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KTC H27P27

KTC 27 Inch 4K UHD Computer Monitor User Manual

Model: H27P27

Brand: KTC

INTRODUCTION

This user manual provides comprehensive instructions for setting up, operating, and maintaining your KTC 27 Inch 4K UHD Computer Monitor (Model H27P27). Designed for both professional and casual use, this monitor delivers stunning 4K visuals, vibrant colors, and features aimed at enhancing your viewing experience and eye comfort. Please read this manual thoroughly before using the product to ensure proper operation and longevity.



Figure 1: KTC 27 Inch 4K UHD Computer Monitor (Model H27P27)

WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- 27 inch UHD PC Monitor x 1
- Base x 1
- HDMI Cable x 1
- Adaptor x 1
- Screwdriver x 1

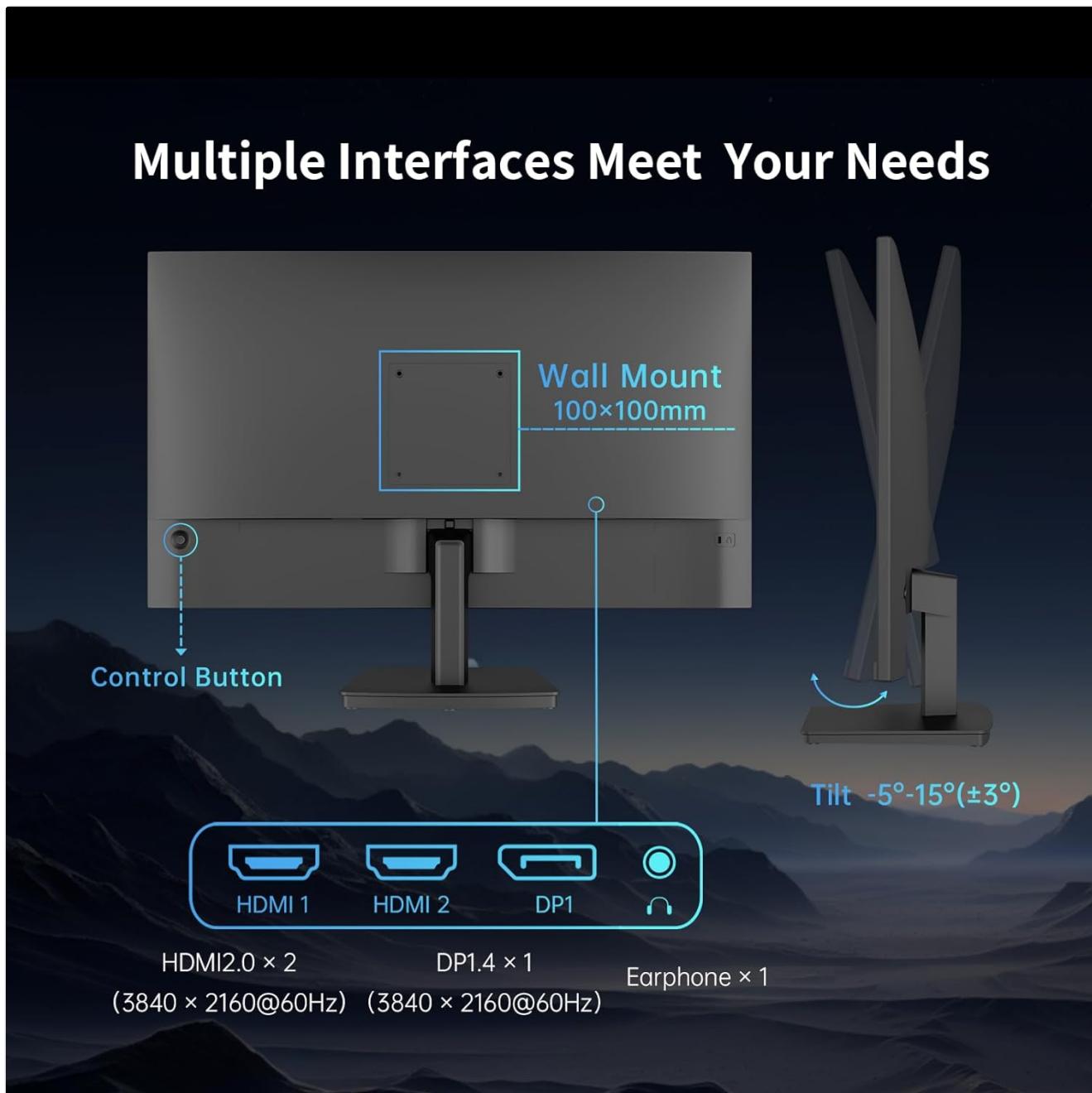


Figure 2: Package Contents and Dimensions

SETUP GUIDE

1. Physical Assembly

Attaching the Base:

1. Carefully remove the monitor from its packaging, placing it face down on a soft, clean surface to prevent scratches.
2. Attach the monitor stand base to the stand neck.
3. Align the stand neck with the mounting slot on the back of the monitor.
4. Secure the stand to the monitor using the provided screws and screwdriver.

