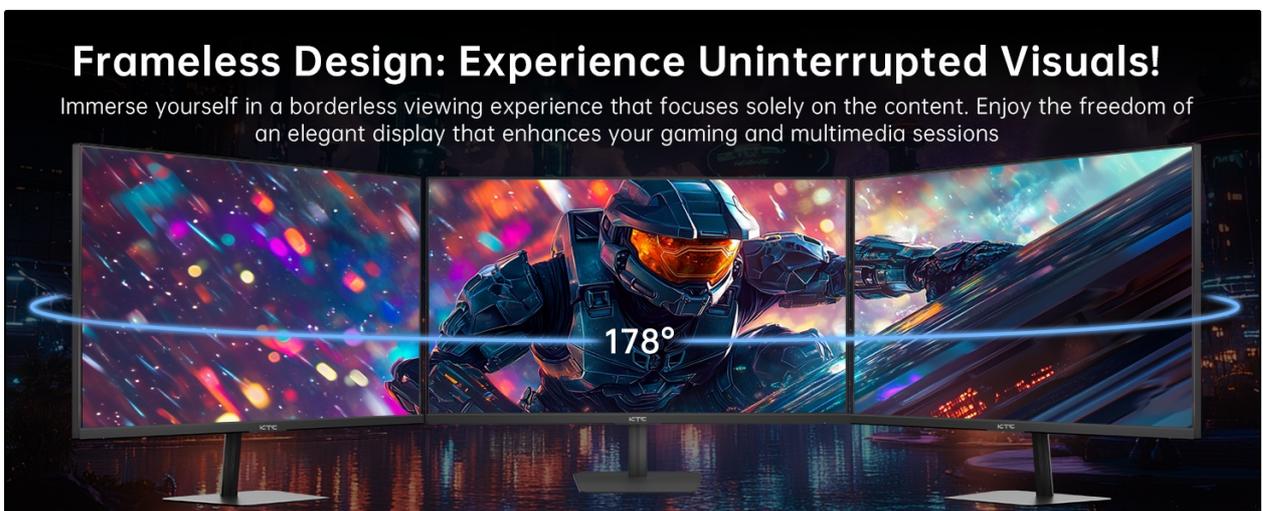


Figure 7: Rich colors and enhanced contrast with HDR400.

- **Adaptive Sync:** Compatible with AdaptiveSync technologies like FreeSync and G-Sync, ensuring tear-free and stutter-free gameplay by synchronizing the monitor's refresh rate with your GPU's frame rate.

FreeSync & G-Sync

Smooth movements in high-resolution and fast-paced games, almost without stuttering and interruptions.



Figure 8: Smooth movements with FreeSync & G-Sync.

- **Eye Care Technology:** Features Flicker-Free technology and Low Blue Light modes to reduce eye strain during prolonged use, promoting comfortable viewing.

Low Blue Light Technology

Eye Comfort, Anytime: Experience Superior Display Technology!



Eye Care



Flick-free



Low Blue Light



Figure 9: Eye-Care Technology for reduced strain.

- **Game Assistance:** Utilize built-in game assistance tools to enhance your gaming experience and track progress.



Figure 10: Game Assistance features to boost your victory.

4. Official Product Video

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Video 1: KTC 2025 New Model HDR400 190Hz/180Hz HDR400 Monitor. This official video provides an overview of the monitor's key features and performance.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a screen-specific cleaning solution. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No display/Power LED off	Power cable not connected or power outlet issue.	Ensure the power cable is securely connected to the monitor and a working power outlet. Check the power adapter.
No signal	Input cable not connected or incorrect input source selected.	Verify the HDMI/DP cable is firmly connected to both the monitor and the device. Use the OSD menu to select the correct input source.
Flickering or distorted image	Incorrect refresh rate, cable issue, or graphics driver problem.	Ensure your graphics card drivers are up to date. Check the cable for damage and try a different cable if possible. Adjust the refresh rate in your computer's display settings.
Colors appear off (e.g., greenish hue)	Color settings misconfigured or panel characteristic.	Adjust color temperature, hue, and saturation settings via the OSD menu. Some IPS panels may exhibit slight glow at extreme angles, which is normal.

Problem	Possible Cause	Solution
OSD button difficult to access	Ergonomic placement of the joystick button.	The joystick button is located on the back right. Familiarize yourself with its position for easier access.

For further assistance, please contact KTC customer support.

SPECIFICATIONS

Feature	Detail
Screen Size	24 Inches (23.8" viewable)
Panel Type	Fast IPS
Resolution	FHD 1920 x 1080 Pixels
Refresh Rate	190Hz (via HDMI & DP, overclocked from 180Hz)
Response Time	1ms MPRT
HDR Support	DisplayHDR 400
Color Gamut	133% sRGB
Contrast Ratio	1000:1
Image Brightness	400 Candela (nits)
Connectivity	2 x HDMI 2.0, 1 x DisplayPort 1.4, DC Power Input
Adjustability	Tilt Adjustable (-5° to 20°)
VESA Compatibility	100 x 100 mm
Eye Care Features	Flicker-Free, Low Blue Light
Product Dimensions	15.75 x 7.87 x 7.87 inches
Item Weight	9.38 pounds
Model Number	99 Null 6

WARRANTY AND SUPPORT

KTC is committed to providing high-quality products and excellent customer service.

- **Warranty:** This monitor comes with a 3-year warranty, ensuring peace of mind regarding product quality and performance.
- **Customer Support:** KTC offers 24/7 fast support and dedicated technical support to assist you with any inquiries or issues.
- **Quality Guarantee:** We stand by the quality of our products.

For support, please visit the official KTC store on Amazon or contact the seller directly: [Ktcmirror-Official Seller Page](#).

