KTC H24F8

KTC H24F8 Gaming Monitor User Manual

24 Inch 180Hz/190Hz FHD Fast IPS Gaming Monitor

INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your KTC H24F8 Gaming Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The KTC H24F8 is a high-performance 23.8-inch Full HD (1920x1080) gaming monitor featuring a Fast IPS panel, a 180Hz/190Hz refresh rate, and a 1ms response time. It supports HDR400 and offers a wide 133% sRGB color gamut for vibrant and accurate visuals. Designed for an immersive gaming experience, it also includes eye-care features like low blue light and flicker-free technology.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 23.8 inch FHD Monitor (1 unit)
- Tilt Adjustable Stand (1 unit)
- Warranty Card (1 unit)
- Quick Start Guide (QSG) (1 unit)
- HDMI Cable (1 unit)
- Power Adapter (1 unit)
- Screwdriver (1 unit)

SETUP INSTRUCTIONS

1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.

2. Attach the tilt adjustable stand to the back of the monitor. Align the mounting points and secure with the provided screws using the screwdriver. Ensure the stand is firmly attached.

3. Place the assembled monitor on a stable, flat surface.

2. Connecting the Monitor

The KTC H24F8 monitor offers multiple connection options for various devices.

Figure 1: Rear view of the monitor with connection ports labeled.

- **Power Connection:** Connect the power adapter to the DC input port on the monitor and then plug the adapter into a power outlet.
- **HDMI Connection:** Use the provided HDMI cable to connect your computer or gaming console to one of the HDMI 2.0 ports (FHD 180Hz, overlock 190Hz) on the monitor.
- **DisplayPort Connection:** For optimal performance, connect your computer to the DisplayPort 1.4 port

(FHD 180Hz, overlock 190Hz) using a DisplayPort cable (not included).

Ensure all cables are securely connected before powering on the monitor and your device.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the power button, typically located on the back or bottom of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is active.

2. On-Screen Display (OSD) Menu

The monitor features a joystick control on the back for navigating the On-Screen Display (OSD) menu. This menu allows you to adjust various display settings.

- **Navigate:** Move the joystick up, down, left, or right to browse menu options.
- **Select:** Press the joystick inward to confirm a selection.
- **Exit:** Move the joystick left repeatedly to go back or exit the menu.

