

[Manuals.plus](#) /

> [HP](#) /

> HP 24x 23.8-inch FHD Gaming Monitor User Manual

HP 24x

HP 24x 23.8-inch FHD Gaming Monitor User Manual

Model: 24x

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your new HP 24x 23.8-inch FHD Gaming Monitor. Designed for an immersive gaming experience, this monitor features a 144Hz refresh rate, 1ms response time, and AMD FreeSync™ technology for smooth, tear-free visuals. It also includes integrated speakers and a highly adjustable stand for optimal comfort.

Please read this manual thoroughly before using the monitor to ensure safe and efficient operation.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to your monitor:

- **Power Source:** Use only the power adapter supplied with the monitor. Ensure the power outlet is properly grounded.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow.
- **Liquid Exposure:** Keep the monitor away from liquids. Do not expose it to rain or moisture.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth. Avoid abrasive cleaners.
- **Handling:** Handle the monitor with care. Avoid dropping or subjecting it to strong impacts.
- **Repairs:** Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the box:

- HP 24x 23.8-inch FHD Gaming Monitor

- Monitor Stand (Base and Riser)
- Power Cable
- HDMI Cable
- Documentation (Quick Setup Guide, Warranty Card)



Figure 3.1: HP 24x Gaming Monitor, front view.

This image shows the HP 24x monitor from a slight angle, displaying a gaming scene with a robot in a desert environment. The monitor has a slim bezel and a sturdy black stand.

4. SETUP

4.1 Assembling the Stand

1. Place the monitor screen face down on a soft, clean surface to prevent scratches.
2. Attach the riser to the back of the monitor until it clicks into place.
3. Attach the base to the riser and secure it, typically with a thumb screw or by clicking it into place.

4.2 Connecting the Monitor

1. Connect one end of the HDMI cable to the HDMI port on your computer's graphics card.
2. Connect the other end of the HDMI cable to the HDMI input port on the HP 24x monitor.
3. Connect the power cable to the monitor's power input, then plug the other end into a grounded electrical outlet.



Figure 4.1: Rear view of the HP 24x Gaming Monitor with ports.

This image displays the HP 24x monitor from a rear-side angle, highlighting the connectivity ports located on the back panel, including the HDMI input and power input.

4.3 Initial Power On

Press the power button located on the monitor to turn it on. The monitor should automatically detect the input signal from your computer. If no image appears, ensure all cables are securely connected and your computer is powered on.

5. OPERATING THE MONITOR

5.1 Adjusting Monitor Settings (OSD Menu)

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the buttons on the monitor's bezel (usually on the bottom right or rear) to navigate the OSD menu.

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Control:** Modify color temperature, RGB levels, or select preset color modes.
- **Image Control:** Adjust sharpness, aspect ratio, and input selection.
- **Gaming Features:** Access settings for FreeSync, response time (Overdrive), and refresh rate display.
- **Audio:** Control volume for the integrated speakers.

5.2 Setting Refresh Rate and Adaptive Sync

To fully utilize the 144Hz refresh rate and AMD FreeSync™ technology:

1. **For Windows:** Right-click on your desktop, select 'Display settings', then 'Advanced display settings'. Choose your monitor and click 'Display adapter properties'. Go to the 'Monitor' tab and select '144 Hertz' from the 'Screen refresh rate' dropdown.
2. **For AMD FreeSync™:** Ensure FreeSync is enabled in the monitor's OSD menu. Then, open your AMD Radeon Software and enable FreeSync (or AMD FreeSync Premium) for your display. This technology also works with NVIDIA graphics cards that support Adaptive-Sync.

5.3 Physical Adjustments

The HP 24x monitor stand offers ergonomic adjustments for optimal viewing comfort:

- **Height Adjustment:** Gently push or pull the monitor up or down along the stand.
- **Tilt:** Tilt the screen forward or backward to adjust the vertical viewing angle.
- **Swivel:** Rotate the monitor left or right on its base.
- **Pivot:** Rotate the screen 90 degrees for portrait or landscape orientation.



Figure 5.1: HP 24x Gaming Monitor with adjustable stand.

This image shows the HP 24x monitor from a front-facing perspective, highlighting its adjustable stand which allows for height, tilt, swivel, and pivot adjustments, including a portrait orientation.

6. MAINTENANCE

6.1 Cleaning the Monitor

To clean the monitor, first disconnect the power cord. Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner. Do not spray liquid directly onto the screen or monitor casing. Avoid using benzene, thinner, or any volatile solvents, as they may damage the surface.

6.2 Storage

If storing the monitor for an extended period, place it in its original packaging or a suitable protective container. Store in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your HP 24x monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet faulty.	Ensure power cable is securely connected to monitor and outlet. Test outlet with another device.
No signal / Blank screen	Video cable not connected; incorrect input selected; computer not powered on.	Check HDMI cable connection. Press monitor's input select button to cycle inputs. Ensure computer is on and not in sleep mode.
Image blurry or distorted	Incorrect resolution or refresh rate; cable issue.	Set display resolution to 1920x1080 and refresh rate to 144Hz in your computer's display settings. Try a different HDMI cable.
Screen tearing (horizontal lines)	FreeSync not enabled or not working.	Ensure FreeSync is enabled in monitor OSD and graphics card software. Update graphics drivers.
No audio from integrated speakers	Volume too low; audio output not set to monitor; faulty speakers.	Increase monitor volume via OSD. In computer sound settings, select the monitor as the output device. If issue persists, contact support.

8. SPECIFICATIONS

Feature	Specification
Model Number	24x
Screen Size	23.8 Inches
Resolution	1920 x 1080 (FHD 1080p)
Refresh Rate	144Hz
Response Time	1ms
Adaptive Sync Technology	AMD FreeSync™ (NVIDIA Adaptive-Sync compatible)
Aspect Ratio	16:9
Panel Type	TN (from review inference)
Connectivity	HDMI (Input)
Speakers	Integrated
Color	Black
Item Weight	13.4 pounds
Product Dimensions (LxWxH)	2 x 3 x 2 inches <i>(Note: These dimensions may refer to packaging or a component, not the full monitor)</i>

9. WARRANTY AND SUPPORT

Your HP 24x Gaming Monitor is covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official HP support website.

For technical assistance, troubleshooting, or to inquire about repairs, please contact HP Customer Support through their official channels. Have your monitor's serial number and proof of purchase ready when contacting support.

HP Official Website: www.hp.com