ViewSonic®

>VP2458

Monitor
User Guide

Model No. VS17557
P/N: VP2458

Thank you for choosing ViewSonic®

As a world-leading provider of visual solutions, ViewSonic® is dedicated to exceeding the world's expectations for technological evolution, innovation, and simplicity. At ViewSonic®, we believe that our products have the potential to make a positive impact in the world, and we are confident that the ViewSonic® product you have chosen will serve you well.

Once again, thank you for choosing ViewSonic®!

> Safety Precautions

Please read the following **Safety Precautions** before you start using the device.

- Keep this user guide in a safe place for later reference.
- Read all warnings and follow all instructions.
- Sit at least 18" (45 cm) away from the device.
- Allow at least 4" (10 cm) clearance around the device to ensure proper ventilation.
- Place the device in a well-ventilated area. Do not place anything on the device that prevents heat dissipation.
- Do not use the device near water. To reduce the risk of fire or electric shock, do not expose the device to moisture.
- Avoid exposing the device to direct sunlight or other sources of sustained heat.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that may increase the temperature of the device to dangerous levels.
- Use a soft, dry cloth to clean the external housing. For more information, refer to the "Maintenance" section on page 62.
- Oil may collect on the screen as you touch it. To clean the greasy spots on the screen, refer to the "Maintenance" section on page 62.
- Do not touch the screen surface with sharp or hard objects, as it may cause damage to the screen.
- When moving the device, be careful not to drop or bump the device on anything.
- Do not place the device on an uneven or unstable surface. The device may fall over resulting in an injury or a malfunction.
- Do not place any heavy objects on the device or connection cables.
- If smoke, an abnormal noise, or a strange odor is present, immediately turn the device off and call your dealer or ViewSonic®. It is dangerous to continue using the device.
- Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the plug does not fit into your outlet, obtain an adapter and do not attempt to force the plug into the outlet.

- When connecting to a power outlet, DO NOT remove the grounding prong. Please ensure grounding prongs are NEVER REMOVED.
- Protect the power cord from being treaded upon or pinched, particularly at the plug, and at the point where it emerges from the equipment. Ensure that the power outlet is located near the equipment so that it is easily accessible.
- Only use attachments/accessories specified by the manufacturer.
- When a cart is used, use with caution when moving the cart/equipment combination to avoid injury from tipping over.
- Disconnect the power plug from the AC outlet if the device is not being used for a long period of time.
- Refer all servicing to qualified service personnel. Service will be required when the unit has been damaged in any way, such as:
  » if the power supply cord or plug is damaged
  » if liquid is spilled onto or objects fall in the unit
  » if the unit is exposed to moisture
  » if the unit does not operate normally or has been dropped.
- NOTICE: LISTENING THROUGH EAR-/HEADPHONES AT A HIGH VOLUME FOR EXTENDED PERIODS CAN CAUSE HEARING DAMAGE/HEARING LOSS. When using ear-/headphones, adjust the volume to appropriate levels, or hearing damage may result.
- NOTICE: THE MONITOR MAY OVERHEAT AND SHUTDOWN! If the device shuts down automatically, please turn on your monitor again. After rebooting, change your monitor's resolution and refresh rate. For details, please refer to the graphics card's user guide.

> Contents

> Introduction

Package Contents

- Monitor
- Power cord
- Video cable
- Quick start guide

NOTE: The power cord and video cables included in your package may vary depending on your country. Please contact your local reseller for more information.

Product Overview

Front View

Display screen

Rear View

1
2
3
4
5
Power button

Security Slot

AC IN jack

DisplayPort VGA port

HDMI port

USB ports
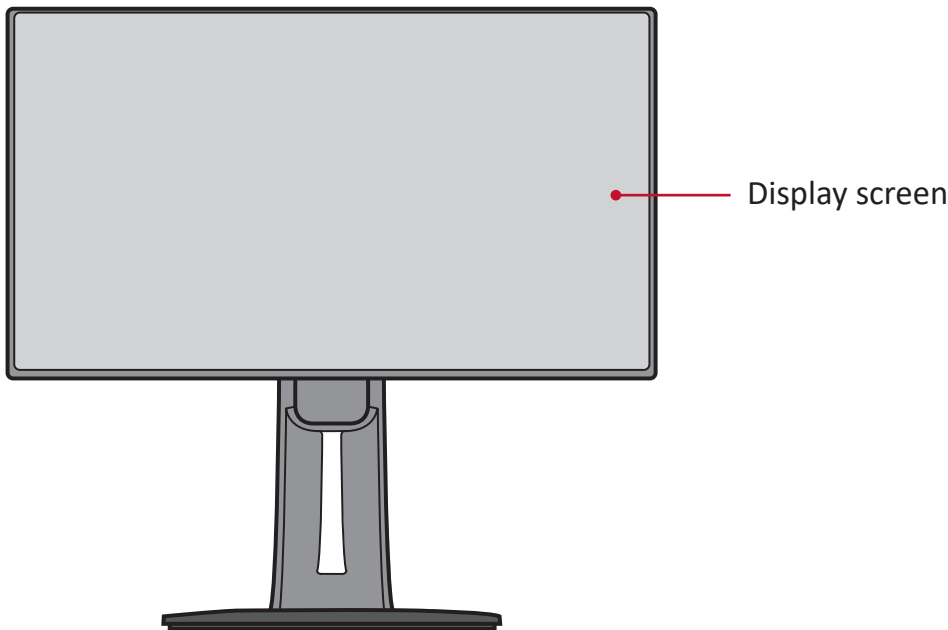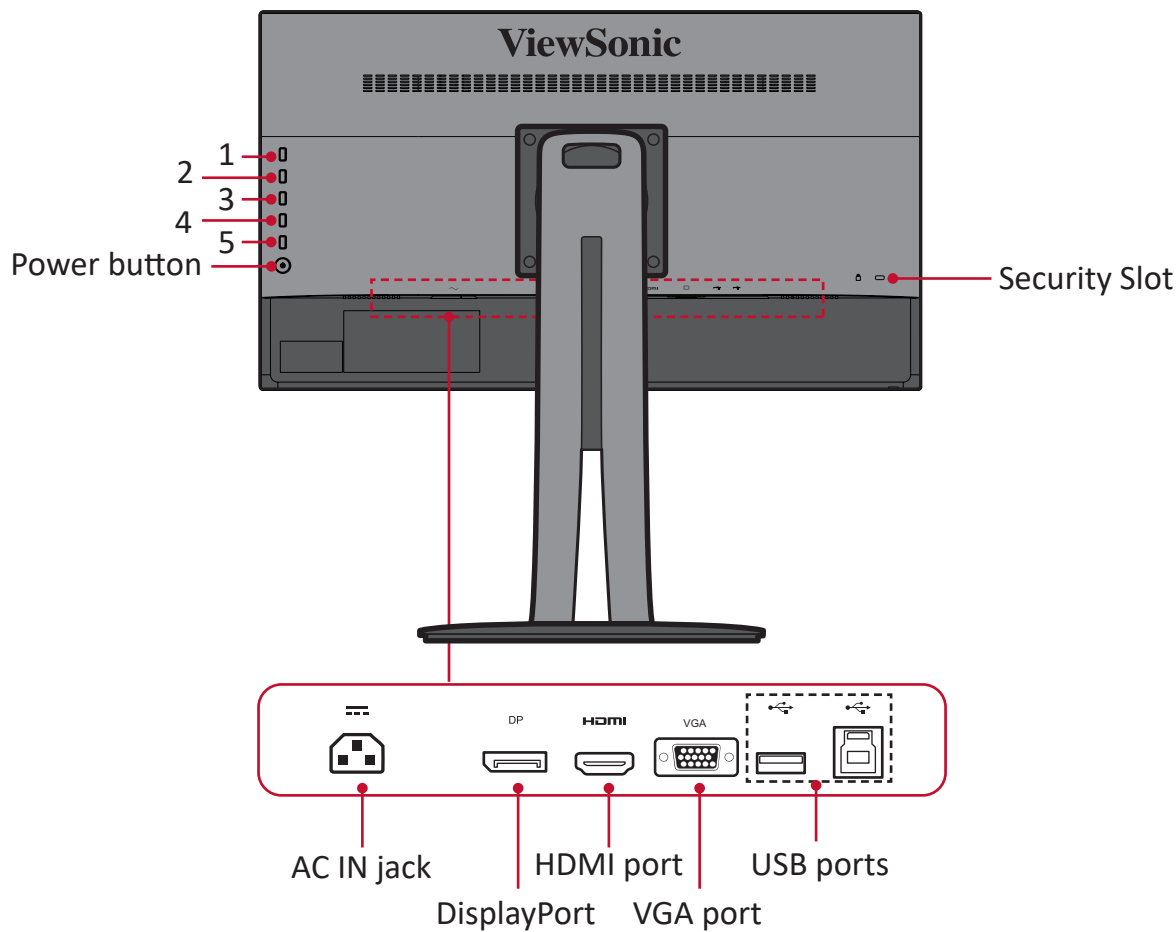
NOTE: For more information about the **1/2/3/4/5** key and its functions, refer to "Hot Keys" on page 25.

> Initial Setup

This section provides detailed instructions for setting up your monitor.

Installing the Stand

1. Place the monitor on a flat, stable surface with the screen facing down.
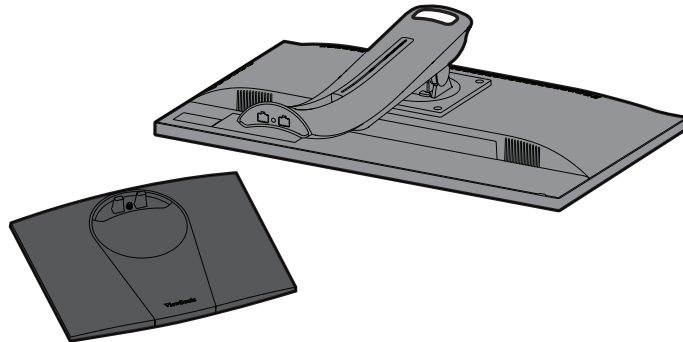
2. Align and connect the two (2) points on the monitor stand's base with the monitor stand's neck.
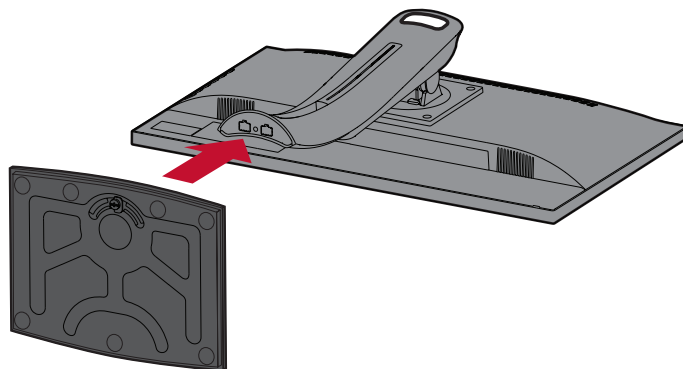
3. Use the captured screw in the monitor stand's base and secure it to the monitor stand's neck.
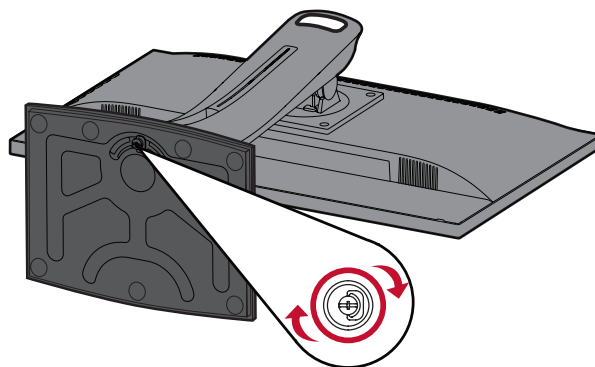
4. Lift the device into its upright position on a flat, stable surface.
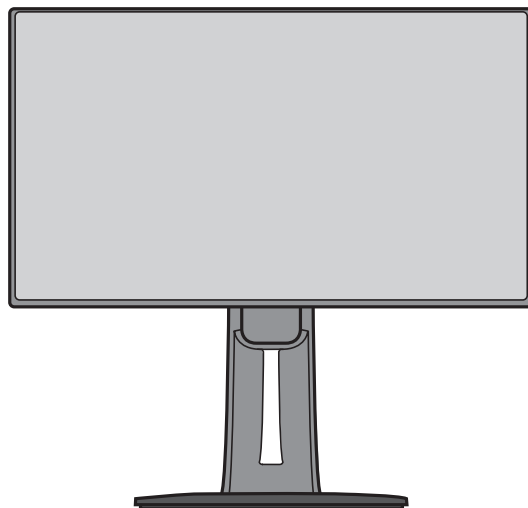
NOTE: Always place the device on a flat, stable surface. Failure to do so may cause the device to fall and damage the device and/or result in personal injury.

Wall Mounting

Refer to the table below for the standard dimensions for wall mount kits.

> **NOTE:** For use only with a UL certified wall mount kit/bracket. To obtain a wall-mounting kit or height adjustment base, contact ViewSonic® or your local dealer.

Maximum Loading	Hole pattern (W x H)	Interface Pad (W x H x D)	Pad Hole	Screw Specification & Quantity
14 kg	100 x 100 mm	115 x 115 x 2.6 mm	Ø 5 mm	M4 x 10 mm 4 pieces

> **NOTE:** Wall mount kits are sold separately.