3. Key Settings and Features

- **Refresh Rate:** The monitor supports up to 190Hz refresh rate. Ensure your graphics card settings are configured to utilize the maximum refresh rate for the smoothest experience.
- **Response Time (1ms MPRT):** This feature minimizes motion blur. It can be enabled via the OSD menu. Note that MPRT may disable other features like HDR or FreeSync depending on the specific setting.
- **HDR400:** For enhanced contrast and color, enable HDR in both the monitor's OSD and your operating system's display settings. The monitor supports HDR400, providing a peak brightness of 400 cd/m².
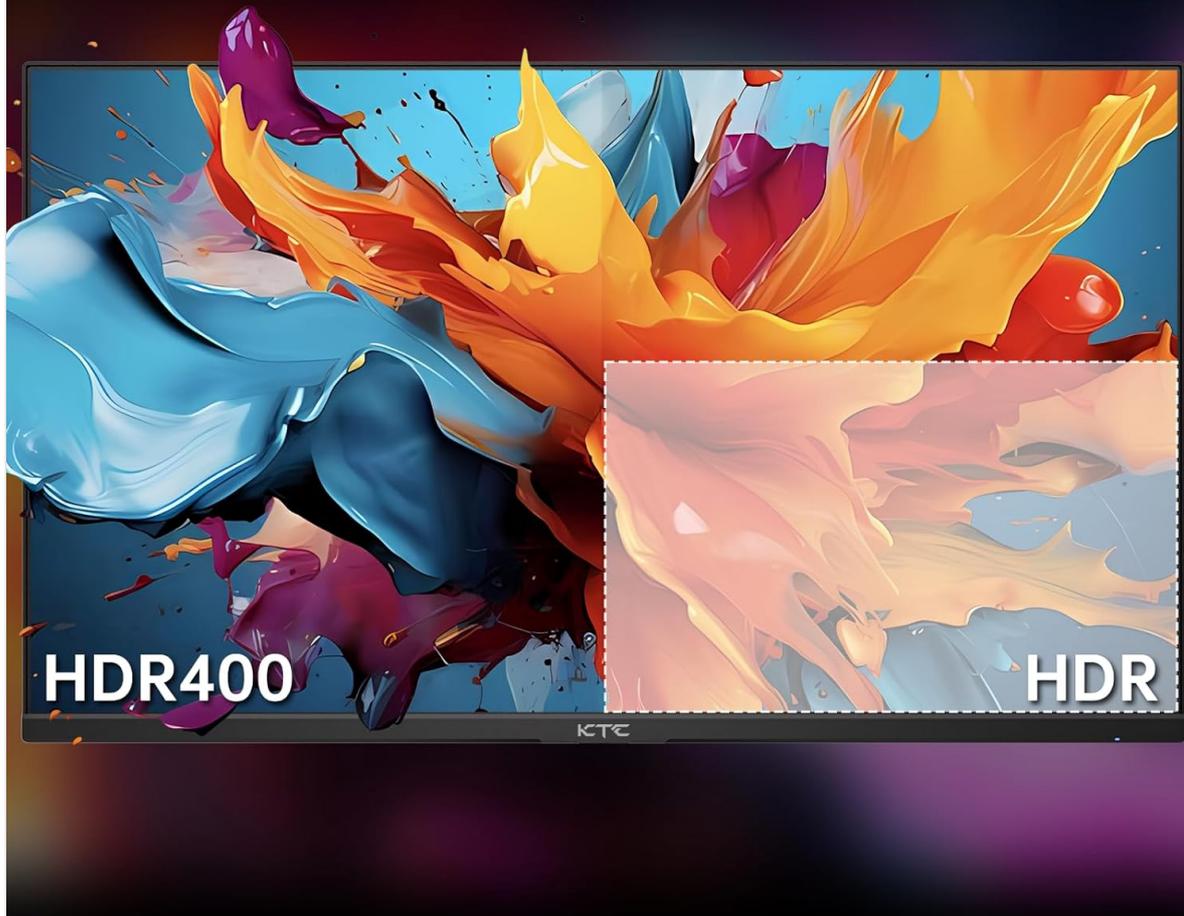
Figure 2: Visual representation of HDR400 technology.

- **FreeSync Compatibility:** This technology synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering. Enable FreeSync in the OSD menu and your graphics card control panel.

- **Eye Care (Low Blue Light & Flicker-Free):** These features reduce eye strain during prolonged use. Low blue light filters harmful blue light emissions, and flicker-free technology eliminates screen flickering. These can be toggled in the OSD menu.
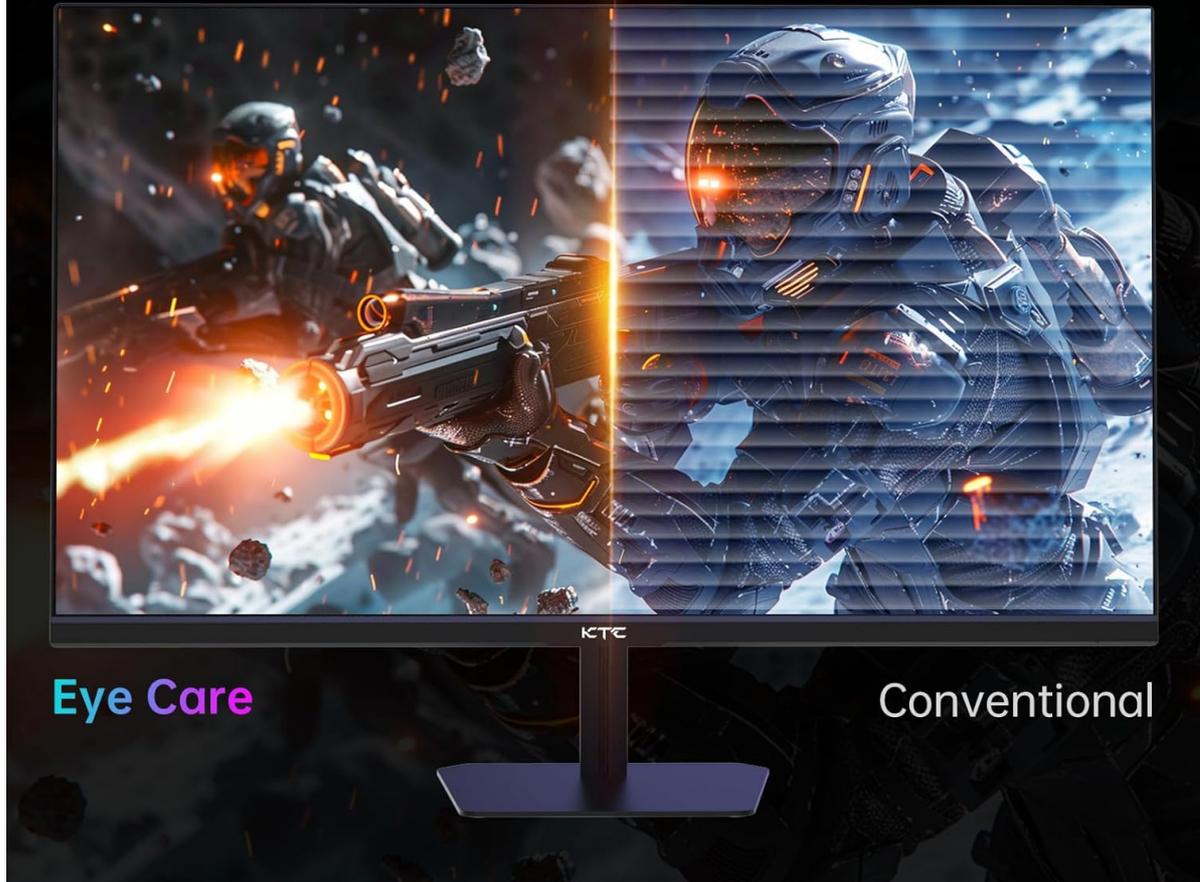
Figure 3: Eye Protection technology in action.

