

## USING THE MONITOR

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

### 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.

#### DisplayPort Connection

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

### Connecting AV Devices

#### HDMI Connection

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

### Connecting Peripherals

#### Connecting Headphones

Connect peripherals to the monitor via the headphones port

#### NOTE

- Peripheral devices are sold separately.
- 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.



Angled



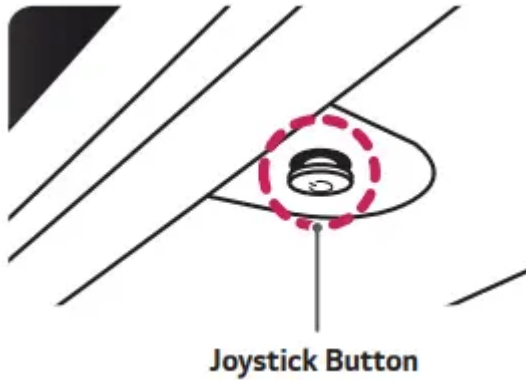
Straight  
(Recommend)




- Depending on the audio settings of the PC and external device, headphones and speaker functions may be limited.

## USER SETTINGS

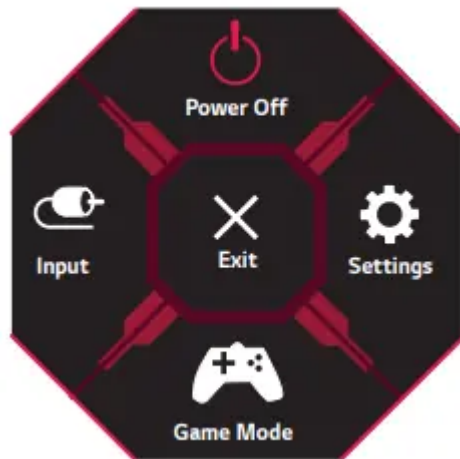
### Activating the Main Menu

1. Press the joystick button on the bottom of the monitor.
2. Move the joystick up/down (▲/▼) and left/right (◀/▶) to set the options.
3. Press the joystick button once more to exit the main menu.



Button	Menu Status		Description
	<b>Main menu disabled</b>		Enables the main menu.
	<b>Main menu enabled</b>		Exits the main menu. (Holding down the button to turn off the monitor. You can turn off the monitor this way at any time, including when the OSD is on.)
	◀	<b>Main menu disabled</b>	Adjusts the monitor volume level.
		<b>Main menu enabled</b>	Enters the <b>Input</b> features.
	▶	<b>Main menu disabled</b>	Adjusts the monitor volume level.
		<b>Main menu enabled</b>	Enters the <b>Settings</b> feature.
	▲	<b>Main menu disabled</b>	Adjusts the monitor brightness level.
		<b>Main menu enabled</b>	Turns off the monitor.
	▼	<b>Main menu disabled</b>	Adjusts the monitor brightness level.
		<b>Main menu enabled</b>	Enters the <b>Game Mode</b> feature.

### Main Menu Features



Main Menu	Description
Input	Sets input mode.
Power Off	Turns off the monitor.
Settings	Configures the screen settings.
Game Mode	Sets the game mode for gaming.
Exit	Exits the main menu.

## User Settings

### Menu Settings

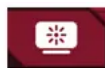
1. To view the OSD menu, press the joystick button at the bottom of the monitor and then enter the Settings.
2. Configure the options by moving the joystick up/down/left/right.
3. To return to the upper menu or set other menu items, move the joystick to ◀ or pressing (⏻) it.
4. If you want to exit the OSD menu, move the joystick to ◀ until you exit



Game Mode



Game Adjust



Picture Adjust



Input



General

<b>Settings</b>		<b>Description</b>
<b>Game Mode</b>		Changes the game mode to the one optimized for a given feature.
<b>Game Adjust</b>		Adjusts the Adaptive-Sync,Black StabilizerResponse Time,Cross Hair an
<b>Picture Adjust</b>		Adjusts theBrightness,Contrast Sharpness GammalColor TempR/G/B,Blac and Picture Reset.
<b>Input</b>	<b>Input List</b>	Selects the input mode.
	<b>Aspect Ratio</b>	Adjusts the aspect ratio of the screen.
<b>General</b>		Sets Language,SMART ENERGY SAVINGRower LED,Automatic Standb Compatibility Mode,DisplayPort 1.4,OSD Lockjnformation and Reset.

