KTC H25Y7

KTC H25Y7 24.5 Inch 300Hz FHD Gaming Monitor Instruction Manual

Model: H25Y7 | Brand: KTC

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your KTC H25Y7 24.5-inch 300Hz Full HD Gaming Monitor. Please read this guide thoroughly before using the product to ensure optimal performance and safety.

Image: Front view of the KTC H25Y7 24.5-inch 300Hz FHD Gaming Monitor.

WHAT'S IN THE BOX

Verify that all the following items are included in your package:

- 24.5" FHD 300Hz Monitor (x1)
- Monitor Stand (x1)
- Quick Setup Guide (QSG) (x1)
- DisplayPort (DP) Cable (x1)
- Power Adapter (x1)

SETUP

Monitor Stand Assembly

Follow these steps to assemble the monitor stand and attach it to the display panel:

1. Carefully remove all components from the packaging.

2. Attach the stand base to the stand column using the provided screws. Ensure it is securely fastened.

3. Align the stand's mounting plate with the VESA mounting holes on the back of the monitor panel.

4. Secure the monitor panel to the stand using the appropriate screws.

Image: Rear view of the KTC H25Y7 monitor showing dimensions and stand attachment points.

Connecting to a Device

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

- **DisplayPort (DP):** For 300Hz refresh rate at 1920x1080 resolution, use the included DisplayPort 1.4 cable.
- **HDMI:** For up to 240Hz refresh rate at 1920x1080 resolution, use an HDMI 2.0 cable. Two HDMI 2.0 ports are available.

- **Power:** Connect the power adapter to the monitor's DC input and then to a power outlet.


Image: Close-up of the KTC H25Y7 monitor's rear panel, highlighting the DC power input, two HDMI 2.0 ports, one DisplayPort 1.4, and one USB 2.0 port.

OPERATING INSTRUCTIONS

Power On/Off

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

OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the joystick control located on the back of the monitor to navigate the menu:

- Push the joystick in to select an option.
- Move the joystick up/down/left/right to navigate through menu options and adjust values.

Display Features

- **High Refresh Rate & Fast Response Time:** Experience smooth visuals with a 300Hz refresh rate (via DP 1.4) and 1ms response time, reducing motion blur and ghosting.
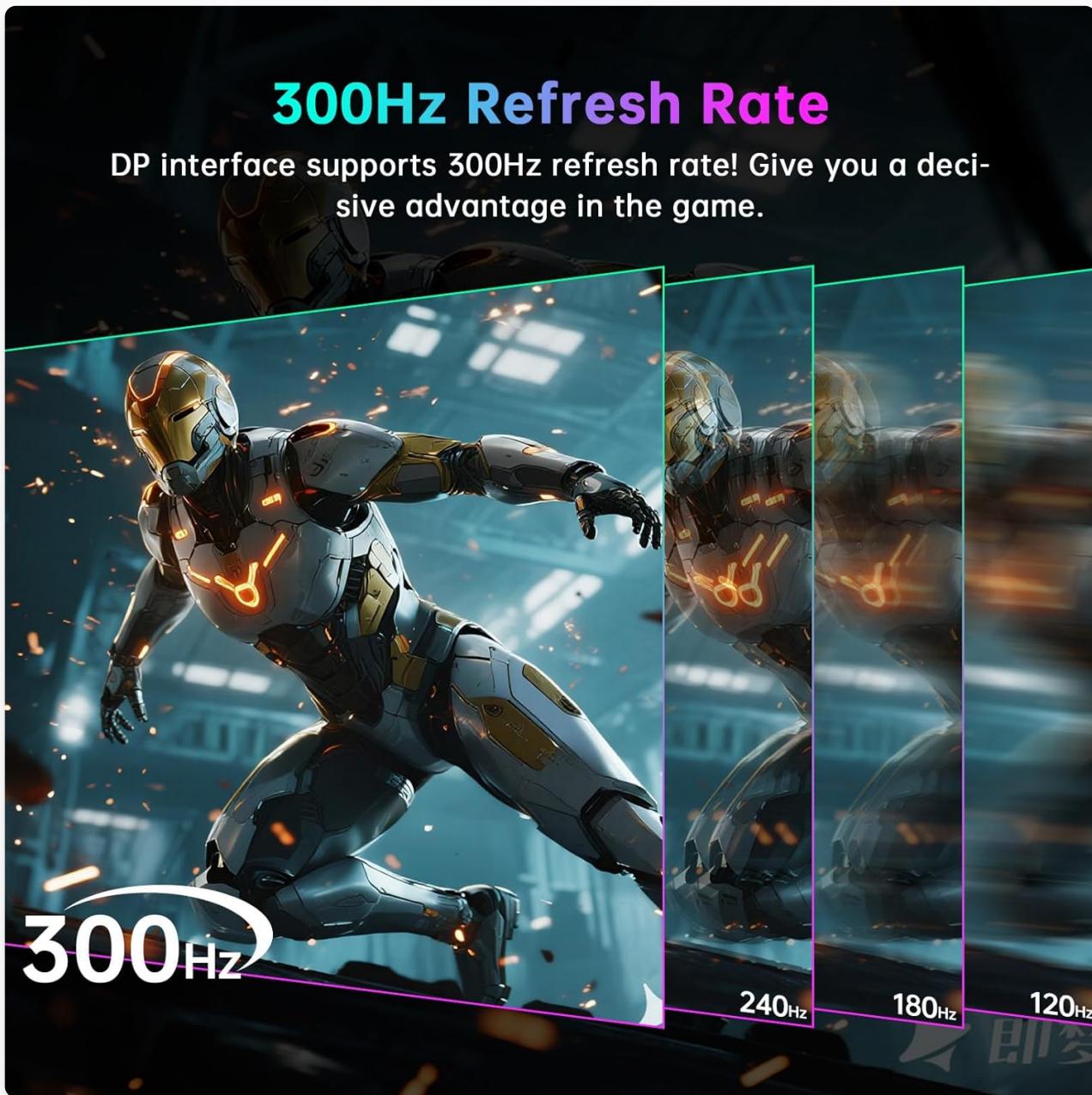

