Monoprice 144710

Monoprice Dark Matter 27-inch QHD Gaming Monitor (Model 144710) User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Monoprice Dark Matter 27-inch QHD Gaming Monitor, Model 144710. This monitor features a 2560x1440P resolution, 240Hz refresh rate, 1ms (GtG) response time, HDR400 support, and is compatible with FreeSync and G-SYNC technologies. It is designed to deliver a high-performance visual experience.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter and cables supplied by the manufacturer.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Avoid placing heavy objects on the power cord or monitor.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.

3. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

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

4. PRODUCT OVERVIEW

4.1 Front View

The front of the monitor features the display panel and a power indicator light, typically located at the bottom center or right.

Image: Front view of the Monoprice Dark Matter 27-inch QHD Gaming Monitor, showcasing the display panel.

4.2 Rear View & Connectivity

The rear of the monitor houses the input/output ports, VESA mounting holes, and the stand attachment point.

Image: Rear view of the monitor, illustrating the stand connection area and VESA mounting pattern.

HDMI 1   HDMI 2   DP   AUDIO   DC

DΛRK™
MΛΓΓER

Dark Matter™ by Monoprice™ 27" QHD VA Panel 240Hz 1ms (GtG)
Power Rating: 19V ⎓ 3.42A
Product No.:44710

CAUTION: HIGH VOLTAGE INSIDE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two
conditions: (1) this device may not cause harmful interference, and (2) this device must accept
any interference received, including interference that may cause undesired operation.

CAN ICES-003(B) / NMB-003(B)   MADE IN CHINA

Image: Close-up of the monitor's connectivity ports, including HDMI 1, HDMI 2, DisplayPort (DP), Audio Out, and DC power input.

4.3 Stand Features

The included stand offers ergonomic adjustments for optimal viewing comfort.

- **Height Adjustment:** Allows you to raise or lower the monitor to your preferred height.
- **Tilt Adjustment:** Enables tilting the screen forward or backward.
- **Swivel Adjustment:** Allows rotating the screen horizontally.

Image: Side view demonstrating the monitor's tilt adjustment range.

Image: Top view demonstrating the monitor's swivel adjustment range.

4.4 Control Buttons

The monitor features an On-Screen Display (OSD) joystick or buttons, typically located on the rear or bottom edge, for navigating menus and adjusting settings.

5. ASSEMBLY AND SETUP

5.1 Stand Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
3. Attach the stand base to the stand neck, typically by screwing it in from the bottom.
4. Place the assembled monitor on a stable, flat surface.

5.2 Connecting to a Computer

1. Ensure both the monitor and your computer are powered off.
2. Connect one end of the provided HDMI or DisplayPort cable to the corresponding port on your computer's graphics card.
3. Connect the other end of the cable to an available HDMI or DP port on the monitor. For optimal performance (240Hz, QHD), use the DisplayPort connection.
4. Connect the power adapter to the monitor's DC input port, then plug the power cord into a wall outlet.
5. Power on your computer, then power on the monitor.

5.3 VESA Mounting

The monitor supports VESA 75mm x 75mm mounting for use with compatible wall mounts or monitor arms.

To use a VESA mount:

1. Remove the stand from the monitor by pressing the release button (if applicable) and sliding it off.
2. Attach your VESA-compatible mount to the four screw holes on the back of the monitor using appropriate screws (not included with the monitor).
3. Follow the instructions provided with your VESA mount for installation.

6. OPERATION

6.1 Power On/Off

Press the power button/joystick on the monitor to turn it 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. Typically, pressing the joystick/button will bring up the OSD menu. Use the joystick/buttons to navigate and select options.

- **Input Select:** Choose between HDMI 1, HDMI 2, or DisplayPort.
- **Picture Settings:** Adjust brightness, contrast, sharpness, color temperature, and gamma.
- **Audio:** Control volume for the audio output.
- **OSD Settings:** Adjust OSD language, transparency, and timeout.
- **Reset:** Restore all settings to factory defaults.

6.3 Gaming Features

- **Refresh Rate:** The monitor supports up to 240Hz. Ensure your computer's display settings are configured to the desired refresh rate.
- **Response Time:** The monitor features a 1ms (GtG) response time. This setting may be adjustable within the OSD menu (e.g., Overdrive settings).
- **FreeSync/G-SYNC Compatibility:** Enable FreeSync in the monitor's OSD menu and ensure your graphics card drivers are up-to-date and FreeSync/G-SYNC is enabled in your GPU control panel (e.g., AMD Radeon Software or NVIDIA Control Panel).
- **HDR400:** Enable HDR in your operating system's display settings for compatible content.