Game Mode on SDR(Non-HDR)signal.



Settings > Game Mode		Description
Game Mode	Gamer 1	In this mode, users can customize elements including game-related options.
	Gamer 2	Gamer 1 and Gamer 2 picture modes allow you to save two sets of custom settings, including game-related setup options.
	FPS	This mode is optimized for FPS games.
	RTS	This mode is optimized for RTS Game.
	Vivid	Heightens contrast, brightness and sharpness to display vivid images.
	Reader	Optimizes the screen for viewing documents. You can brighten the screen and dim the menu.
	HDR Effect	Optimizes the screen for high dynamic range.
	sRGB	A standard RGB color space for the monitor and printer;

Game Mode on HDR signal



Settings > HDR Game Mode		Description
<b>HDR Game Mode</b>	<b>Gamer 1</b>	In this mode, users can customize elements including game-related o Gamer 1 and Gamer 2 picture modes allow you to save two sets of display settings, including game-related setup options.
	<b>Gamer 2</b>	
	<b>FPS</b>	This mode is optimized for FPS games.It is suitable for very dark FPS
	<b>RTS</b>	This mode is optimized for RTS Game.
	<b>Vivid</b>	Optimized the screen for vivid colors.
	<b>Standard</b>	Optimized the screen for HDR standard.
	<p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>• HDR content may not be operated properly depending on the Windows^ OS check the HDR On / Off setting of Windows.</li> <li>• When the HDR function is turned on, the characters or picture quality may be to Graphic card performance.</li> <li>• While the HDR function is on, screen flickering or cracking may occur when monitor input or power on/off according to Graphic card performance.</li> </ul>	



Settings > Game Adjust		Description	
		Provides seamless and natural images <i>by</i> synchronizing <i>the</i> vertical frequency of the input signal <i>With</i> that of the output signal.	
Game Adjust	Adaptive-Sync	<p>CAUTION</p> <ul style="list-style-type: none"> <li>Supported Interface: DisplayPort (G-SYIMC, FreeSync), HDMI</li> <li>Supported Graphic Card : A graphic card <i>that</i> supports NVIDIA G-Sync or AMD's FreeSync is necessary.</li> <li>Supported <i>Version</i> : Make <i>sure</i> to update <i>the</i> graphic card to the latest version.</li> <li>For more information and requirement, refer to NVIDIA website <a href="#">www.nvidia.com</a>.</li> </ul>	
		<b>On</b>	Adaptive-Sync function on.
		<b>Off</b>	Adaptive-Sync function off.
	Black Stabilizer	You <i>can</i> control <i>the</i> black contrast <i>to</i> have better visibility in dark scenes. It helps to distinguish objects on dark game screens.	



<b>Game Adjust</b>	<p>Sets a response time for displayed pictures based on the speed of the screen.</p> <p>For a normal environment, it is recommended that you use Fast.</p> <p>For a fast-moving picture, it is recommended that you use Faster.</p> <p>Once Faster Mode is selected, Motion Blur may occur depending on the picture.</p>	
<b>Response Time</b>	<b>Faster</b>	Sets the response time to Faster.
	<b>Fast</b>	Sets the response time to Fast.
	<b>Normal</b>	Sets the response time to Normal.
	<b>Off</b>	Does not use the response time improvement feature.
<b>Cross Hair</b>	<p>Cross hair provides a mark on the center of the screen for First Person shooter games. Users can select the cross hair that fits their gaming environment. There are four different cross hairs.</p> <ul style="list-style-type: none"> <li>• When the monitor is off or enters energy saving mode, the cross hair is automatically turned off.</li> </ul>	
<b>Game Reset</b>	Returns game to the default settings.	

Settings > Picture Adjust		Description	
	<b>Brightness</b>	Adjusts the brightness of the screen.	
	<b>Contrast</b>	Adjusts the contrast of the screen.	
	<b>Sharpness</b>	Adjusts the sharpness of the screen.	
	<b>Gamma</b>	<b>Mode 1, Mode 2, Mode 3</b>	The higher the gamma value, the darker the image becomes. The lower the gamma value, the lighter the image becomes.
		<b>Mode 4</b>	If you do not need to adjust the gamma settings, select Mode 4.
		<b>Custom</b>	The user can adjust it to red, green, or blue by customizing the gamma settings.
		<b>Warm</b>	Sets the screen color to a reddish tone.
<b>Picture Adjust</b>	<b>Color Temp</b>	<b>Medium</b>	Sets the screen color to between a red and blue tone.
		<b>Cool</b>	Sets the screen color to a bluish tone.
		<b>Manual</b>	Adjusts the color temperature in 500K increments. (9500K is not supported instead of 9500K.).
	<b>R/G/B</b>	You can customize the picture color using Red, Green, and Blue color settings.	
	<b>Black Level</b>	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 darkest level that the display can display.</li> </ul>	
		<b>High</b>	Keeps the current contrast ratio of the screen.