Image: Visual representation of 300Hz refresh rate compared to lower refresh rates, showing reduced motion blur.

- **Adaptive Sync Technology:** This monitor supports Adaptive Sync to eliminate screen tearing and stuttering, providing a fluid gaming experience.
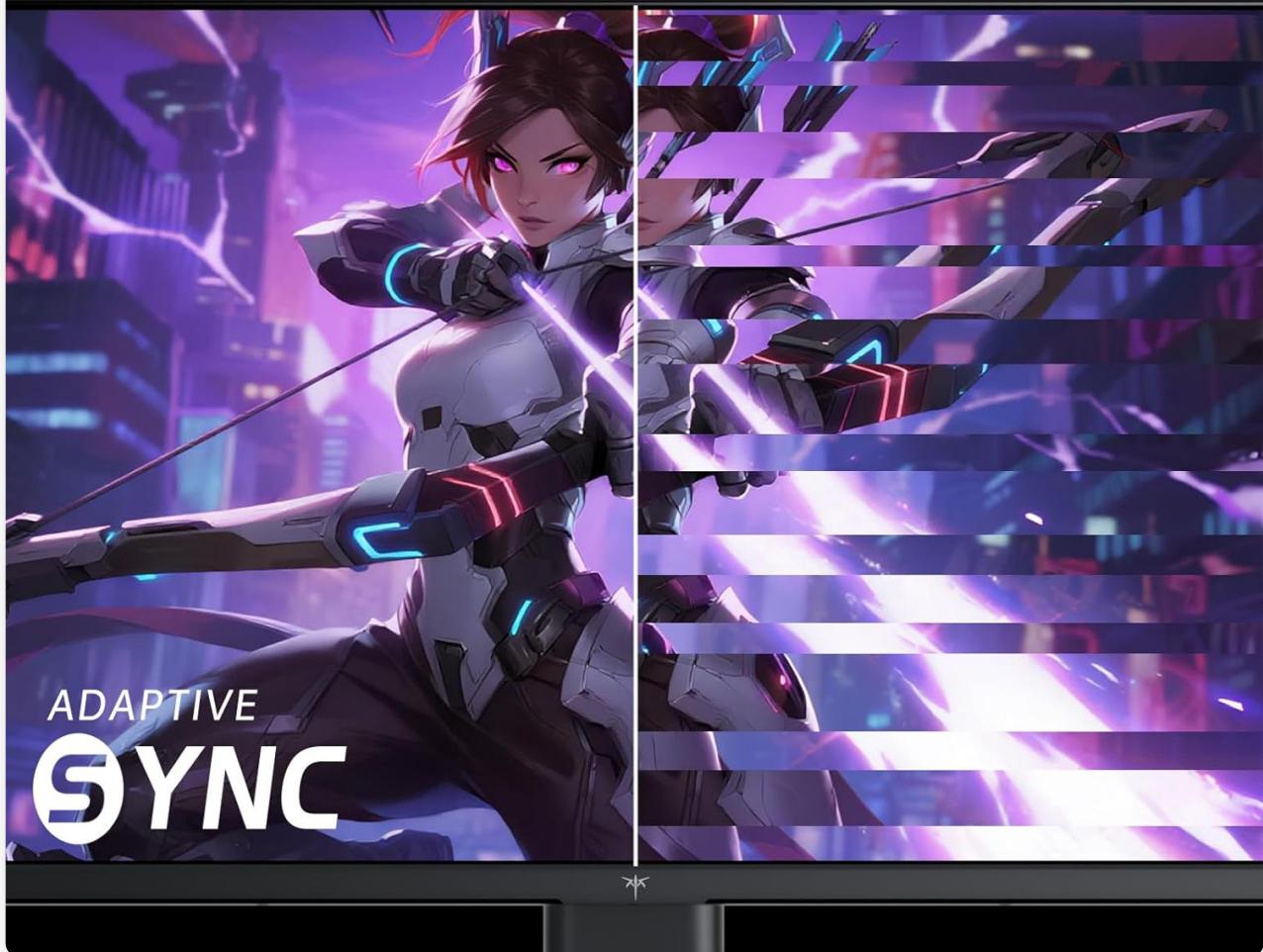
Image: Split screen comparison demonstrating the effect of Adaptive Sync, showing a tear-free image on one side and a torn image on the other.

