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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

## INTRODUCTION

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This manual provides 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.

## PACKAGE CONTENTS

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Verify that all items listed below are present in your product packaging:

- TITAN ARMY P275MV Plus Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable
- DisplayPort Cable
- USB-C Cable
- USB-B to USB-A Cable
- User Manual (this document)
- Screws for stand assembly

## SETUP

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### Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel using the provided screws.
3. Secure the stand base to the stand neck with the designated screws.
4. Place the assembled monitor on a stable, flat surface.

## Connecting the Monitor

The monitor offers various connectivity options. Ensure your source device is compatible with the chosen port.

- **Power Connection:** Connect the power adapter to the monitor's power input and then to a power outlet.
- **Video Input:**
  - **HDMI:** Use an HDMI 2.1 cable to connect your device to one of the monitor's HDMI 2.1 ports.
  - **DisplayPort:** Use a DisplayPort 1.4 cable to connect your device to the monitor's DisplayPort 1.4.
  - **USB-C:** Connect a compatible USB-C cable from your device to the monitor's Type-C port for video, data, and power delivery (up to 65W).
- **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 ports for peripherals.
- **Audio Output:** Connect headphones or external speakers to the 3.5mm audio output jack.



Image: Rear view of the TITAN ARMY P275MV Plus monitor, highlighting the HDMI 2.1 (x2), DisplayPort 1.4 (x1), USB-C (x1), USB-A (x2), USB-B (x1), and audio output ports. This illustrates the versatile connectivity options available.

## OPERATING INSTRUCTIONS

## Powering On/Off

Press the power button, typically located on the back or bottom of the monitor, to turn it on or off. An indicator light will confirm the power status.

## On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick or buttons (refer to your monitor's physical layout) to navigate the menu.

### Key OSD Settings

- **Input Source:** Select between HDMI 1, HDMI 2, DisplayPort, or USB-C.
- **Picture Settings:** Adjust brightness, contrast, sharpness, color temperature, and HDR mode.
- **Audio Settings:** Control volume for built-in speakers or audio output.
- **Gaming Settings:** Enable/disable FreeSync, adjust response time, and activate crosshair overlays.
- **System Settings:** Language, OSD timeout, and factory reset.

### Dual Mode Switching (4K 160Hz / FHD 320Hz)

This monitor features an exclusive dual-mode display technology. You can switch between a high-resolution 4K 160Hz mode and a high-refresh-rate FHD 320Hz mode for different gaming experiences.

To switch modes, access the OSD menu and navigate to the "Display Mode" or "Resolution/Refresh Rate" setting. Select your desired mode based on your application.

# Zwei Modi, 3A/FPS Ein-Klick-Wechsel

4K/160Hz



FHD/320Hz



4K/160Hz



FHD/320Hz

Image: A visual representation of the monitor's dual mode feature, showing a 4K 160Hz scene on one side and an FHD 320Hz scene on the other, emphasizing the ability to switch between high resolution and high refresh rate.

## Ergonomic Adjustments

The monitor stand allows for various adjustments to optimize your viewing experience and reduce strain.

- **Height Adjustment:** Adjust the monitor height by up to 120mm by gently pushing or pulling the monitor panel up or down.
- **Tilt:** Tilt the screen from  $-5^{\circ}$  to  $20^{\circ}$  forward or backward to find your preferred viewing angle.
- **Swivel:** Swivel the monitor horizontally from  $-25^{\circ}$  to  $25^{\circ}$  to share your screen or adjust your position.
- **Pivot:** Rotate the screen  $90^{\circ}$  to switch between landscape and portrait modes, useful for coding or document viewing.



Image: A diagram illustrating the monitor's ergonomic capabilities, including tilt (20°), swivel ( $\pm 25^\circ$ ), height adjustment (120mm), and pivot ( $\pm 90^\circ$  rotation for portrait mode).

## FEATURES

### QD-Mini LED Technology

The monitor utilizes advanced QD-Mini LED technology with 1152 independent dimming zones. This precise light control significantly enhances contrast, brightness, and dynamic range, resulting in deeper blacks, brighter highlights, and a more immersive visual experience with reduced halo effects.

# QD-Mini LED

1152-Zonen-Dimmung, präzise Lichtsteuerung, verbesserter Kontrast, reduzierter Halo-Effekt



Image: An exploded view diagram showcasing the QD-Mini LED backlight structure with 1152 independent dimming zones, demonstrating how precise light control improves contrast and reduces halo effects.

## HDR1000 Support

With HDR1000 compatibility, the monitor delivers a wider range of colors and contrast, making scenes appear more vibrant and realistic. This feature enhances both bright and dark areas of the image, providing greater detail and depth.

