



27" WQHD 144Hz Zero-G Gaming Monitor

P/N 38576

User's Manual

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SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not place the monitor on an unstable surface where it could fall and cause either personal injury or damage to the monitor and/or other equipment.
- Do not expose this device to excessive vibration.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- This device ventilates excessive heat through the slots and openings in the case. Do not block or cover these openings. Ensure that the device is in an open area where it can get sufficient airflow to keep from overheating.

- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- Unplug this device from the power source when not in use.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This monitor has no user serviceable parts. Do not open the case or otherwise attempt to modify this monitor.
- Do not leave a single image on the display for a long period of time. Doing so could cause "burn-in" of the image. It is recommended to use a variable desktop background and to use a screen saver to prevent "burn-in". Alternatively, ensure that the monitor is powered off for at least 2 hours out of every 12.
- Keep the original foam packaging material for use when installing or removing the included stand.

FEATURES

- 1x HDMI® 2.0, 2x HDMI 1.4, and 1x DisplayPort® 1.2a video inputs
- 2560 x 1440p @ 144Hz maximum video resolution
- 16:9 aspect ratio
- 4ms response time, 1ms when overdriven
- 1000:1 contrast ratio
- 400 cd/m² brightness
- Supports AMD FreeSync™ 1.0 technology
- Supports Picture-in-Picture (PiP) and Picture-by-Picture (PbP) display modes
- 75 x 75 VESA® mounting pattern

SYSTEM REQUIREMENTS

Operating System: Windows® 7/8/10 64-bit or higher

Processor (CPU): Intel® Core™ i5 or AMD Phenom™ II X3 or higher

Graphics Card: NVIDIA® GeForce® GTX950 or AMD® Radeon™ R9 380 or higher

Memory: 6GB RAM

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com or via email at support@monoprice.com. Check the website for support times and links.

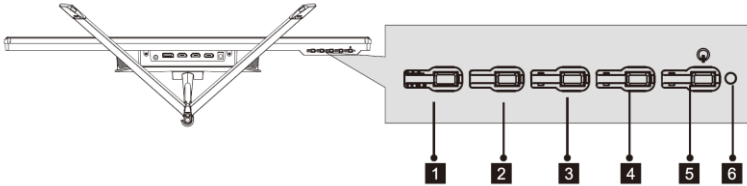
PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x 27" Monitor	4x P-Head Screws (M4x10)
1x DisplayPort® Cable	4x Wall Mount Screws
1x Stand Stem	1x Adhesive Pad
1x Stand Base	1x Screwdriver
1x Cable Clip	1x AC Power Adapter
2x Decorative Cover	1x User's Manual
3x K-Head Screws (M3x14)	

PRODUCT OVERVIEW

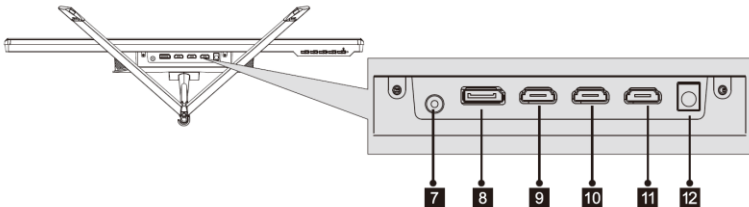
Controls



1. **MENU:** If the OSD menu is not displayed, press the **MENU** button to access the OSD menu. If the OSD menu is displayed, press the **MENU** button to enter a submenu. If editing a value, press the **MENU** button to save the edited value.
2. **DOWN:** If the OSD menu is displayed, press the **DOWN** button to move the menu highlight down. If editing a value in the OSD menu, press the **DOWN** button to decrease the value.
3. **UP:** If the OSD menu is displayed, press the **UP** button to move the menu highlight up. If editing a value in the OSD menu, press the **UP** button to increase the value. If the OSD menu is not displayed, press the **UP** button to toggle the FPS gaming crosshairs in the middle of the screen on or off and to cycle through the four different crosshair styles.
4. **EXIT:** If a submenu in the OSD menu is displayed, press the **EXIT** button to go back to the previous menu level. If the top level of the OSD menu is displayed, press the **EXIT** button to close the OSD menu. If editing a value in the OSD menu, press the **EXIT** button to cancel any changes made and exit editing.