1. Turn off the device and disconnect all cables.

2. Place the device on a flat, stable surface with the screen facing down.

3. Remove the four (4) screws securing the stand to the monitor.
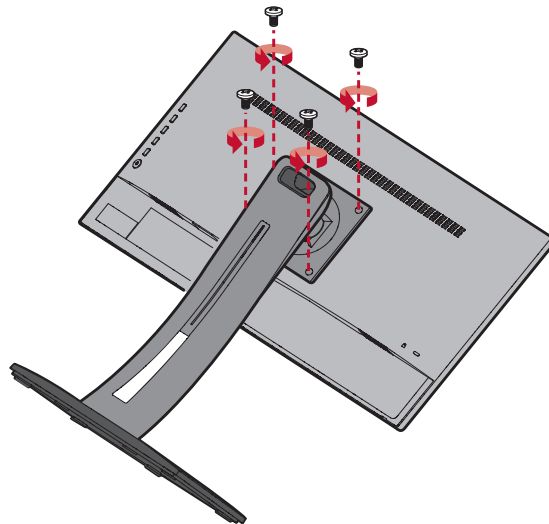
4. Pull down slightly to disengage the hooks. Then remove the stand.
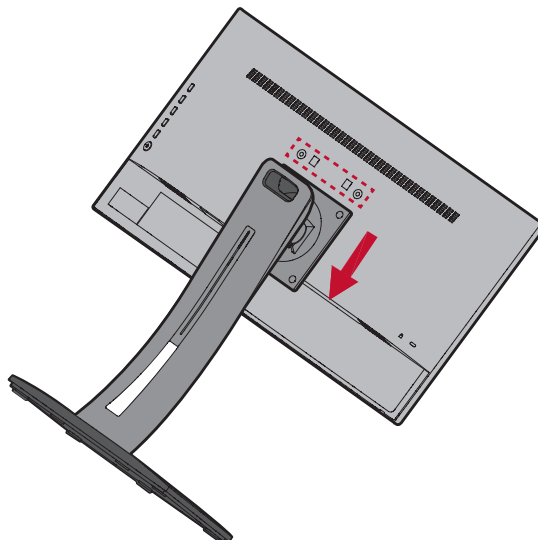
5. Attach the mounting bracket to the VESA mounting holes at the rear of the device. Then secure it with four (4) screws (M4 x 10 mm).

100 mm

100 mm

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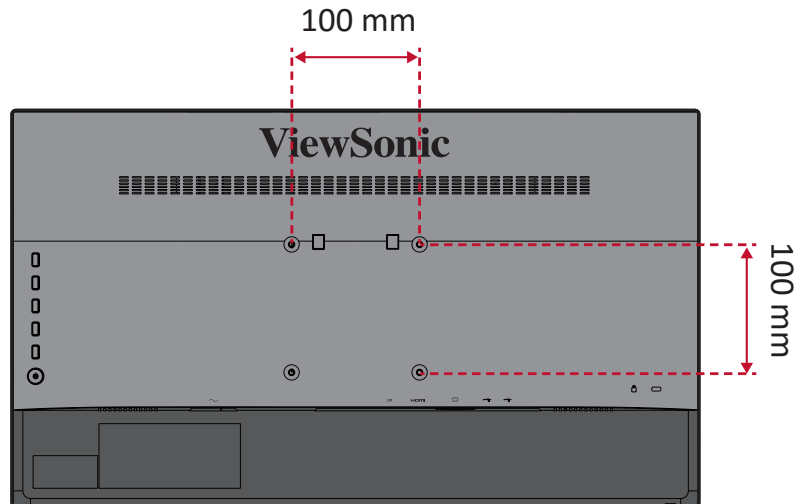
6. Follow the instructions that come with the wall mounting kit to mount the monitor onto the wall.

Using the Security Slot

To help prevent the device from being stolen, use a security slot locking device to secure the device to a fixed object.

Below is an example of setting up a security slot locking device on a table.
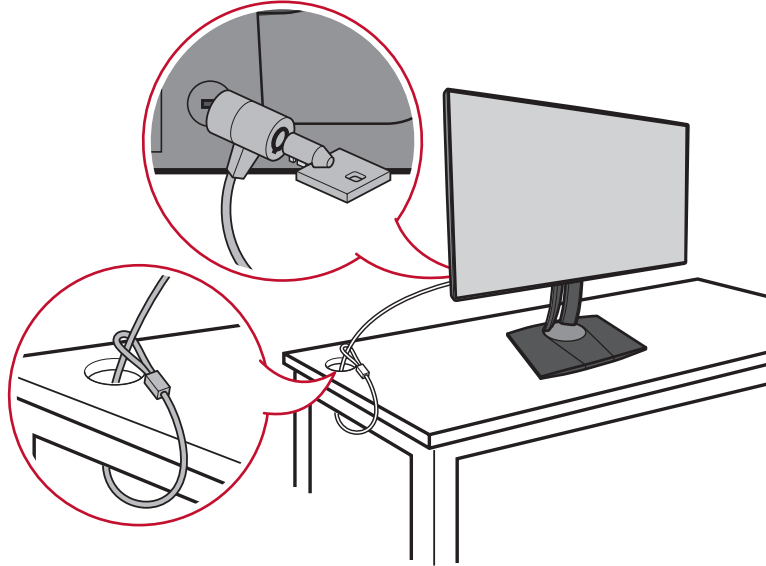
> Making Connections

This section guides you on how to connect the monitor with other equipment.

Connecting to Power

1. Connect the power cord to the AC IN jack at the rear of the device.

2. Connect the power cord plug to a power outlet.
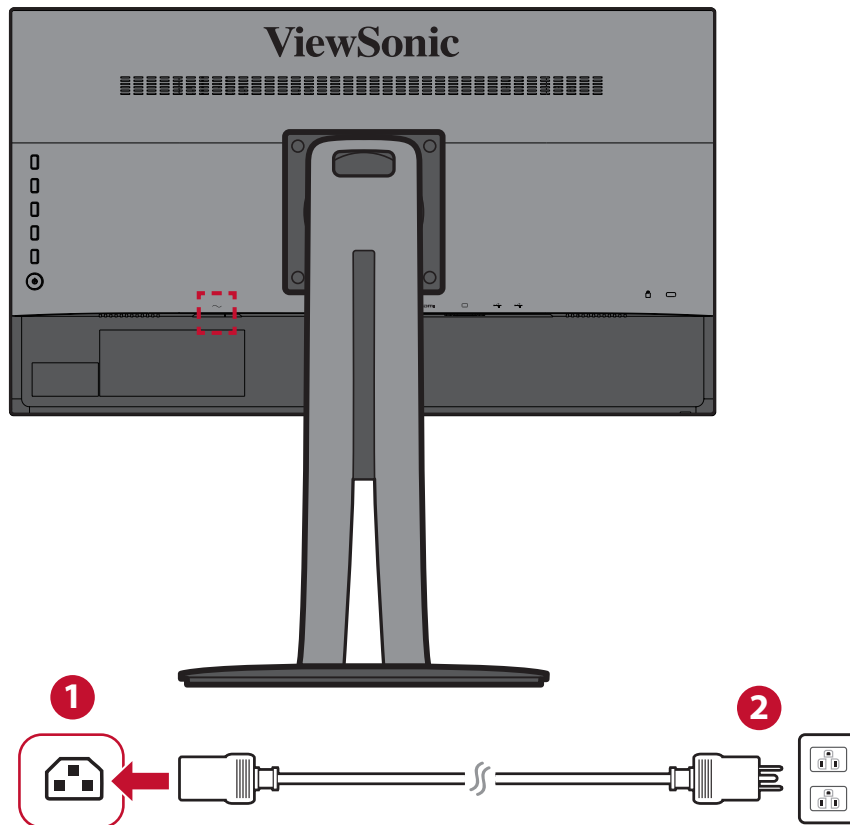
Connecting External Devices

HDMI Connection

Connect one end of an HDMI cable to the HDMI port of your monitor. Then connect the other end of the cable to the HDMI port of your computer.

NOTE: The monitor is equipped with one HDMI 1.4 port.
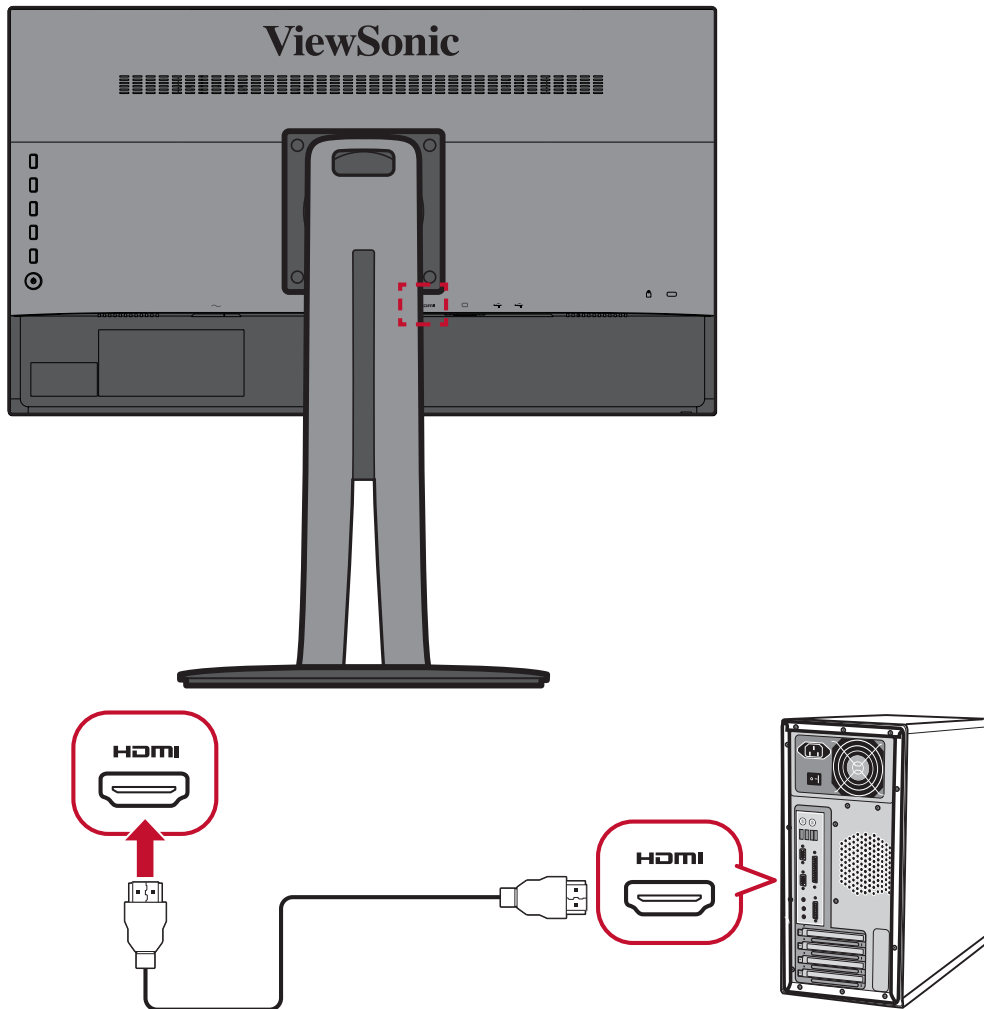
DisplayPort Connection

Connect one end of a DisplayPort cable to the DisplayPort port. Then connect the other end of the cable to the DisplayPort or mini DP port of your computer.

NOTE: To connect the monitor to the Thunderbolt port (v. 1&2) on your Mac, connect the mini DP end of the "mini DP to DisplayPort cable" to the Thunderbolt output of your Mac. Then connect the other end of the cable to the DisplayPort of the monitor.
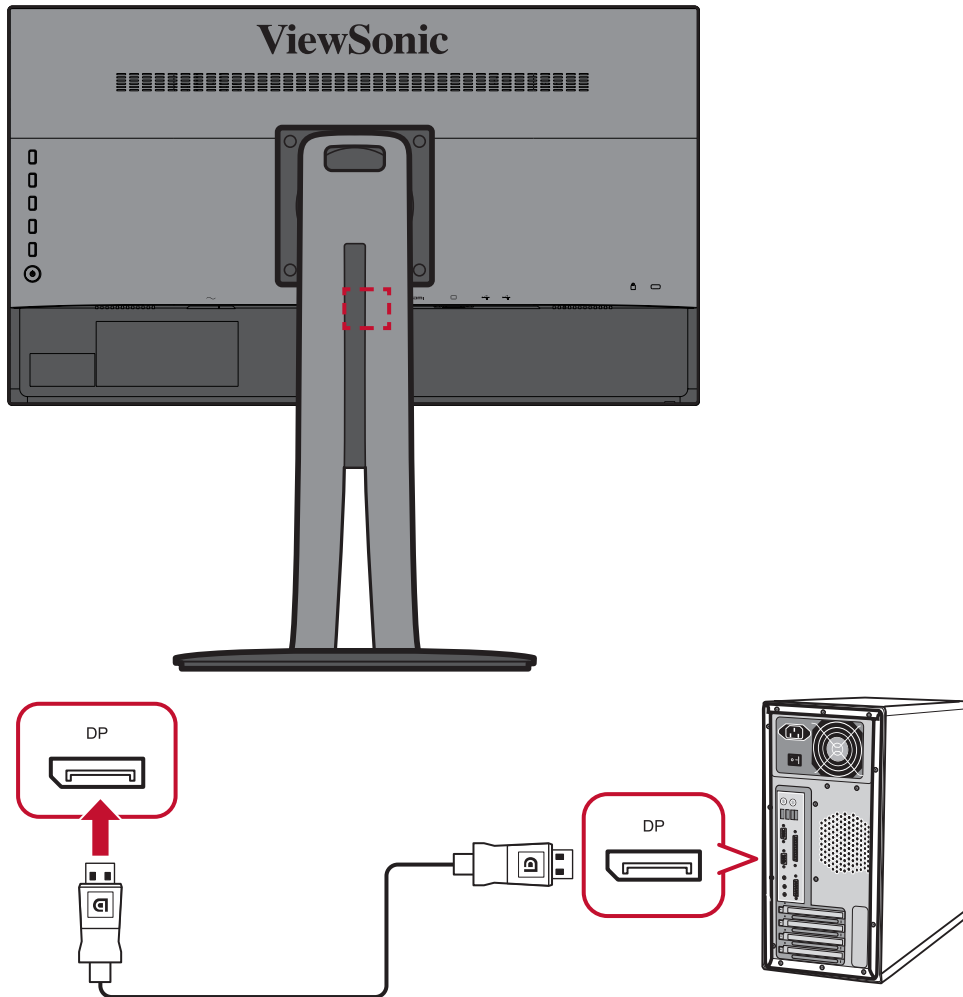
USB Connection

Connect one end of a USB cable to a USB port of the monitor. Then connect the other end of the cable to a USB port of your computer.

NOTE: The monitor supports two (2) types of USB ports. When making the connection(s), observe the following guidelines:

- Two (2) USB Type A ports: Connection for your Type A peripheral device(s). (i.e. storage device).