6.4 Eye Care Features

- **Low Blue Light:** This feature reduces blue light emissions to minimize eye strain. It can typically be enabled or adjusted in the OSD menu.
- **Flicker-Free Technology:** The monitor is designed to reduce screen flickering, contributing to a more comfortable viewing experience.

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 specialized screen cleaner.
- Do not use abrasive cleaners, waxes, or solvents.
- Avoid spraying liquid directly onto the screen or into any openings.

7.2 Storage

If storing the monitor for an extended period, disconnect all cables, pack it in its original packaging (if available), and store it in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; Monitor power button off	Check power cord connections; Test outlet with another device; Press monitor power button
No signal	Video cable not connected; Incorrect input selected; Computer not outputting signal	Check video cable connections; Select correct input via OSD; Restart computer; Update graphics drivers
Image too dark/bright	Brightness/Contrast settings incorrect	Adjust Brightness and Contrast in the OSD menu
Flickering screen	Refresh rate mismatch; Faulty cable; Graphics card issue	Ensure correct refresh rate in OS settings; Try a different video cable; Update graphics drivers
Colors are incorrect	Color settings incorrect; Faulty cable	Adjust color temperature/gamma in OSD; Try a different video cable; Reset OSD to factory defaults

If the problem persists after attempting these solutions, please contact Monoprice Customer Support.

9. SPECIFICATIONS

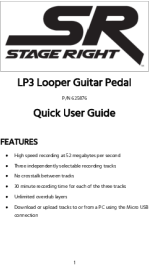| Feature	Specification
Brand	Monoprice
Model Number	144710
Screen Size	27 Inches
Panel Type	VA Panel
Resolution	2560 x 1440 (QHD)
Refresh Rate	240Hz
Response Time	1ms (GtG)
HDR Support	HDR400
Color Gamut	DCI-P3 90%
Colors	16.7 Million
Adaptive Sync	FreeSync and G-SYNC Compatible

Feature	Specification
Eye Care Features	Low Blue Light, Flicker-Free
Connectivity	HDMI 1, HDMI 2, DisplayPort (DP), Audio Out, DC Power Input
VESA Mount	75mm x 75mm
Adjustments	Height, Tilt, Swivel
Item Weight	13.2 ounces (Monitor only, approximate)

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Monoprice website. You can typically find support contact details and frequently asked questions (FAQs) on their support pages.

Monoprice Official Website: www.monoprice.com

Related Documents - 144710

[Dark Matter 34" Ultrawide Gaming Monitor User Manual](#)
User manual for the Dark Matter 34" Ultrawide Gaming Monitor, covering safety guidelines, features, system requirements, installation, OSD menu map, troubleshooting, and specifications.

[Stage Right LP3 Looper Guitar Pedal: Quick User Guide & Specifications](#)
User guide for the Stage Right LP3 Looper Guitar Pedal, covering features, product overview, functions, operations, and specifications. Learn how to use this guitar effects pedal for recording, overdubbing, and track management.

[Stage Right SIC1 Silicon Fuzz Guitar Pedal Quick User Guide](#)
Quick user guide for the Stage Right SIC1 Silicon Fuzz Guitar Pedal, detailing features, specifications, and product overview. Learn about its controls and connections.

	[Monoprice BT-205 Bluetooth Over-Ear Headphones User Manual](#) User manual for the Monoprice BT-205 Bluetooth Over-Ear Headphones, covering safety guidelines, features, package contents, product overview, charging, Bluetooth pairing, phone calls, button functions, LED indications, and specifications.
	[Pure Outdoor Large Ring Toss Game: Game Guide and Instructions](#) Official game guide for the Pure Outdoor Large Ring Toss Game (P/N 40520). Includes safety warnings, package contents, setup instructions, and gameplay rules for this outdoor adventure gear.
	[Monoprice BT-600ANC Bluetooth Headphones User Manual](#) User manual for the Monoprice BT-600ANC Bluetooth Headphones, featuring Qualcomm aptX HD Audio and Active Noise Cancelling. Includes setup, operation, and troubleshooting information.

Documents - Monoprice – 144710

[pdf] User Manual

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3frdtl01.p 83-4 05.16.10.00.02 Burkburnett, TX 12/07/16 CHECK REGISTER FOR WEB POSTING Dates: 09 ... DESCRIPTION SERVICES 144708 FEDERAL EXPRESS MONTHLY CHARGES 144709 FERGUSON ENTERPRISES parts **144710** FIRST BANK LOAN PAYMENT 144711 FLOCABULARY, LLC online subscription grade 7 Kayci.provenc...

lang:en score:8 filesize: 766.89 K page_count: 281 document date: 2016-12-07