Wall Mounting (Optional):

This monitor supports VESA 100x100mm mounting. If you plan to wall mount, ensure you use a compatible VESA mount (not included) and follow the mount's instructions for installation. Remove the stand before attaching the VESA mount.



Figure 3: Rear View with VESA Mount and Ports

2. Connecting to Devices

The monitor offers versatile connectivity options:

- **HDMI:** Connect your PC, gaming console (PS5), or other multimedia devices using the two HDMI 2.0 ports. Supports 3840x2160 resolution at 60Hz.
- **DisplayPort:** Connect your PC using the DisplayPort 1.4 connection for optimal performance. Supports 3840x2160 resolution at 60Hz.
- **Headphone Jack:** Connect external headphones or speakers to the dedicated audio output.

Ensure the power adapter is connected to the monitor's DC input and then to a power outlet.

3. Initial Power On

Press the power button (often a joystick-like control on the back/bottom right) to turn on the monitor. The monitor will automatically detect the active input source. If not, use the OSD (On-Screen Display) menu to manually select the input.

OPERATING INSTRUCTIONS

1. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. The control button, typically located on the back or bottom right of the monitor, functions as a joystick for navigation:

- Press the button to open the OSD menu.
- Move the joystick up/down/left/right to navigate through menu options.
- Press the button again to confirm a selection or enter a sub-menu.
- Move the joystick left to go back to the previous menu or exit the OSD.

2. Display Settings

Adjust these settings for optimal visual experience:

- **Brightness & Contrast:** Fine-tune these to your preference. Adjusting blackness level and sharpness can improve clarity for text and icons.
- **Color Settings:** Adjust color balance, hue, and saturation. The monitor offers DCI-P3 95% and 125% sRGB coverage for accurate color representation.
- **HDR400:** Enable HDR400 for enhanced contrast and deeper blacks, providing a more immersive viewing experience.
- **Aspect Ratio:** Select between 16:9 (widescreen) or 4:3 depending on your content.
- **Preset Modes:** Utilize pre-configured display modes (e.g., Standard, User, Movie, Photo, RTS, FPS1, FPS2) for quick optimization based on content.

3. Refresh Rate and Adaptive Sync

The monitor operates at a 60Hz refresh rate, suitable for efficient office work and casual gaming. It supports FreeSync and G-Sync technologies to eliminate screen tearing and stuttering, providing a smoother visual experience during dynamic content.

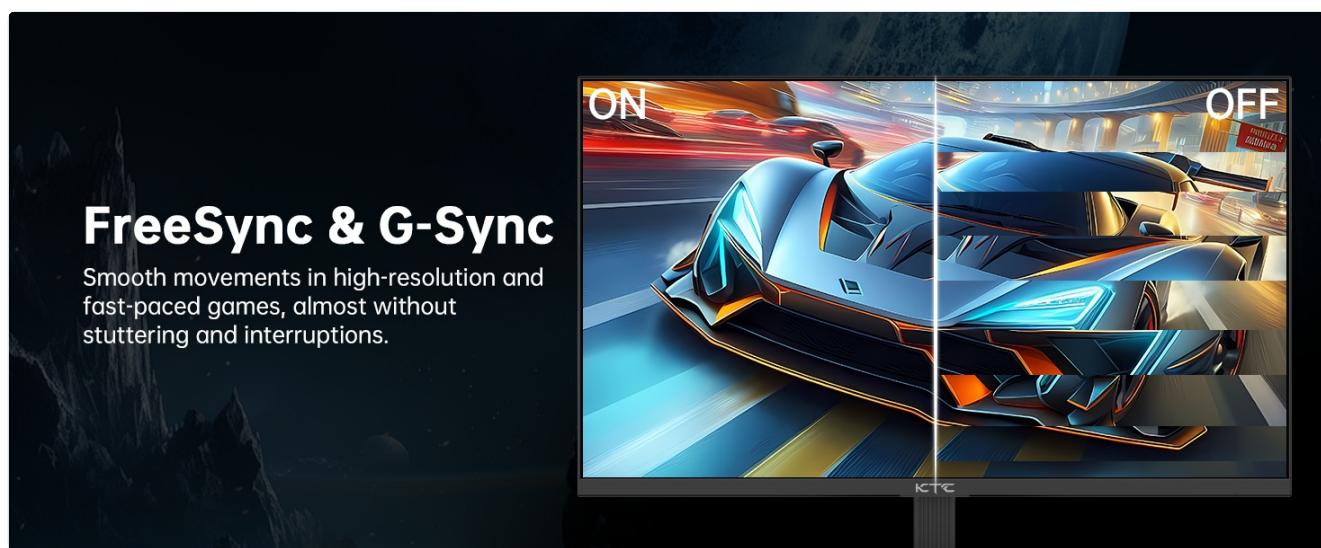


Figure 4: FreeSync & G-Sync for Smooth Visuals

4. Eye Safety Features

The KTC monitor incorporates an Anti-Blue Light Screen feature to reduce eye strain during prolonged use. This technology, along with flicker-free operation, contributes to a more comfortable viewing experience.

