

## USING THE MONITOR

- Illustrations in this manual may differ from the actual product.

Press the joystick button, go to Settings → Input, and then select the input option.

### CAUTION

- Do not press the screen for a prolonged time. This may cause image distortion.
- Do not display a still image on the screen for a prolonged time. This may cause image retention. Use a PC screensaver if possible.
- When connecting the power cord to the outlet, use a grounded (3-hole) power strip or a grounded power outlet.
- The monitor may flicker when turned on in an area where the temperature is low. This is normal.
- Sometimes red, green, or blue spots may appear on the screen. This is normal.

### Connecting to a PC

- This monitor supports the \*Plug and Play feature.

\* Plug and Play: A feature that allows you to add a device to your computer without having to reconfigure anything or install any manual drivers.

### HDMI Connection

Transmits digital video and audio signals from your PC to the monitor.

### CAUTION

- Using a DVI to HDMI / DP (DisplayPort) to HDMI cable may cause compatibility issues.
- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
  - High-Speed HDMI®/™ cable

### DisplayPort Connection

Transmits digital video and audio signals from your PC to the monitor.

### Note

- There may be no video or audio output depending on the DP (DisplayPort) version of the PC.

- If you are using a Mini DisplayPort output graphics card, use a Mini DP to DP (Mini DisplayPort to DisplayPort) cable or gender that supports DisplayPort 1.4. (Sold separately)

## **Connecting AV Devices**

### **HDMI Connection**

HDMI transmits digital video and audio signals from your AV device to the monitor.

#### **Note**

- Using a DVI to HDMI / DP (DisplayPort) to HDMI cable may cause compatibility issues.
- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
  - High-Speed HDMI®/™ cable
  - High-Speed HDMI®/™ cable with Ethernet

## **Connecting Peripherals**

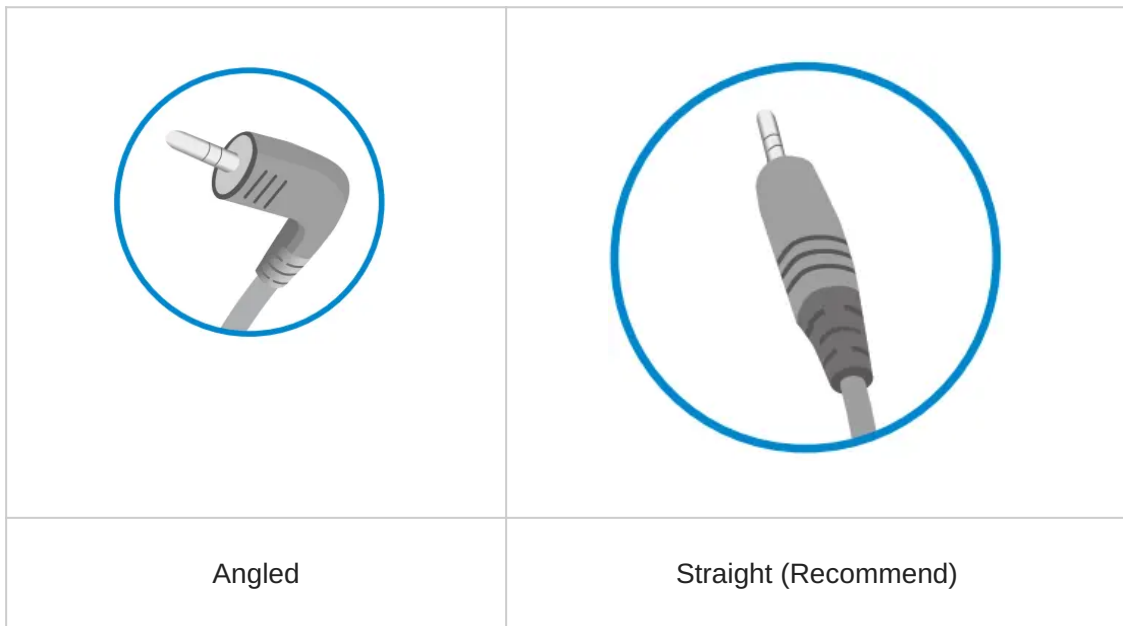
### **Headphones Connection**

Connect peripherals to the monitor via the headphones port.

