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› HP /

› HP 27-inch Full HD IPS Monitor (Model HPM27HUB) User Manual

HP HPM27HUB

HP 27-inch Full HD IPS Monitor (Model HPM27HUB) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your HP 27-inch Full HD IPS Monitor, model HPM27HUB. This monitor features a 27-inch IPS panel with Full HD (1920 x 1080) resolution at a 75Hz refresh rate, AMD FreeSync technology, and Eye-safe certified low blue light mode for enhanced viewing comfort. It is designed with sustainability in mind, incorporating 85% recycled materials.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with setup:

- HP 27-inch Full HD IPS Monitor (HPM27HUB)
- Monitor Stand (Base and Neck)
- HDMI Cable
- VGA Cable
- AC Power Cord
- Documentation (Quick Setup Guide, Warranty Information)
- Doczform USB Dock (Special Edition Portable Data Hub)



Image 2.1: Front view of the HP 27-inch monitor with the Doczform Dock.

3. SETUP INSTRUCTIONS

3.1. Assembling the Monitor Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
3. Attach the stand base to the stand neck. Tighten any screws if provided, typically by hand or with a coin.
4. Gently lift the monitor and place it upright on a stable surface.



Image 3.1: Angled view of the assembled HP 27-inch monitor.

3.2. Connecting to a Computer

The monitor supports both HDMI and VGA connections.

1. **Power Connection:** Connect the AC power cord to the monitor's power input and then to a wall outlet.
2. **Video Connection (Choose one):**
 - **HDMI:** Connect one end of the HDMI cable to an HDMI port on your computer and the other end to one of the two HDMI 1.4 ports on the monitor.
 - **VGA:** Connect one end of the VGA cable to the VGA port on your computer and the other end to the VGA port on the monitor.
3. **Doczform USB Dock:** Connect the Doczform USB Dock to an available USB port on your computer for data transfer.



Image 3.2: Rear view of the monitor displaying the power, VGA, and HDMI ports.

3.3. Initial Power On

Press the power button located on the bottom right of the monitor to turn it on. The monitor will automatically detect the active input source.

4. OPERATING THE MONITOR

4.1. On-Screen Display (OSD) Controls

The monitor features on-screen controls accessible via buttons located on the bottom bezel. These controls allow you to adjust various settings such as brightness, contrast, color, input source, and OSD language.

- Press any OSD button to bring up the main menu.
- Use the navigation buttons to move through menu options.
- Press the select button to confirm a selection or enter a sub-menu.
- Press the exit button to close the OSD menu.

4.2. Adjusting the Monitor Position

The monitor stand allows for tilt adjustments to optimize your viewing angle.

- **Tilt:** Gently tilt the monitor screen forward or backward. The monitor supports a tilt range of -5 to +25 degrees.



Image 4.1: Side profile of the monitor demonstrating its tilt adjustment range.

4.3. Key Features

- **AMD FreeSync:** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering during gaming. Ensure your graphics card supports AMD FreeSync and it is enabled in your system settings.
- **Low Blue Light Mode (HP Eye Ease):** Reduces blue light emissions to minimize eye strain without compromising color accuracy. This feature is always-on and Eye-safe Certified.
- **Anti-Glare Screen:** Reduces reflections from ambient light for a more comfortable viewing experience.
- **Flicker-Free Technology:** Eliminates screen flickering to further reduce eye fatigue.

4.4. Doczorm USB Dock

The included Doczorm USB Dock is a portable data hub designed for super speedy data sync rates up to 5Gbps. Connect it to your computer's USB port to expand connectivity options for peripherals.

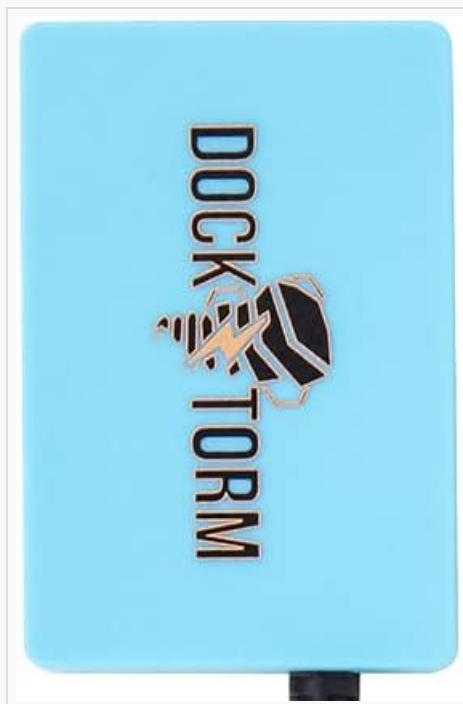


Image 4.2: The Doczorm USB Dock.

5. MAINTENANCE

5.1. Cleaning the Monitor

To maintain optimal performance and appearance, follow these cleaning guidelines:

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the screen or casing.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	Monitor is off or not receiving signal.	Ensure power cord is securely connected and monitor is turned on. Check video cable connection to both monitor and computer. Select correct input source via OSD.
Image is distorted or blurry	Incorrect resolution or refresh rate. Loose video cable.	Set display resolution to 1920 x 1080 and refresh rate to 75Hz in your computer's display settings. Ensure video cable is securely connected.
Vertical lines or unusual patterns appear	Faulty cable or graphics card issue.	Try a different video cable. Test the monitor with another computer or the computer with another display to isolate the problem. If the issue persists, contact HP Support.
OSD buttons are unresponsive	Temporary software glitch or physical button issue.	Unplug the monitor's power cord, wait 10 seconds, then plug it back in and try again. If buttons remain unresponsive, contact HP Support.
No sound (if external speakers are connected to computer)	Audio settings on computer or monitor.	Ensure audio output is correctly configured on your computer. If using HDMI, check monitor's OSD for audio settings.

7. SPECIFICATIONS

Feature	Detail
Model Number	HPM27HUB
Display Size	27 inches (68.6 cm)
Panel Type	IPS (In-Plane Switching)
Resolution	Full HD (1920 x 1080)
Refresh Rate	75 Hz
Aspect Ratio	16:9
Brightness	300 nits (typical)
Contrast Ratio	1000:1 (static), 10,000,000:1 (dynamic)
Response Time	5ms GtG (Gray-to-Gray)
Color Gamut	99% sRGB
Viewing Angles	178° horizontal, 178° vertical
Display Features	AMD FreeSync, Low Blue Light (Eye-safe Certified), Anti-glare, Flicker-free, On-screen controls
Input Ports	1 x VGA, 2 x HDMI 1.4 (with HDCP support)
Tilt Adjustment	-5 to +25 degrees
VESA Mount Compatibility	Not VESA mount compatible
Power Supply	100 - 240 VAC, 50/60 Hz
Dimensions (W x D x H, without stand)	23.93 x 1.35 x 14.01 inches (60.79 x 3.42 x 35.6 cm)
Weight (with stand)	7.05 lb (3.2 kg)

8. WARRANTY AND SUPPORT

8.1. Product Warranty

Your HP monitor is covered by a limited warranty. Please refer to the warranty documentation included in your product packaging for specific terms and conditions, including warranty period and coverage details. Keep your proof of purchase for warranty claims.

8.2. Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact HP Customer Support. You can find contact information on the official HP website or in the documentation provided with your monitor.

HP Official Website: www.hp.com/support