5. **POWER:** Press the **POWER** button to turn the monitor on or off.
6. **LED INDICATOR:** The LED indicates various monitor states. If the **LED INDICATOR** is solid blue, solid green, or solid white, the monitor is powered on and is operating normally. It flashes blue when no video source has been detected. It is solid red when no signal is detected or if there is insufficient power received.

Connections

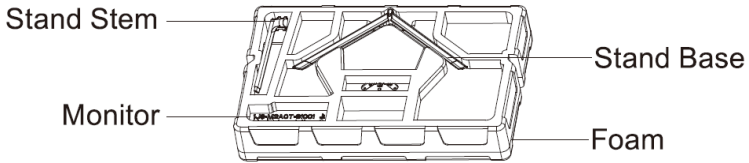


7. **AUDIO:** 3.5mm stereo jack for connecting headphones, powered speakers, etc.
8. **DISPLAYPORT:** DisplayPort® 1.2a video input.
9. **HDMI 1:** HDMI® 2.0 video input.
10. **HDMI 2:** HDMI 1.4 video input.
11. **HDMI 3:** HDMI 1.4 video input.
12. **DC IN:** DC barrel connector for connecting the included AC power adapter.

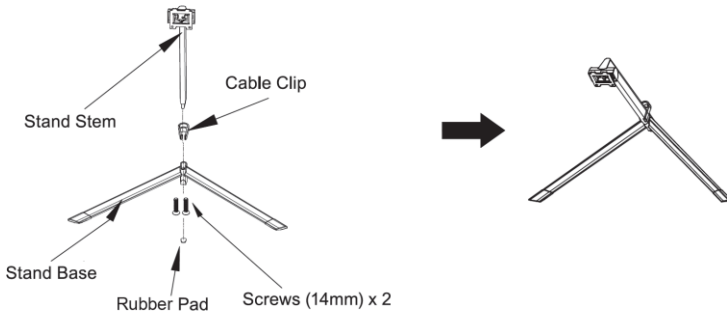
INSTALLING THE STAND

Perform the following steps to assemble the stand and attach it to the monitor.

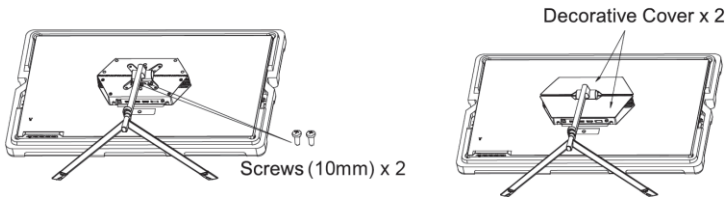
1. Open the package, remove the monitor with the foam packaging, then place it on a flat surface.



2. Remove the **Stand Stem**, **Stand Base**, and **Cable Clip** from the packaging. Slide the **Cable Clip** over the **Stand Stem**. Using the included **Screwdriver** and two **M3x14 Screws**, secure the **Stand Stem** to the **Stand Base**, then attach the **Adhesive Pad** to the bottom of the **Stand Assembly**.



3. Remove the foam packaging from the back of the monitor. Using the included **Screwdriver** and two **M4x10 Screws**, secure the **Stand Assembly** to the back of the monitor. Use the two **Decorative Covers** to cover the connection point, as shown in the image below.



4. Remove the monitor from the front foam packaging and place it on a flat surface.
5. Assemble the foam packaging and put it back in the box. Keep the box and foam packaging in a safe place, ready for future use.