    » **NOTE:** To activate the USB Type A port, ensure your computer is also connected to the monitor's USB Type B port.

- One (1) USB Type B port: Connect the USB Type B male cable (square with 2 cut corners) to this port, and then connect the other end of the cable to the USB downstream port of your computer.
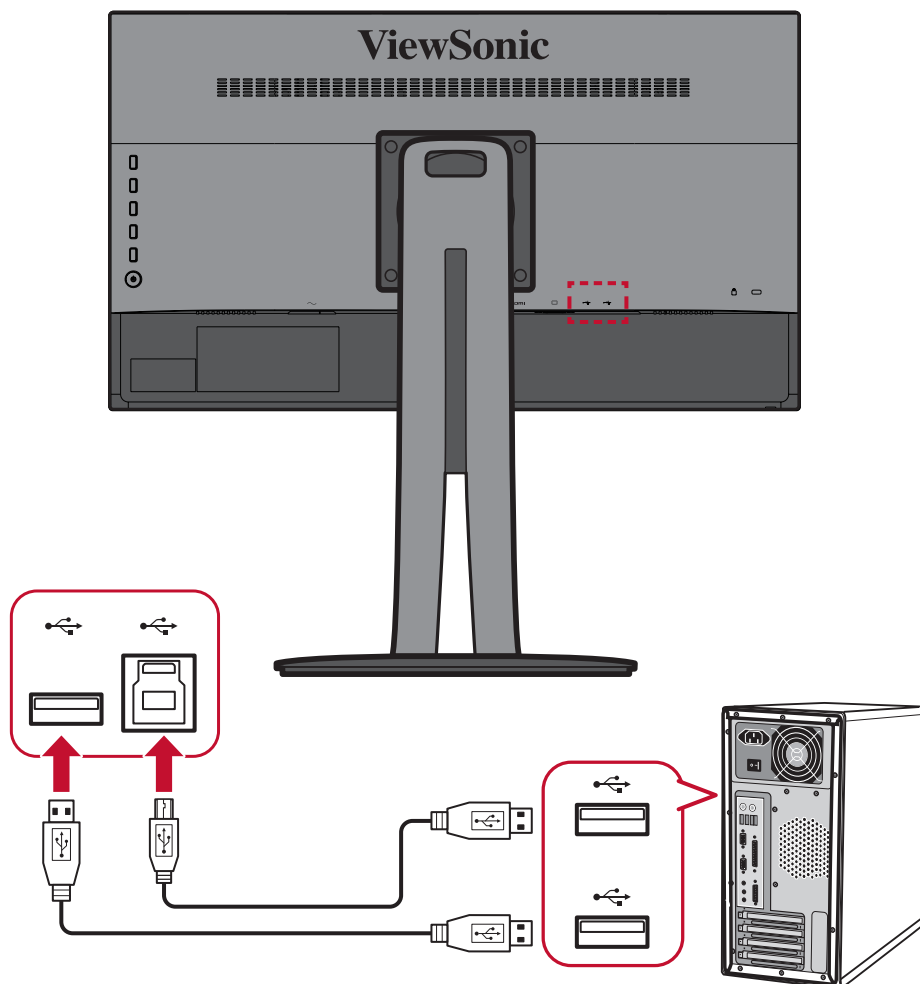
VGA Connection

Connect one end of a VGA cable to the VGA port of your monitor. Then connect the other end of the cable to the VGA port of your computer.
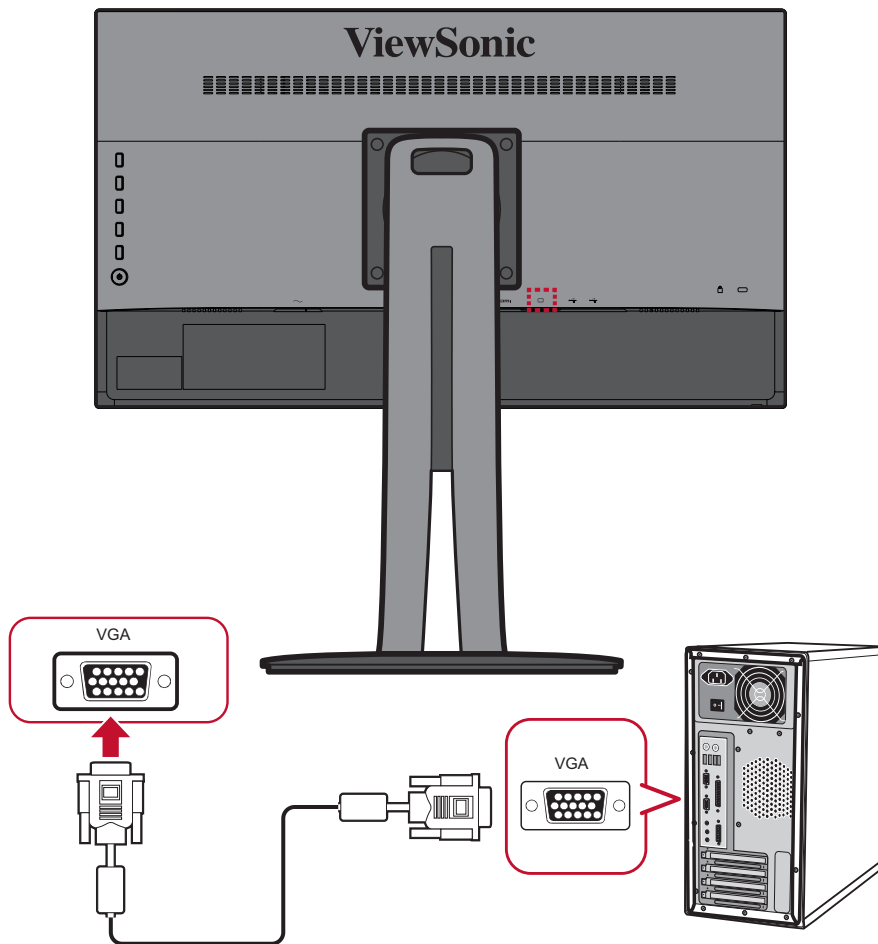
> Using the Monitor

Adjusting the Viewing Angle

For optimal viewing, you can adjust the viewing angle using any of the following methods:

Height Adjustment

Lower or raise the monitor to the desired height (0 to 130 mm).
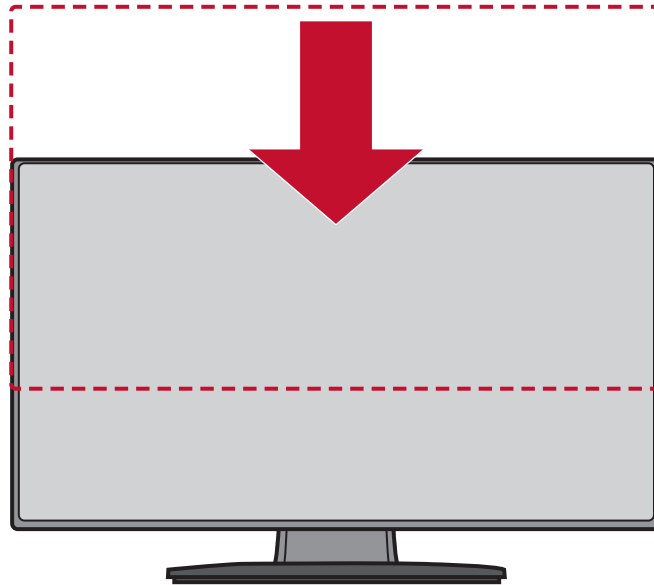
NOTE: When adjusting, press down firmly along the adjustment track holding the monitor with both hands on the side.

Tilt Angle Adjustment

Tilt the monitor forwards or backwards to the desired viewing angle (-5˚ to 21˚).
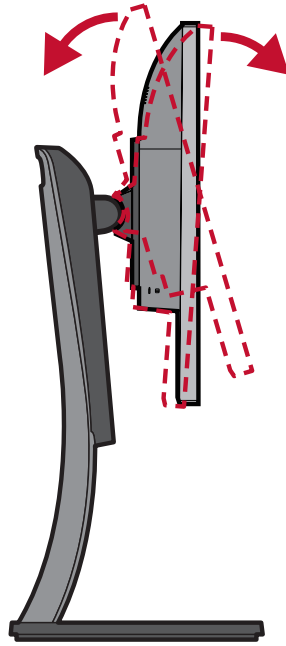
> **NOTE:** When adjusting, support the stand firmly with one hand while tilting the monitor forwards or backwards with the other hand.

Screen Orientation Adjustment (Monitor Pivot)

1. Adjust the monitor height to the highest position. Then tilt the monitor backwards to the full tilt position.
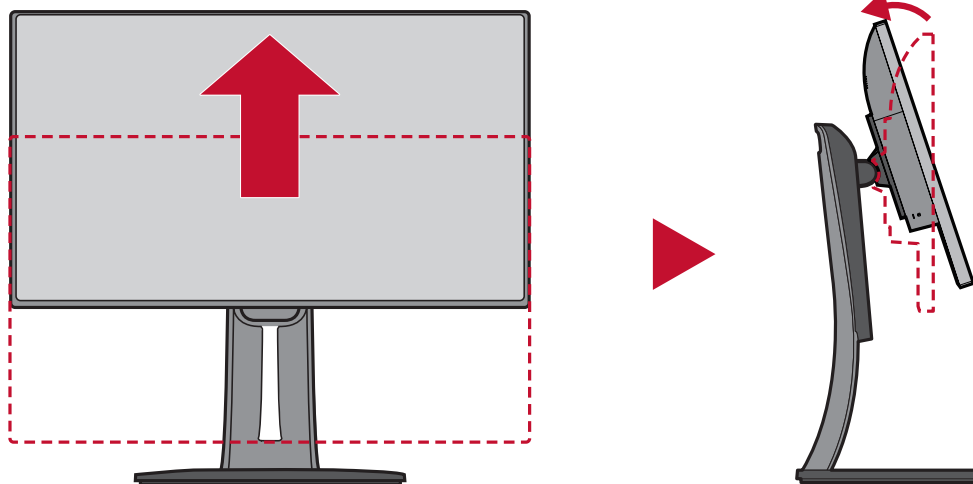
2. Rotate the monitor 90° clockwise or counter clockwise from landscape to portrait orientation.
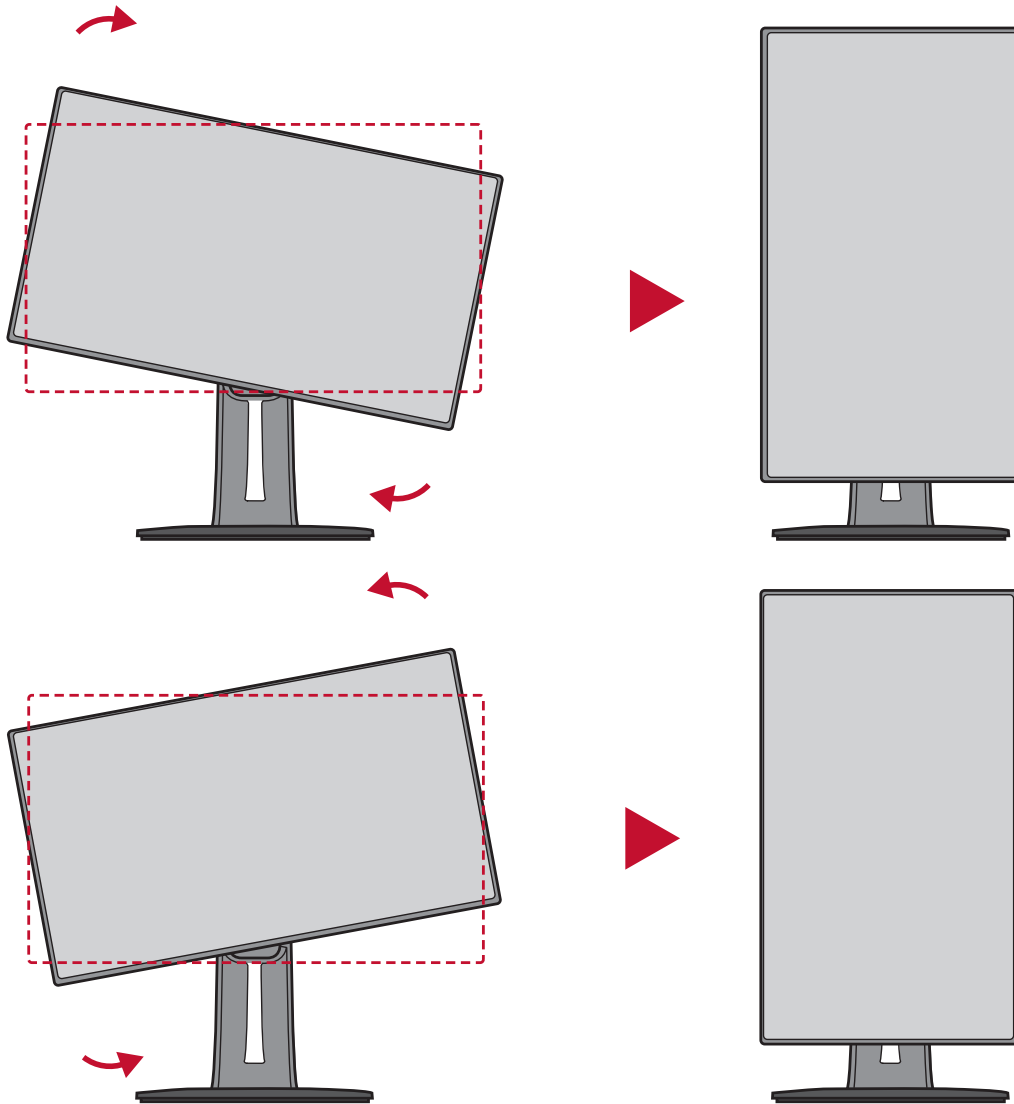
NOTE:
- When adjusting, make sure to hold both sides of your monitor firmly with both hands and rotate the monitor 90°.
- Using the "Auto Pivot" application, the system can detect the screen orientation automatically.

