KTC H27T27

KTC H27T27 27-inch 100Hz WQHD IPS Flat Monitor User Manual

Model: H27T27 | Brand: KTC

INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your KTC H27T27 27-inch WQHD IPS Flat Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

The KTC H27T27 monitor features a 27-inch WQHD (2560x1440) IPS panel with a 100Hz refresh rate, designed to deliver clear and detailed images with smooth motion. It includes FreeSync technology for enhanced visual fluidity during dynamic content. The IPS panel ensures vivid colors and wide viewing angles.

SETUP

1. Unpacking

Carefully remove all components from the packaging. Ensure all items listed in the packing list are present and undamaged. Retain the original packaging for future transport or service needs.

2. Stand Assembly

1. Place the monitor face down on a soft, clean surface to prevent scratches.

2. Attach the stand base to the stand neck using the provided screws.

3. Align the assembled stand with the mounting slot on the back of the monitor and secure it firmly.

3. VESA Mounting (Optional)

The monitor supports VESA 100x100mm mounting. If using a VESA mount, remove the stand and attach the VESA compatible bracket to the monitor's rear panel using appropriate screws.

4. Connecting Cables

Connect the necessary cables to the monitor and your computer or other devices. Ensure all connections are secure.

- **Power Cable:** Connect the power adapter to the monitor's DC input port, then plug the power cable into a power outlet.
- **Video Cable:** Connect either an HDMI cable (HDMI 2.0) or a DisplayPort cable (DP 1.4) from your computer's graphics card to the corresponding input port on the monitor.
- **Audio Output:** If desired, connect headphones or external speakers to the 3.5mm audio output jack.

Figure 3: Monitor Input Ports

5. Initial Power-On

Press the power button on the monitor. The power indicator light will illuminate. If no image appears, ensure your computer is powered on and the correct input source is selected on the monitor.

OPERATING

1. Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator will show the monitor's status.

2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (usually located on the back or bottom of the monitor) to navigate the menu.

- Press a button to activate the OSD menu.
- Use the navigation buttons to move through menu options.
- Press a selection button to enter a sub-menu or confirm a setting.
- Press an exit button to close the OSD menu.

3. Adjusting Settings

Common adjustable settings include:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Modify color temperature, gamma, and individual RGB values.
- **Input Source:** Manually select between HDMI 1, HDMI 2, or DisplayPort inputs.
- **Picture Mode:** Select predefined display modes (e.g., Standard, Game, Movie).

4. Refresh Rate

The KTC H27T27 supports a 100Hz refresh rate, providing smoother motion compared to standard 60Hz displays. Ensure your graphics card and operating system are configured to output at 100Hz for the best experience.

Figure 4: 100Hz Refresh Rate Benefit

5. FreeSync Technology

This monitor is compatible with AMD FreeSync technology, which synchronizes the monitor's refresh rate with your graphics card's frame rate. This helps eliminate screen tearing and stuttering for a smoother gaming and video experience. Ensure FreeSync is enabled in both the monitor's OSD menu and your graphics card's control panel.

Figure 5: FreeSync Technology in Action

MAINTENANCE

1. Cleaning the Screen

- Turn off the monitor and unplug the power cord.
- Gently wipe the screen with a soft, lint-free cloth.
- For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner (do not spray directly onto the screen).
- Avoid using abrasive cleaners, alcohol, or ammonia-based solutions, as these can damage the screen surface.

2. General Care

- Keep the monitor away from direct sunlight, excessive heat, and humidity.
- Ensure adequate ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

TROUBLESHOOTING

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

- **No Power:**
  - Ensure the power cable is securely connected to both the monitor and the power outlet.
  - Verify the power outlet is functional.

- **No Signal:**
  - Check that the video cable (HDMI or DisplayPort) is securely connected to both the monitor and your computer.
  - Ensure your computer is powered on and not in sleep mode.
  - Select the correct input source via the monitor's OSD menu.

- **Flickering or Distorted Image:**
  - Check the video cable for damage or loose connections.
  - Adjust the refresh rate settings on your computer.
  - Disable or enable FreeSync in the OSD menu and graphics card settings to test.

- **Incorrect Colors:**
  - Reset color settings to factory defaults in the OSD menu.
  - Adjust color temperature or individual RGB values.

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

SPECIFICATIONS

Feature	Specification
Brand	KTC
Model Number	H27T27
Screen Size	27 inches
Resolution	2560 x 1440 (WQHD)
Refresh Rate	100 Hz
Display Type	IPS
Response Time	7 Milliseconds
Adaptive Sync	FreeSync
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.4, 1x 3.5mm Audio Out
Aspect Ratio	1.78:1
Screen Surface	Matte
Item Dimensions (D x W x H)	1.85"D x 24.25"W x 14.33"H
Item Weight	4 Kilograms

WARRANTY AND SUPPORT

Warranty Information

This KTC monitor is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration of coverage. Keep your purchase receipt as proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty service, or any product-related inquiries, please contact KTC customer support. Contact details can typically be found on the official KTC website or on the warranty card.
When contacting support, please have your monitor's model number (H27T27) and serial number ready.