REMOVING THE STAND

1. Place the front foam packaging on flat surface, then place the monitor face down in the packaging.
2. Remove the two **Protective Covers** from the back of the monitor.
3. Using the included **Screwdriver**, remove the two M4x10 screws that secure the **Stand Assembly** to the monitor.
4. Using the included **Screwdriver**, remove the two M3x14 screws that secure the **Stand Stem** to the **Stand Base**.

- Place the removed screws, **Screwdriver**, **Stand Stem**, and **Stand Base** in a safe place for future use.

USING A WALL OR DESK MOUNT

Note that this monitor only includes screws to attach it to a wall or desk mount. No mount or other mounting accessories are included. If you installed the stand, first perform the steps in the *REMOVING THE STAND* section above.

- Install the wall or desk mount according to the instructions that came with the mount.
- Use the included **Wall Mount Screws** to attach the monitor to the mount.

OSD MENU MAP

Main Menu	Submenu	Options	Description
Input Source	HDMI® 1 (2.0)	None	Selects the primary video source
	HDMI 2 (1.4)		
	HDMI 3 (1.4)		
	DP		
Brightness/ Contrast	Brightness	0~100	Adjusts the display brightness
	Contrast	0~100	Adjusts the display contrast
	DCR	On, Off	Turn DCR on or off

Main Menu	Submenu	Options	Description
Color Setting	Gamma	Gamma 1.8	Sets the Gamma level
		Gamma 2.0	
		Gamma 2.2	
		Gamma 2.4	
		Gamma 2.6	
	Picture Setting	Standard, Photo, Movie, Game, FPS, RTS	Sets the picture mode
	Color Temperature	Warm, Cool, User	Sets the color temperature
	Low Blue Light	0~100	Sets the level of blue light filtering
Hue	0~100	Adjusts the hue level	
Saturation	0~100	Adjusts the saturation level	
Picture Quality Setting	Sharpness	0~100	Sets the display sharpness
	Response Time	Off, High, Middle, Low	Adjusts the response time

Main Menu	Submenu	Options	Description
Picture Quality Setting	Noise Reduction	Off, High, Middle, Low	Reduces the image noise caused by signal source interference
Picture Quality Setting	Super Resolution	Off, High, Middle, Low	Enhances the image resolution when the actual resolution is low
	Dynamic Luminous Control	On, Off	Compensates for gray scale display screen and strengthens the expression of gray scale
Display	Aspect Ratio	Wide Screen, 4:3, 1:1, Auto	Sets the screen aspect ratio
	LED Mode	Normal, Off, Flicker	Adjusts the LED effects
Audio	Mute	On, Off	Turns muting on or off
	Volume	0~100	Adjusts the audio volume

Main Menu	Submenu	Options	Description
Audio	Audio Source	Auto Source, DP, HDMI® 1, HDMI 2, HDMI 3	Selects the audio signal input via HDMI or DP
Multi-Window	Multi-Window	Off, PIP Mode, PBP 2Win	Sets the multi-window mode
	Sub Win2 Input	DP, HDMI 1, HDMI 2, HDMI 3	Selects the secondary input source for the PiP or PbP window
	PIP Size	Small, Medium, Large	Adjusts the Pip or PbP window size
	PIP Position	Top Right, Top Left, Bottom Right, Bottom Left	Adjusts the position of the PiP or PbP window
	Swap	None	Swaps the signal source of the main screen and the PiP or PbP window

Main Menu	Submenu	Options	Description
OSD	Language	English, Chinese, Korean, Russian, Spanish, Japanese, French	Sets the language used in the OSD menu
	OSD H-Position	0~100	Adjusts the horizontal position of the OSD menu
	OSD V-Position	0~100	Adjusts the vertical position of the OSD menu
	OSD Transparency	0~100	Sets the overall transparency/opacity of the OSD menu
	OSD Time Out	5~100	Sets the amount of time of inactivity before the OSD menu automatically closes
	OSD Rotation	Normal, 90, 180, 270	Rotates the orientation of the OSD menu

Main Menu	Submenu	Options	Description
Other	DP Version	DP 1.1, DP 1.2	Sets the DisplayPort® version
	FreeSync	On, Off	Turns AMD FreeSync™ support on or off
	HDR	On, Off	Turns HDR on or off
	Reset	None	Resets the monitor settings to the factory default values

Note: When choosing the Picture-by-Picture (PbP) mode, set the default resolution of each window to 1280x1440@60Hz.

