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› TITAN ARMY P275MV Plus 27-inch Mini LED Gaming Monitor User Manual

TITAN ARMY P275MV Plus

TITAN ARMY P275MV Plus 27-inch Mini LED Gaming Monitor User Manual

Model: P275MV Plus

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TITAN ARMY P275MV Plus 27-inch Mini LED Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. SAFETY INFORMATION

Observe the following safety precautions to ensure safe operation and to extend the lifespan of your monitor:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Clean the monitor screen with a soft, lint-free cloth. Avoid using harsh chemicals.

3. PACKAGE CONTENTS

Verify that all items are present in your product package:

- TITAN ARMY P275MV Plus Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable
- DisplayPort (DP) Cable

- USB-C Cable
- USB-B to USB-A Cable
- User Manual (this document)

4. SETUP

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface.
2. Attach the stand neck to the monitor panel using the provided screws.
3. Connect the stand base to the stand neck and secure it with the designated screw.

Alternatively, the monitor supports VESA 100x100mm mounting for wall mounts or monitor arms. Ensure the VESA mount is rated for the monitor's weight.



Figure 4.1: Front and rear view of the TITAN ARMY P275MV Plus monitor with its stand.

4.2 Connecting Cables

Connect the necessary cables to the monitor and your computer or other devices.

- **Power:** Connect the power adapter to the monitor's power input and then to a power outlet.
- **Video Input:** Choose one of the following:

- **HDMI:** Connect an HDMI cable from your device to one of the monitor's HDMI 2.1 ports.
- **DisplayPort (DP):** Connect a DP 1.4 cable from your device to the monitor's DP 1.4 port.
- **USB-C:** Connect a USB-C cable from a compatible device to the monitor's Type-C port. This port supports video, data, and 65W power delivery.
- **USB Hub:** Connect the USB-B to USB-A cable from your computer to the monitor's USB-B upstream port to enable the monitor's USB-A downstream ports.
- **Audio Output:** Connect headphones or external speakers to the 3.5mm audio out port if desired.



Figure 4.2: Available connectivity ports on the monitor.

5. OPERATING THE MONITOR

5.1 Powering 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 active.

5.2 On-Screen Display (OSD) Menu Navigation

The monitor features an OSD menu for adjusting various settings. Use the joystick or buttons (refer to your monitor's physical layout) to navigate the menu.

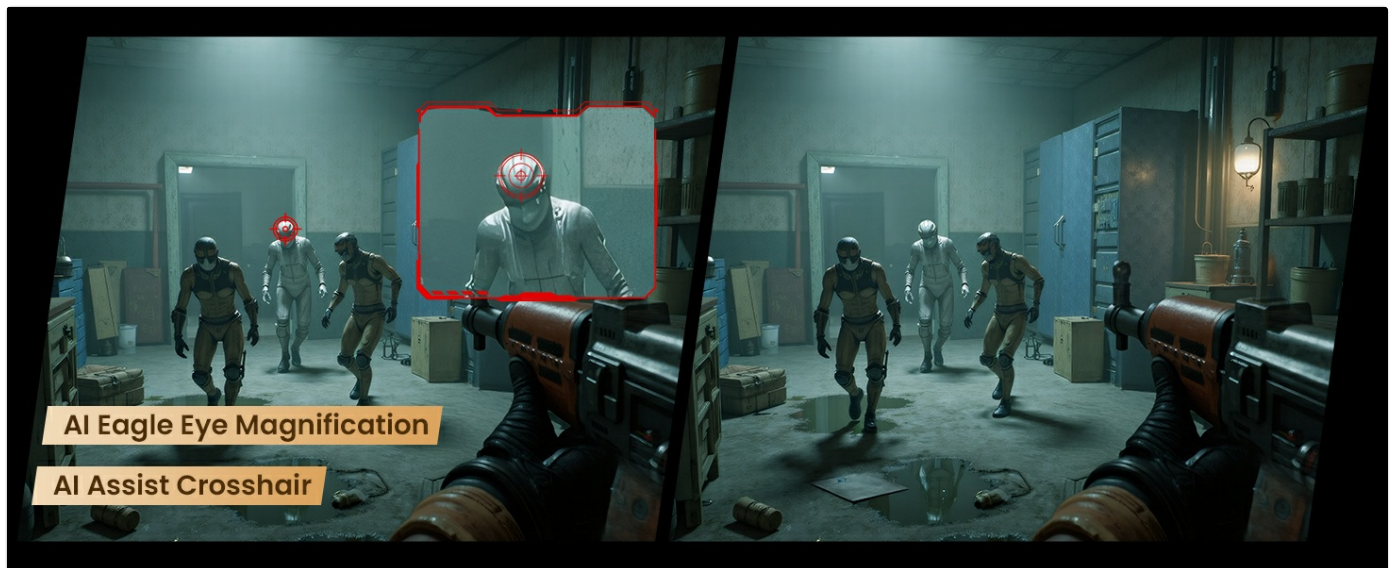


Figure 5.1: Example of the OSD menu for settings customization.

