KTC Q24T09

KTC Q24T09 24-inch Gaming Monitor User Manual

Model: Q24T09 | Brand: KTC

1. PRODUCT OVERVIEW & FEATURES

The KTC Q24T09 is a 24-inch QHD (2560x1440) Fast IPS gaming monitor designed for an immersive and responsive gaming experience. It features a high refresh rate and advanced display technologies to enhance visual clarity and fluidity.

- **Excellent Image Quality:** 24-inch QHD 2560x1440 resolution with Fast IPS panel for rich, detailed visuals.
- **180Hz Refresh Rate:** Enjoy an impressive 180Hz refresh rate for smooth, tear-free gaming.
- **G-Sync and FreeSync Compatibility:** Enhanced with FreeSync technology to eliminate latency and input lag, providing a smooth gaming experience.
- **Vivid Colors:** 126% sRGB wide color gamut, 8-bit color depth (1.07 billion colors), and 1000:1 contrast ratio for dynamic and vivid HDR-supported visuals.
- **Adjustable Tilt:** The monitor can be tilted 15° backward and 5° forward for optimal viewing angles.
- **Eye Protection:** Features Low Blue Light and Flicker-Free modes to protect your eyes during extended use.

Figure 1.1: KTC Q24T09 24-inch Gaming Monitor.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 23.8 inch QHD 180Hz Monitor (1 pc)
- Tilt Adjustable Stand (1 pc)
- Warranty Card (1 pc)
- Quick Start Guide (QSG) (1 pc)
- DisplayPort (DP) Cable (1 pc)
- Power Adapter (1 pc)
- Screwdriver (1 pc)

3. SETUP & INSTALLATION

3.1 Physical Setup

The KTC Q24T09 monitor supports VESA 100x100mm mounting for wall mounts or monitor arms. The included stand allows for tilt adjustment.

- **Stand Installation:** Attach the tilt-adjustable stand to the monitor using the provided screws and screwdriver. Ensure it is securely fastened.
- **VESA Mounting:** If using a VESA mount, remove the stand and attach the monitor to your VESA-compatible mount (100x100mm).
- **Tilt Adjustment:** Adjust the monitor's tilt from -5° to 15° to find your preferred viewing angle.

Figure 3.1: Rear view showing VESA mount compatibility and tilt adjustment range.

3.2 Connecting to Devices

The monitor offers versatile connectivity options for various devices:

- **DisplayPort (DP):** Two DisplayPort 1.4 inputs support up to 2560x1440 resolution at 180Hz. Use the included DP cable for optimal performance.
- **HDMI:** Two HDMI 2.0 inputs support up to 2560x1440 resolution at 144Hz.
- **Earphone Jack:** Connect external headphones or speakers to the 3.5mm earphone jack for audio output.

Figure 3.2: Available input ports on the KTC Q24T09 monitor.

4. OPERATING INSTRUCTIONS

4.1 On-Screen Display (OSD) Navigation

The monitor features a single joystick button located on the rear for OSD navigation and power control. This intuitive control allows for easy adjustment of settings.

- **Power On/Off:** Press and hold the joystick button for 3 seconds to power the monitor on or off.
- **Access OSD:** Press the joystick button once to open the OSD menu.
- **Navigate:** Move the joystick up, down, left, or right to navigate through menu options.
- **Select/Confirm:** Press the joystick button to select an option or confirm a setting.

4.2 Display Settings

Within the OSD, you can adjust various display parameters:

- **Brightness:** Adjust the overall luminance of the screen (default: 100).

- **Contrast:** Modify the difference between light and dark areas (default: 50).
- **Black Equalize:** Adjust the visibility in dark areas (default: 60).
- **Preset:** Select from various display modes (e.g., User, Standard, Game).
- **Aspect Ratio:** Choose between Full or other aspect ratio options.
- **Sharpness:** Adjust the clarity of image edges (default: 60).
- **Professional Modes:** Select Native or other professional display modes.

4.3 Gaming Setup

Optimize your gaming experience with these settings:

- **FreeSync/G-Sync:** Enable or disable adaptive sync technology for tear-free gaming.
- **Overdrive:** Adjust response time for reduced motion blur.
- **Game Assist:** Access features like crosshairs or timers for gaming.

4.4 Input Selection

Manually select your input source:

- **Auto:** Automatically detects the active input.
- **DP:** Select DisplayPort input.
- **HDMI1:** Select HDMI 1 input.
- **HDMI2:** Select HDMI 2 input.