		<b>Low</b>	Lowers the black levels and raises the white levels from the contrast ratio of the screen.
	<b>DFC</b>	<b>On</b>	Adjusts the brightness automatically according to the
		<b>Off</b>	Disables the DFC feature.
	<b>Picture Reset</b>	Returns picture and color to the default settings.	

<b>Settings &gt; Input</b>		<b>Description</b>	
<b>Input</b>	<b>Input List</b>	Selects the input mode.	
	<b>Aspect Ratio</b>	Adjusts the aspect ratio of the screen.	
		<b>Ful Wide</b>	Displays the video in widescreen, regardless of the signal input.
		<b>Original</b>	Displays video according to the aspect ratio of the signal input.
		<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 FuW Wide and Original at the recommended resolution. (2560 x 1440)</li> <li>• There is no Just Scan menu on Adaptive-Sync Mode. Game Adjust → Adaptive-Sync, to set Adaptive-Sync On</li> </ul>		

Settings > General		Description	
	<b>Language</b>	Sets the menu screen to the desired language.	
	<b>SMART ENERGY SAVING</b>	<b>High</b>	Saves energy using the high-efficiency SMART ENERGY SAVING feature.
		<b>Low</b>	Saves energy using the low-efficiency SMART ENERGY SAVING feature.
		<b>Off</b>	Disables the SMART ENERGY SAVING feature.
		Turns the power LED on the bottom of the monitor on or off.	
<b>General</b>	<b>Power LED</b>	<b>On</b>	The power LED turns on automatically.
		<b>Off</b>	The power LED turns off.
	<b>Automatic Standby</b>	Feature that automatically turns off the monitor when there is no movement for a period of time. You can set a timer for the auto-off function. (8H, 6H, 4H)	
		HDMI Compatibility Mode feature can recognize the legacy equipment that does not support HDMI 2.0.	
		<b>On</b>	Enables HDMI Compatibility Mode.
	<b>HDMI Compatibility Mode</b>	<b>Off</b>	Disables HDMI Compatibility Mode.
		<p>NOTE</p> <ul style="list-style-type: none"> <li>• If the connected device does not support HDMI Compatibility Mode, the audio and video sound may not work properly.</li> </ul>	
		<ul style="list-style-type: none"> <li>• Some older graphics cards do not support HDMI 2.0, but you can set a lower resolution in the control panel of window.</li> <li>• This may cause the screen to appear abnormally.</li> </ul>	
		Enables or disables DisplayPort 1.4.	

	<b>DisplayPort 1.4</b>	<p>NOTE</p> <ul style="list-style-type: none"> <li>• Be sure to configure this option according to the DisplayPort specification by your graphics card. Set this option to Disable if your graphics card does not support DisplayPort 1.4.</li> </ul>
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	<b>OSD Lock</b>	This feature disables the configuration and adjustment of menus.	
	<b>On</b>		Enables OSD Lock.
	<b>Off</b>		Disables OSD Lock.
		<p>NOTE</p> <ul style="list-style-type: none"> <li>• All features are disabled except Brightness, Contrast \n Picture A\n OSD Lock and Information \n General.</li> </ul>	
	<b>Information</b>	The display information will be shown the Serial Number Total Power On T	
<b>Reset</b>	Restores the default settings.		