5.3 Key Features and Settings

- **Dual-Mode Switching:** The monitor supports switching between 4K resolution at 160Hz refresh rate and Full HD (FHD) resolution at 320Hz refresh rate. This can be toggled via a dedicated button or through the OSD menu. This feature allows optimization for different game types, such as high-resolution for AAA titles or high refresh rate for competitive FPS games.

Two modes

3A/FPS one-click switch

4K/160Hz



FHD/320Hz



4K/160Hz



FHD/320Hz

Figure 5.2: Dual-mode display for different gaming experiences.

- **Mini LED Backlighting:** Features 1152 independent dimming zones for precise light control, enhancing contrast and brightness, and reducing halo effects. This technology contributes to deeper blacks and brighter whites.

QD-Mini LED

1152-zone dimming for precise light control, enhanced contrast, and reduced halo effects



Figure 5.3: Mini LED dimming zone technology.

- **HDR1000 Support:** Compatible with HDR1000 content, providing a peak brightness of 1000 nits and a wide dynamic range for enhanced visual fidelity.

HDR 1000 Support



Figure 5.4: HDR1000 vs. SDR visual comparison.

- **Color Accuracy:** Offers 153% sRGB color gamut coverage and professional-grade $\Delta E < 2$ color calibration for accurate color reproduction. Supports 10-bit color depth.

Delivers True-to-Life Color



Figure 5.5: Color performance metrics.

- **Ergonomic Adjustability:** The stand allows for various adjustments to optimize viewing comfort:
 - **Height Adjustment:** Up to 120mm.
 - **Tilt:** -5° to 20°.
 - **Swivel:** ±25°.
 - **Pivot:** 90° for portrait/landscape orientation.



Figure 5.6: Ergonomic adjustment capabilities.

- **KVM Switch:** The integrated KVM (Keyboard, Video, Mouse) switch allows you to control multiple computers with a single set of keyboard and mouse connected to the monitor. Connect your devices to the appropriate USB and video inputs.



Figure 5.7: KVM switch functionality for multi-device control.

- **Built-in Speakers & RGB Lighting:** The monitor includes 4Ω 3W*2 speakers for audio output and customizable 7-color RGB lighting on the rear panel.

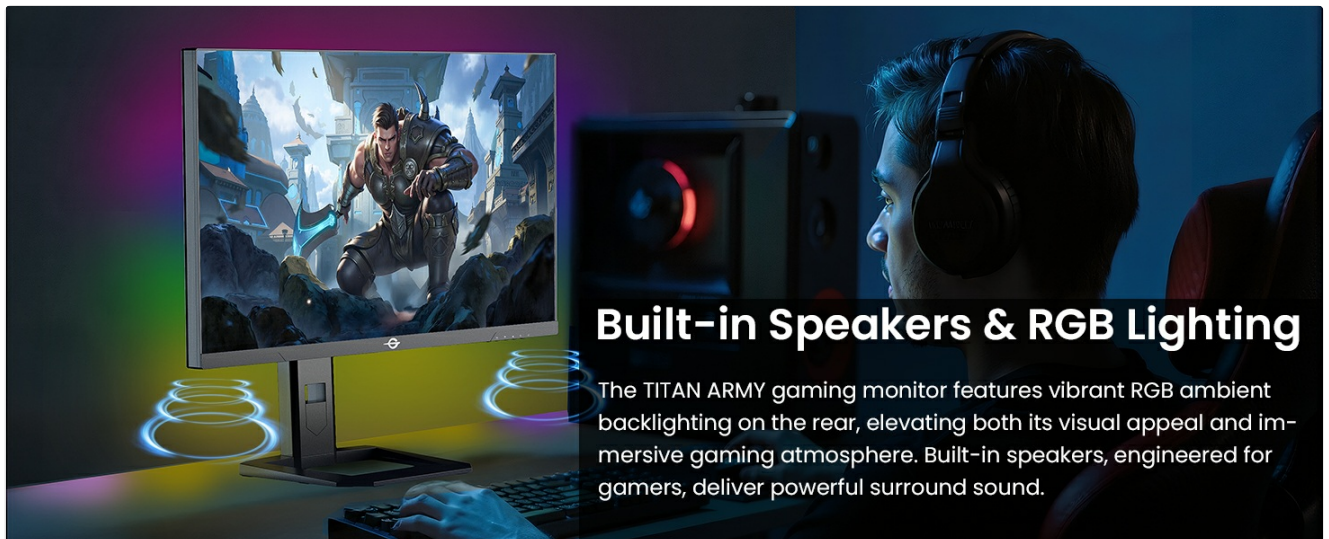


Figure 5.8: Built-in speakers and RGB lighting.

