MONOPRICE

32in QHD 1440p 144Hz VA Curved Gaming Monitor with Height Adjustable Stand

P/N 33821

User's Manual

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 monitor is intended for indoor use only.

- Do not expose this monitor 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 monitor, 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 subject the monitor to extreme force, shock, or fluctuations in temperature or humidity.

- Do not block the ventilation holes in the monitor's casing. Do not place the monitor in a confined space with inadequate ventilation. Periodically check the ventilation holes to ensure they do not become clogged with dust, debris, or nearby items.

- Do not place the monitor near a heat source, such as a fireplace, heating vent, radiator, etc.

- Do not place or install this monitor in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.

- Prior to operation, check the monitor and power cord for physical damage. Do not use if physical damage has occurred.

- Unplug this monitor 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 monitor 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.

PACKAGE CONTENTS

- 1 x 32" QHD 1440p Monitor

- 1x Base

- 1x Stand

- 1x Thank You Card and User Manual

- 1x Power Cable

- 1x DP to Mini DP cable

- 8x Screws

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** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **support@monoprice.com**

HARDWARE INSTALLATION

Wall Mounting (Optional)

NOTE: For use only with a UL Listed Wall Mount Bracket.

To obtain a wall-mounting kit or height adjustment base, contact Monoprice . Refer to the instructions that come included or along with the base mounting kit. To convert your display from a desk-mounted to a wall-mounted display, do the following:

1.   Find VESA compatible wall-mounting kit which meets the quaternions in section "Specifications".

2.   Verify that the power button is turned Off, then disconnect the power cord.

3.   Lay the display face down on a towel or blanket.

4.   Remove the base. (Screws removal might be required.)

5.   Attach the mounting bracket from the wall mounting kit using screws of the appropriate length.

6.   Attach the display to the wall, following the instructions in the wall-mounting kit.

USING THE KENSINGTON LOCK

The Kensington security connector is located on the back side of the monitor. For more information on installation and usage please visit the Kensington website at http://www. kensington.com.

Below is an example of setting up the Kensington lock on a table for your reference.
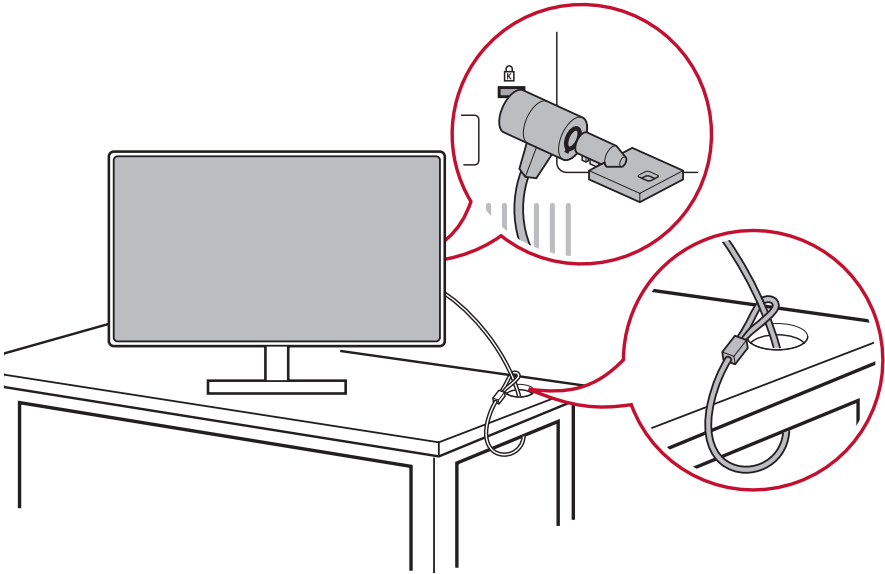
*This picture is for reference only