Swivel Angle Adjustment

Swivel the monitor to the left or right for the desired viewing angle (60˚).
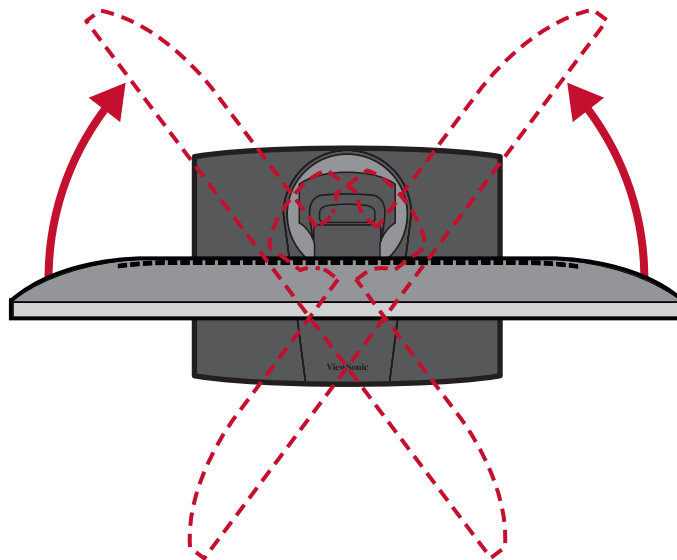
Turning the Device On/Off

1. Plug the power cord into a power outlet.

2. Touch the **Power** button to turn on the monitor.

3. To turn the monitor off, touch the **Power** button again.
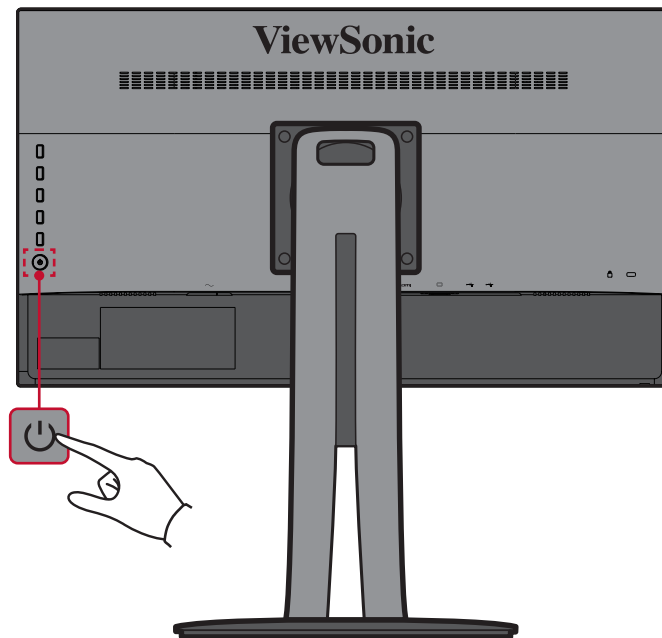
NOTE: The monitor will still consume some power as long as the power cord is connected to the power outlet. If the monitor is not being used for a long period of time, please disconnect the power plug from the power outlet.

Using the Control Panel Keys

Use the control panel keys to access the Quick Menu, activate Hot Keys, navigate the On-Screen Display (OSD) Menu, and change the settings.
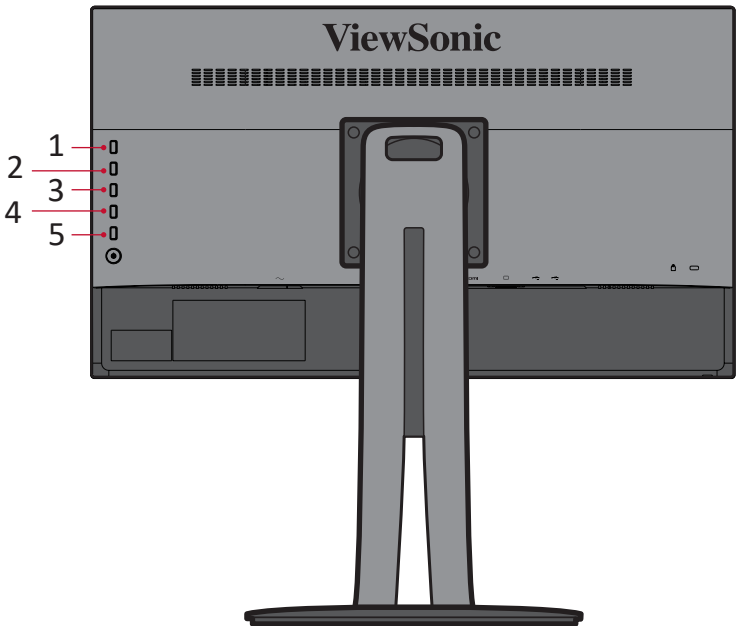
Quick Menu

Press the **1/2/3/4** key to activate the Quick Menu.

Standard Color	
Contrast/Brightness	
Input Select	
Main Menu	
Exit	
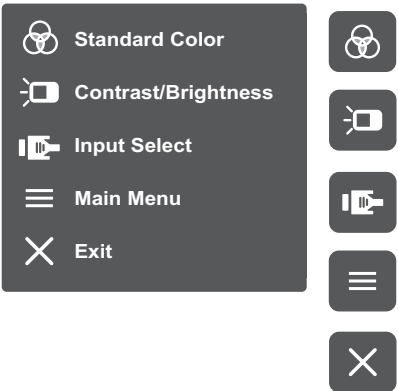
NOTE: Follow the key guide that appears on the side of the screen to select the option or make adjustments.

Standard Color

Select one of the preset color settings.

sRGB	
CAL 1	
CAL 2	
CAL 3	
Custom	

⬒ Contrast/Brightness

Adjust the contrast or brightness level.

| Contrast | 70 |
| Brightness | 100 |
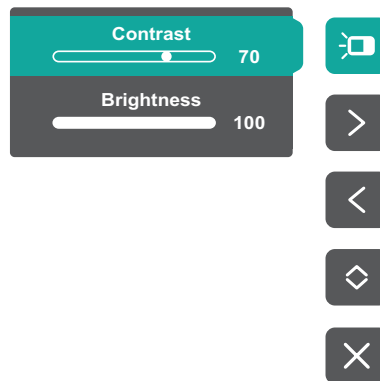
⬒ Input Select

Select the input source.

DisplayPort
HDMI
D-Sub
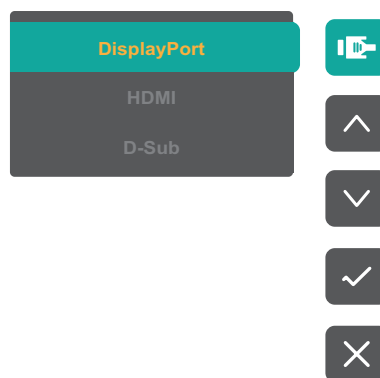
☰ Main Menu

Enter the On-Screen Display (OSD) Menu.

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| Input Select | ViewMode | Color Adjust | Manual Image Adjust | Setup Menu |

DisplayPort
HDMI
D-Sub
Auto Detect ▶

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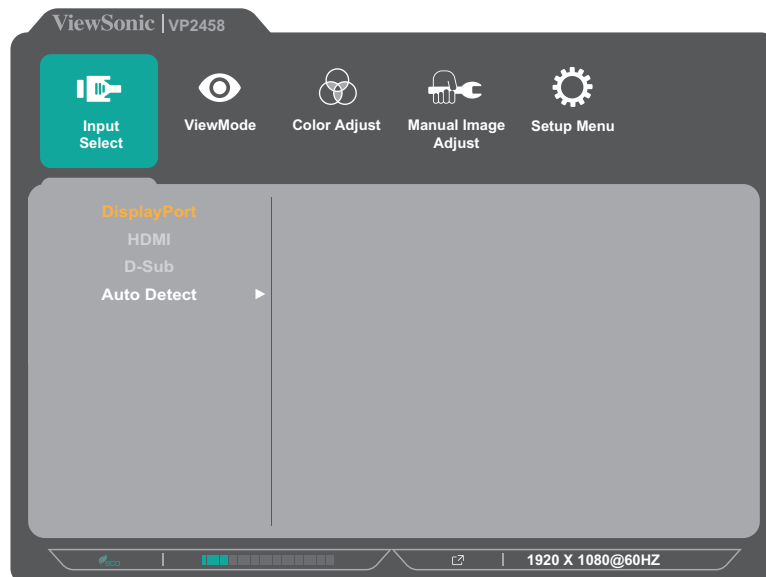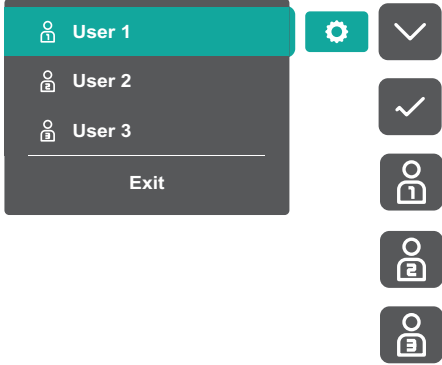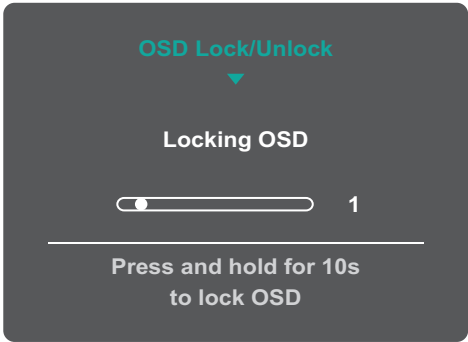
✕ Exit

Exit the Quick Menu.

> **NOTE:** Use the **5** key to exit the Quick Menu.

Hot Keys

When the On-Screen Display (OSD) Menu is off, you can quickly access special functions by using the control panel keys.

Key	Description
1	Press and hold the key for 5 seconds to enter the "User Mode" menu. Then select the desired user mode to activate it. User 1 User 2 User 3 Exit
5	Press the key to enable/disable the Blue Light Filter. **Blue Light Filter** ▼ **On** **NOTE:** Viewing computer screens for extended periods of time may cause eye irritation and discomfort. To reduce these effects, it is recommended to take periodic breaks from viewing to allow the eyes to relax.

Key	Description
2 + 3	Press and hold the keys to lock/unlock the OSD Menu.
	When the menu appears on the screen, continue holding both keys for 10 seconds to lock/unlock the OSD Menu.
	OSD Lock/Unlock ▼ Locking OSD ◁━━━━━ 1 Press and hold for 10s to lock OSD
	If the OSD Menu is locked, the below message will appear on the screen:
	OSD Lock/Unlock ▼ OSD Locked

Key	Description
2 + 4	Press and hold the keys to lock/unlock the **Power** button. When the menu appears on the screen, continue holding both keys for 10 seconds to lock/unlock the **Power** button. Power Lock/Unlock ▼ **Locking Power Button** 3 **Press and hold for 10s to lock power** If the **Power** button is locked, the below message will appear on the screen: Power Lock/Unlock ▼ **Power Button Locked**
3 + 5	Press the keys to display/hide the boot up screen when the device is turned on. Boot Up Screen On/Off ▼ **Off** **Press to turn on**

Configuring the Settings

General Operations

1. Press the **1/2/3/4** key to activate the Quick Menu. Then press the **4** key to display the On-Screen Display (OSD) Menu.
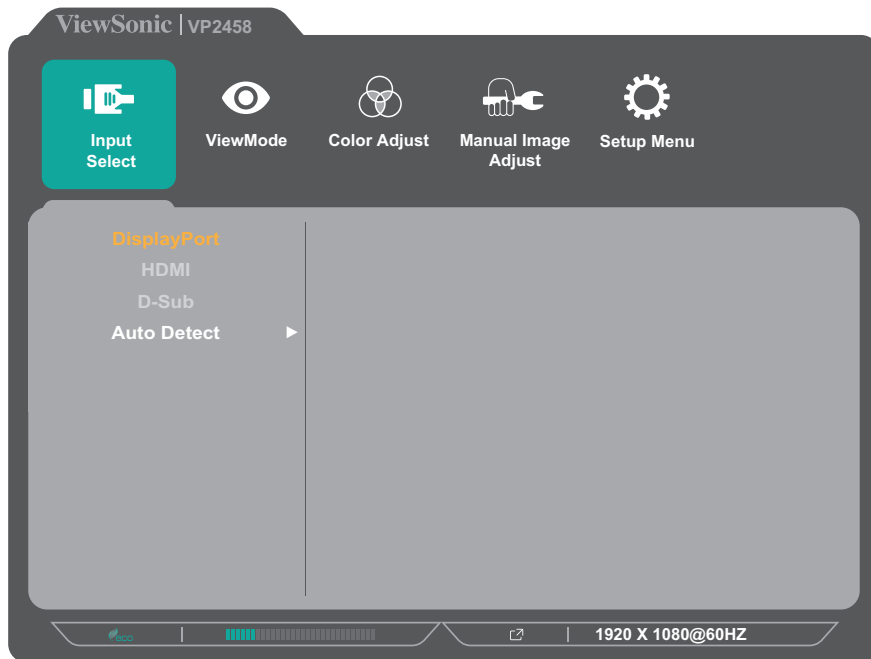
2. Press the **1** or **2** key to select the main menu. Then press the **3** key to enter the selected menu.
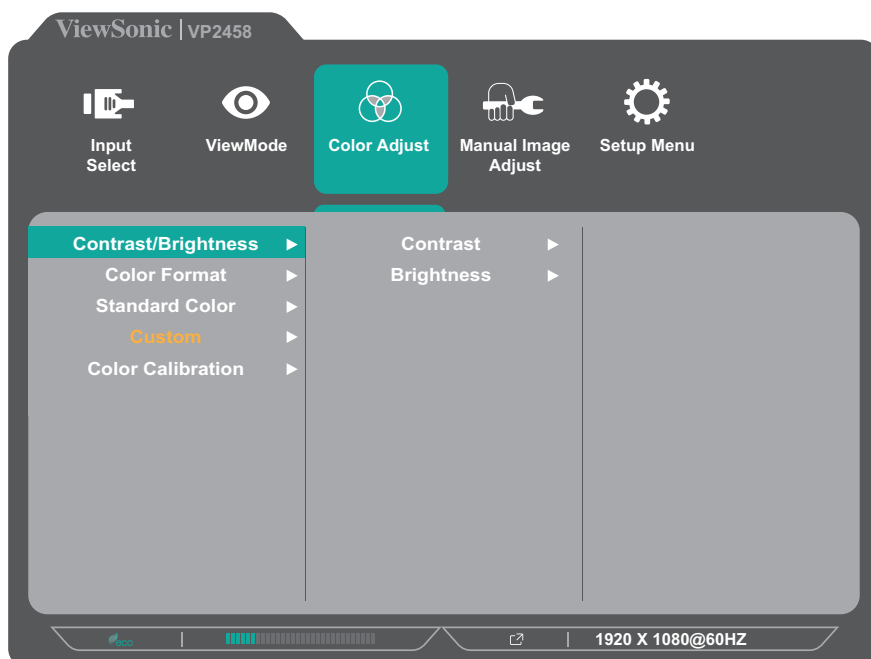
3. Press the **1** or **2** key to select the desired menu option. Then press the **3** key to enter the sub-menu.
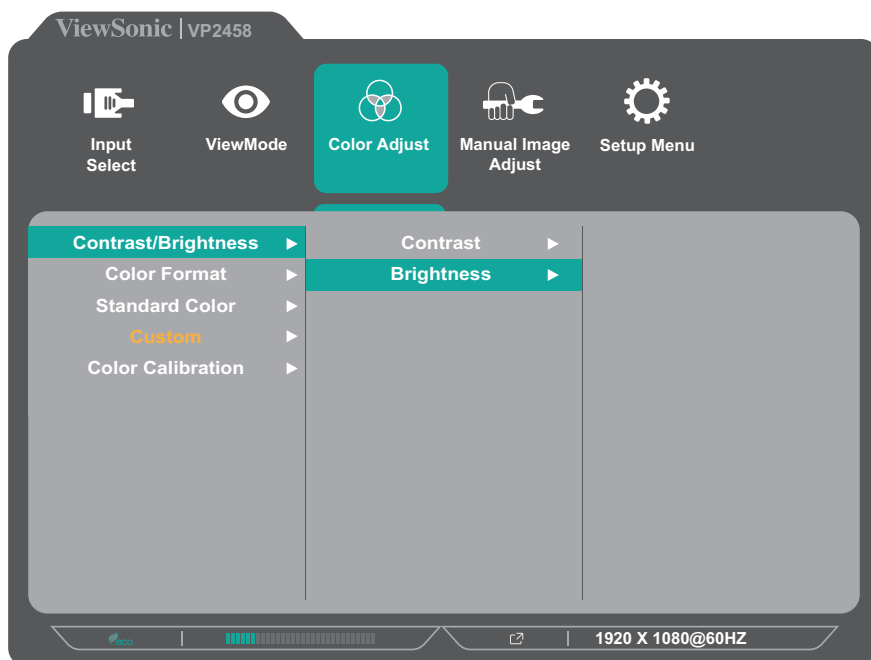
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Input Select	ViewMode	Color Adjust	Manual Image Adjust	Setup Menu

