

KTC H27T22S-01

KTC 27" Gaming Monitor User Manual

Model: H27T22S-01

1. INTRODUCTION

Thank you for purchasing the KTC 27" Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

2. SAFETY INFORMATION

Always observe the following safety precautions to avoid injury or damage to the product:

- 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.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Keep the monitor away from strong magnetic fields.
- Clean the screen with a soft, lint-free cloth. Avoid using abrasive cleaners.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- KTC 27" Gaming Monitor (H27T22S-01)
- Power Adapter and Cable
- DisplayPort (DP) Cable
- HDMI Cable
- Monitor Stand (Base and Neck)
- User Manual (this document)
- Screws for Stand Assembly

4. PRODUCT OVERVIEW

4.1 Front View

The front of the monitor features the display panel and the KTC logo at the bottom center.



Image: Front view of the KTC 27 inch gaming monitor, highlighting its QHD resolution and 180Hz refresh rate capabilities.

4.2 Rear View and Ports

The rear of the monitor includes various input/output ports and the control joystick.

Vivid Colors Come Alive

99% sRGB

Color gamut

8Bit

Display color

122% sRGB

Gamut volume

16.7 Million

Color quantity

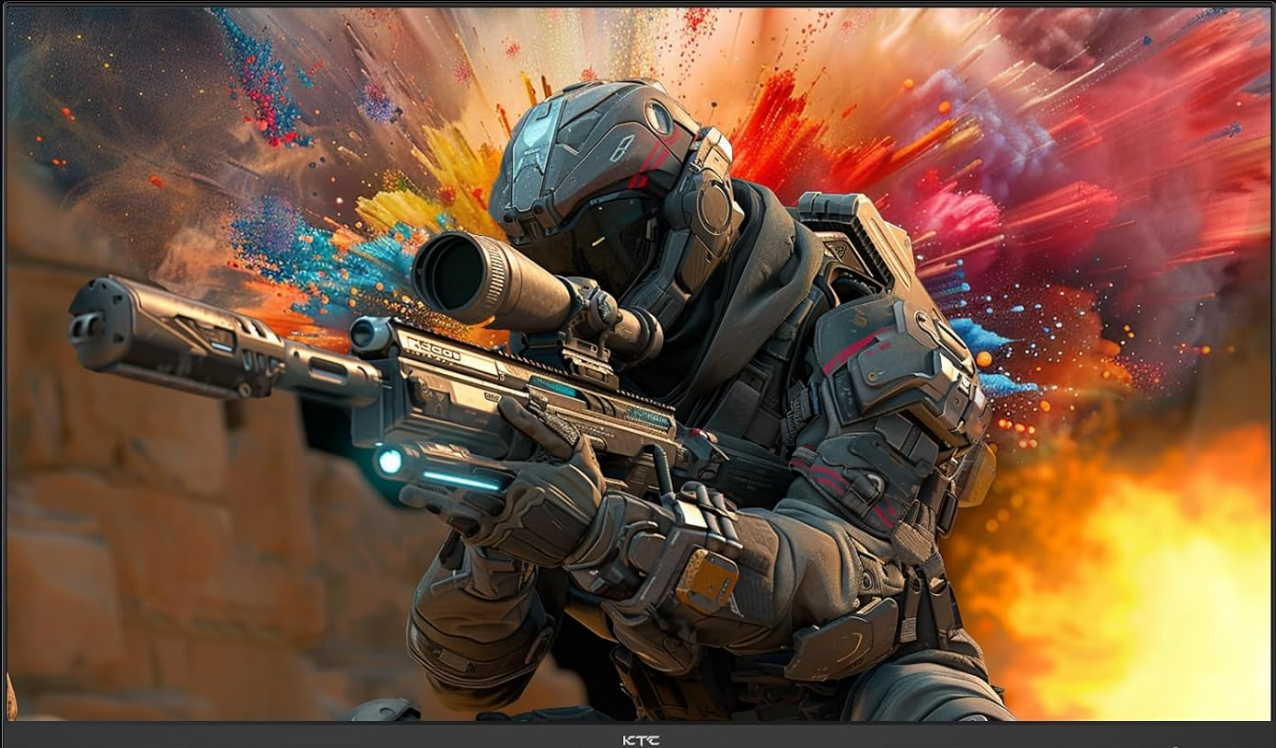


Image: Rear view of the KTC 27 inch gaming monitor, displaying the various input ports for connectivity.