Please do not connect the DisplayPort out on the monitor to the DisplayPort or mini DP connector on the computer. DisplayPort out is used for daisy chain connection (Explained in section C)
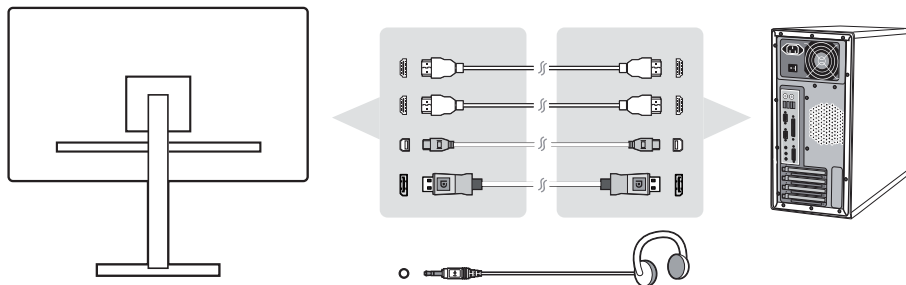

Video and Audio Cable

For a MAC with Thunderbolt output, please connect the mini DP end of the "mini DP to DisplayPort cable" to the Thunderbolt output of MAC. And connect the other end of the cable to the DisplayPort connector on the rear of the monitor.

*This picture is for reference only

Power Cable (and AC/DC adapter if required)

Connect the female connector of AC power cord to the power connector of monitor, and the AC plug of AC power cord to the AC outlet.
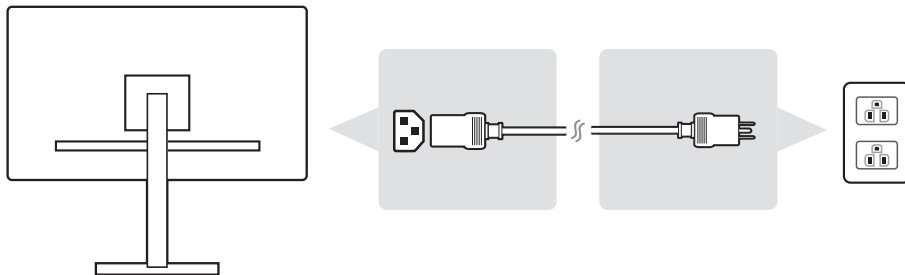
POWER ON

Turn On LCD Monitor and Computer

Turn ON the LCD Monitor, then turn ON the computer. This particular order (LCD monitor before computer) is important.

*This picture is for reference only

ADJUSTING THE SCREEN IMAGE

SETTING THE TIMING MODE

Set your monitor resolution to its recommended resolution (see section "specification") to get the best experience possible, with brilliant color and crisp text. Here is how:

1. Go to your display resolution settings window (each operating system will have a different process to get there).

2. Next, adjust the display resolution setting to match your monitor's native resolution. This will provide you with your best usage experience.

If you have difficulty setting the resolution or you do not see recommended resolution as an available option, you may need a newer video card driver. Contact your computer or video card manufacturer to obtain the latest driver.

- If necessary, make small adjustments using H. POSITION and V. POSITION until the screen image is completely visible. (*for analog only). (The black border around the edge of the screen should barely touch the illuminated "active area" of the LCD monitor.)

USING THE CONTROL PANEL

After setting the timing mode, use the buttons on the front or rear control panel to display and adjust OSD for screen image adjustment.

	⏻

* The postition refer to section 2.2

Bezel & OSD symbol explanation

The bezel symbol explanation is stated below:

⏻	Standby Power On/Off NOTE: Power light Blue = ON Orange = Power Saving
▥◖	Toggles between the various input options that are available for that particular monitor.
≡	Main menu icon that allows users to access the main menu.

The OSD Menu and OSD Quick-Menu Symbol explanations and
their functional uses are stated below.

✓	Activation symbol to turn the various modes on when operating the menu system.
✕	Activation symbol to exit, go back or deactivate the desired function that is selected.
∧ ∨	Scrolls through menu options and adjusts the monitor controls.
↰	Symbol used to go back or revert back to the previously selected menu
ⓘ	Information shortcut select button, which gives users access to the information of the monitor currently in use.
≡	Main menu icon that allows users to access the main menu. Hold down the icon for a few seconds to turn off the main menu
< >	Left and right icons toggle your selected choice horizontally.

OSD MENU INTRODUCTION

OSD MENU TREE

For an explanation of the OSD tree and pertaining functions, please refer to the 4-2 OSD explanation below. The OSD tree visually represents the complete OSD menu that can be accessed by your monitor. If you aren't sure where an option/function is or cannot locate a specific feature, please utilize the OSD tree below.

