KTC 24DY720

KTC 24-inch Monitor User Manual

Model: 24DY720

1. Introduction

This user manual provides comprehensive instructions for setting up, operating, and maintaining your KTC 24-inch Full HD Monitor. Designed for versatile use, this monitor is perfect for everyday computing, home and office tasks, and immersive gaming experiences. It features a 100Hz refresh rate, FreeSync Premium, HDR10 support, and eye-care technology to ensure a smooth, vibrant, and comfortable viewing experience.

2. Package Contents

Please verify that all items listed below are included in your package:

- Monitor x1
- Adaptor x1
- Base x1
- Quick Start Guide (QSG) x1
- HDMI Cable x1
- Screwdriver x1

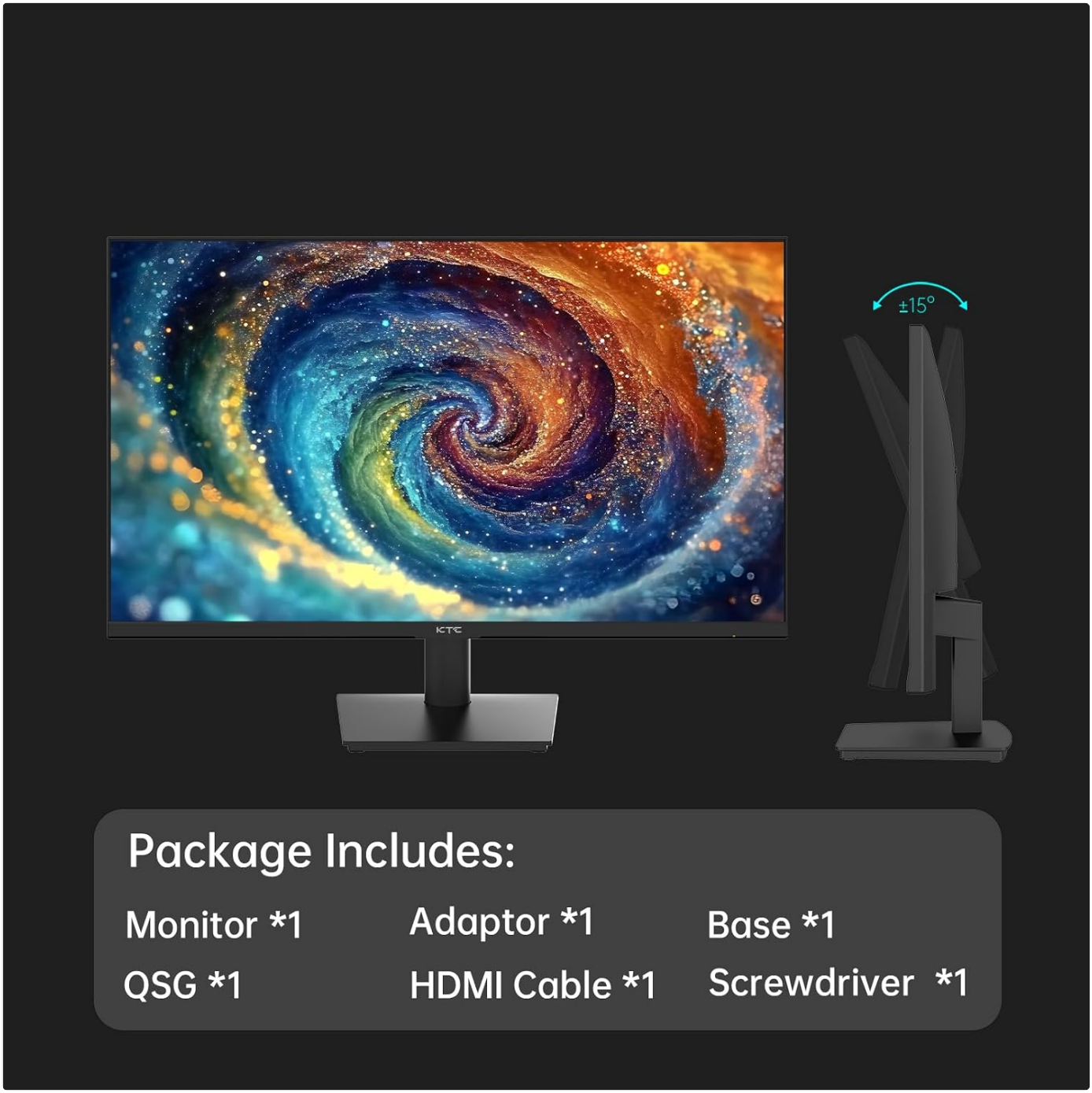


Figure 2.1: Included Package Contents

3. Setup

3.1 Monitor Assembly

Carefully remove the monitor and its components from the packaging. Attach the monitor base to the stand, securing it with the provided screw and screwdriver. The monitor also supports VESA mounting (100 x 100mm) for alternative setup options.



Figure 3.1: Monitor Rear Panel and VESA Mount (100x100mm)

3.2 Connectivity

Connect your devices to the monitor using the available ports:

- **HDMI 1.4 Port:** For digital video and audio input (supports 1920x1080 @ 100Hz).
- **VGA Port:** For analog video input (supports 1920x1080 @ 75Hz).
- **Earphone Jack:** For audio output to headphones or external speakers.

Your browser does not support the video tag.

Video 3.1: Overview of KTC 24-inch Monitor features, including connectivity options and general usage scenarios.

4. Operating Instructions

4.1 Basic Functions and OSD Navigation

The monitor features a multi-directional joystick control, typically located on the rear or bottom-right of the display, for navigating the On-Screen Display (OSD) menu. Press the joystick to open the OSD menu, then move it up/down/left/right to select and adjust settings.

4.2 Display Settings

Customize your viewing experience through the OSD menu:

- **Brightness & Contrast:** Adjust for optimal visibility in different lighting conditions.
- **Color Settings:** Fine-tune color temperature, hue, and saturation for accurate and vibrant visuals. The monitor offers 104% sRGB color gamut coverage and 8-bit color depth.
- **HDR10 Technology:** Experience enhanced dynamic range with deeper blacks and brighter whites for a more immersive picture.