- **DisplayPort (DP):** For high-resolution and high-refresh-rate video input.
- **HDMI Ports (x2):** For video and audio input from various devices.
- **Audio Out:** For connecting external speakers or headphones.
- **Power Input:** For connecting the power adapter.
- **USB 2.0 Port:** For connecting peripherals.
- **Control Joystick:** Located on the rear, typically on the right side, for navigating the On-Screen Display (OSD) menu.

5. SETUP

5.1 Assembling the Stand

Follow these steps to attach the stand to your monitor:

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor's VESA mount area using the provided screws.
3. Attach the stand base to the stand neck, securing it with the thumb screw or other fasteners.
4. Ensure all connections are firm and secure.

Relevant Parameters



Screen Size:	27inch	Contrast:	1000:1
Panel:	FAST IPS	Wall mount size:	100×100mm
Resolution:	2K(2560x1440)	Viewing angle:	178°
Refresh Rate:	180Hz	Warranty:	1-year
Response time:	1ms GTG	Base:	Pentagon base

Image: Illustration of the monitor stand assembly process.

5.2 Connecting to a Device

Connect your monitor to a computer or other video source using the appropriate cable:

- **DisplayPort:** For optimal performance, connect the DisplayPort cable from your computer's graphics card to the monitor's DP input.
- **HDMI:** Connect an HDMI cable from your device to one of the monitor's HDMI inputs.
- **Power:** Connect the power adapter to the monitor's power input, then plug it into a power outlet.

After connecting, power on your computer and 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.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the control joystick (usually located on the back right) to power on or off the monitor.

6.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. To access the OSD menu, press the control joystick. Use the joystick to navigate through the menu options and press it again to confirm selections.

Common OSD settings include:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature.
- **Input Source:** Select between DisplayPort and HDMI inputs.
- **Display Settings:** Aspect Ratio, Overdrive (for response time), FreeSync/G-Sync compatibility.
- **Audio:** Volume control for the audio output.
- **OSD Settings:** Language, OSD Timeout, Transparency.

For optimal gaming performance, ensure that the refresh rate is set to 180Hz and response time overdrive is enabled in your computer's display settings and the monitor's OSD menu.