👁	Game Mode
🔆	Contrast / Brightness
🎛	Input Select
☰	Main Menu
✕	Exit
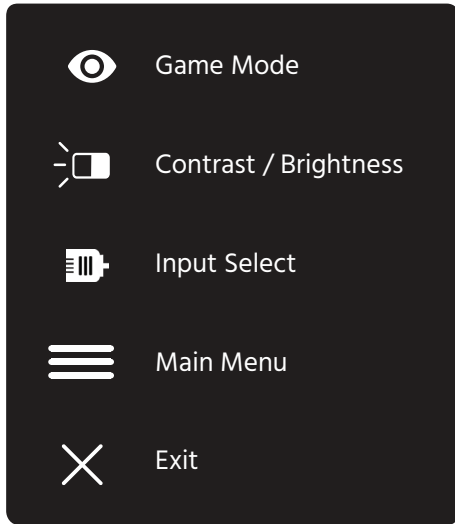
OSD MENU EXPLANATION

NOTE: The OSD menu items listed in this section indicate the entire

OSD items of all models. Some of these items may not exist in your
product OSD. Please disregard OSD menu item explanations if they
do not exist in your OSD Menu. Please refer to the 4-1 OSD Tree
(above), for your monitor's available OSD menu items. Please refer
to the OSD explanation below (in alphabetical order), for a clearer
explanation of what each function does.

A   **Advanced DCR**
Advanced DCR technology automatically detects the image signal and
intelligently controls the backlight brightness and color, to improve on
the ability to make the black blacker in a dark scene, and make the white
whiter in a bright environment.

Auto Detect
If current input source is no signal, monitor will automatically switch to
next input option. This function on some model is disabled by default.

B   **Black stabilization**
Monoprice's Black stabilization provides heightened visibility and detail
by brightening dark scenes.

Blue light filter
Adjusts the filter that blocks high-energy blue light for a safer experience
for our users.

Brightness
Adjusts background black levels of the screen image.

C **Color adjust**

Provides several color adjustment modes, to help adjust the color settings to fit our users' needs.

Color range

Adjusts the color range, allowing users to adjust the range in RGB and YUV color settings.

Color space

Allows users to choose which color space they would like to use for monitor color output (RGB, YUV).

C Color temperature

Allows users to select specific color temperature settings to further customize their viewing experience.

	Explanation
sRGB	Standard color space used for the windows system, digital cameras and the Internet.
NATIVE	Native is a default color temperature. Recommended for general graphic design and regular use.

Contrast

Adjusts the difference between the image background (black level) and the foreground (white level).

Custom

Providing even more support, three customizable 'Custom' settings are available to help match individual preferences and adapt to every type of game on the market. Select one of the 'Custom' options (Custom 1, Custom 2 etc.) in the Menu and adjust the advanced options. After exiting the setting will automatically be saved under that particular 'Custom' setting or rename the setting to your liking by selecting 'Rename'. You can access your saved 'GAME MODE' settings with the Quick Menu as well.

G Game mode

Integrating a gaming-oriented OSD design including pre-calibrated FPS, RTS and MOBA gaming settings, each mode is functionally customized with in-game testing and adjustments made for the best blend of color and technology. To access the game mode first open the Main Menu setting, then go to 'ViewMode', select 'Game' and change your 'GAMER' settings from there.

I **Information**

Displays the timing mode (video signal input) coming from the graphics card in the computer, and the LCD model number.
See your graphics card's user guide for instructions on changing the resolution and refresh rate (vertical frequency).

NOTE: VESA 1024 x 768 @ 60Hz (example) means that the resolution is 1024 x 768 and the refresh rate is 60 Hertz.

Input select

Toggles between the various input options that are available for that particular monitor.

M **Manual image adjust**

Displays the Manual Image Adjust menu. You can manually set a variety of image quality adjustments.

Memory recall

Returns the adjustments back to factory settings if the display is operating in a factory Preset Timing Mode listed in the Specifications of this manual.
Exception: This control does not affect changes made with the Language Select or Power Lock setting

O **Overscan**

Can be used to adjust the aspect ratio of the input signal received by your monitor to adjust the image so it appears on the monitor.

