

Monoprice 142771

Monoprice Dark Matter 27-inch 165Hz Gaming Monitor User Manual

Model: 142771

1. INTRODUCTION

This manual provides instructions for the Monoprice Dark Matter 27-inch 165Hz Gaming Monitor. This monitor features an IPS panel, a 165Hz refresh rate, and a 1920x1080p Full HD resolution. It includes Adaptive Sync technology for smooth visuals and offers multiple connectivity options, including HDMI and DisplayPort inputs.

2. SAFETY INFORMATION

- Read all instructions before operating the monitor.
- Keep the monitor away from water or damp environments.
- Do not block ventilation openings.
- Use only the power adapter provided by the manufacturer.
- Avoid placing the monitor on unstable surfaces.
- Disconnect the power cable during lightning storms or when unused for long periods.
- Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Monoprice Dark Matter 27-inch Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cable
- HDMI Cable
- User Manual (this document)



Image: Monitor side view with included power adapter and cable.

4. MONITOR OVERVIEW

Front View



Image: Front view of the monitor.

Rear View and Ports



Image: Rear view of the monitor, highlighting the VESA mount and stand attachment.



Image: Close-up of the monitor's input ports.

5. SETUP

5.1 Stand Assembly

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface.
2. Attach the stand neck to the monitor's rear panel by aligning the tabs and securing any screws if present.
3. Attach the stand base to the stand neck, ensuring it is firmly secured.
4. Place the assembled monitor on a stable, flat surface.

5.2 VESA Mounting

The monitor supports a 75x75mm VESA mount pattern. To use a wall or desk mount:

1. Remove the pre-attached stand by unscrewing it from the monitor's rear panel.
2. Attach your VESA-compatible mount to the monitor using the appropriate screws (not included).
3. Ensure the mount is securely fastened before releasing the monitor.

5.3 Connecting to a Computer

Connect the monitor to your computer using one of the following methods:

- **DisplayPort:** Connect one end of a DisplayPort cable to the DisplayPort output on your computer's graphics card and the other end to the DisplayPort input on the monitor.
- **HDMI:** Connect one end of an HDMI cable to an HDMI output on your computer's graphics card and the other end to one of the HDMI inputs on the monitor.

After connecting the video cable, connect the power adapter to the monitor's DC input and then plug the power cable into a wall outlet.

6. OPERATING THE MONITOR

6.1 Power On/Off

Press the power button, typically located on the rear or bottom of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

6.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access the OSD menu by pressing the menu button (often a joystick or a series of buttons) on the monitor. Navigate through the options using the directional controls and confirm selections.

Common OSD settings include:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature.
- **Input Select:** Choose between DisplayPort and HDMI inputs.
- **Audio:** Volume control for the audio output.
- **Gaming Features:** Overdrive, FreeSync/Adaptive Sync settings.

6.3 Key Features

- **165Hz Refresh Rate:** This monitor supports a 165Hz refresh rate, providing smoother motion and reduced input lag compared to standard 60Hz monitors. Ensure your graphics card and system settings are configured to utilize this refresh rate.

- **Adaptive Sync:** This technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a smoother gaming experience. Enable Adaptive Sync in your graphics card's control panel and the monitor's OSD menu.
- **Full HD Resolution (1920x1080p):** The monitor displays content at 1920x1080 pixels, offering clear and detailed visuals.

7. MAINTENANCE

To maintain your monitor and ensure its longevity:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are clear of dust and obstructions to prevent overheating.
- **Power Off:** Turn off the monitor when not in use for extended periods.

8. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No image on screen / Power LED off	Monitor not powered on; Power cable loose; Power outlet faulty.	Press the power button; Check power cable connections; Try a different power outlet.
No image / "No Signal" message	Video cable loose; Incorrect input selected; Computer not outputting signal.	Check video cable connections; Select the correct input via OSD; Ensure computer is on and outputting video.
Screen flickers or goes black intermittently	Loose video cable; Graphics driver issue; Monitor overheating; Faulty cable.	Ensure video cable is secure; Update graphics drivers; Ensure adequate ventilation around the monitor; Try a different video cable.
Overheating / Smoke	Blocked ventilation; Internal component issue.	Immediately unplug the monitor. Ensure ventilation is clear. Do not use the monitor if smoke is present. Contact support.
Red line or other display artifacts	Faulty panel; Graphics card issue.	Test with a different video cable and computer. If the issue persists, contact support.
Backlight turns off, requires power cycle	Power management settings; Internal fault.	Check computer's power saving settings. If issue persists, contact support.

9. SPECIFICATIONS

Feature	Specification
Model Number	142771
Screen Size	27 Inches
Panel Type	IPS
Resolution	1920 x 1080 (FHD 1080p)
Refresh Rate	165Hz
Aspect Ratio	16:9
Video Inputs	2x HDMI 1.4, 1x DisplayPort 1.2a
VESA Mount	75x75mm
Dimensions (LxWxH)	28.8 x 7.1 x 19.3 inches
Item Weight	15.77 pounds

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This Monoprice monitor is backed by a **1 Year PixelPerfect Guarantee**. This warranty covers defects in materials and workmanship under normal use for one year from the date of purchase. Please refer to Monoprice's official website for full warranty terms and conditions.

10.2 Customer Support

For technical assistance, warranty claims, or further information, please contact Monoprice Customer Support. Contact details can typically be found on the official Monoprice website or your purchase documentation.

11. VIDEO RESOURCES

No official product videos from the seller were found for this model.