- **Ambient Light Intelligence:** The monitor can automatically adjust its brightness based on the surrounding ambient light conditions.



Figure 5.9: Ambient light sensor for automatic brightness adjustment.

- **Gaming Enhancements:**
 - **Adaptive-Sync:** Reduces screen tearing and stuttering for smoother gameplay.
 - **OD Overclocking:** Optimizes response time for reduced motion blur.
 - **Shadow Balance:** Adjusts gamma levels in dark areas to improve visibility without overexposing bright areas.
 - **Black Hole Visual Technology (DyDs/ULL, DyDs/LD):** Reduces backlight latency and motion blur, and enhances contrast with local dimming.
 - **AI Eagle Eye Magnification & AI Assist Crosshair:** Provides in-game visual aids for improved targeting.

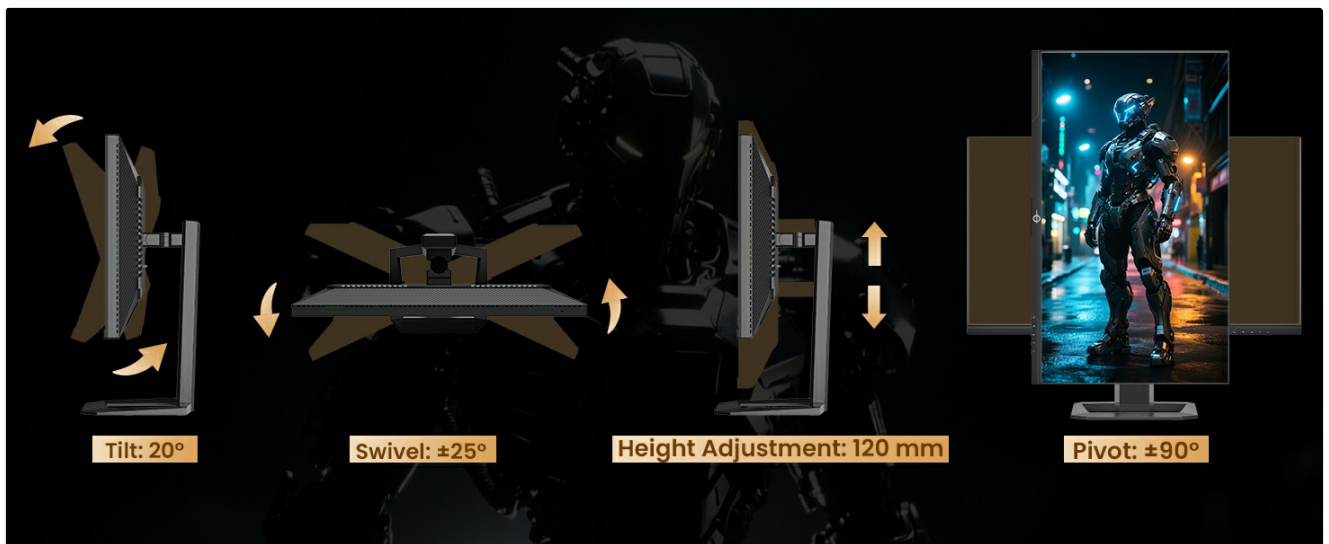


Figure 5.10: Adaptive-Sync for tear-free gaming.



Figure 5.11: OD Overclocking for reduced motion blur.