Just Victory, No Excuse

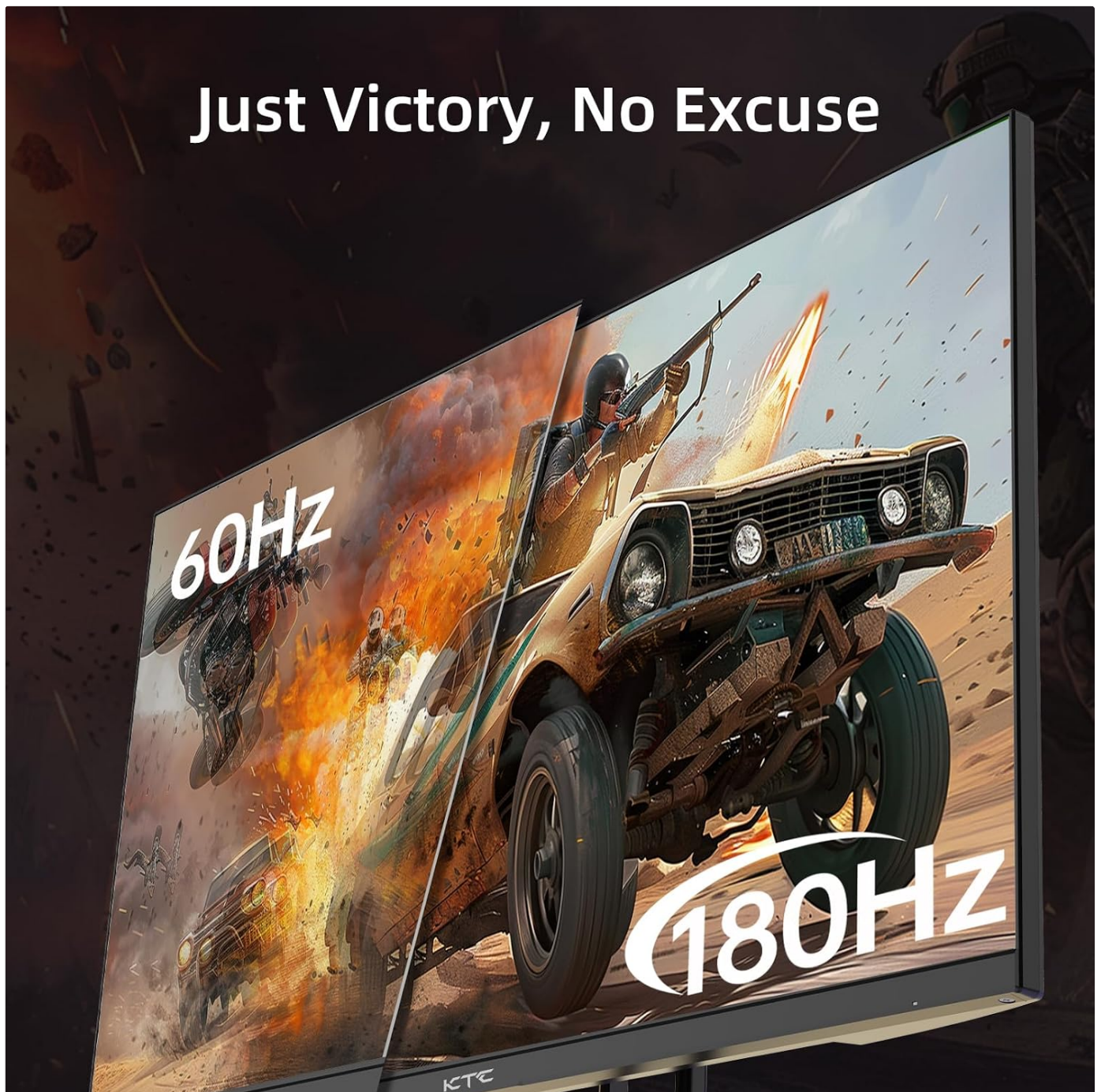


Image: Visual comparison demonstrating the smoothness of 180Hz refresh rate versus 60Hz.

Your View, Your Rules



Image: Details on the monitor's color performance, including sRGB coverage and color quantity.

No More Motion Blur No More Stutter



Image: Demonstration of the monitor's features for reducing motion blur and stutter.

Your Ticket to MVP Glory

 **Fast IPS**

 **2K** 2560×1440



Image: Key features of the monitor: Fast IPS panel and 2K resolution.

Ultra-Slim Bezels Design



Image: The monitor's ultra-slim bezel design, suitable for seamless multi-monitor configurations.

Relevant Parameters



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Image: The monitor's ergonomic tilt adjustment capability.

7. MAINTENANCE

Proper maintenance ensures the longevity of your monitor:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing.
- **Storage:** If storing the monitor for an extended period, disconnect it from power and store it in a cool, dry place, preferably in its original packaging.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	Monitor is off; Incorrect input source; Loose cable connection.	Ensure monitor is powered on. Select correct input source via OSD. Check all cable connections (power, DP/HDMI).
Image is blurry or distorted	Incorrect resolution; Graphics card driver issues.	Set display resolution to 2560x1440. Update graphics card drivers.
Screen flickering	Incorrect refresh rate; Faulty cable; FreeSync/G-Sync compatibility issues.	Set refresh rate to 180Hz. Try a different DP/HDMI cable. Disable/enable FreeSync/G-Sync in OSD and graphics card settings.
No sound from audio output	Volume too low; Incorrect audio output selected on computer.	Increase volume in OSD and computer settings. Ensure correct audio output device is selected on your computer.

If the problem persists after trying these solutions, please contact KTC customer support.