- **Fast IPS Panel & Wide Color Gamut:** The Fast IPS panel delivers realistic colors and clear details with 119% sRGB color gamut coverage. HDR support enhances immersion with improved contrast and color.

Image: Display showcasing vibrant colors and details, with icons indicating 99% sRGB, 16.7M colors, 350cd/m² brightness, and 1000:1 contrast.

- **Eye Care Features:** The monitor includes Low Blue Light, Flicker-free, and Anti-glare technologies to reduce eye strain during extended use.

Image: Visuals illustrating the benefits of Low Blue Light, Flicker-free, and Anti-glare features for eye comfort during gaming.

Ergonomic Adjustments

The monitor stand offers multiple adjustment options for comfortable viewing:

- **Tilt:** Adjust the screen angle from -5° to 20° (±3°).
- **Pivot:** Rotate the screen ±90° for portrait or landscape orientation.
- **Height:** Adjust the screen height by 110mm (±5mm).
- **VESA Mount:** Supports 100x100mm VESA mounting for wall or arm installation.

Tilt:
-5°-20°(±3°)

Pivot: ±90°+5°

Height: 110+5mm
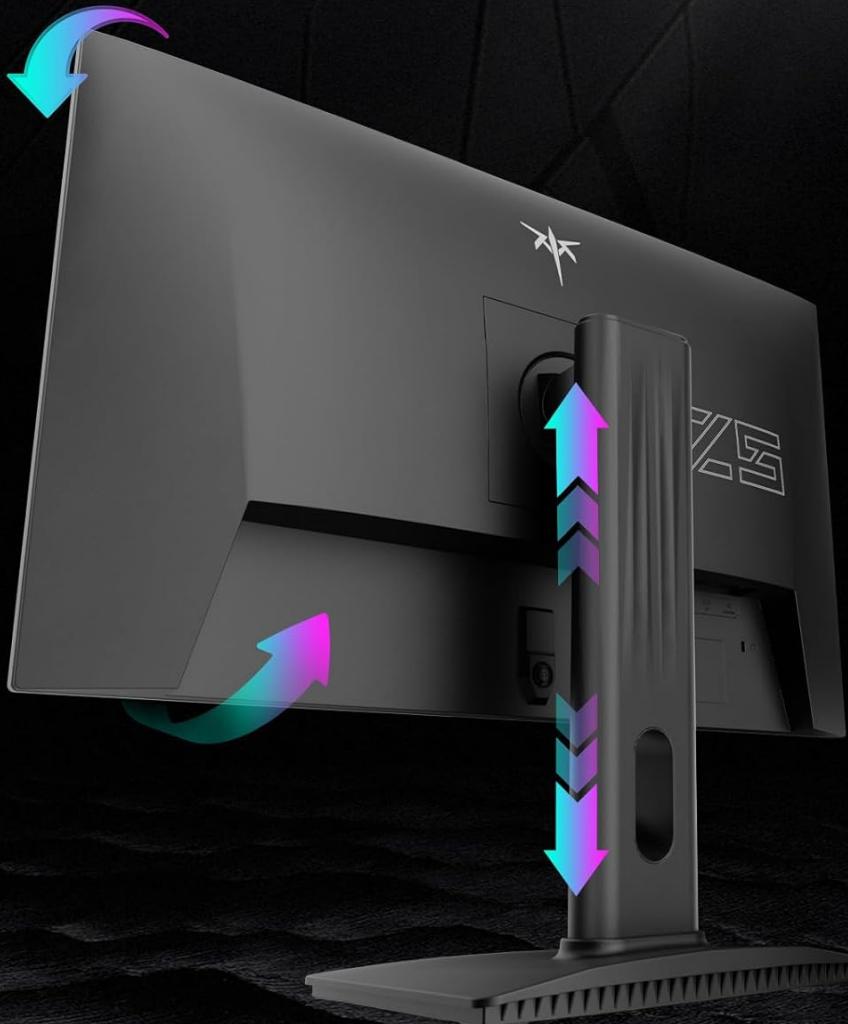
Image: Diagrams illustrating the tilt, pivot, and height adjustment capabilities of the KTC H25Y7 monitor stand.

