

TITAN ARMY P275MS PRO

TITAN ARMY P275MS PRO 27-inch WQHD 345Hz Gaming Monitor User Manual

Model: P275MS PRO | Brand: TITAN ARMY

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your TITAN ARMY P275MS PRO 27-inch WQHD 345Hz Gaming Monitor. Please read it thoroughly before operating the device and retain it for future reference.

2. SAFETY INFORMATION

Always follow these basic safety precautions to reduce the risk of fire, electric shock, and injury:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing; refer all servicing to qualified personnel.
- Ensure proper ventilation around the monitor.
- Use only the power adapter and cables provided by the manufacturer.
- Avoid placing the monitor on unstable surfaces.
- Disconnect the power plug from the outlet if the monitor will not be used for a long period.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Monitor Base

- Monitor Stand
- Power Adapter
- Power Cord
- DisplayPort 1.4 Cable
- Quick Start Guide

4. PRODUCT OVERVIEW

The TITAN ARMY P275MS PRO is a high-performance 27-inch gaming monitor featuring Quantum Dot MiniLED technology, WQHD (2560x1440) resolution, and a 345Hz refresh rate. It supports HDR1000nits and includes advanced features for an enhanced visual experience.



Image: Front view of the TITAN ARMY P275MS PRO 27-inch WQHD Gaming Monitor.

Key Features:

- **27-inch WQHD (2560x1440) Display:** Provides sharp and detailed visuals.
- **345Hz Refresh Rate:** Ensures ultra-smooth motion for competitive gaming.
- **Quantum Dot MiniLED Technology:** Delivers vibrant colors and precise backlighting.
- **HDR1000nits:** Offers high brightness and contrast for stunning HDR content.
- **1152 Local Dimming Zones:** Enhances contrast by dimming specific areas of the screen.
- **DyDs TECH 2.0:** Combines black frame insertion with AdaptiveSync for reduced motion blur.
- **Wide Color Gamut:** 99% DCI-P3 and 99% Adobe RGB coverage for accurate color reproduction.
- **Connectivity:** Two HDMI 2.1 ports and one DisplayPort 1.4.
- **Adaptive Sync:** Compatible with FreeSync and G-Sync for tear-free gaming.
- **Ergonomic Stand:** Allows for height, tilt, swivel, and pivot adjustments.

5. SETUP

5.1 Assembling the Stand

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

2. Attach the stand base to the stand neck using the provided screws.
3. Align the assembled stand with the VESA mounting holes on the back of the monitor.
4. Secure the stand to the monitor using the appropriate screws. Ensure it is firmly attached.



Image: Illustration of monitor stand assembly and ergonomic adjustments.

5.2 Connecting to a Device

The monitor supports DisplayPort and HDMI connections.

- **DisplayPort:** Connect one end of the DisplayPort 1.4 cable to the DisplayPort output on your computer and the other end to the DisplayPort input on the monitor.
- **HDMI:** Connect one end of an HDMI 2.1 cable to the HDMI output on your computer or game console (e.g., PS5) and the other end to one of the HDMI inputs on the monitor.



Image: Rear view of the monitor showing available DisplayPort and HDMI inputs.

5.3 Power Connection

1. Connect the power adapter to the monitor's power input.
2. Plug the power cord into the power adapter and then into a wall outlet.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is on.

6.2 On-Screen Display (OSD) Menu

Use the joystick or buttons (depending on model variation) on the back or bottom of the monitor to navigate the OSD menu. The OSD allows you to adjust various settings such as brightness, contrast, color, input source, and advanced gaming features.

6.3 Ergonomic Adjustments

The monitor stand allows for the following adjustments:

- **Height Adjustment:** Raise or lower the monitor to your preferred viewing height.
- **Tilt:** Adjust the screen's vertical angle (forward or backward).
- **Swivel:** Rotate the monitor horizontally on its base.
- **Pivot:** Rotate the screen 90 degrees for portrait mode viewing.



Image: Visual representation of the ergonomic stand's height, tilt, swivel, and pivot capabilities.

7. GAME+ FEATURES

The P275MS PRO includes several features designed to enhance your gaming experience:

7.1 HDR (High Dynamic Range)

Enables a wider range of colors and contrast, making bright areas brighter and dark areas darker for a more immersive visual experience. The monitor supports HDR1000nits. Activate HDR through your connected device's settings and the monitor's OSD.



Image: Illustration demonstrating the HDR 1000nits capability of the monitor.