9. SPECIFICATIONS

Detailed technical specifications for the KTC 27" Gaming Monitor (H27T22S-01):

Feature	Specification
Brand	KTC
Model Number	H27T22S-01
Screen Size	27 inches
Panel Type	Fast IPS
Resolution	2560 x 1440 (QHD)
Refresh Rate	180Hz
Response Time	1ms GTG
Aspect Ratio	16:9
Contrast Ratio	1000:1
Viewing Angle	178°
Color Gamut	122% sRGB (Gamut Volume)
Display Color	8-Bit (16.7 Million Colors)
HDR Support	HDR 10
Connectivity	1x DisplayPort, 2x HDMI, 1x USB 2.0, Audio Out
VESA Mount	100x100mm
Power Input	12 Volts (DC)

Feature	Specification
Product Dimensions (W x H x D)	70 x 60 x 30 cm (approximate with stand)
Product Weight	7.17 kg (approximate with stand)

Note: Specifications are subject to change without notice.



Image: Visual representation of the monitor's color performance metrics.

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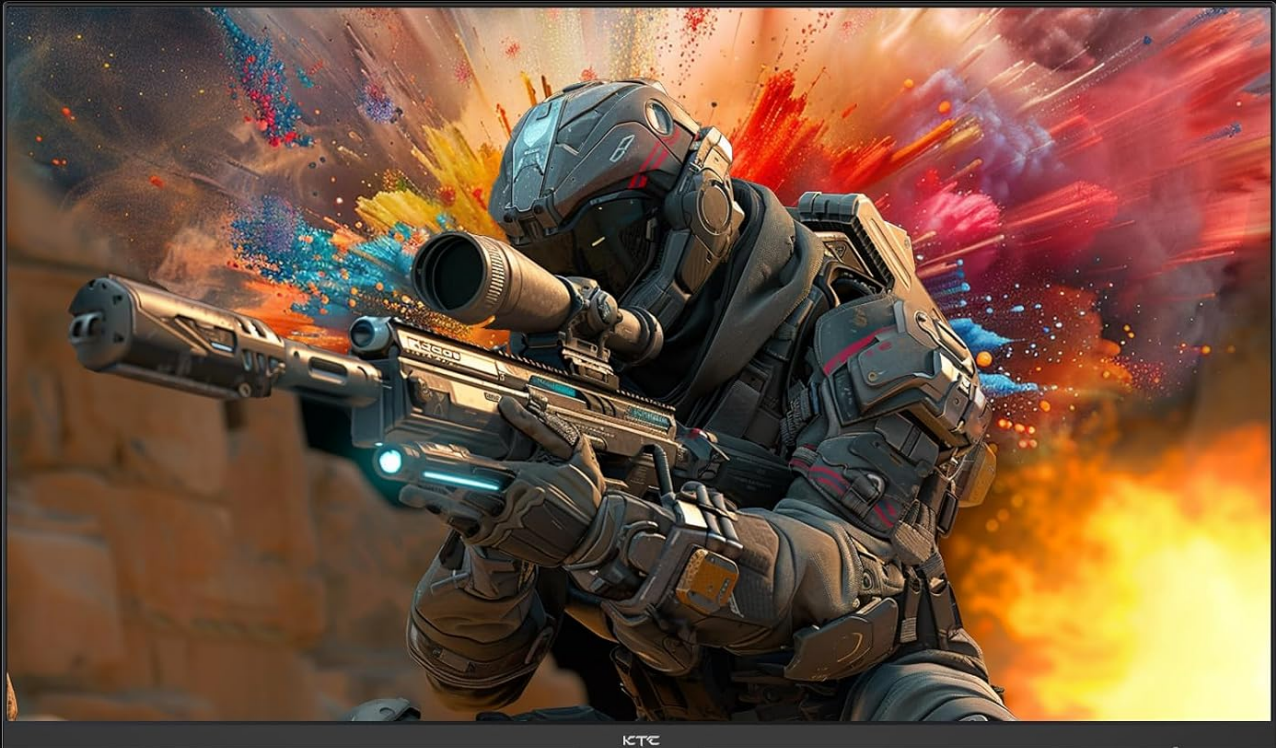


Image: Rear view of the monitor detailing its connectivity options.

10. WARRANTY AND SUPPORT

The KTC 27" Gaming Monitor (H27T22S-01) comes with a **3-Year Zero-Bright-dot Warranty** as stated in the product description. For warranty claims or technical support, please contact KTC customer service through the official KTC store on Amazon or visit the KTC website.

Please retain your proof of purchase for warranty service.

KTC Store on Amazon: [KTC Official Store](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question