

HKC G27M7Pro

HKC G27M7Pro 27-inch Mini LED Gaming Monitor User Manual

1. INTRODUCTION

Thank you for choosing the HKC G27M7Pro 27-inch Mini LED Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

Safety Information

- Do not expose the monitor to rain or moisture to avoid fire or electric shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor to prevent overheating.
- Use only the power adapter and cables supplied with the monitor.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- HKC G27M7Pro Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable
- DisplayPort Cable
- USB-C Cable
- User Manual (this document)

3. SETUP

3.1 Assembling the Stand

Carefully remove the monitor and stand components from the packaging. Attach the stand neck to the monitor panel, then secure the base to the neck using the provided screws. Ensure all connections are firm.



Image: Front view of the HKC G27M7Pro monitor, illustrating the assembled unit.

3.2 Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables. The monitor supports DisplayPort, HDMI, and USB-C inputs.

- **DisplayPort:** Connect one end of the DisplayPort cable to the monitor's DisplayPort input and the other end to your computer's DisplayPort output.
- **HDMI:** Connect one end of the HDMI cable to one of the monitor's HDMI inputs and the other end to your computer's or console's HDMI output.
- **USB-C:** Connect the USB-C cable to the monitor's USB-C input and your compatible device's USB-C port for video, data, and 90W power delivery.
- **USB 3.0 Hub:** Connect the upstream USB cable (if provided, typically USB-A to USB-B or USB-C to USB-A) from your computer to the monitor to enable the integrated USB 3.0 hub ports for peripherals.
- **Audio Out:** Connect external speakers or headphones to the 3.5mm audio output jack on the monitor.

320Hz Flash - Speed High Refresh Mode As Fast as Invisible

Supports one - key frequency conversion². Players can switch to the 320Hz e - sports - level high refresh mode with one key, bringing unprecedented screen smoothness and making game operations one step ahead. The ultra - fast 1ms³ response greatly eliminates game motion blur, allowing you to fear no delays, strike rapidly, and enjoy more thrilling battles!



Image: Rear view of the monitor, highlighting the DisplayPort, HDMI, USB-C, and other connectivity options.

3.3 Powering On

Connect the power adapter to the monitor's power input, then plug the power cable into an electrical outlet. Press the power button on the monitor to turn it on.

4. OPERATING INSTRUCTIONS

4.1 On-Screen Display (OSD) Navigation

The monitor features an On-Screen Display (OSD) menu for adjusting various settings. Use the buttons located on the monitor (typically on the back or bottom right) to navigate and select options within the OSD.

- **Power Button:** Turns the monitor on or off.
- **Menu Button:** Opens the OSD menu.
- **Navigation Buttons:** Used to move up/down or left/right through menu options.
- **Select/Enter Button:** Confirms a selection or enters a sub-menu.

- **Exit Button:** Exits the current menu or returns to the previous level.

4.2 Display Modes and Features

The HKC G27M7Pro monitor offers advanced display technologies for an optimized viewing experience.

- **Ultra-High Resolution & Dual Refresh Modes:** Switch between UHD (3840x2160) at 160Hz for detailed visuals and FHD (1920x1080) at 320Hz for ultra-smooth competitive gaming. This allows users to prioritize either resolution or refresh rate based on their application.
- **Mini LED IPS Panel:** The 27-inch Mini LED IPS panel provides a peak brightness of 550cd/m², supports 1.07 billion colors, and covers 98% of the DCI-P3 color gamut. This technology delivers vibrant, accurate colors and superior contrast.



Image: Illustration of QD-MiniLED backlight technology, showing 1152 local dimming zones for precise brightness and contrast control.

- **HDR1400 Support:** Enjoy deep blacks, brilliant highlights, and enhanced contrast for immersive gaming and multimedia experiences, meeting the VESA DisplayHDR 1400 standard.
- **Fast Response Time:** A 1ms DIC (Dynamic Image Control) response time and a 20,000,000:1 dynamic contrast ratio reduce motion blur and screen tearing, providing a smooth and responsive gaming experience.

