KTC H32T13

KTC H32T13 32-inch QHD 100Hz IPS Monitor User Manual

Model: H32T13

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your KTC H32T13 32-inch QHD 100Hz IPS Monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

The KTC H32T13 monitor featuring a 32-inch IPS panel with WQHD (2560x1440) resolution, 100Hz refresh rate (overclockable to 120Hz), Flicker-free technology, and HDR10 support.

2. PRODUCT FEATURES

2.1. Superior Display Quality

- **WQHD (2560x1440) IPS Panel:** Experience a wide field of view and rich immersion. The monitor displays sharper images with approximately 1.7 times the pixels of Full HD. The IPS panel ensures minimal color shift from wide viewing angles, providing beautiful image quality.

- **Rich and Accurate Color Reproduction:** Boasts 109% sRGB / DCI-P3 87% color gamut volume, suitable for creative work requiring precise colors like photo editing and graphic design. It expresses natural and vivid colors.

- **HDR10 Support:** Supports a wide dynamic range for HDR content, allowing you to enjoy detailed images with clear distinctions between light and dark areas.

IPSパネルで広がる
視野と色彩の世界

IPS パネルを採用しており、これにより
広視野角と正確な色再現を実現してい
ます。
他のパネル技術に比べて、IPS パネルは
どの角度から見ても色の変化が少な
く、鮮明な映像を楽しむことができま
す。

TN パネル   VA パネル   IPS パネル

This visual comparison illustrates the advantages of an IPS panel over TN and VA panels, particularly in terms of color accuracy and consistency when viewed from different angles, using a colorful fish as an example.
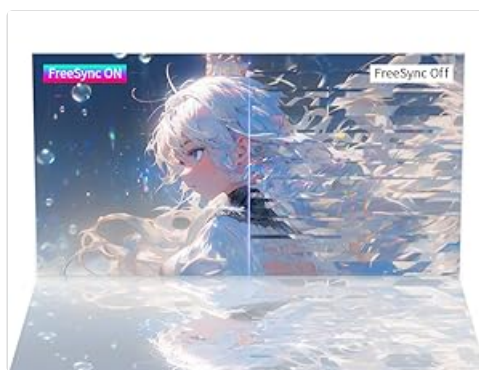
2.2. Smooth Visual Performance

- **100Hz High Refresh Rate:** Offers significantly smoother screen transitions than standard 60Hz monitors. The smooth screen movement enhances comfort for tasks like scrolling business documents and web browsing. The monitor is overclockable to 120Hz for even greater fluidity.

- **Adaptive Sync Support:** Synchronizes the graphics card output and monitor display timing to reduce screen tearing and stuttering during games and video playback, achieving a smoother display.

120Hzリフレッシュ ュレートで滑らかな映像

100Hzのリフレッシュレートで、動きの激しいシーンもスムーズに表示。オフィス作業だけでなく、ゲームや動画視聴にも最適です

This image compares the visual fluidity between a 120Hz and a 60Hz refresh rate display, using a fast-moving jet as an example. The 120Hz side appears significantly smoother, reducing motion blur.

This image demonstrates the effect of FreeSync technology, showing a smooth image when FreeSync is ON and noticeable screen tearing when it is OFF.

2.3. Connectivity and Ergonomics

- **Versatile Connectivity:** Features two HDMI 2.0 ports and one DisplayPort 1.4, allowing simultaneous

connection of multiple devices such as PCs, game consoles, and Blu-ray players. Input switching is simple.

- **VESA Mount Compatible:** Supports 100x100mm VESA mounting, enabling efficient utilization of desk space by attaching the monitor to a monitor arm or wall mount.

- **Ergonomic Design:** Includes a height-adjustable stand and tilt adjustment (-5° to 15°), reducing fatigue during long hours of use and allowing comfortable work at the optimal viewing angle.

- **Energy-Saving Design:** Designed for excellent energy efficiency, benefiting both the environment and household electricity costs.

豊かな接続端子

HDMI2.0*2　(2560×1440@120Hz)
DP1.4*1（2560×1440@120Hz）
VESA(100*100mm)
イヤホン*1
*スピーカー対応なし

This image displays the rear panel of the monitor, highlighting its various connectivity options: two HDMI 2.0 ports, one DisplayPort 1.4, and a headphone jack. All video inputs support 2560x1440 resolution at 120Hz. It also shows the 100x100mm VESA mounting pattern. Note that this model does not include built-in speakers.