#### **Note**

- Peripheral devices are sold separately.
- Depending on the audio settings of the PC and external device, headphones and speaker functions may be limited.
- If you use angled earphones, it may cause a problem with connecting another external device to the monitor.


Therefore, it is recommended to use straight earphones.






## USER SETTINGS

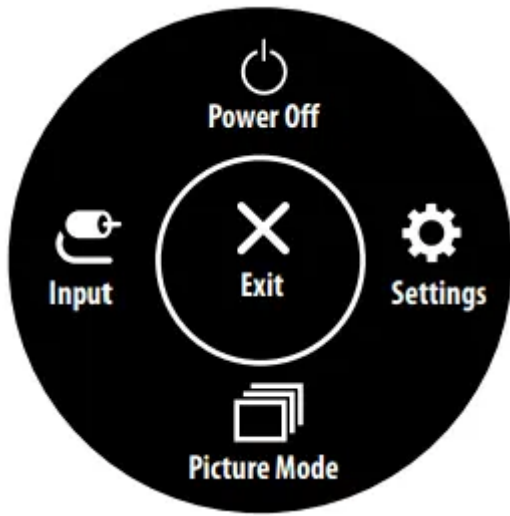
**Note** • Your monitor's OSD (On Screen Display) may differ slightly from that shown in this manual

### Activating the Main Menu

	<ol style="list-style-type: none"> <li>1. Press the joystick button on the bottom of the monitor.</li> <li>2. Move the joystick up/down and left/right to set the options.</li> <li>3. Press the joystick button once more to exit the main menu.</li> </ol>
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Button	Menu Status	Description
	Main menu disabled	Enables the main menu.
	Main menu enabled	Exits the main menu. (Holding down the button more than 5 seconds to turn off the monitor. You can turn off the monitor this way at any time, including when the OSD is on.)
	◀ Main menu disabled	Adjusts the monitor volume level.
	Main menu enabled	Enters the <b>Input</b> features.
	▶ Main menu disabled	Adjusts the monitor volume level.
	Main menu enabled	Enters the <b>Settings</b> feature.
	▲ Main menu disabled	Displays the information on the current input.
	Main menu enabled	Turns off the monitor.
	Main menu disabled	Displays the information on the current input.
	▼ Main menu enabled	Enters the <b>Picture Mode</b> feature.

## Main Menu Features



Main Menu	Description
Input	Sets input mode.
Power Off	Turns off the monitor.
Settings	Configures the screen settings.
Picture Mode	Sets the picture mode.
Exit	Exits the main menu.

## Menu Settings

1. To view the OSD menu, press the joystick button at the bottom of the monitor and then enter the Settings.
2. Move the joystick up/down and left/right to set the options.
- 3.

To return to the upper menu or set other menu items, move the joystick to



or



pressing ( ) it.

- 4.

If you want to exit the OSD menu, move the joystick to



until you exit.



**Quick Settings**



**Input**



**Picture**



**General**

## Quick Settings

Settings > Quick Settings	Description	
<b>Brightness</b>	Adjusts the contrast and brightness of the screen.	
<b>Contrast</b>		
<b>Volume</b>	Adjusts the volume.	
	<p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>You can adjust <b>Mute / Unmute</b> by moving the joystick button to in ▼ the Volume</li> </ul>	
<b>Color Temp</b>	<b>Custom</b>	The user can adjust it to red, green, or blue by customizing
	<b>Warm</b>	Sets the screen color to a reddish tone.
	<b>Medium</b>	Sets the screen color between a red and blue tone.
	<b>Cool</b>	Sets the screen color to a bluish tone.
	<b>Manual</b>	The user can fine-tune the color temperature.