Contrast/Brightness ▶	Contrast ▶
Color Format ▶	Brightness ▶
Standard Color ▶	
Custom ▶	
Color Calibration ▶	

1920 X 1080@60HZ

4. Press the **1** or **2** key to adjust/select the setting. Then press the **3** key to confirm.

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Input Select	ViewMode	Color Adjust	Manual Image Adjust	Setup Menu

Contrast/Brightness ▶	Contrast ▶	50
Color Format ▶	Brightness ▶	
Standard Color ▶		
Custom ▶		
Color Calibration ▶		

1920 X 1080@60HZ
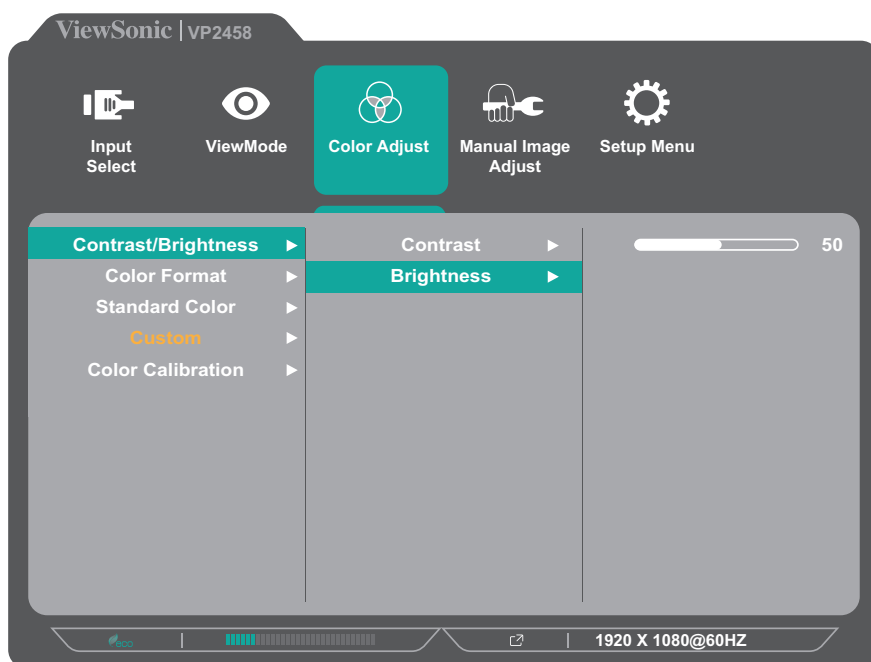
NOTE: Certain menu option adjustments do not require the user to press the **3** key to confirm the selection. Follow the key guide that appears on the side of the screen to select the option or make adjustments.
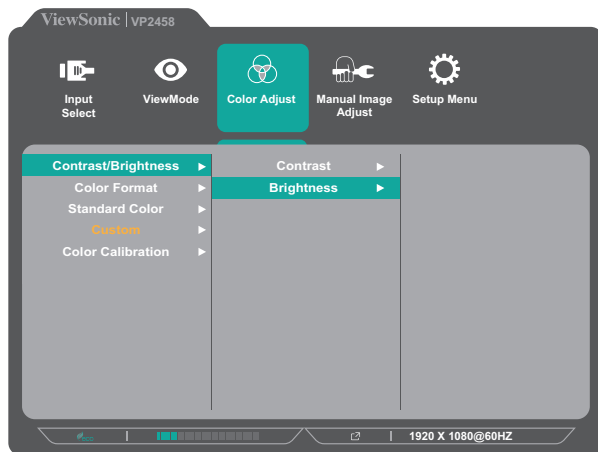
Key Guide
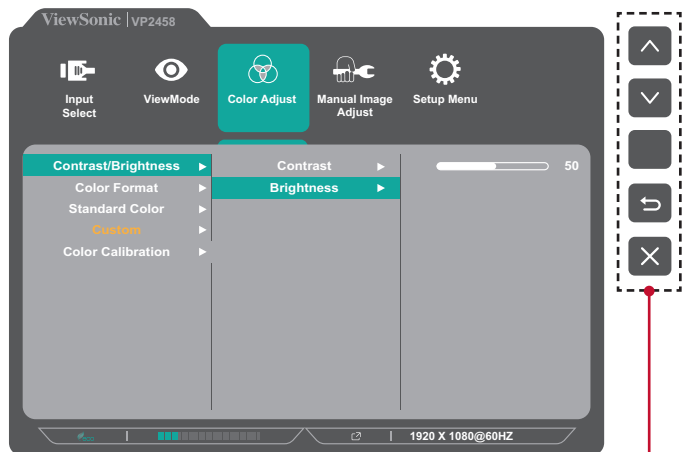
Key Guide

5. Press the **4** key to return to the previous menu.

    NOTE: To exit the OSD Menu, press the **4** key until the OSD Menu disappears.

On-Screen Display (OSD) Menu Tree

Main Menu	Sub-menu	Menu Option		
Input Select	DisplayPort	**32**		
	HDMI			
	D-Sub			
	Auto Detect	On		
		Off		
ViewMode	Off			
	Game	FPS1		
		FPS2		
		RTS		
		MOBA		
	Movie			
	Web			
	Text			
	MAC	Ultra Clear	(-/+, 0~10)	
	Designer	CAD/CAM	Ultra Clear	
			Advanced-Sharpness	
			Advanced-Gamma	
		Animation	Ultra Clear	
			Advanced-Sharpness	
			Black Stabilization	
		Video Edit	Ultra Clear	
			Advanced-Sharpness	
			Advanced-Gamma	

Main Menu	Sub-menu	Menu Option		
ViewMode	Photographer	Retro	Ultra Clear	(-/+, 0~10)
			Advanced-Sharpness	(-/+, 0/25/50/75/100)
			Advanced-Gamma	(-/+, 1.8/2.0/2.2/2.4/2.6)
		Photo	Ultra Clear	(-/+, 0~10)
			Advanced-Sharpness	(-/+, 0/25/50/75/100)
			Advanced-Gamma	(-/+, 1.8/2.0/2.2/2.4/2.6)
			TruTone	(-/+, 0~100)
		Landscape	Ultra Clear	(-/+, 0~10)
			Advanced-Sharpness	(-/+, 0/25/50/75/100)
			Advanced-Gamma	(-/+, 1.8/2.0/2.2/2.4/2.6)
			TruTone	(-/+, 0~100)
		Portrait	Ultra Clear	(-/+, 0~10)
			Advanced-Sharpness	(-/+, 0/25/50/75/100)
			Advanced-Gamma	(-/+, 1.8/2.0/2.2/2.4/2.6)
			TruTone	(-/+, 0~100)
			Skin Tone	(-/+, 0~10)
			Black Stabilization	(-/+, 0~10)
		Monochrome	Advanced-Sharpness	(-/+, 0/25/50/75/100)
			TruTone	(-/+, 0~100)

Main Menu	Sub-menu	Menu Option		
Color Adjust	Contrast/ Brightness	Contrast	(-/+, 0~100)	
		Brightness	(-/+, 0~100)	
	Color Format	Auto		
		RGB (Full Range)		
		RGB (Limited Range)		
		YUV (Full Range)		
		YUV (Limited Range)		
	Standard Color	sRGB		
	Custom	Color Temperature	Panel Default	
			Bluish	9300K
			Cool	7500K
			Native	6500K
			Warm	5000K
			User	
		Gamma	Off	
			1.8	
			2.0	
			2.2	
			2.4	
			2.6	
		Black Stabilization	(-/+, 0~10)	
		Advanced DCR	(-/+, 0/25/50/75/ 100)	
		Gain	Red	(-/+, 0~100)
			Green	(-/+, 0~100)
			Blue	(-/+, 0~100)
		Offset	Red	(-/+, 0~100)
			Green	(-/+, 0~100)
			Blue	(-/+, 0~100)
		Hue	Red	(-/+, 0~100)
			Green	(-/+, 0~100)
			Blue	(-/+, 0~100)
			Cyan	(-/+, 0~100)
			Magenta	(-/+, 0~100)
			Yellow	(-/+, 0~100)

Main Menu	Sub-menu	Menu Option		
Color Adjust	Custom	Saturation	Red	(-/+, 0~100)
			Green	(-/+, 0~100)
			Blue	(-/+, 0~100)
			Cyan	(-/+, 0~100)
			Magenta	(-/+, 0~100)
			Yellow	(-/+, 0~100)
		Recall		
	Color Calibration	CAL 1		
		CAL 2		
		CAL 3		
		Calibration Notice	Remind Schedule	(-/+, 0/1/10/100/200/ 500/1000/2000/3000)
			Counter Hour	
		Recall		
Manual Image Adjust	Auto Image Adjust			
	Horizontal Size	(-/+, 0~100)		
	H./V. Position	Horizontal Position	(-/+, 0~100)	
		Vertical Position	(-/+, 0~100)	
	Fine Tune	(-/+, 0~100)		
	Sharpness	(-/+, 0~100)		
	Aspect Ratio	4:3		
		Full Screen		
	Overscan	On		
		Off		
	Low Input Lag	On		
		Off		
	Response Time	Standard		
		Advanced		
		Ultra Fast		
	Blue Light Filter	(-/+, 0~100)		

Main Menu	Sub-menu	Menu Option	
Setup Menu	Language	English	
		Français	
		Deutsch	
		Español	
		Italiano	
		Suomi	
		Русский	
		Türkçe	
		日本語	
		한국어	
		繁體中文	
		简体中文	
		Česká	
		Svenska	
	Resolution Notice	On	
		Off	
	Information		
	OSD Timeout	(-/+, 5/15/30/60)	
	OSD Background	On	
		Off	
	OSD Pivot	Auto	
		0˚	
		+90˚	
		-90˚	
	Power Indicator	On	
		Off	
	Auto Power Off	On	
		Off	
	Sleep	30 Minutes	
		45 Minutes	
		60 Minutes	
		120 Minutes	
		Off	

Main Menu	Sub-menu	Menu Option		
Setup Menu	Eco Mode	Standard		
		Optimize		
		Conserve		
		USB Charging	On	
			Off	
	DisplayPort 1.1	On		
		Off		
	DDC/CI	On		
		Off		
	Save As	User 1		
		User 2		
		User 3		
		Recall		
	All Recall			

Menu Options

Input Select

1. Press the **1/2/3/4** key to display the Quick Menu. Then press the **4** key to display the OSD Menu.

2. Press the **1** or **2** key to select **Input Select**. Then press the **3** key to enter the **Input Select** menu.
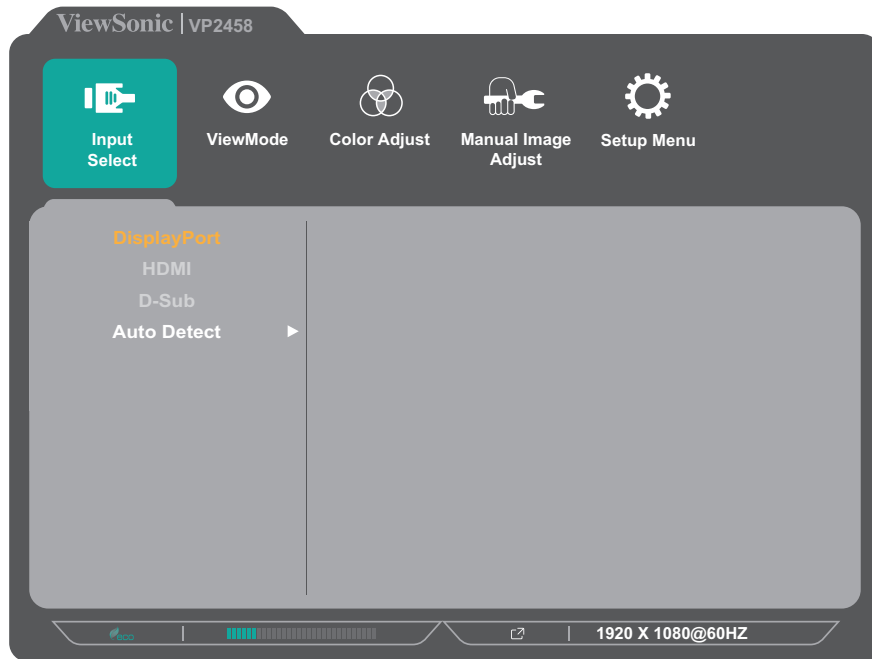
3. Press the **1** or **2** key to select the desired input source. Then press the **3** key to confirm the selection.