2.4. Eye Care Features

- **Blue Light Reduction:** Equipped with a blue light reduction function to minimize harmful blue light

emissions, making the display gentler on your eyes.

- **Flicker-Free Technology:** Eliminates screen flickering, which can cause eye strain and fatigue, providing a more comfortable viewing experience during extended use.

This image highlights the monitor's eye-friendly features, including Low Blue Light and Flicker-Free technology, designed to provide a comfortable viewing experience and reduce eye strain during daily work and entertainment.

3. SETUP GUIDE

3.1. Package Contents

Before beginning assembly, please verify that all items are present in your package:

- KTC H32T13 Monitor
- Stand Base
- Stand Neck
- Power Cable
- Power Adapter
- HDMI Cable
- Screwdriver
- Mounting Screws
- Instruction Manual (Japanese version)
- Quick Start Guide
- Warranty Card

3.2. Stand Assembly

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

3.3. VESA Mounting (Optional)

The KTC H32T13 monitor supports VESA 100x100mm mounting. If you wish to use a monitor arm or wall mount:

1. Remove the stand if it is already attached.
2. Attach your VESA-compatible mount to the four screw holes on the back of the monitor. Ensure the screws are tightened securely.

This diagram illustrates the monitor's VESA 100x100mm mounting compatibility for alternative mounting solutions and its tilt adjustment feature, allowing the screen to be angled from -5° to 15° for optimal viewing comfort.

3.4. Connecting Cables

1. Connect the power adapter to the monitor's DC input port, then plug the power cable into a power outlet.
2. Connect your PC or other video source (e.g., game console, Blu-ray player) to one of the HDMI 2.0 ports or the DisplayPort 1.4 using the appropriate cable.
3. If desired, connect headphones to the 3.5mm audio jack.

This image highlights the monitor's versatile connectivity, showing it connected to a range of devices including laptops, TV boxes, PlayStation consoles, tablets, Nintendo Switch, and desktop PCs, enabled by its HDMI and DisplayPort inputs.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Press the power button (usually located on the bottom right or rear of the monitor) to turn the monitor on or off.

4.2. OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the joystick or buttons (refer to your Quick Start Guide for exact location) to navigate the menu:

- Press the joystick/button to open the OSD menu.
- Move the joystick/buttons up/down/left/right to select options and adjust values.
- Press the joystick/button again to confirm a selection or exit a submenu.

4.3. Input Selection

To switch between connected devices:

1. Open the OSD menu.
2. Navigate to the 'Input' or 'Source' section.
3. Select the desired input (HDMI 1, HDMI 2, or DisplayPort).

4.4. Picture Settings

Adjust the display to your preference:

- **Brightness/Contrast:** Adjust these to control the overall luminance and the difference between light and dark areas.
- **Color Settings:** Fine-tune color temperature, hue, and saturation.
- **HDR:** Enable or disable HDR10 support for compatible content.
- **Adaptive Sync:** Ensure this setting is enabled in the OSD menu and in your graphics card control panel for tear-free gaming.
- **Refresh Rate:** The monitor operates at 100Hz. You may be able to enable 120Hz through your graphics card settings if overclocking is supported.

4.5. Eye Care Settings

To reduce eye strain:

- **Blue Light Reduction:** Activate this feature in the OSD menu to reduce blue light emissions.
- **Flicker-Free:** This feature is always active to prevent screen flickering.

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5. MAINTENANCE

5.1. Cleaning the Monitor

To maintain optimal display quality and extend the life of your monitor:

- Always turn off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner.
- Gently wipe the screen and exterior surfaces. Avoid applying excessive pressure.
- Do not use abrasive cleaners, alcohol, ammonia, or benzene, as these can damage the screen surface.

