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> HP 324pe 24" Class Full HD LCD Monitor User Manual

HP 324pe (B1GM5AA#ABA)

HP 324pe 24" Class Full HD LCD Monitor User Manual

Model: 324pe (B1GM5AA#ABA) | Brand: HP

1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your HP 324pe 24" Class Full HD LCD Monitor. Designed for everyday tasks, this energy-efficient monitor offers a 23.8-inch FHD display with IPS technology, a 100 Hz refresh rate, and integrated speakers, ensuring a comfortable and productive viewing experience. Please read this manual thoroughly before using your monitor.



Figure 1.1: Front angled view of the HP 324pe monitor, showcasing its slim bezels and stand.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- HP Series 3 Pro 23.8 inch FHD Monitor - 324pe (B1GM5AA)
- DisplayPort Cable
- HDMI Cable
- Warranty Card
- AC Power Cable
- Quick Setup Poster

3. SETUP

3.1 Assembling the Monitor

Carefully remove the monitor and its components from the packaging. Attach the stand base to the stand column, then

attach the assembled stand to the back of the monitor panel. Ensure all connections are secure.



Figure 3.1: Rear view of the HP 324pe monitor, showing the stand attachment point and input ports.

3.2 Connecting the Monitor

1. **Power Connection:** Connect the AC power cable to the monitor's power input and then to a wall outlet.
2. **Video Connection:**
 - For optimal performance, use the provided DisplayPort cable to connect the monitor to your computer's DisplayPort output.
 - Alternatively, use the provided HDMI cable to connect the monitor to your computer's HDMI output.
3. **Audio Connection (Optional):** The monitor has built-in speakers. No separate audio cable is needed if using HDMI or DisplayPort, as audio is transmitted digitally through these cables.

3.3 Ergonomic Setup

The HP 324pe monitor features 4-way adjustability (height, tilt, swivel, pivot) to help you achieve an ideal viewing position. Utilize the Ergonomic Setup Guide available via HP Display Center software for step-by-step guidance on fine-tuning your display for optimal comfort and productivity.

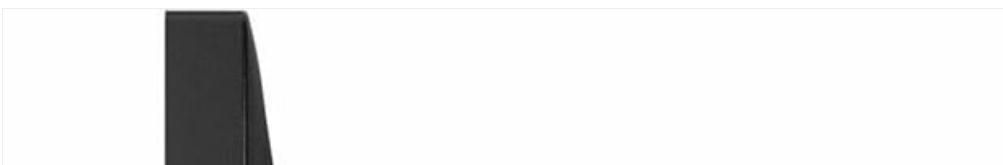






Figure 3.2: Side view of the HP 324pe monitor, illustrating its adjustable stand for ergonomic positioning.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press the power button located on the monitor's bezel to turn the monitor on or off. The power indicator light will illuminate when the monitor is active.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings such as brightness, contrast, color, input source, and audio volume. Navigate the OSD menu using the buttons typically located on the bottom or rear of the monitor. Refer to the Quick Setup Poster for specific button functions.

4.3 Input Selection

If you have multiple devices connected to the monitor, use the OSD menu or a dedicated input selection button to switch between DisplayPort and HDMI inputs.

4.4 Audio Control

Adjust the volume of the built-in 2W speakers through the OSD menu or your computer's audio settings.

5. KEY FEATURES

- **Full HD (FHD) Resolution:** Enjoy sharp visuals and crystal-clear images with a 1920 x 1080 resolution on the 23.8-inch diagonal screen.
- **IPS Technology:** Experience accurate and consistent image quality across wide 178-degree horizontal and vertical viewing angles, ensuring clarity from almost any position.
- **100 Hz Refresh Rate:** Benefit from smooth motion and clear details, allowing for fast split-second reaction times, ideal for dynamic content.
- **Built-In Dual 2W Speakers:** Enhance your multimedia experience with integrated stereo speakers, providing clear audio without the need for external speakers.
- **4-Way Adjustability:** Customize your viewing comfort with height, tilt, swivel, and pivot adjustments.
- **HP Eye Ease:** An always-on hardware low-blue light filter that reduces eye strain without impacting color accuracy, promoting comfortable extended use.
- **Streamlined Design:** Features neat cable management and a 3-sided borderless design, perfect for clean dual monitor setups.



Figure 5.1: Front view of the HP 324pe monitor, highlighting its borderless design and integrated HP logo.

6. SPECIFICATIONS

Feature	Specification
Product Dimensions	24 x 5 x 16 inches
Item Weight	13.5 pounds
Manufacturer	Hewlett Packard
ASIN	B0FF21YVF5
Item Model Number	B1GM5AA#ABA
Date First Available	June 21, 2025
Standing Screen Display Size	23.8 Inches
Aspect Ratio	16:9
Resolution	1920 x 1080 Pixels (FHD 1080p)
Image Brightness	856.5 lm (250 Nit typical)

Feature	Specification
Brand	HP
Panel Technology	In-plane Switching (IPS) Technology
Image Contrast Ratio	1,000:1 (Static Contrast Ratio)
Refresh Rate	100 Hz
Response Time	5 ms
Speakers	Built-in Dual 2W Speakers

7. MAINTENANCE

7.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet 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.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as these can damage the screen or casing.

7.2 General Care

- Keep the monitor away from direct sunlight, excessive heat, or humidity.
- Ensure proper ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

8. TROUBLESHOOTING

Problem	Possible Solution
No power / Power indicator off	<ul style="list-style-type: none"> ◦ Ensure the power cable is securely connected to the monitor and a working power outlet. ◦ Check if the power outlet is functional by plugging in another device.
No signal / "No Input" message	<ul style="list-style-type: none"> ◦ Verify that the video cable (HDMI or DisplayPort) is securely connected to both the monitor and the computer. ◦ Ensure the correct input source is selected on the monitor's OSD menu. ◦ Check if the computer is powered on and not in sleep mode.
Image is blurry or distorted	<ul style="list-style-type: none"> ◦ Ensure the monitor's resolution is set to its native resolution (1920 x 1080) in your computer's display settings. ◦ Adjust the monitor's refresh rate to 100 Hz in your computer's display settings. ◦ Check the video cable for damage or loose connections.

Problem	Possible Solution
No sound from speakers	<ul style="list-style-type: none">◦ Ensure the monitor's volume is not muted or set too low in the OSD menu.◦ Check your computer's audio output settings to ensure the monitor is selected as the playback device.◦ Verify that the HDMI or DisplayPort cable is properly connected, as these carry audio.

9. WARRANTY AND SUPPORT

Your HP 324pe monitor comes with a limited warranty. Please refer to the **Warranty Card** included in the box for detailed terms and conditions, including warranty period and coverage.

For technical support, driver downloads, or further assistance, please visit the official HP support website or contact HP customer service.