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› TITAN ARMY 27-inch MiniLED Gaming Monitor P275MV-A User Manual

TITAN ARMY P275MV-A

TITAN ARMY 27-inch MiniLED Gaming Monitor P275MV-A User Manual

Model: P275MV-A

1. INTRODUCTION

Thank you for purchasing the TITAN ARMY P275MV-A 27-inch MiniLED Gaming Monitor. This monitor is designed to deliver an immersive visual experience with advanced display technologies. It features a 27-inch IPS panel with Quantum Dot MiniLED backlight, offering a high resolution of 4K (3840x2160) at 144Hz and a dual mode for FHD (1920x1080) at 288Hz. The monitor supports HDR1000 with 1152 local dimming zones, providing vibrant colors and deep blacks. It also includes multiple connectivity options and ergonomic adjustments for enhanced user comfort.



Figure 1.1: Front view of the TITAN ARMY P275MV-A monitor.

2. SAFETY INFORMATION

Please read all instructions carefully before using this product. Retain this manual for future reference.

- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- TITAN ARMY P275MV-A Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- DisplayPort Cable

- HDMI Cable
- USB-B to USB-A Cable (for USB hub functionality)
- User Manual
- Calibration Report

4. SETUP

4.1. Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping the screen protected.
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 thumb screw.



Figure 4.1: Stand assembly diagram.

4.2. VESA Mount Installation (Optional)

The monitor supports a 100x100mm VESA mount. If using a VESA mount, ensure the screws are of appropriate length (e.g., M4x12mm) as standard M4x10mm screws may be too short for some monitor arms.

4.3. Connecting to a Computer

Connect the monitor to your computer using either the DisplayPort or HDMI 2.1 cable. The monitor features two DisplayPort inputs and two HDMI 2.1 inputs.

- For 4K resolution at 144Hz, use either DisplayPort or HDMI 2.1.
- For FHD resolution at 288Hz (Dual Mode), use either DisplayPort or HDMI 2.1.

QD-MiniLED

1152 ゾーン ローカルディミング
DC 調光対応



HDR1000

最大輝度 1000nits
ブラックレベル 0.02nits



デュアルモード

4K@144Hz ↔ FHD@288Hz



99% DCI-P3

CIE1976 色域カバー率



可動式スタンド

自由自在にポジションを調節可能



上下昇降

120mm



スワイベル

±25°



ピボット

90°



チルト

-5°~+20°

13 種のモード設定

多数のプリセットから手軽に設定可能

Game+

より見やすく、ゲームプレイを支援する
様々なアシスト機能を搭載



Figure 4.2: Rear ports of the monitor.

4.4. Power Connection

Connect the power adapter to the monitor's power input, then plug the power cable into a wall outlet.

5. OPERATING INSTRUCTIONS

5.1. OSD Menu Navigation

The On-Screen Display (OSD) menu is controlled by buttons located on the bottom right of the monitor. Press any button to activate the OSD, then use the directional buttons to navigate and the center button to select.

4K@144Hz ⇌ FHD@288Hz デュアルモード

超高精細な 4K(3840x2160)@144Hz 表示と
超高リフレッシュレート FHD(1920x1080)@288Hz 表示を
切り替えることで、ゲームカテゴリやプレイスタイルに合わせて
最適なパフォーマンスを発揮します。




量子ドット
QD-MiniLED

ローカルディミングアレイ
Local Dimming Array

 ±2.5 %	駆動電流精度 精密な制御技術
 1152 ゾーン	ローカルディミング ムラのない細やかなコントラスト表現
 DC 調光	フリッカーフリー ちらつきを抑え目の負担を軽減



Figure 5.1: Monitor control buttons.

5.2. Dual Mode (4K@144Hz / FHD@288Hz)

This monitor supports a unique dual mode, allowing you to switch between 4K (3840x2160) at 144Hz for high-fidelity visuals and FHD (1920x1080) at 288Hz for ultra-high refresh rate gaming. To activate or switch modes, navigate to the 'Game+' function settings in the OSD menu and select 'AI Dual Mode'.



Figure 5.2: Dual Mode functionality.

5.3. HDR1000 and Local Dimming

The monitor features HDR1000 support with 1152 local dimming zones, providing a peak brightness of 1000 nits and a minimum black level of 0.02 nits for superior contrast and color accuracy. Ensure HDR is enabled in your operating system or game settings for optimal performance.



Figure 5.3: HDR1000 and Local Dimming.

5.4. 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. PBP divides the screen into two halves, while PIP displays a smaller window from a second source over the main display. These settings can be configured via the OSD menu.



Figure 5.4: PBP and PIP modes.

5.5. Ergonomic Stand Adjustments

The included stand offers various ergonomic adjustments for optimal viewing comfort:

- **Height Adjustment:** Up to 120mm.
- **Tilt:** -5° to 20°.
- **Swivel:** ±25°.
- **Pivot:** 90° (for portrait mode).



Figure 5.5: Ergonomic stand adjustments.

6. MAINTENANCE

6.1. 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. Do not spray liquid directly onto the screen.

6.2. Cleaning the Casing

Wipe the monitor casing with a soft, dry cloth. Avoid using abrasive cleaners or solvents that may damage the finish.

7. 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; Select correct input source via OSD.
Image is blurry or distorted	Incorrect resolution or refresh rate; Video cable issue.	Adjust display settings on your computer; Try a different video cable.
Screen flickering	Refresh rate instability (especially at 288Hz); Cable issue; Graphics card driver issue.	Try setting a slightly lower refresh rate (e.g., 240Hz) in Windows display settings; Update graphics drivers; Ensure DC Dimming is enabled in OSD.
Local Dimming artifacts (e.g., halo effect)	Local Dimming setting too high for certain content.	Adjust Local Dimming level in OSD or disable it if preferred for specific use cases.
Difficulty navigating OSD menu	Unfamiliarity with button controls.	Refer to section 5.1 for OSD navigation; Consider using the manufacturer's OSD software if available for PC control.
No audio output from monitor	Monitor does not have built-in speakers; Incorrect audio output device selected on PC.	Connect external speakers or headphones to your PC or the monitor's audio output jack (if available and compatible with 4-pole plugs); Select the correct audio output device in your operating system.

8. SPECIFICATIONS

- Brand: TITAN ARMY
- Model Number: P275MV-A
- Screen Size: 27 inches
- Panel Type: IPS with Quantum Dot MiniLED
- Resolution: 4K UHD (3840 x 2160)
- Refresh Rate: 144Hz (4K), 288Hz (FHD Dual Mode)
- HDR Support: HDR1000
- Local Dimming Zones: 1152

Brightness: Max 1000 nits

Black Level: Min 0.02 nits

Color Gamut: 99% DCI-P3, 99% Adobe RGB

Aspect Ratio: 16:9

Surface: Non-glare

Connectivity: 2 x DisplayPort, 2 x HDMI 2.1

Ergonomics: Height, Tilt, Swivel, Pivot

VESA Mount: 100x100mm

Weight: 7.9 kg

Dimensions (W x H x D): 61.4 x 51.8 x 22.9 cm

9. WARRANTY INFORMATION

This product is covered by a limited manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical support, troubleshooting assistance, or service inquiries, please contact TITAN ARMY customer support. Contact information can typically be found on the manufacturer's official website or on the warranty card.

You may also visit the [TITAN ARMY Brand Store on Amazon](#) for additional product information and resources.

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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