Low Blue Light Technology

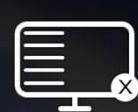
Eye Comfort, Anytime: Experience Superior Display Technology!



Eye Care



Low Blue Light



Flicker-Free



Figure 5: Low Blue Light Technology for Eye Comfort

FEATURES OVERVIEW

The KTC 27 Inch 4K UHD Monitor is equipped with several advanced features:

- Stunning 4K Visuals:** Experience an Ultra HD resolution of 3840x2160 pixels, providing exceptional clarity and detail for design, work, and casual gaming.
- Vibrant Colors & Accuracy:** The IPS Panel offers a wide 178° viewing angle and DCI-P3 95% 125% sRGB coverage, ensuring precise and true-to-life color representation. HDR400 further enhances contrast and detail in dark scenes.
- Versatile Connectivity:** Equipped with two HDMI 2.0 ports and one DisplayPort 1.4 connection, along with a headphone jack, allowing seamless switching between various devices.
- Edge-to-Edge Frameless Bezel Display:** The thin bezel design minimizes visual distractions, offering a wider view and facilitating seamless multi-monitor setups for increased productivity.



Figure 6: Monitor Versatility Across Applications

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. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked. Proper airflow prevents overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.

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 power cable is securely connected.</p> <p>Verify video cable (HDMI/DisplayPort) is connected to both monitor and source device.</p> <p>Check if the monitor is powered on (power indicator light).</p> <p>Select the correct input source via the OSD menu.</p>
Image is blurry or distorted	<p>Adjust brightness, contrast, and sharpness settings in the OSD menu.</p> <p>Ensure the display resolution on your computer matches the monitor's native resolution (3840x2160).</p> <p>Check the video cable for damage or loose connections.</p>
Screen tearing or stuttering (during gaming)	<p>Ensure FreeSync/G-Sync is enabled on both the monitor (via OSD) and your graphics card settings.</p> <p>Verify your graphics card drivers are up to date.</p>
OSD menu difficult to navigate	Familiarize yourself with the joystick control for menu navigation (press to select, move to navigate).

SPECIFICATIONS

Feature	Specification
Product Dimensions	7.52 x 24.25 x 17.73 inches
Item Weight	12.97 pounds
Manufacturer	KTC
Item Model Number	H27P27
Standing Screen Display Size	27 Inches
Aspect Ratio	16:9
Voltage	240 Volts
Resolution	3840 x 2160 Pixels (4K UHD 2160p)
Image Brightness	400 Candela (HDR400)
Screen Surface Description	Matte
Refresh Rate	60Hz
Panel Type	IPS
Color Gamut	DCI-P3 95%, 125% sRGB
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.4, 1x Headphone Jack

OFFICIAL PRODUCT VIDEOS

Watch the official product video for more insights:

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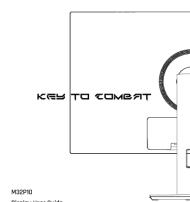
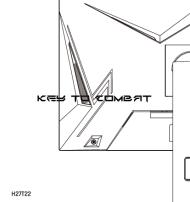
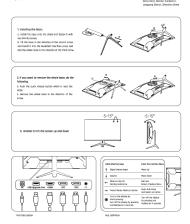
Video 1: KTC 27 inch 4K Monitor with IPS Panel for Designers. This video highlights the monitor's design and suitability for creative professionals.

WARRANTY AND SUPPORT

KTC offers a **3-Year Warranty** on this monitor, excluding MegPad's 1-Year warranty. For technical assistance, troubleshooting, or warranty claims, please contact KTC customer support. Details can typically be found on the official KTC website or through your purchase platform.

- **Quality Guarantee**
- **24/7 Fast Support**
- **Technical Support**

Related Documents - H27P27

	<p>KTC H27P22S LCD Monitor User Guide</p> <p>User guide for the KTC H27P22S LCD Monitor, detailing installation, features, technical specifications, and troubleshooting.</p>
 M32P10 Display User Guide	<p>KTC M32P10 Display User Guide</p> <p>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.</p>
 H27T22 Display User Guide	<p>KTC H27T22 Display User Guide</p> <p>User guide for the KTC H27T22 display, covering product introduction, installation, operation, troubleshooting, and technical specifications.</p>
	<p>KTC H32T13 LCD Monitor User Guide</p> <p>User guide for the KTC H32T13 LCD Monitor, detailing product introduction, installation, specifications, and troubleshooting.</p>
	<p>KTC G27P6 LG OLED Gaming Monitor Specifications</p> <p>Detailed specifications for the KTC G27P6 LG OLED Gaming Monitor, including display features, connectivity, mechanical adjustments, power consumption, and package contents.</p>
	<p>KTC H32S17 Quick Start Guide</p> <p>This guide provides instructions for setting up and using the KTC H32S17 monitor, including base installation, screen tilting, and port descriptions.</p>