Image: Monitor mounted on a VESA-compatible arm, demonstrating VESA wall mount compatibility and wide viewing angles.

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 screen-cleaning solution. Avoid harsh chemicals.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Handling:** Avoid pressing directly on the screen or placing heavy objects on the monitor.
- **Ventilation:** Ensure proper ventilation around the monitor to prevent overheating. Do not block the ventilation openings.

TROUBLESHOOTING

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

- **No Power:** Ensure the power adapter is securely connected to both the monitor and a working power outlet. Check if the power indicator light is on.

- **No Signal:** Verify that the video cable (DP or HDMI) is correctly connected to both the monitor and your computer/device. Ensure the correct input source is selected in the OSD menu.

- **Flickering/Stuttering:** Check your graphics card drivers are up to date. Ensure Adaptive Sync is enabled in both the monitor's OSD and your graphics card settings.

- **Image Distortion/Incorrect Colors:** Reset the monitor to factory settings via the OSD menu. Check the video cable for damage.

- **Buttons Not Responding:** Power cycle the monitor. If the issue persists, contact customer support.

SPECIFICATIONS
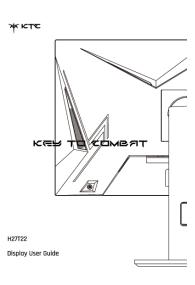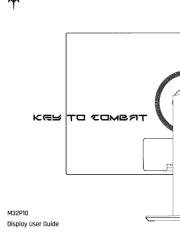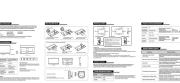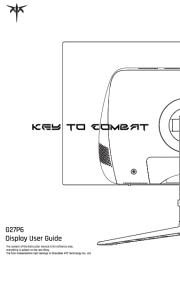
Feature	Specification
Brand	KTC
Model Number	H25Y7
Screen Size	24.5 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Refresh Rate	300Hz (via DisplayPort 1.4), 240Hz (via HDMI 2.0)
Response Time	1ms
Panel Type	Fast IPS
Aspect Ratio	16:9
Color Gamut	119% sRGB
Image Brightness	350 Candela
Connectivity	1x DisplayPort 1.4, 2x HDMI 2.0, 1x USB 2.0
Ergonomics	Tilt (-5° to 20°), Pivot (±90°), Height (110+5mm)
VESA Support	100x100mm
Product Dimensions	7.6 x 21.97 x 18.22 inches
Item Weight	2.2 pounds

Warranty and Support

For warranty information or technical support, please refer to the contact details provided in the Quick Setup Guide included with your monitor or visit the official KTC website. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - H25Y7

	KTC H27T22 Display User Guide User guide for the KTC H27T22 display, covering product introduction, installation, operation, troubleshooting, and technical specifications.
	KTC H27P22S LCD Monitor User Guide User guide for the KTC H27P22S LCD Monitor, detailing installation, features, technical specifications, and troubleshooting.
	KTC M32P10 Display User Guide User guide for the KTC M32P10 display, covering safety precautions, installation, connection, operation, troubleshooting, and technical specifications. This 32-inch 4K UHD MiniLED gaming monitor features 144Hz refresh rate, 1ms response time, HDR1000, and multiple connectivity options including HDMI, DP, USB, and Type-C.
	KTC H32T13 LCD Monitor User Guide User guide for the KTC H32T13 LCD Monitor, detailing product introduction, installation, specifications, and troubleshooting.
	KTC G27P6 OLED Monitor User Guide User guide for the KTC G27P6 OLED Monitor, detailing safety precautions, installation, connection, operation, troubleshooting, and technical specifications.

[KTC M27P20P Firmware Upgrade Tutorial](#)
A step-by-step guide for upgrading the firmware on the KTC M27P20P monitor. Includes instructions on preparing the USB drive, performing the upgrade, and resetting the monitor.