- **Color Settings:** Adjust brightness, contrast, color temperature, and gamma settings to your preference. The Fast IPS panel provides 133% sRGB color gamut for accurate and vivid colors.

4. KTC MCC Client Adjustment

The monitor supports adjustment via the KTC MCC client software. This software allows for more detailed control over monitor parameters through your PC.

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Video 1: Official KTC video demonstrating the 24-inch 1080p 190Hz gaming monitor features, including KTC MCC client adjustment. This video highlights the monitor's design, refresh rate, response time, and color capabilities.

MAINTENANCE AND CARE

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronics. Do not use abrasive cleaners, waxes, or solvents. Lightly dampen the cloth with water if necessary, and gently wipe the screen.

- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid spraying liquids directly onto the monitor.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked. Proper airflow prevents overheating.
- **Storage:** If storing the monitor for an extended period, disconnect it from power and store it in a cool, dry place, preferably in its original packaging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Check power and video cable connections. Press the OSD joystick to select the correct input source (HDMI/DP).
Image is blurry or distorted	Incorrect resolution; Graphics card driver issues.	Set the display resolution to 1920x1080. Update your graphics card drivers.
Screen flickering	FreeSync/Adaptive Sync issue; Cable quality; External interference.	Ensure FreeSync is properly configured or try disabling it. Use a high-quality video cable. Check for nearby electronic devices causing interference.
Colors appear incorrect	Color settings misconfigured; HDR setting issues.	Adjust color settings in the OSD menu. Verify HDR is enabled correctly in both monitor and OS settings, or disable it for testing.
Joystick control feels flimsy	Manufacturing tolerance.	This is a known characteristic for some units. Handle with care. If functionality is impaired, contact support.

For issues not covered here, please refer to the KTC support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	H24F8
Screen Size	23.8 Inches
Panel Type	Fast IPS

Feature	Detail
Resolution	1920 x 1080 (FHD 1080p)
Refresh Rate	180Hz (Native) / 190Hz (Overclock)
Response Time	1ms (MPRT)
Aspect Ratio	16:9
Brightness	400 Candela (HDR400)
Contrast Ratio	1000:1
Color Gamut	133% sRGB
Connectivity	2x HDMI 2.0, 1x DisplayPort 1.4
Features	FreeSync Compatible, Low Blue Light, Flicker-Free, VESA Wall-Mountable
Product Dimensions	4 x 24 x 18 inches
Item Weight	9 pounds
Manufacturer	KTC

WARRANTY AND SUPPORT

KTC provides a limited warranty for this product. Please refer to the included Warranty Card for detailed terms and conditions. For technical support, firmware updates, or service inquiries, please visit the official KTC website or contact their customer service department.
Manufacturer: KTC
Model: H24F8
Date First Available: February 13, 2025