ViewMode

> **NOTE:** When a ViewMode is selected, the **5** key activates the Quick Menu.

1. Press the **1/2/3/4** key to display the Quick Menu. Then press the **4** key to display the OSD Menu.

2. Press the **1** or **2** key to select **ViewMode**. Then press the **3** key to enter the **ViewMode** menu.

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Input Select	ViewMode	Color Adjust	Manual Image Adjust	Setup Menu

Off
Game ▶
Movie
Web
Text
MAC ▶
Designer ▶
Photographer ▶

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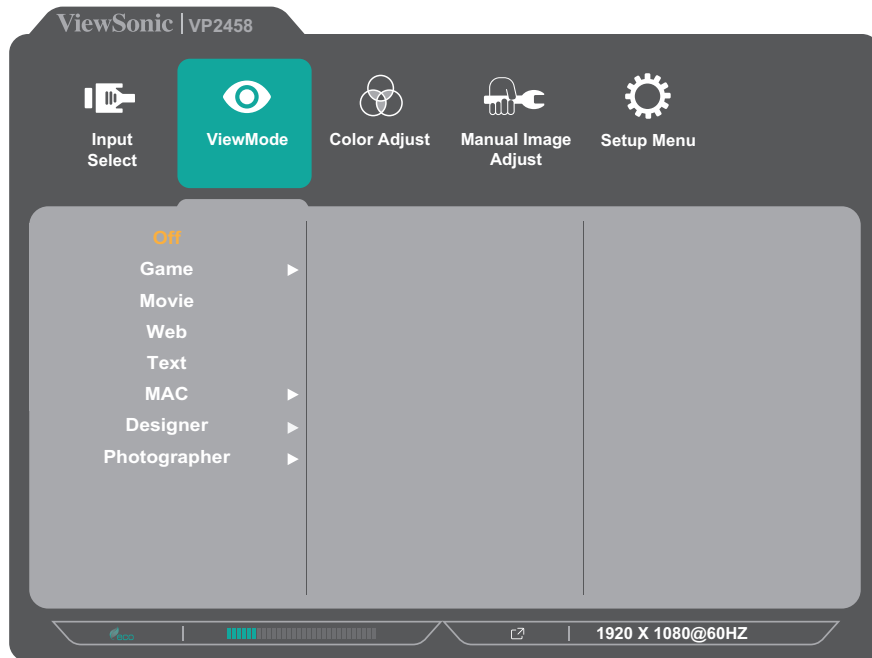
3. Press the **1** or **2** key to select the setting. Then press the **3** key to confirm the selection.

Menu Option	Description
Off	Disable the function.
Game	Select this option for playing games.
Movie	Select this option for watching movies.
Web	Select this option for surfing the web.
Text	Select this option for text-based tasks.
MAC	Select this option when connecting to Mac computers.
Designer	Select this option for viewing graphic design files.
Photographer	Select this option for viewing photo files.

Color Adjust

> **NOTE:** Some sub-menus may not be adjustable depending on the user's custom settings.

1. Press the **1/2/3/4** key to display the Quick Menu. Then press the **4** key to display the OSD Menu.

2. Press the **1** or **2** key to select **Color Adjust**. Then press the **3** key to enter the **Color Adjust** menu.

3. Press the **1** or **2** key to select the menu option. Then press the **3** key to enter its sub-menu.

4. Press the **1** or **2** key to select the setting. Then press the **3** key to confirm the selection.

> **NOTE:** Some sub-menu options may have another sub-menu. To enter the respective sub-menu, press the **3** key. Follow the key guide that appears on the side of the screen to select the option or make adjustments.

Menu Option	Description
Contrast/ Brightness	<u>Contrast</u> Adjust the degree of difference between the lightest and darkest parts of the picture and change the amount of black and white in the image. <u>Brightness</u> Adjust the background black levels of the screen image.

Menu Option	Description
Color Format	The monitor can detect the input signal color range automatically. You can manually change the color range options to fit the correct color range if the colors are not displayed correctly. • Auto: Automatically recognizes the color format and black and white levels. • RGB (Full Range): The input signal color format is RGB and the black and white levels are full. • RGB (Limited Range): The input signal color format is RGB and the black and white levels are limited. • YUV (Full Range): The input signal color format is YUV and the black and white levels are full. • YUV (Limited Range): The input signal color format is YUV and the black and white levels are limited.
Standard Color	The monitor comes with several display industry color standards. Each color mode can be selected for applications of the monitor. • sRGB: Precise color gamut and gamma of sRGB standard.
Custom	Color Temperature Select the color temperature setting. • Panel Default: Use the default settings of the monitor. • Bluish: Set the color temperature to 9300K. • Cool: Set the color temperature to 7500K • Native: Default color temperature. Recommended for regular use. • Warm: Set the color temperature to 5000K. • User Color: Adjust red, green, and blue values as desired.

Menu Option	Description
Custom	Gamma
	Manually adjust the brightness level of the monitor's grayscale levels.
	Black Stabilization
	Provide heightened visibility and detail by brightening dark scenes.
	Advanced DCR
	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.
	Gain
	Adjust white temperature to customize your USER COLOR (can be saved in User Mode) or a specific color temperature and gain value (red, green, blue).
	Offset
	Adjust black levels for red, green, and blue. The gain and offset functions allow users to control the white balance for the upmost control when manipulating contrast and dark scenes.
	Hue
	Adjust the tint of each color (red, green, blue, cyan, magenta, and yellow).
	Saturation
	Adjust the color depth of each color (red, green, blue, cyan, magenta, and yellow).
	Recall
	Restore custom related settings to default.

Menu Option	Description

Color Calibration	Calibrate the monitor using the ViewSonic® Colorbration application with specific color sensors.
	
	• CAL 1: Display with the 1st user calibration mode.
	• CAL 2: Display with the 2nd user calibration mode.
	• CAL 3: Display with the 3rd user calibration mode.
	• Color Calibration Notice: Configure the calibration notice settings.
	  » Reminder Schedule Hour: Set the schedule for calibration reminder message.
	  » Counter Hour: Display the accumulated time from the last calibration.
	• Recall: Reset the **Color Calibration** related settings to default.

Manual Image Adjust

1. Press the **1/2/3/4** key to display the Quick Menu. Then press the **4** key to display the OSD Menu.

2. Press the **1** or **2** key to select **Manual Image Adjust**. Then press the **3** key to enter the **Manual Image Adjust** menu.
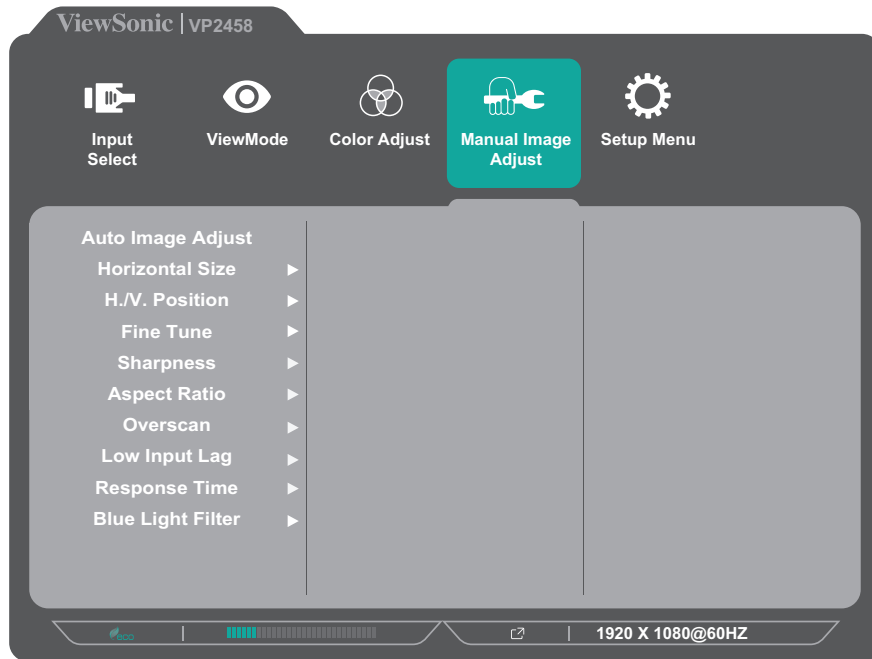
ViewSonic	VP2458				
	Input Select	ViewMode	Color Adjust	Manual Image Adjust	Setup Menu

Auto Image Adjust
Horizontal Size ▶
H./V. Position ▶
Fine Tune ▶
Sharpness ▶
Aspect Ratio ▶
Overscan ▶
Low Input Lag ▶
Response Time ▶
Blue Light Filter ▶

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3. Press the **1** or **2** key to select the menu option. Then press the **3** key to enter its sub-menu.

4. Press the **1** or **2** key to adjust/select the setting. Then press the **3** key to confirm (if applicable).

Menu Option	Description
Auto Image Adjust	Automatically adjust the screen image position.
Horizontal Size	Stretch or shorten the screen on its horizontal axis.
H./V. Position	Adjust the screen horizontally and/or vertically.
Fine Tune	Improve distorted image quality from an analog signal.
Sharpness	Adjust the picture quality.
Aspect Ratio	Select the aspect ratio of the monitor.
Overscan	Automatically enlarge the original picture horizontally and vertically to an equal aspect ratio that fills the screen.
Low Input Lag	Select the appropriate speed to decrease input to output latency.

Menu Option	Description
Response Time	Adjust 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.
Blue Light Filter	Adjust the filter that blocks high-energy blue light for a more comfortable viewing experience.

Setup Menu

1. Press the **1/2/3/4** key to activate the Quick Menu. Then press the **4** key to display the OSD Menu.

2. Press the **1** or **2** key to select **Setup Menu**. Then press the **3** key to enter the **Setup Menu** menu.

```
ViewSonic | VP2458

 Input      ViewMode   Color Adjust   Manual Image   Setup Menu
 Select                               Adjust

 Language Select      ▶
 Resolution Notice    ▶
 Information
 OSD Timeout          ▶
 OSD Background       ▶
 OSD Pivot            ▶
 Power Indicator      ▶
 Auto Power Off       ▶
 Sleep                ▶
 ECO Mode             ▶
 DisplayPort 1.1      ▶

                                         1920 X 1080@60HZ
```

3. Press the **1** or **2** key to select the menu option. Then press the **3** key to enter its sub-menu.

4. Press the **1** or **2** key to select the setting. Then press the **3** key to confirm the selection.

   NOTE: Some sub-menu options may have another sub-menu. To enter the respective sub-menu, press the **3** key. Follow the key guide that appears on the side of the screen to select the option or make adjustments.

Menu Option	Description
Language Select	Select an available language for the OSD Menu.
Resolution Notice	Enable this option to allow the system to inform users that the current viewing resolution is not the correct native resolution. **Resolution Notice** For best picture quality, change resolution to 1920x1080 Clear Message Disable Message Press the **1** key to hide the message or press the **3** key to disable this function.
Information	Display the monitor's information.
OSD Timeout	Set the length of time the OSD Menu remains on the screen.
OSD Background	Show/Hide the OSD background when the OSD Menu appears on the screen.
OSD Pivot	Set the OSD Menu orientation. • Auto: With built-in G sensor, the OSD Menu can auto pivot when the monitor is positioned vertically. • 0 °: Sets the OSD Menu without pivot. • +90 °: Sets the OSD Menu with a +90 ° pivot. • -90 °: Sets the OSD Menu with a -90 ° pivot.
Power Indicator	Set the power indicator On or Off. If the setting is set to **On**, the power indicator lights blue when the device is turned on.
Auto Power Off	Enable this option to allow the monitor to automatically turn off after a certain amount of time.
Sleep	Set the amount of idle time before the monitor enters *Sleep mode*.
ECO Mode	Choose between various modes, based on power consumption.
DisplayPort 1.1	Enable/Disable DisplayPort 1.1 support.

Menu Option	Description
DDC/CI	Enable this option to allow the monitor control via the graphics card.
Save As	Set the personalized OSD configurations for User 1/User 2/ User 3.
All Recall	Resets all settings to their default values.

> Advanced Features and Settings

This section describes advanced features of the monitor.

Colorbration

To ensure long-term color accuracy, some specific models support hardware color calibration function. The monitor comes with the Colorbration application. The application installation file is in the software folder of the ViewSonic® CD. Or you can visit: http://color.viewsonic.com/support/software/ to check and download the latest version of the Colorbration application.

Standard monitor packing does not include the color sensor, which the Colorbration application needs for the calibration process.

However, if you purchased our ViewSonic®'s Colorbration kit, it includes the CSXRi1 color sensor, which has been co-developed with X-Rite to provide the best solution for displaying long-term color accuracy. CS-XRi1 is X-Rite's next generation colorimeter, which utilizes a redesigned optical system, filter technology, calibration architecture, and intelligent form factor to be paired with ViewSonic®'s Colorbration application to deliver unrivalled color accuracy, repeatability, and device longevity.

> **NOTE:** Best with ViewSonic® CS-XRi1, compatible with X-Rite i1Display Pro and i1 Pro 2.