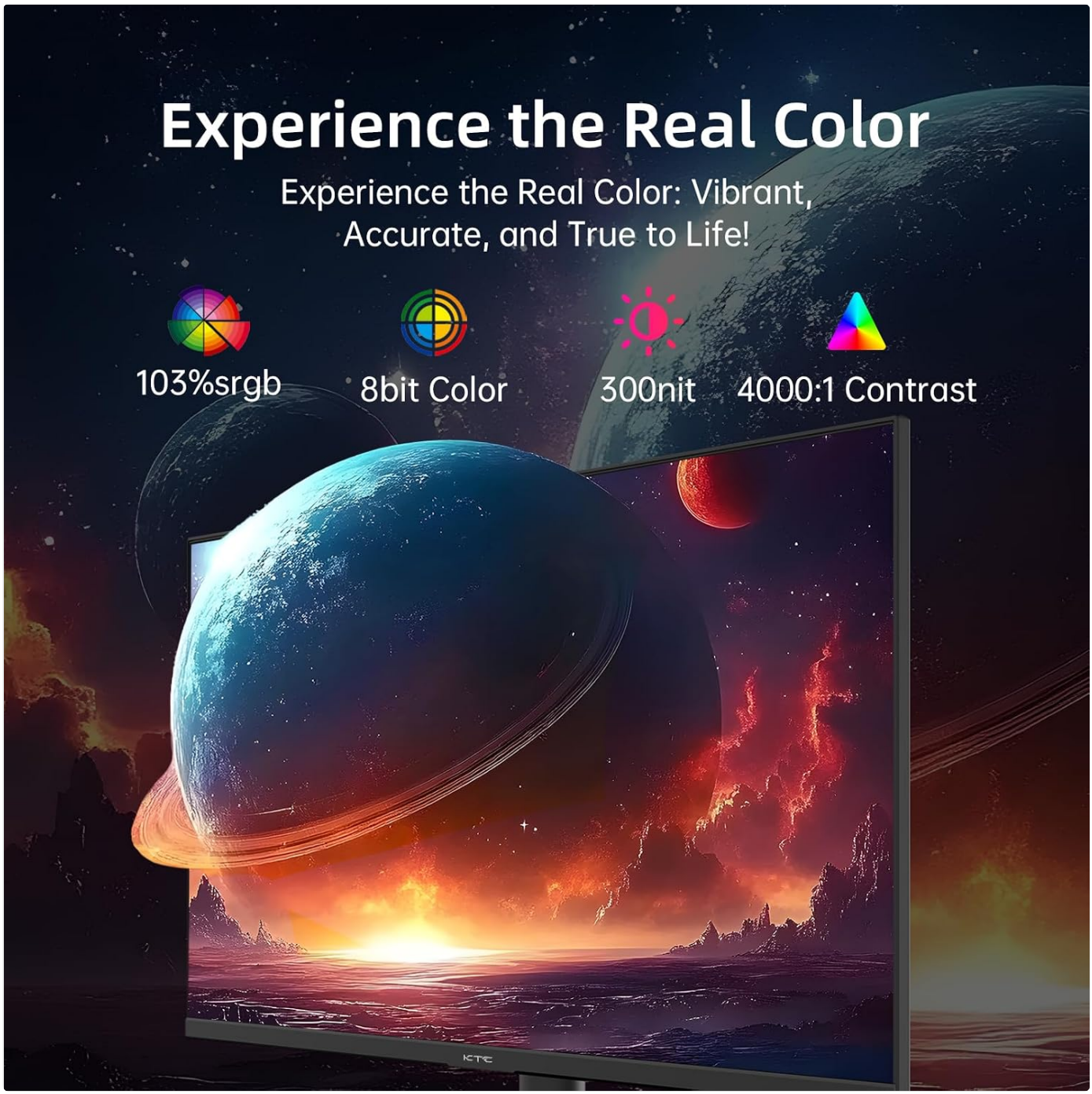


Figure 4.1: Vibrant Color Display Capabilities



Figure 4.2: HDR10 Technology in action

4.3 Gaming Features

Optimize your gaming performance:

- **100Hz Refresh Rate:** Enjoy smoother visuals and reduced motion blur, crucial for fast-paced games.
- **FreeSync Premium:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering, providing a fluid gaming experience.



Figure 4.3: 100Hz Refresh Rate for Smooth Visuals



Figure 4.4: FreeSync & G-Sync Compatibility

4.4 Eye Care Features

The monitor incorporates Low Blue Light technology to reduce harmful blue light emissions, protecting your eyes from fatigue, irritation, and strain during extended use.



Figure 4.5: Low Blue Light Technology for Eye Comfort

5. 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 screen-cleaning solution. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Ventilation:** Ensure the monitor's ventilation openings are clear and unobstructed to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will not be used for an extended period.

6. Troubleshooting

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

- **No Power:** Ensure the power cable is securely connected to both the monitor and a working power outlet. Check if the power adapter is functioning correctly.
- **No Signal:** Verify that the video cable (HDMI or VGA) is securely connected to both the monitor and your computer/device. Ensure the correct input source is selected in the OSD menu.