# HDR 1000 Unterstützung



Image: A side-by-side comparison of a gaming scene, with one side showing the image rendered with HDR1000 and the other with standard dynamic range (SDR), illustrating the significant improvement in color depth and contrast provided by HDR1000.

## True Color Reproduction

The monitor offers 153% sRGB color gamut coverage and professional color calibration with a  $\Delta E < 2$ , ensuring accurate and vibrant color reproduction for both gaming and professional tasks. It supports 10-bit color depth for smoother gradients.

# Naturgetreue Farbwiedergabe



sRGB 153%



10 bit



DeltaE < 2

Image: A dynamic image of a race car on a track, accompanied by icons indicating 153% sRGB coverage, 10-bit color depth, and a DeltaE < 2 for professional color accuracy, demonstrating the monitor's true color reproduction capabilities.

## Additional Features

- **Built-in Speakers:** Two 3W speakers provide integrated audio output.
- **RGB Lighting:** Customizable 7-color RGB lighting effects are located on the monitor's rear panel.
- **Ambient Light Detection:** Automatically adjusts screen brightness based on the surrounding light conditions for optimal viewing comfort.
- **KVM Functionality:** Allows control of multiple computers with a single keyboard, video, and mouse setup when connected via USB-C and USB-B.
- **VESA Mount:** 100x100mm VESA compatible for alternative mounting solutions such as wall mounts or monitor arms.

## MAINTENANCE

### 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-ammonia, non-alcohol based screen cleaner. **Do not spray cleaner directly onto the screen.**

To clean the monitor casing, use a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish.

## Storage

When storing the monitor for an extended period, ensure it is powered off and disconnected from all cables. Store it in a cool, dry place, preferably in its original packaging to protect it from dust and physical damage.

## TROUBLESHOOTING

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### Common Issues and Solutions

- **No Power:**
  - Ensure the power cable is securely connected to both the monitor and the power outlet.
  - Verify the power outlet is functional by testing it with another device.
  - Check if the power adapter is working correctly.
- **No Signal:**
  - Confirm the video cable (HDMI, DisplayPort, USB-C) is securely connected to both the monitor and your computer/device.
  - Select the correct input source via the OSD menu.
  - Ensure your computer/device is powered on and outputting a signal.
  - Try a different video cable or port on the monitor/device.
- **Image Flickering or Distortion:**
  - Check the video cable for damage or loose connections.
  - Adjust the refresh rate in your computer's display settings to match the monitor's capabilities.
  - Disable FreeSync in the OSD menu if issues persist.
  - Update your graphics card drivers to the latest version.
- **Colors are Incorrect or Washed Out:**
  - Reset picture settings to default in the OSD menu.
  - Adjust color temperature and gamma settings in the OSD.
  - Ensure HDR mode is correctly configured on both the monitor and your device.
  - Verify the color depth setting in your operating system.
- **Sound Issues:**
  - Check the monitor's volume in the OSD menu.
  - Ensure your computer's audio output is set to the monitor.
  - If using external speakers/headphones, ensure they are properly connected to the audio output jack.

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

## SPECIFICATIONS

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### Technical Specifications

| Feature      | Specification |
|--------------|---------------|
| Brand        | TITAN ARMY    |
| Model Number | P275MV PLUS   |

|                        |   |
|------------------------|---|
| Screen Size            | 27 Inches   |
| Panel Type             | IPS   |
| Display Type           | LCD with QD-Mini LED Backlight  |
| Resolution (Dual Mode) | 4K UHD (3840 x 2160) @ 160Hz / FHD (1920 x 1080) @ 320Hz                                  |
| Response Time          | 1 Millisecond   |
| Contrast Ratio         | 2000:1  |
| HDR Support            | HDR1000   |
| Color Gamut            | 153% sRGB, DeltaE<2   |
| Connectivity           | 2x HDMI 2.1, 1x DisplayPort 1.4, 1x USB Type-C (65W PD), 2x USB-A, 1x USB-B, 1x Audio Out |
| Speakers               | 2x 3W   |
| VESA Mount             | 100 x 100 mm  |
| Ergonomics             | Height (120mm), Tilt (-5° to 20°), Swivel (-25° to 25°), Pivot (90°)                      |
| Dimensions (D x W x H) | 8.98"D x 24.17"W x 20.35"H  |

## WARRANTY AND SUPPORT

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### Warranty Information

Please refer to the warranty card included with your product or visit the official TITAN ARMY website for detailed warranty terms and conditions. Keep your proof of purchase for all warranty claims.

### Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact TITAN ARMY customer support. Contact information can typically be found on the official website or in the product packaging.