Auto Pivot

With the Auto Pivot function, the monitor can detect the image display and adjust the image's orientation on the screen automatically when pivoting the screen vertically or horizontally.

The application installation file is in the software folder of the ViewSonic® CD. Or you can visit: http://color.viewsonic.com/support/software/ to check and download the latest version of the Auto Pivot application.

> **NOTE:** The Auto Pivot function uses DDC/CI to communicate with the monitor. Before applying the Auto Pivot function, please make sure the DDC/CI setting is set to **On**.

To enable the DDC/CI setting, do the following:

1. Open the OSD Menu and select the **Setup Menu** menu. Then press the **3** key to enter the menu.

2. Press the **1** or **2** key to select **DDC/CI**. Then press the **3** key to enter its sub-menu.

3. Press the **1** or **2** key to select **On**. Then press the **3** key to confirm.
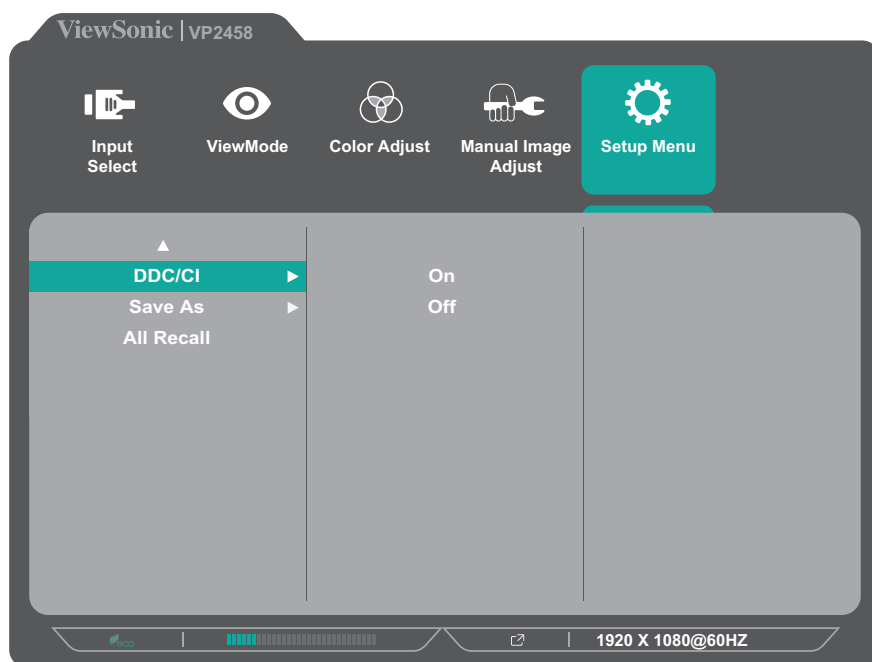
# Firmware Update

For the best display performance and to resolve any known issues, it is best to keep your monitor updated with the latest firmware version. With the USB cable and firmware update tool, you can easily update your monitor firmware any time.

You can visit: https://color.viewsonic.com/support/software/ to check and download the latest firmware version with the update tool.

To update the firmware, do the following:

1. Check and download the Firmware Update Tool with the latest firmware version for your monitor from: http://color.viewsonic.com/support/software/.

2. Connect the USB Type B male cable (square with 2 cut corners) to the USB Type B port of your monitor. Then connect the other end of the cable to the USB port of your computer.
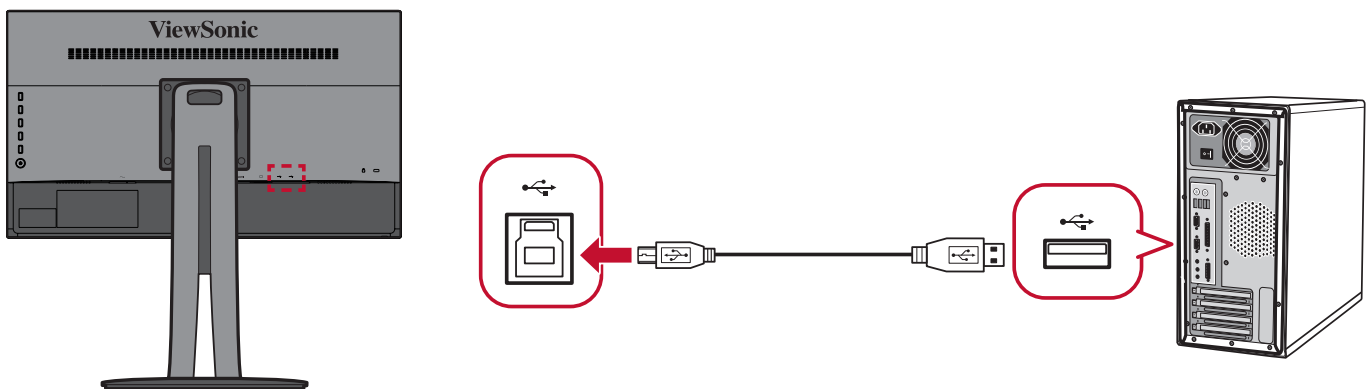
3. Unzip the downloaded Firmware Update Tool and double-click on the .exe file or .pkg file. Then follow the on-screen instructions to complete the application installation.

4. Launch the Firmware Update Tool. The application will automatically detect and verify your monitor model and current firmware version.

5. Click **Update** to upgrade your monitor firmware, and wait until the upgrade process is complete.
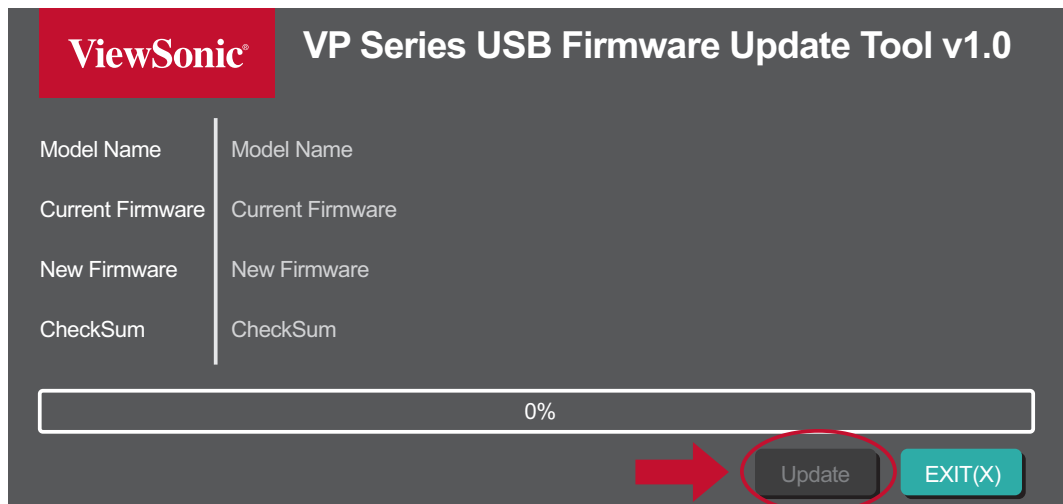
CAUTION: Any interruptions during the firmware upgrade process may permanently damage your monitor. Do not disconnect the USB cable or turn off your PC and monitor.

> Appendix

Specifications

Item	Category	Specifications
LCD	Type	IPS, Active Matrix 1920 X 1080 LCD; 0.2745 (H)mm x 0.2745(V)mm pixel pitch
	Display Size	60.47 cm, 24" (23.8" viewable)
	Color Filter	RGB vertical stripe
	Glass Surface	Anti-Glare type, 3H hard coating
Input Signal	Video Sync	TMDS digital (100 Ω) f_h:55-90 Khz, f_v:48-75 hz
Compatibility	PC	Up to 1920 x 1080
	Macintosh	Up to 1920 x 1080
Resolution[1]	Recommended	1920 x 1080 @ 60Hz
	Supported	1920 x 1080 @ 60Hz 1680 x 1050 @60Hz 1440 x 900 @ 60Hz 1280 x 1440 @ 60Hz 1280 x 1024 @ 60, 75Hz 1024 x 768 @ 60, 70, 75Hz 800 x 600 @ 56, 60, 72, 75Hz 720 x 400 @ 70Hz 640 x 480 @ 60, 72, 75Hz
Power[2]	Input Voltage	AC 100-240V, 50/60 Hz (auto switch)
Display area	Full Scan (H x V)	527.04 x 296.46 mm (20.75" x 11.67")
Operating conditions	Temperature	0°C to 40°C (32°F to 104°F)
	Humidity	20% to 90% (non-condensing)
	Altitude	Up to 16,404 feet (4.9 km)
Storage conditions	Temperature	-20°C to 60°C (-4°F to 140°F)
	Humidity	5% to 90% (non-condensing)
	Altitude	To 40,000 feet (12 km)
Dimensions	Physical (W x H x D)	538.67 x 521.57 x 215 mm (21.21" x 20.53" x 8.46")
Wall Mount	Dimensions	100 x 100 mm
Weight	Physical	5.7 kg (12.54 lbs)

Item	Category	Specifications
Power saving modes	On[3]	17.5W (Typical) (Blue LED)
	Off	< 0.3W

[1] Do not set the graphics card in your computer to exceed these timing modes; doing so may result in permanent damage to the display.

[2] Please use the power adapter from ViewSonic® or an authorized source only.

[3] The test condition follows EEI standard.

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Glossary

This section describes the standard glossary of terms used in all LCD display models. All terms are listed in alphabetical order.

NOTE: Some terms may not be applicable to your device.

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 the current input source has no signal, the monitor will automatically switch to the next input option. This function on some models is disabled by default.

B

Black Stabilization

ViewSonic'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 more comfortable viewing experience.

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 the user's needs.

Color Format

The monitor can detect the input signal color format automatically. You can manually change the color format options to fit the correct color format range if the colors are not displayed correctly.

Options	Description
Auto	The monitor automatically recognizes the color format and the black and white levels.
RGB (Full Range)	The input signal color format is RGB and the black and white levels are full.
RGB (Limited Range)	The input signal color format is RGB and the black and white levels are limited.
YUV (Full Range)	The input signal color format is YUV and the black and white levels are full.
YUV (Limited Range)	The input signal color format is YUV and the black and white levels are limited.

Color Space

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

Color Temperature

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

Panel Default	Panel original status
sRGB	Standard color space used for the Windows system.
Bluish	Set the color temperature to 9300K.
Cool	Set the color temperature to 7500K.
Native	Default color temperature. Recommended for general use.
Warm	Set the color temperature to 5000K.

Contrast

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

G   **Gain**

Adjusts the white temperature to customize your USER COLOR, which can be saved in "User Mode", or a specific color temperature and gain value (red, green, and blue).

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.

Gamma

Allows users to manually adjust the brightness level of the monitor's grayscale levels.

H   **Hue**

Adjusts the tint of each color (red, green, blue, cyan, magenta, and yellow).

I   **Information**

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

> **NOTE:** VESA 1024 x 768 @ 60Hz, for example, means that the resolution is 1024 x 768 and the refresh rate is 60Hz.

Input Select

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

L   **Low Input Lag**

ViewSonic® offers low input lag, utilizing a monitor process reducer, which decreases signal latency. Under the "Low Input Lag" sub-menu, you can select the appropriate speed for your desired use from the two options.

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.

> **NOTE:** (Exception) This control does not affect changes made in the "Language Select" or "Power Lock Setting".

O **Offset**

Adjusts black levels for red, green, and blue. The gain and offset functions allow users to control the white balance for the upmost control when manipulating contrast and dark scenes.

OSD Pivot

Sets the monitor OSD Menu display direction.

Options	Description
Auto	With a built-in G sensor, the OSD can auto pivot when positioned vertically.
0°	Sets the OSD Menu without a pivot.
+90°	Sets the OSD Menu with a +90° pivot.
-90°	Sets the OSD Menu with a -90° pivot.

Overscan

Refers to a cropped image on your monitor's screen. A setting on your monitor zooms in on movie content, so that you can't see the outermost edges of the film.

R **Recall**

Resets the ViewMode monitor settings.

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.

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.

S **Saturation**

Adjusts the color depth of each color (red, green, blue, cyan, magenta, and yellow).

Save As

The OSD save function is located in the main menu. There are profiles which allows the user to save their OSD settings.

Setup Menu

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

Sharpness

Adjusts the picture quality of the monitor.

Standard Color

The monitor comes with several display industry color standards. Each color mode can be selected for specific monitor applications.

Options	Description
sRGB	Precise color gamut and gamma of sRGB standard.
Native	Original color presented by the LCD panel.

V **ViewMode**

ViewSonic's unique ViewMode feature offers "Standard", "FPS Game", "RTS Game", "MOBA Game", "Movie", "Web", "Text", "MAC", and "Mono" presets. These presets are specifically designed to deliver an optimized viewing experience for different screen applications.

Troubleshooting

This section describes some common problems that you may experience when using the monitor.

Problem or Issue	Possible Solutions
No power	• Make sure you have turned on the monitor. Otherwise, touch the **Power** button to turn on the monitor. • Make sure the power cord is properly and securely connected to the monitor. • Plug another electrical device into the power outlet to verify that the outlet is supplying power.
Power is On, but no image appears on the screen	• Make sure the video cable connecting the monitor to the computer is properly and securely connected. • Check for broken pins in the video cable connector. • Adjust the brightness and contrast settings. • Make sure the correct input source is selected.
Wrong or abnormal colors	• If any colors (red, green, or blue) are missing, check the video cable to make sure it is properly and securely connected. Loose or broken pins in the cable connector could cause an improper connection. • Connect the monitor to another computer.
Screen image is too light or dark	• Adjust brightness and contrast settings via the OSD Menu. • Reset the monitor to factory settings.
Screen image cuts in and out	• Make sure the correct input source is selected. • Check for bent or broken pins in the video cable connector. • Make sure the video cable connecting the monitor to the computer is properly and securely connected.
Screen image or text is blurred	• Adjust the resolution to the correct Aspect Ratio. • Reset the monitor to factory settings.
The screen isn't centered correctly	• Adjust the horizontal and vertical controls via the OSD Menu. • Check the Aspect Ratio. • Reset the monitor to factory settings.