## Input

Settings > Input	Description	
<b>Input List</b>	Selects the input mode.	
<b>Aspect Ratio</b>	Adjusts the aspect ratio of the screen.	
	<b>Full Wide</b>	Displays the video in widescreen, regardless of the video signal.
	<b>Original</b>	Displays video according to the aspect ratio of the video signal.
	<b>Just Scan</b>	The aspect ratio is not adjusted from the original.
<b>NOTE</b>		
<ul style="list-style-type: none"><li>•The display may look the same for Full Wide , Original, and Just Scan options at the recommended resolution (2560 x 1440).</li><li>•There is no <b>Just Scan</b> menu on <b>FreeSync</b> Mode. ( Go to <b>Picture</b> → <b>Game Adjust</b> → <b>FreeSync</b>, to set from <b>On</b> to <b>Off</b>)</li></ul>		

## Picture

**NOTE** •If the **Picture Mode** is changed, the screen may flicker or the resolution of your PC screen may be affected.

Settings > Picture	Description	
<b>Picture Mode</b>	<b>Custom</b>	Allows the user to adjust each element.
	<b>Vivid</b>	Heightens contrast, brightness and sharpness to display images.
	<b>HDR Effect</b>	Optimizes the screen for high dynamic range.
	<b>Reader</b>	Optimizes the screen for viewing documents. You can turn this screen in the OSD menu.
	<b>Cinema</b>	Optimizes the screen for video.
	<b>FPS</b>	This mode is optimized for FPS games.
	<b>RTS</b>	This mode is optimized for RTS Game.
	<b>Color Weakness</b>	This mode is for users who cannot distinguish between red and green. It enables users with color weakness to easily distinguish between the two colors.



## [Picture Mode on HDR signal]

Settings > Picture	Description	
Picture Mode	Custom	Allows the user to adjust each element.
	Vivid	Optimized the screen for HDR vivid colors.
	Cinema	Optimized the screen for HDR video.
	FPS	This mode is optimized for FPS games.It is suitable for FPS games.
	RTS	This mode is optimized for RTS Game.
	<p><b>NOTE</b></p> <ul style="list-style-type: none"><li>•HDR content may not display correctly depending on Window10 OS settings, please check HDR On/Off settings in Windows.</li><li>•When the HDR function is turned on, the characters or picture quality may be poor depending on Graphic card performance.</li><li>•While the HDR function is on, screen flickering or cracking may occur when changing monitor input or power on/off according to Graphic card performance.</li></ul>	

Settings > Picture	Description		
Picture Adjust	Brightness	Adjusts the contrast and brightness of the screen.	
	Contrast		
	Sharpness	Adjusts the sharpness of the screen.	
	SUPER RESOLUTION+	High	Optimizes the screen for crystal clear high-definition video or games.
		Middle	Optimizes the screen for comfortable images at the middle level between the modes. Best for UCC or SD videos.
		Low	Optimizes the screen for smooth and Best for still images or images with less
		Off	Displays in the most common setting. <b>RESOLUTION+</b> .
		<p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>•Because this is a function to increase the sharpness of pictures, it is not recommended to use the function for desktop icons. Doing so may result in unnecessary sharpness.</li> </ul>	
	Black Level	Sets the offset level (for HDMI only). <ul style="list-style-type: none"> <li>•Offset: as a reference for a video signal, this is the monitor can display.</li> </ul>	
		High	Keeps the current contrast ratio of the
		Low	Lowers the black levels and raises the the current contrast ratio of the screen
	DFC	On	Adjusts the brightness automatically a screen.
Off		Disables the <b>DFC</b> feature.	