4.5 System Settings

General monitor settings:

- **Language:** Set the OSD language (English is default).
- **OSD Setup:** Adjust OSD transparency, timeout, etc.
- **LED Indicator:** Turn the power LED on or off.
- **Audio:** Adjust volume for the earphone jack.
- **Hot Key:** Customize quick access functions.
- **Reset:** Restore all OSD settings to factory defaults.

5. MAINTENANCE

To ensure the longevity and optimal performance of your KTC Q24T09 monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.
- **Eye Care:** Utilize the monitor's Low Blue Light and Flicker-Free features to reduce eye strain during prolonged viewing.

6. TROUBLESHOOTING

If you encounter any issues with your monitor, please refer to the following common troubleshooting steps:

Problem	Possible Cause / Solution
No Power	Ensure the power adapter is securely connected to the monitor and a working power outlet. Check the power indicator LED.
No Signal	Verify that the video cable (DP or HDMI) is securely connected to both the monitor and your computer/device. Select the correct input source in the OSD menu.
Flickering Screen / Image Tearing	Ensure FreeSync/G-Sync is enabled in the OSD and your graphics card settings. Check the video cable for damage.
Poor Image Quality (Blurry, Distorted)	Ensure the display resolution is set to 2560x1440 (QHD) in your computer's display settings. Adjust brightness, contrast, and sharpness in the OSD.
Stuck/Dead Pixels	While rare, a small number of stuck or dead pixels may occur. Refer to KTC's official website for their specific pixel guarantee policy.
No Audio from Earphone Jack	Check the volume setting in the monitor's OSD and your computer's audio settings. Ensure your headphones/speakers are properly connected.

7. SPECIFICATIONS

Feature	Detail
Screen Size	23.8 Inches
Resolution	2560 x 1440 Pixels (QHD Wide 1440p)
Refresh Rate	180Hz (via DisplayPort), 144Hz (via HDMI)
Response Time	1ms
Panel Type	Fast IPS
Aspect Ratio	16:9
Image Brightness	350 Candela (cd/m²)
Contrast Ratio	1000:1
Color Depth	8-bit (1.07 Billion Colors)
Color Gamut	126% sRGB
HDR Support	Yes
Adaptive Sync	G-Sync and FreeSync Compatibility
Video Inputs	2x HDMI 2.0, 2x DisplayPort 1.4
Audio Output	1x 3.5mm Earphone Jack
VESA Compatibility	100 x 100mm
Tilt Adjustment	15° backward, 5° forward
Product Dimensions	4 x 18 x 24 inches

Feature	Detail
Item Weight	9 pounds
Manufacturer	KTC

8. WARRANTY AND SUPPORT

KTC monitors come with a **three-year warranty** from the manufacturer. For any technical support, warranty claims, or further inquiries, please contact KTC customer service or visit their official website.
You can find more information and support resources on the KTC Store on Amazon.
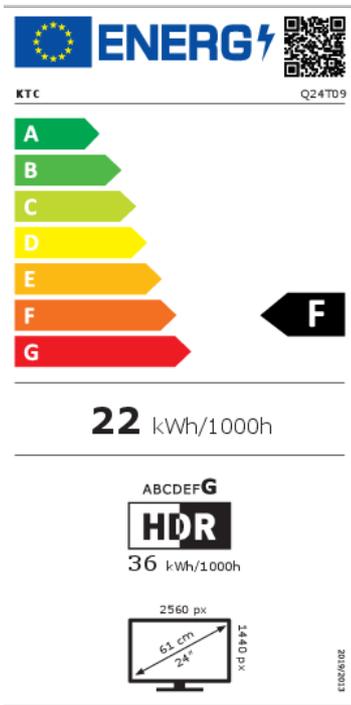
Documents - KTC – Q24T09

[pdf] User Manual Quick Start Guide Guide Warranty

Administrator Type Gaming Monitor 5 ore fa — Size 620x115x475mm Package Contents 1 x Stand Set Warranty Card Quick Start Guide User Manual DP Cable Adapter 4 hours ago 99c3a33f e976 4026 aa3c 13476e81ff93 d otto de files |||

General Display Brand: KTC Type: Gaming Monitor Model: **Q24T09** Panel Size: 24 Inches Panel Type: Fast IPS Aspect Ratio: 16:9 Resolution: 25601440 Backlight: ELED Refresh Rate: 180Hz Viewing Angle CR10 : 89 H , 89 V Brightness: 350cd/m Typ Contrast Ratio: 1000:1 Response Time with OD : 3ms Color...

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