Problem or Issue	Possible Solutions
The screen appears yellow	• Make sure the "Blue Light Filter" is Off.
The OSD Menu does not appear on the screen/the OSD controls are inaccessible	• Check whether the OSD Menu is locked. If yes, press and hold the **2** and **3** key for 10 seconds. • Turn off the monitor, unplug the power cord, plug it back in, and then turn on the monitor. • Reset the monitor to factory settings.
Control panel keys do not work	• Press only one key at a time. • Restart the computer.
Some menus aren't selectable in the OSD	• Adjust the ViewMode or the input source. • Reset the monitor to factory settings.
The monitor will not adjust	• Make sure there are no obstructions near or on the monitor, and that there is adequate spacing.
USB devices connected to the monitor do not work	• Make sure the USB cable is connected properly. • Try changing to another USB port (if applicable). • Some USB devices require a higher electric current; connect the device directly to the computer.
The external device is connected, but no image appears on the screen	• Make sure the Power is On • Adjust brightness and contrast via the OSD Menu. • Check the connecting cable and make sure it is properly and securely connected. Loose or broken pins in the cable connector could cause an improper connection.

Maintenance

General Precautions

- Make sure the monitor is turned off and the power cable is unplugged from the power outlet.
- Never spray or pour any liquid directly onto the screen or case.
- Handle the monitor with care, as a darker-colored monitor, if scuffed, may show marks more clearly than a lighter-colored monitor.

Cleaning the Screen

- Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
- If the screen is still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth; then wipe the screen.

Cleaning the Case

- Use a soft, dry cloth.
- If the case is still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

- ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the monitor.
- ViewSonic® will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Product Upgradeability and Repairability

The following is a list of hardware features available for at least 5 years after the sale of the product.	Upgradable	Repairable	Replaceable
Main Processor(s) or SOC	No	No	Yes
Memory	N/A	N/A	N/A
HDD	N/A	N/A	N/A
Wireless Networking Capability	N/A	N/A	N/A
Graphics Card	N/A	N/A	N/A
Rechargeable Battery	N/A	N/A	N/A
Fan Assembly	N/A	N/A	N/A
Camera	N/A	N/A	N/A
Fingerprint Reader	N/A	N/A	N/A
Display Assembly	No	No	Yes
Keyboard	N/A	N/A	N/A
Internal Power Supply	No	No	Yes

NOTE:*N/A = Not applicable for the product.

> Regulatory and Service Information

Compliance Information

This section addresses all connected requirements and statements regarding regulations. Confirmed corresponding applications shall refer to nameplate labels and relevant markings on the unit.

FCC Compliance Statement

This device complies with part 15 of 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. 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.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Industry Canada Statement
CAN ICES-003(B) / NMB-003(B)

CE Conformity for European Countries

The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU.

The following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE). The mark indicates the requirement NOT to dispose of the equipment as unsorted municipal waste, but use the return and collection systems according to local law.

Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr6+)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex III of the RoHS2 Directives as noted below:

- Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
    » Short length (500 mm): maximum 3.5 mg per lamp.
    » Medium length (> 500 mm and 1,500 mm): maximum 5 mg per lamp.
    » Long length (> 1,500 mm): maximum 13 mg per lamp.
- Lead in glass of cathode ray tubes.
- Lead in glass of fluorescent tubes not exceeding 0.2% by weight.
- Lead as an alloying element in aluminum containing up to 0.4% lead by weight.
- Copper alloy containing up to 4% lead by weight.
- Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
- Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Indian Restriction of Hazardous Substances

Restriction on Hazardous Substances statement (India). This product complies with the "India E-waste Rule 2011" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Product Disposal at End of Product Life

ViewSonic® respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing. Please visit the ViewSonic® website to learn more.

USA & Canada:

https://www.viewsonic.com/us/company/green/go-green-with-viewsonic/#recycle-program

Europe:

https://www.viewsoniceurope.com/eu/support/call-desk/

Taiwan:

https://recycle.epa.gov.tw/

Copyright Information

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Customer Service

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product's serial number.

Country/ Region	Website	Country/ Region	Website
Asia Pacific & Africa			
Australia	www.viewsonic.com/au/	Bangladesh	www.viewsonic.com/bd/
中国 (China)	www.viewsonic.com.cn	香港 (繁體中文)	www.viewsonic.com/hk/
Hong Kong (English)	www.viewsonic.com/hk-en/	India	www.viewsonic.com/in/
Indonesia	www.viewsonic.com/id/	Israel	www.viewsonic.com/il/
日本 (Japan)	www.viewsonic.com/jp/	Korea	www.viewsonic.com/kr/
Malaysia	www.viewsonic.com/my/	Middle East	www.viewsonic.com/me/
Myanmar	www.viewsonic.com/mm/	Nepal	www.viewsonic.com/np/
New Zealand	www.viewsonic.com/nz/	Pakistan	www.viewsonic.com/pk/
Philippines	www.viewsonic.com/ph/	Singapore	www.viewsonic.com/sg/
臺灣 (Taiwan)	www.viewsonic.com/tw/	ประเทศไทย	www.viewsonic.com/th/
Việt Nam	www.viewsonic.com/vn/	South Africa & Mauritius	www.viewsonic.com/za/
Americas			
United States	www.viewsonic.com/us	Canada	www.viewsonic.com/us
Latin America	www.viewsonic.com/la		
Europe			
Europe	www.viewsonic.com/eu/	France	www.viewsonic.com/fr/
Deutschland	www.viewsonic.com/de/	Қазақстан	www.viewsonic.com/kz/
Россия	www.viewsonic.com/ru/	España	www.viewsonic.com/es/
Türkiye	www.viewsonic.com/tr/	Україна	www.viewsonic.com/ua/
United Kingdom	www.viewsonic.com/uk/		

Limited Warranty
ViewSonic® Display

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic® will, at its sole option, and as your sole remedy, repair or replace the product with a similar product. Replacement Product or parts (e.g. system board, display panel, power board) may include remanufactured or refurbished parts or components. The repair or replacement unit or parts or components will be covered by the balance of the time remaining on the customer's original limited warranty and the warranty period will not be extended. ViewSonic® provides no warranty for any third-party software whether included with the product or installed by the customer, installation of any unauthorized hardware parts or components (e.g. Projector Lamps). (Please refer to: "What the warranty excludes and does not cover" section).

How long the warranty is effective:

ViewSonic® displays are warranted for between 1 and 3 years, depending on your country of purchase, for all parts including the light source and for all labor from the date of the first consumer purchase.

Authorized service providers will offer replacement or repair for up to five (5) years from the date of the first consumer purchase. Should the display no longer be under warranty, the repair cost will be paid by the purchaser.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty excludes and does not cover:

- Any product on which the serial number has been defaced, modified, or removed.
- Damage, deterioration, or malfunction resulting from:
    - » Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
    - » Repair or attempted repair by anyone not authorized by ViewSonic®.
    - » Damage to or loss of any programs, data, or removable storage media.
    - » Normal wear and tear.
    - » Removal or installation of the product.

- Software or data loss occurring during repair or replacement.
- Any damage of the product due to shipment.
- Causes external to the product, such as electric power fluctuations or failure.
- Use of supplies or parts not meeting ViewSonic's specifications.
- Failure of owner to perform periodic product maintenance as stated in the User Guide.
- Any other cause which does not relate to a product defect.
- Damage caused by static (non-moving) images displayed for lengthy periods of time (also referred to as image burn-in).
- Software - Any third-party software included with the product or installed by the customer.
- Hardware/Accessories/Parts/Components – Installation of any unauthorized hardware, accessories, consumable parts or components (e.g. Projector Lamps).
- Damage to, or abuse of, the coating on the surface of the display through inappropriate cleaning as described in the product User Guide.
- Removal, installation, and set-up service charges, including wall-mounting of the product.

How to get service:
- For information about receiving service under warranty, contact ViewSonic® Customer Support (Please refer to the "Customer Service" page). You will need to provide your product's serial number.
- To obtain warranty service, you will be required to provide: (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
- Take or ship the product, freight prepaid, in the original container to an authorized ViewSonic® service center or ViewSonic®.
- For additional information or the name of the nearest ViewSonic® service center, contact ViewSonic®.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic® shall not be liable for:

- Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
- Any other damages, whether incidental, consequential or otherwise.
- Any claim against the customer by any other party.
- Repair or attempted repair by anyone not authorized by ViewSonic®.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic® products sold outside of the U.S.A. and Canada, contact ViewSonic® or your local ViewSonic® dealer.

The warranty period for this product in mainland China (Hong Kong, Macao, and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.

For users in Europe and Russia, full details of warranty provided can be found at: http://www.viewsonic.com/eu/ under "Support/Warranty Information".

Display Warranty Term Template In UG
VSC_TEMP_2007

Mexico Limited Warranty
ViewSonic® Display

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic® will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components & accessories.

How long the warranty is effective:

ViewSonic® LCD displays are warranted for between 1 and 3 years, depending on your country of purchase, for all parts including the light source and for all labour from the date of the first consumer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty excludes or does not cover:

- Any product on which the serial number has been defaced, modified or removed.
- Damage, deterioration, or malfunction resulting from:
  » Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, unauthorized attempted repair, or failure to follow instructions supplied with the product.
  » Causes external to the product, such as electrical power fluctuations or failure.
  » Use of supplies or parts not meeting ViewSonic®'s specifications.
  » Normal wear and tear.
  » Any other cause which does not relate to a product defect.
- Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
- Removal, installation, insurance, and set-up service charges.

How to get service:

For information about receiving service under warranty, contact ViewSonic® Customer Support (Please refer to the attached "Customer Service" page). You will need to provide your product's serial number, so please record the product information in the space provided below on your purchase for your future use. Please retain your receipt of proof of purchase to support your warranty claim.

For Your Records

Product Name: _____	Model Number: _____
Document Number: _____	Serial Number: _____
Purchase Date: _____	Extended Warranty Purchase? _____ (Y/N)

If so, what date does warranty expire? _____

- To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
- Take or ship the product, in the original container packaging, to an authorized ViewSonic® service center.
- Round trip transportation costs for in-warranty products will be paid by ViewSonic®.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic®'s liability is limited to the cost of repair or replacement of the product. ViewSonic® shall not be liable for:

- Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
- Any other damages, whether incidental, consequential or otherwise.
- Any claim against the customer by any other party.
- Repair or attempted repair by anyone not authorized by ViewSonic®.

Contact Information for Sales & Authorized Service (Centro Autorizado de Servicio) within Mexico:	
Name, address, of manufacturer and importers: México, Av. de la Palma #8 Piso 2 Despacho 203, Corporativo Interpalmas, Col. San Fernando Huixquilucan, Estado de México Tel: (55) 3605-1099 http://www.viewsonic.com/la/soporte/index.htm	
NÚMERO GRATIS DE ASISTENCIA TÉCNICA PARA TODO MÉXICO: 001.866.823.2004	
Hermosillo: Distribuciones y Servicios Computacionales SA de CV. Calle Juarez 284 local 2 Col. Bugambilias C.P: 83140 Tel: 01-66-22-14-9005 E-Mail: disc2@hmo.megared.net.mx	**Villahermosa:** Compumantenimietnos Garantizados, S.A. de C.V. AV. GREGORIO MENDEZ #1504 COL, FLORIDA C.P. 86040 Tel: 01 (993) 3 52 00 47 / 3522074 / 3 52 20 09 E-Mail: compumantenimientos@prodigy.net.mx
Puebla, Pue. (Matriz): RENTA Y DATOS, S.A. DE C.V. Domicilio: 29 SUR 721 COL. LA PAZ 72160 PUEBLA, PUE. Tel: 01(52).222.891.55.77 CON 10 LINEAS E-Mail: datos@puebla.megared.net.mx	**Veracruz, Ver.:** CONEXION Y DESARROLLO, S.A DE C.V. Av. Americas # 419 ENTRE PINZÓN Y ALVARADO Fracc. Reforma C.P. 91919 Tel: 01-22-91-00-31-67 E-Mail: gacosta@qplus.com.mx
Chihuahua: Soluciones Globales en Computación C. Magisterio # 3321 Col. Magisterial Chihuahua, Chih. Tel: 4136954 E-Mail: Cefeo@soluglobales.com	**Cuernavaca:** Compusupport de Cuernavaca SA de CV Francisco Leyva # 178 Col. Miguel Hidalgo C.P. 62040, Cuernavaca Morelos Tel: 01 777 3180579 / 01 777 3124014 E-Mail: aquevedo@compusupportcva.com
Distrito Federal: QPLUS, S.A. de C.V. Av. Coyoacán 931 Col. Del Valle 03100, México, D.F. Tel: 01(52)55-50-00-27-35 E-Mail : gacosta@qplus.com.mx	**Guadalajara, Jal.:** SERVICRECE, S.A. de C.V. Av. Niños Héroes # 2281 Col. Arcos Sur, Sector Juárez 44170, Guadalajara, Jalisco Tel: 01(52)33-36-15-15-43 E-Mail: mmiranda@servicrece.com
Guerrero Acapulco: GS Computación (Grupo Sesicomp) Progreso #6-A, Colo Centro 39300 Acapulco, Guerrero Tel: 744-48-32627	**Monterrey:** Global Product Services Mar Caribe # 1987, Esquina con Golfo Pérsico Fracc. Bernardo Reyes, CP 64280 Monterrey N.L. México Tel: 8129-5103 E-Mail: aydeem@gps1.com.mx
MERIDA: ELECTROSER Av Reforma No. 403Gx39 y 41 Mérida, Yucatán, México CP97000 Tel: (52) 999-925-1916 E-Mail: rrrb@sureste.com	**Oaxaca, Oax.:** CENTRO DE DISTRIBUCION Y SERVICIO, S.A. de C.V. Murguía # 708 P.A., Col. Centro, 68000, Oaxaca Tel: 01(52)95-15-15-22-22 Fax: 01(52)95-15-13-67-00 E-Mail. gpotai2001@hotmail.com
Tijuana: STD Av Ferrocarril Sonora #3780 L-C Col 20 de Noviembr Tijuana, Mexico	**FOR USA SUPPORT:** ViewSonic® Corporation 381 Brea Canyon Road, Walnut, CA. 91789 USA Tel: 800-688-6688 E-Mail: http://www.viewsonic.com

LCD Mexico Warranty Term Template In UG
VSC_TEMP_2008