TROUBLESHOOTING

Q1: The screen is blank.

A1: Ensure that power is turned on. Check the brightness/contrast settings. Check the **LED INDICATOR**. If it is flashing, no video signal is being received. Check the display settings of the connected device.

Q2: The image is out of focus.

A2: Check the video cable connection.

Q3: The screen is flashing.

A3: There is an issue with the power source. Ensure that devices that could cause magnetic interference are a safe distance away.

Q4: There is color bleeding, distortion, or other unusual effects.

A4: Check the video cable connection. Connect to another video source for comparison. Inspect the condition of the ports on the monitor and graphics card. Adjust the color settings in the monitor and PC display settings.

Q5: The screen is scrolling, rolling, or moving.

A5: Check if the source frequency is in the refresh rates range. Check the video cable connection.

Q6: The **LED INDICATOR** is off.

A6: Check the power connection. Ensure that power is turned on.

Q7: There is no video signal.

A7: Confirm PC and graphics card compatibility. Inspect the condition of the ports on the monitor and graphics card.

Q8: The image is dim.

A8: Adjust the brightness/contrast.

Q9: The image has jitter or a moire pattern.

A9: Nearby electronic equipment may be causing interference.

Q10: The **LED INDICATOR** is on or flashing, but there is no image on the screen.

A10: Ensure that the monitor is powered on. Confirm the graphics card is properly installed. Check the video cable connection. Inspect the condition of the ports on the monitor and graphics card. Check to see if the PC is asleep, in standby mode, etc.

Q11: The image position or size is incorrect.

A11: Check the settings in the monitor's OSD menu and PC display settings.

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com or through email by sending a message to tech@monoprice.com. Check the website for support times and links.

SPECIFICATIONS

Model	38576
Video Inputs	1x DisplayPort® 1.2, 1x HDMI® 2.0, 2x HDMI 1.4
Display Size	27"
Active Display Area	596.74 x 335.66 mm
Panel Type	TN
Panel Model	AUO M270DTN01.8
Maximum Resolution	2560x1440p
Maximum Refresh Rate	144Hz
VESA® Mount Size	75 x 75
AMD FreeSync™ Version	1.0
AMD FreeSync Refresh Rates	HDMI 2.0: 50 ~ 144 Hz HDMI 1.4: 50 ~ 75 Hz DisplayPort 1.2: 50 ~ 144 Hz
Aspect Ratio	16:9
Viewing Angles (H/V)	170°/160°
Backlight	LED
Default Color Temperature	6500K
Typical Brightness	Up to 400cd/m ²
Contrast Ratio	1000:1
Maximum Colors	> 16.7 million
Dot Pitch	0.2331 x 0.2331 mm
Response Time	4ms (1ms OD)

OSD Languages	English, Chinese, Korean, Russian, Spanish, Japanese, French
Input Power	12 VDC, 4A
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Power Consumption	Maximum: 55 watts Typical: 32 watts Standby: \leq 0.5 watts
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Operating Temperature	-4 ~ +140°F (-20 ~ +60°C)
Operating Humidity	10 ~ 85% RH, noncondensing
Dimensions (with stand)	24.3" x 7.9" x 17.6" (618 x 200 x 446 mm)
Dimensions (without stand)	24.3" x 2.2" x 14.4" (618 x 56 x 365 mm)
Weight (with stand)	13.1 lbs. (5.95 kg)

REGULATORY COMPLIANCE

Notice for FCC



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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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