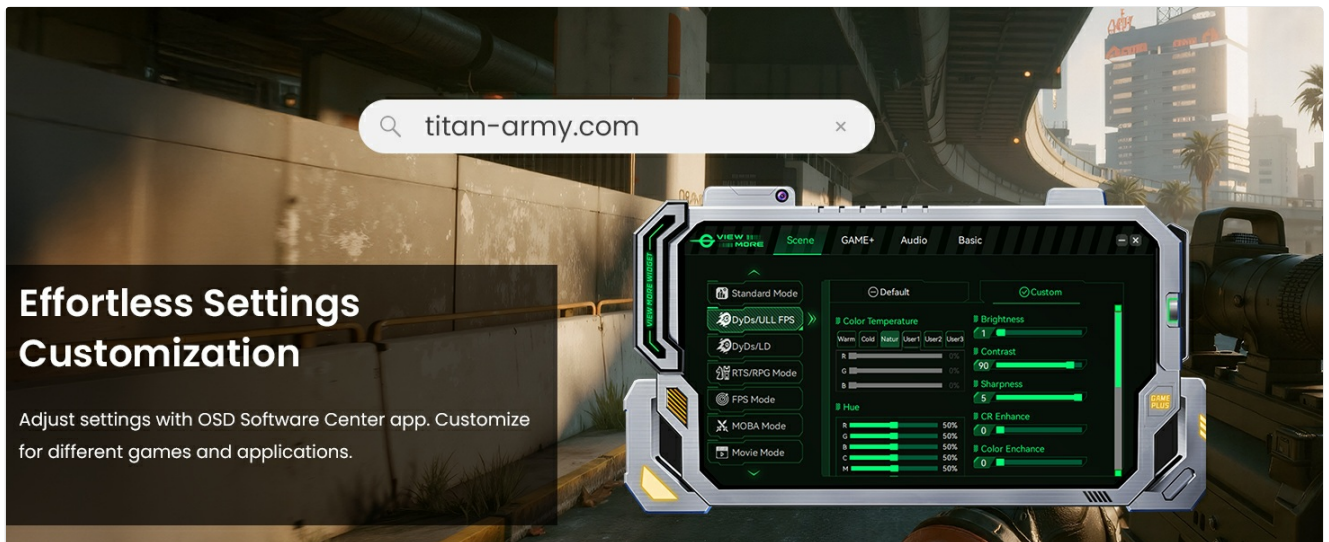


Figure 5.12: Shadow Balance for improved visibility in dark scenes.



Figure 5.13: AI Eagle Eye Magnification and AI Assist Crosshair.

6. MAINTENANCE

6.1 Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner. Avoid using alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

For the monitor casing, use a soft, dry cloth. Do not spray cleaning solutions directly onto the monitor.

6.2 Storage

If storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place, preferably in its original packaging to protect it from dust and physical damage.

7. TROUBLESHOOTING

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

- **No Power:**

- Ensure the power cable is securely connected to the monitor and the power outlet.
- Verify the power outlet is functioning by plugging in another device.
- Check the power adapter for any visible damage.

- **No Signal:**

- Confirm that the video cable (HDMI, DP, or USB-C) is securely connected to both the monitor and your source device.
- Ensure the correct input source is selected in the monitor's OSD menu.
- Try a different video cable or port on both the monitor and the source device.
- Verify that your source device is powered on and outputting a signal.

- **Image Flickering or Distortion:**

- Check the video cable connections.
- Adjust the refresh rate settings on your computer.
- Disable Adaptive-Sync in the OSD menu to see if the issue persists.

- Update your graphics card drivers.

• **Dead Pixels or Bright Spots:**

- While rare, a small number of non-functioning pixels is common in LCD/LED technology and typically not considered a defect. Refer to the warranty policy for specific pixel defect criteria.

• **Sound Issues:**

- Ensure the monitor's volume is not muted or set too low in the OSD menu.
- Check the audio output settings on your computer.
- If using external speakers/headphones, ensure they are properly connected to the audio out port.

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

8. SPECIFICATIONS

Feature	Specification
Model Number	P275MV Plus
Screen Size	27 inches
Panel Type	Mini LED (Fast IPS)
Resolution (4K Mode)	3840 x 2160 @ 160Hz
Resolution (FHD Mode)	1920 x 1080 @ 320Hz
Aspect Ratio	16:9
Brightness	1000 nits (peak)
HDR Support	HDR1000, VESA DisplayHDR 1000 Certified
Color Gamut	153% sRGB, 99% DCI-P3
Color Depth	10-bit
Delta E	<2
Dimming Zones	1152 (QD-Mini LED)
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4, 1x Type-C (65W PD), 2x USB-A, 1x USB-B (upstream), 1x Audio Out
Speakers	2x 3W (4Ω)
Ergonomics	Height (120mm), Tilt (-5° to 20°), Swivel (±25°), Pivot (90°)
VESA Mount	100x100mm
Product Dimensions	13.85 x 24.04 x 22.33 inches

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official TITAN ARMY website. Keep your purchase receipt as proof of purchase for warranty claims. If you require further assistance, please contact TITAN ARMY customer service.

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