Settings > Picture	Description		
Game Adjust	Response Time	<p>Sets a response time for displayed pictures based on the picture on the screen.</p> <p>For a normal environment, it is recommended that you set the response time to <b>Normal</b>. When there is a lot of motion, it is recommended that you set the response time to <b>Faster</b>.</p> <p>Setting to <b>Faster</b> may cause image sticking.</p>	
		Faster	Sets the response time to faster.
		Fast	Sets the response time to fast.
		Normal	Sets the response time to normal.
		Off	Does not use the response time improvement function.
	FreeSync	<p>Provides seamless and natural images by synchronizing the refresh frequency of the input signal with that of the output signal.</p> <p><b>CAUTION</b></p> <ul style="list-style-type: none"> <li>•Supported Interface: DisplayPort, HDMI</li> <li>•Supported Graphic Card: A graphic card that supports FreeSync is necessary.</li> <li>•Supported Version: Make sure to update the graphics driver.</li> </ul>	
		On	FreeSync function on.
		Off	FreeSync function off.
	Black Stabilizer	<p>You can control the black contrast to have better visibility in dark scenes.</p> <p>Increasing the <b>Black Stabilizer</b> value brightens the blacks on the screen. (You can easily distinguish objects on dark screens.)</p> <p>Reducing the <b>Black Stabilizer</b> value darkens the blacks and increases the dynamic contrast on the screen.</p>	

Settings > Picture	Description			
Color Adjust	Gamma	Mode 1, Mode 2, Mode 3	The higher the gamma value, the darker the image becomes. Likewise, the lower the gamma value, the lighter the image becomes.	
		Mode 4	If you do not need to adjust the gamma value, select <b>Mode 4</b> .	
	Color Temp	Set your own color temperature.		
		Custom	The user can adjust it to red, green, blue, cyan, magenta, and yellow for customization.	
		Warm	Sets the screen color to a reddish tone.	
		Medium	Sets the screen color to between a reddish and a bluish tone.	
		Cool	Sets the screen color to a bluish tone.	
	Red/Green/Blue	You can customize the picture color using red, green, and blue.		
	Six Color	Meets the user requirements for colors by adjusting the hue, saturation, and brightness of the six colors (red, green, blue, cyan, magenta, and yellow) and then saving the settings.		
		Hue	Adjusts the tone of the screen colors.	
		Saturation	Adjusts the saturation of the screen colors. The lower the value, the less saturated and brighter the colors become. The higher the value, the more saturated the colors become.	
Picture Reset	Do you want to reset your picture settings?	Yes	Returns to the default settings.	
		No	Cancel the select.	

## General

Settings > General	Description	
<b>Language</b>	Sets the menu screen to the desired language.	
<b>SMART ENERGY SAVING</b>	Conserve energy by using luminance compensation algorithm.	
	<b>High</b>	Saves energy using the high-efficiency SMART ENERGY feature.
	<b>Low</b>	Saves energy using the low-efficiency SMART ENERGY feature.
	<b>Off</b>	Disables the feature.
<p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>•The value of energy saving data may differ depending on panel and panel supplier.</li> <li>•If you select the option of <b>SMART ENERGY SAVING</b> is <b>High</b> or <b>Low</b>, monitor luminance become lower or higher depend on source.</li> </ul>		
<b>Power LED</b>	Turns the power LED on the bottom of the monitor on or off.	
	<b>On</b>	The power LED turns on automatically.
	<b>Off</b>	The power LED turns off.
<p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>•When the Power LED function is turned on, it operates as follows: <ul style="list-style-type: none"> <li>-On Mode: White</li> <li>-Sleep Mode: White Blinking</li> <li>-Off Mode: Off</li> </ul> </li> </ul>		
<b>Automatic Standby</b>	Feature that automatically turns off the monitor when there is no movement on the screen for a period of time. You can set a timer for the auto-off function. ( <b>Off</b> , <b>4 H</b> , <b>6 H</b> , and <b>8 H</b> )	
<b>DisplayPort Version</b>	Set DisplayPort Version to the same version as the connected external device. ( <b>1.4</b> or <b>2.0</b> ). To use the HDR function, set to <b>1.4</b> .	