- **Flickering/Distorted Image:** Check the video cable for damage. Try a different cable or port. Ensure your graphics card drivers are up to date.
- **Display Issues:** Reset the monitor to factory settings via the OSD menu. Adjust brightness, contrast, and color settings.
- **Buttons Not Responding:** Unplug the monitor for a few minutes, then plug it back in.

If the issue persists after trying these steps, please contact KTC customer support for further assistance.

7. Specifications

Brand	KTC
Model Number	24DY720
Screen Size	24 Inches
Resolution	FHD 1080p (1920 x 1080)
Refresh Rate	100Hz
Aspect Ratio	16:9
Brightness	300 Nits
Color Gamut	104% sRGB
Contrast Ratio	4000:1
HDR Support	HDR10
Adaptive Sync	FreeSync Premium
Connectivity	1x HDMI 1.4, 1x VGA, 1x Earphone Jack
VESA Mount	100 x 100mm
Adjustable Tilt	-5° to 15°
Product Dimensions	24.41 x 18.71 x 4.53 inches
Item Weight	9.38 pounds
Voltage	12 Volts (DC)

8. Warranty and Support

KTC offers a **3-Year Protection Plan** for this monitor, ensuring peace of mind regarding your investment. For technical support, warranty claims, or any inquiries, please visit the official KTC website or contact their customer service department.

KTC Official Website: KTC Store on Amazon
For the most up-to-date contact information, please refer to the KTC website or your product's Quick Start Guide.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question