5.2. Storage

When storing the monitor for an extended period:

- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- If possible, use the original packaging for protection.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	No power; Incorrect input selected; Loose video cable	Check power connection; Select correct input source; Ensure video cable is securely connected to both monitor and source.
Image is blurry or distorted	Incorrect resolution; Graphics card driver issue	Set display resolution to 2560x1440; Update graphics card drivers.
Screen flickering	Faulty cable; Graphics card issue	Replace video cable; Update graphics card drivers.
No sound from headphones	Volume too low; Incorrect audio output selected on PC	Adjust volume on monitor and PC; Ensure monitor is selected as audio output device on PC.
Screen tearing during games	Adaptive Sync not enabled	Enable Adaptive Sync in monitor OSD and graphics card settings.

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

7. SPECIFICATIONS

Feature	Specification
Brand	KTC
Model Series	H32T13
Screen Size	32 Inches
Panel Type	IPS
Resolution	2560 x 1440 Pixels (QHD Wide 1440p)
Refresh Rate	100Hz (120Hz OC possible)
Aspect Ratio	16:9
Brightness	350 cd/m²
Contrast Ratio	1000:1

Feature	Specification
Color Gamut	109% sRGB / 87% DCI-P3
HDR Support	HDR10
Adaptive Sync	Yes (FreeSync/G-Sync compatible)
Video Inputs	2 x HDMI 2.0, 1 x DisplayPort 1.4
Audio Output	1 x 3.5mm Headphone Jack
Built-in Speakers	No
VESA Mount	100 x 100mm
Tilt Adjustment	-5° to 15°
Product Dimensions (W x H x D)	71.7 x 50 x 18 cm (with stand)
Weight	5.3 kg
Color	Black
Screen Surface	Non-glare

8. WARRANTY AND SUPPORT

8.1. Warranty Information

KTC offers a **3-year warranty** for this monitor. In the event of a product defect, a free replacement will be provided. Please note that the warranty does not cover loss or damage caused by customer negligence.

3 年間無償交換保証! 平日 Web＆電話サポート!

KTC モニターをご購入いただき、誠にありがとうございます。当社の製品は 3 年間の保証がついており、万が一、製品に不具合が生じた場合、無料で新品と交換いたします。ただし、紛失やお客様の過失による故障は保証対象外となりますので、予めご了承ください。

まるっと
3年保証

また、何かご不満な点やご質問がございましたら、いつでもお気軽にお問い合わせください。お客様にご満足いただけるよう、全力でサポートさせていただきます。

This image details the KTC monitor's 3-year warranty and available customer support channels, including web and phone support, ensuring peace of mind for users.
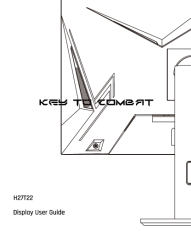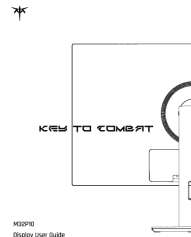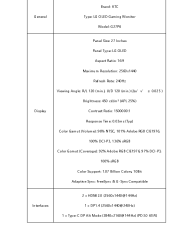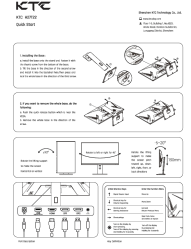
8.2. Customer Support

For any questions or issues regarding your KTC monitor, please contact our customer support team. We are

committed to providing prompt assistance and ensuring your satisfaction.

Phone: 050-3606-8990

Email: support@ktcplay.com

Related Documents - H32T13

	[KTC H32T13 LCD Monitor User Guide](#) User guide for the KTC H32T13 LCD Monitor, detailing product introduction, installation, specifications, and troubleshooting.
	[KTC H27P22S LCD Monitor User Guide](#) User guide for the KTC H27P22S LCD Monitor, detailing installation, features, technical specifications, and troubleshooting.
	[KTC H27T22 Display User Guide](#) User guide for the KTC H27T22 display, covering product introduction, installation, operation, troubleshooting, and technical specifications.
	[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 G27P6 LG OLED Gaming Monitor Specifications](#) Detailed specifications for the KTC G27P6 LG OLED Gaming Monitor, including display features, connectivity, mechanical adjustments, power consumption, and package contents.
	[KTC H27T22 Monitor Quick Start Guide: Installation and Features](#) Concise guide to installing and using the KTC H27T22 monitor, covering base installation, screen adjustments, port descriptions, and shortcut keys.