7.2 DyDs TECH 2.0 (Dynamic Display System)

This technology combines black frame insertion with AdaptiveSync to significantly reduce motion blur and ghosting during fast-paced scenes, providing a clearer and sharper image at high refresh rates.



Image: Comparison showing the effect of DyDs Black Frame Insertion Technology on motion clarity.

7.3 Adaptive Sync (FreeSync/G-Sync Compatible)

Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering, ensuring a fluid gaming experience.

7.4 Other Game+ Functions

- **Color Enhancement:** Adjusts color saturation for more vivid visuals.
- **Contrast Enhancement:** Optimizes contrast to reveal more detail in dark and bright areas.
- **Local Dimming:** Utilizes the 1152 MiniLED zones to precisely control backlight for superior contrast.
- **Night Vision Mode:** Enhances visibility in dark in-game environments.
- **Shadow Balance:** Adjusts gamma levels to brighten dark areas without overexposing bright ones.
- **Super Resolution Mode:** Upscales lower-resolution images for improved clarity.
- **Halo Control:** Reduces halo effects around bright objects on dark backgrounds.
- **Extreme Game Mode:** Minimizes input lag for the fastest possible response.
- **Dynamic OD (Overdrive):** Adjusts pixel response time to reduce ghosting.
- **Game Crosshair:** Displays an on-screen crosshair for improved aiming.
- **Refresh Rate Display:** Shows the current refresh rate on screen.
- **Stopwatch/Timer:** On-screen timers for in-game use.
- **Dual Monitor Assist:** Aids in adjusting settings for multi-monitor setups.
- **Hawk-eye Zoom/Vision:** Magnifies a specific area of the screen or minimap for better visibility.

8. PIP/PBP FUNCTIONALITY

The monitor supports Picture-in-Picture (PIP) and Picture-by-Picture (PBP) modes, allowing you to display content from two different input sources simultaneously.

- **PBP (Picture-by-Picture):** Divides the screen into two halves, displaying content from two sources side-by-side.
- **PIP (Picture-in-Picture):** Displays the main input source across the full screen, with a smaller window showing content from a second input source.

These modes can be configured via the OSD menu.



Image: Examples of Picture-by-Picture (PBP) and Picture-in-Picture (PIP) display modes.

9. MAINTENANCE

9.1 Cleaning the Monitor

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

9.2 General Care

- Keep the monitor away from direct sunlight and heat sources.
- Ensure adequate airflow around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

10. TROUBLESHOOTING

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

Problem	Possible Solution
No image on screen	Check power connections. Ensure the monitor is turned on. Verify input source selection in OSD. Check video cable connection.
Image is blurry or distorted	Adjust resolution settings on your computer. Check video cable for damage. Reset monitor to factory settings via OSD.
No sound	Check audio output settings on your computer/console. Ensure monitor volume is not muted or too low. If using external speakers, verify their connection.
Screen tearing or stuttering	Ensure Adaptive Sync (FreeSync/G-Sync Compatible) is enabled on both the monitor (OSD) and your graphics card settings.

Problem	Possible Solution
Monitor not reaching 345Hz	Ensure your graphics card and cable (DisplayPort 1.4 or HDMI 2.1) support 345Hz at WQHD resolution. Update graphics drivers. Adjust refresh rate in your operating system's display settings.

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

11. SPECIFICATIONS

Feature	Specification
Brand	TITAN ARMY
Model Number	P275MS PRO
Screen Size	27 inches
Resolution	WQHD (2560 x 1440 pixels)
Aspect Ratio	16:9
Refresh Rate	345 Hz
Response Time	1 ms
Display Technology	Quantum Dot MiniLED
HDR Support	HDR1000nits
Local Dimming Zones	1152 zones
Color Gamut	99% DCI-P3, 99% Adobe RGB
Contrast Ratio (Typical)	1300:1
Dynamic Contrast Ratio (DCR)	2,500,000:1
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4
Adaptive Sync	FreeSync, G-Sync Compatible
VESA Mount Compatibility	100x100mm
Dimensions (D x W x H)	24.2 x 61.4 x 39.9 cm
Weight	6.7 kg

12. WARRANTY AND SUPPORT

12.1 Warranty Information

This TITAN ARMY P275MS PRO monitor comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials 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.

12.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your TITAN ARMY P275MS PRO monitor, please contact TITAN ARMY customer support through their official website or the retailer where you purchased the product.

For more information, visit the official TITAN ARMY store: [TITAN ARMY Official Store](#)