R   **Response time**

Adjusts the response time, creating smooth images without streaking, blurring or ghosting. A low response time is perfect for the most graphic-intense gaming, and provides amazing visual quality while watching sports or action movies. Setting the menu to 'Ultra Fast' is advised.

Resolution notice

The notice tells users that the current viewing resolution is not the correct native resolution. This notice will appear in the display settings window, when setting up the display resolution.

Recall

Resets the ViewMode monitor settings.

S   **Setup menu**

Adjusts On-screen Display (OSD) settings. Many of these settings can activate on-screen display notifications so users do not have to reopen the menu.

Sharpness

Adjusts the sharpness and picture quality of the monitor.

V   **ViewMode**

The unique ViewMode feature offers "Game," "Movie," "Web," "Text," and "Mono" presets. These presets are specifically designed to deliver an optimized viewing experience for different screen applications.

Monitor Setting Management

OSD Timeout

The OSD Timeout function, allows users to choose how long the OSD will reside on the screen after in-activity (number of seconds).

OSD Background

The OSD Background function allows users to turn off the OSD background while selecting and adjusting OSD settings.

Power Indicator

The power indicator is the light that displays whether the monitor is on or off.

Auto Power Off

Selecting Auto Power Off, allows the monitor to shut its power off after a certain amount of time.

Sleep

This setting allows users to adjust the time of inactivity before the monitor goes on a reduced power mode. The screen will be on 'sleep mode' during this time.

Eco Mode

Allows users to choose between various modes, based on power consumption.

DDC/CI (Display Data Channel Command Interface)

Activating this setting allows monitor control via the graphics card.

SPECIFICATIONS

LCD	Type	TFT (Thin Film Transistor), Active Matrix 2560X1440 LCD, 0.0908 mm x 0.2724 mm pixel pitch
	Display Size	Metric: 80 cm Imperial: 32" (31.5" viewable)
	Color Filter	RGB vertical stripe
	Glass Surface	Anti-Glare
Input Signal	Video Sync	TMDS digital (100ohms) HDMI: f_h:15-215 kHz, f_v:24-144 Hz DP: f_h:24-215 kHz, f_v:50-144 Hz
Compatibility	PC Macintosh[1]	Up to 2560X1440 Non-interlaced Power Macintosh up to 2560X1440 (Supported by limited graphic cards)
Resolution [2]	Recommended	2560X1440@144Hz
	Supported	2560X1440@60Hz 1920 x 1080 @ 60 Hz 1680 x 1050 @ 60 Hz 1280 x 1024 @ 60, 75 Hz 1440 x 900 @ 60 Hz 1024 x 768 @ 60, 70, 75 Hz 800 x 600 @ 56, 60, 72, 75 Hz 640 x 480 @ 60, 72, 75 Hz 720 x 400 @ 70 Hz
AMD FreeSync™		48 ~ 144 Hz over DisplayPort™, Mini DisplayPort, and HDMI® inputs
Power Adaptor [3]	Input Voltage	100-240 VAC, 50/60 Hz (auto switch)

Display area	Full Scan	697.3mm (H) x 392.2 mm (V)
		27.5" (H) x 15.5" (V)
Operating conditions	Temperature	+32 °F to +104 °F (0 °C to +40 °C)
	Humidity	10% to 90% (non-condensing)
	Altitude	To 16,404 feet
Storage conditions	Temperature	-4 °F to +140 °F (-20 °C to +60 °C)
	Humidity	5% to 90% (non-condensing)
	Altitude	To 40,000 feet
Dimensions	Physical	711.2 mm(W) x 513.7 mm(H) x 199.2 mm(D)
		28" (W) x 20.2" (H) x 7.8" (D)

Wall Mount

Max Loading	Hole pattern (W x H; mm)	Interface Pad (W x H x D)	Pad Hole	Screw Q'ty & **Specification**
14kg	100mm x 100mm	115 mm x 115 mm x 2.6 mm	Ø 5mm	4 piece M4 x 10mm

Weight	Physical	15.9lb (7.1 kg)
Power saving modes	On	45W (Typical)
	Off	<0.5W

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** during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **tech@monoprice.com**

REGULATORY COMPLIANCE

Notice for FCC

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.