Settings > General	Description	
<b>OSD Lock</b>	This feature disables the configuration and adjustment of menus.	
	<b>On</b>	Enables <b>OSD Lock</b> .
	<b>Off</b>	Disables <b>OSD Lock</b> .
	<p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>•The menus except the menus below are disabled.</li> </ul> <ul style="list-style-type: none"> <li>-<b>Brightness</b></li> <li>-<b>Contrast</b></li> <li>-<b>Volume</b></li> <li>-<b>Input List</b></li> <li>-<b>Aspect Ratio</b></li> <li>-<b>OSD Lock</b></li> <li>-<b>Information</b></li> </ul>	
<b>Information</b>	The following display information will be shown; <b>Total Power On Time, Resolution</b>	
<b>Reset to Initial Settings</b>	Do you want to reset your settings?	
	<b>Yes</b>	Returns to the default settings.
	<b>No</b>	Cancel the reset.



# TROUBLESHOOTING



<b>Nothing is displayed on the screen.</b>	
Is the monitor's power cord plugged in?	<ul style="list-style-type: none"> <li>• Check if the power cord is correctly plugged into the power outlet.</li> </ul>
Is the power LED on?	<ul style="list-style-type: none"> <li>• Check the power cable connection and press the power button.</li> </ul>
Is the power on and the power LED displaying white?	<ul style="list-style-type: none"> <li>• Check that the connected input is enabled (<b>Settings &gt; Input</b>).</li> </ul>
Is the <b>No Signal</b> message being displayed?	<ul style="list-style-type: none"> <li>• This is displayed when the signal cable between the PC and the monitor is missing or disconnected. Check the cable and reconnect it.</li> </ul>
Is the <b>out of Range</b> message being displayed?	<ul style="list-style-type: none"> <li>• This occurs when signals transferred from the PC (graphics card) are outside the horizontal or vertical frequency range of the monitor. Please see the Product specification section of this manual to set the appropriate frequency.</li> </ul>
<b>Screen display is unstable and shaky. / Images displayed on the monitor leave shadow trails.</b>	
Did you select the appropriate resolution?	<ul style="list-style-type: none"> <li>• If the selected resolution is HDMI 1080i 60/50 Hz (interlaced), the screen may be flickering. Change the resolution to 1080p or the recommended resolution.</li> <li>• Not setting the graphics card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area or misalignment of the display.</li> <li>• The setting methods may be different depending on the computer or operating system, and some resolutions may not be available depending on the performance of the graphics card. If this is the case, contact the manufacturer of the computer or graphics card for assistance.</li> </ul>
Does image sticking occur even when the monitor is turned off?	<ul style="list-style-type: none"> <li>• Displaying a still image for a prolonged time may cause damage to the screen, resulting in the retention of the image.</li> <li>• To extend the lifetime of the monitor, use a screensaver.</li> </ul>
Are there spots on the screen?	<ul style="list-style-type: none"> <li>• When using the monitor, pixelated spots (red, green, blue, white, or black) may appear on the screen. This is normal for an LCD screen. It is not an issue related to the monitor's performance.</li> </ul>

<b>Some features are disabled.</b>	
are some functions not available when you press the Menu button?	<ul style="list-style-type: none"> <li>• The OSD is locked. Disable <b>oSD Lock</b> in <b>General</b>.</li> </ul>
<b>Do you see an "Unrecognized monitor, Plug and Play (VESA DDC) monitor found" message?</b>	
Have you installed the display driver?	<ul style="list-style-type: none"> <li>• Make sure to check if the graphics card supports Plug and Play function.</li> </ul>
<b>No sound from the headphone port.</b>	
Are images displayed without sound?	<ul style="list-style-type: none"> <li>• Make sure that the headphone port connections are made properly.</li> <li>• Try increasing the volume with the joystick.</li> <li>• Set the audio output of the PC to the monitor you are using. (The settings may differ depending on the operating system (OS) you use.)</li> </ul>

**Note** • LED can be lighted with Set OSD Menu. Settings – General – Power LED – On

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.