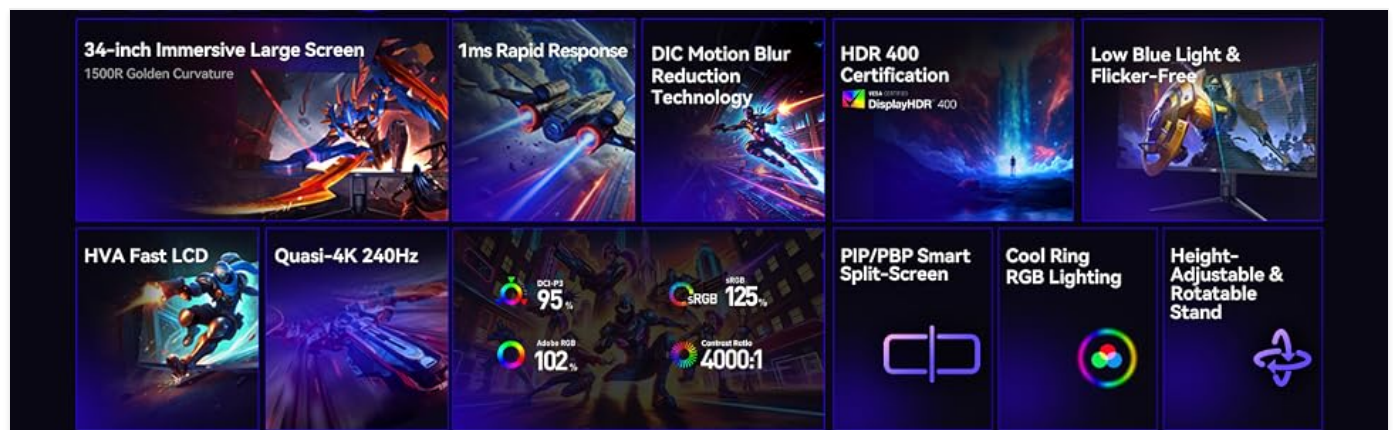


Image: The monitor displaying a high-speed gaming scene, emphasizing the 320Hz refresh rate for fluid motion.

4.3 Ergonomic Stand Adjustment

The monitor features an ergonomic HAS (Height Adjustable Stand) for personalized comfort and viewing angles.

- **Height Adjustment:** Adjust the monitor height up to 130mm.
- **Tilt:** Tilt the screen from -5° to 20° (forward/backward).
- **Swivel:** Swivel the monitor from -30° to 30° (left/right).
- **Pivot:** Rotate the screen from -90° to 90° (portrait/landscape mode).

Next - Generation QD - MiniLED Proper Brightness and Darkness

Adopting the next - generation QD - MiniLED technology, through 1152 - zone array - type backlight, it precisely controls the screen brightness, greatly enhancing the dynamic range of the screen, making the dark areas darker and the bright areas brighter. It also adds a QD quantum film, making the screen layers more three - dimensional and the visual perception more transparent.

QD-MiniLED Backlight Technology

1000000:1
Dynamic Contrast Ratio

QD Quantum Film
Full - color Display



1152 - Zone Lighting Control

Equipped with Local Dimming four - level lighting control technology, meeting the needs of multiple scenario

Four - level Lighting Control

High

Enhance the details of bright areas in the screen



Medium

Balance the brightness performance of the screen



Low

Create a backlight atmosphere for the screen



Off

Turn off zone lighting control

Backlight Zones

1152



Image: The monitor on its stand, demonstrating the range of height, tilt, swivel, and pivot adjustments.

4.4 Picture-in-Picture (PIP) and Picture-by-Picture (PBP)

The monitor supports PIP and PBP functions, allowing you to display content from two different sources simultaneously. Refer to the OSD menu for configuration options.

5. MAINTENANCE

5.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, abrasive pads, or solvents.

5.2 General Care

- Keep the monitor away from direct sunlight and heat sources.
- Do not block the ventilation openings on the monitor.
- Avoid placing heavy objects on the monitor or its cables.

6. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following troubleshooting guide:

6.1 No Power

- Ensure the power cable is securely connected to both the monitor and the power outlet.
- Verify that the power outlet is functioning correctly by plugging in another device.
- Check if the power adapter is properly connected to the monitor.

6.2 No Signal

- Confirm that the video cable (HDMI, DisplayPort, or USB-C) is securely connected to both the monitor and your computer/device.
- Ensure the correct input source is selected in the monitor's OSD menu.
- Try connecting the monitor to a different video output on your computer or another device to rule out a source issue.
- Restart your computer.

6.3 Image Issues (Flickering, Distorted Colors)

- Check the video cable for damage or loose connections. Try a different cable if available.
- Adjust the resolution and refresh rate settings on your computer to match the monitor's supported specifications.
- Perform a factory reset through the OSD menu.
- Ensure your graphics card drivers are up to date.

7. SPECIFICATIONS

Detailed technical specifications for the HKC G27M7Pro monitor:

Feature	Specification
Brand	HKC
Model Name	G27M7Pro
Screen Size	27 inches
Display Type	Mini LED IPS
Display Resolution Maximum	3840x2160 (UHD)
Native Resolution	3840 x 2160
Refresh Rate (UHD)	160Hz
Refresh Rate (FHD)	320Hz
Response Time	1ms DIC

Feature	Specification
HDR Support	HDR1400
Color Depth	1.07 Billion Colors
DCI-P3 Coverage	98%
Connectivity Technology	DisplayPort, HDMI, USB
HDMI Ports	2 (HDMI 2.1)
DisplayPort	1 (DisplayPort 1.4)
USB-C	1 (90W Power Delivery)
USB Hub	USB 3.0
Audio Out	Yes
Ergonomic Stand	HAS (Height, Tilt, Swivel, Pivot)
VESA Compatibility	100x100mm
Color	Black

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The HKC G27M7Pro monitor comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external factors.

Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact HKC customer support. Refer to the HKC official website or your purchase documentation for the most up-to-date contact information.

Online Support: Visit the official HKC website for FAQs, driver downloads, and support resources.

Email Support: [Insert HKC Support Email Address Here, if available]

Phone Support: [Insert HKC Support Phone Number Here, if available]

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