## TROUBLESHOOTING

<p><b>Nothing is displayed on the screen.</b></p>	
<p>Is the monitor's power cord plugged in?</p>	<p>Check if the power cord is correctly plugged into the power outlet.</p>
<p>Is the power LED on?</p>	<p>Check the power cable connection and press the power button.</p>
<p>Is the power on and the power LED displaying white?</p>	<p>Check that the connected Input is enabled (Settings &gt; Input).</p>
<p>Is the power LED blinking?</p>	<ul style="list-style-type: none"> <li>• If the monitor is in sleep mode, move the mouse, or press any key on the keyboard, to switch the display on.</li> <li>• Check if the computer is turned on.</li> </ul>
<p>Is the The screen is not currently set to the recommended resolution. If you have no video or the screen flickers, see the troubleshooting guide in the product owner's manual. message being displayed?</p>	<p>This occurs when signals transferred from the PC (graphics card) are out of the recommended horizontal or vertical frequency range of the monitor. Please refer to the Product Specification section of this manual to set the appropriate frequency.</p>
<p>Is the No Signal message being displayed?</p>	<p>This is displayed when the signal cable between the PC and the monitor is disconnected. Check the cable and reconnect it.</p>
<p>Have you installed the display driver?</p>	<ul style="list-style-type: none"> <li>• Be sure to Install the display driver</li> <li>• Make sure to check if the graphics card supports Plug and Play function.</li> </ul>
<p><b>Some features are disabled.</b></p>	
<p>Are some functions not available when you press the Menu button?</p>	<p>The OSD is locked. Go to Settings &gt; General and set OSD Lock to Off.</p>

<b>The screen retains an image.</b>	
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 screen, resulting in the retention of the image.</li> <li>• To extend the lifetime of the monitor use a screensaver.</li> </ul>
<b>Screen display is unstable and shaky. / Images displayed on the monitor leave shadow trails.</b>	
Did you select the appropriate resolution?	If the selected resolution is HDMI 1080i 60/50 Hz (interlaced), the screen flickering. Change the resolution to 1080p or the recommended resolution

**NOTE**

- Vertical Frequency: In order to display an image, the screen must be refreshed dozens of times per second, like a fluorescent lamp. The number of times the screen is refreshed per second is called vertical frequency, or refresh rate, and is represented by Hz.
- Horizontal Frequency: The time it takes to display one horizontal line is called the horizontal cycle. If 1 is divided by the horizontal interval, the result is the number of horizontal lines displayed per second. This is called horizontal frequency and is represented by kHz.
- Check if the graphics card's resolution or frequency is within the range allowed by the monitor and set it to the recommended (optimal) resolution Control Panel > Display > Settings in Windows. (The settings may differ depending on the operating system (OS) you use.)
- 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.
- 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.
- Some graphics cards may not support 2560 x 1440 resolution. If the resolution cannot be displayed, contact the manufacturer of your graphics card.



<b>The display color is abnormal.</b>	
Does the display appear discolored (16 colors)?	Set the color to 24 bit (true color) or higher; in Windows, go to Control Panel > Settings > Color Quality. (The settings may differ depending on the operating system (OS) you use.)
Does the display color appear unstable or monochrome?	Check if the signal cable is connected properly. Reconnect the cable or reinstall the PC's graphics card.
Are there spots on the screen?	When using the monitor pixilated spots (red, green, blue, white, or black) may appear on the screen. This is normal for an LCD screen. It is not an error nor is it related to the monitor's performance.

<b>No sound from the headphone port.</b>	
Are images displayed using DP (DisplayPort) or HDMI input 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. In Windows, go to Control Panel &gt; Hardware and Sound &gt; Sound &gt; Playback &gt; Monitor as default device. (The settings may differ depending on the operating system (OS) you use.)</li> </ul>

## PRODUCT SPECIFICATION

LCD Screen	Color Depth	HDMI	10-bit color is supported.
		DP (DisplayPort)	10-bit color is supported.
Resolution	Max Resolution	2560 x 1440 @ 144 Hz (HDMI) 2560 x 1440 @ 144 Hz (DP)	
	Recommended Resolution	2560 x 1440 @ 100 Hz (HDMI) 2560 x 1440 @ 144 Hz (DP)	
Power Sources	Power Rating	19 V --- 3.3 A Or 19 V --- 2.4 A	
	Power Consumption (Typical)	Operating Mode: 51W (Typical)* Sleep Mode: ≤ 0.5 W Off Mode: ≤ 0.3 W	
AC/DC Adapter	DA-65G19, manufactured by Asian Power Devices Inc. LCAP39, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE ADS-65FAI-19 1906SEPG-1, manufactured by SHENZHEN HONOR ELECTRONIC ADS-65FAI-19 1906SEPK-1, manufactured by SHENZHEN HONOR ELECTRONIC ADS-65FAI-19 1906SEPCU-1, manufactured by SHENZHEN HONOR ELECTRONIC Output: 19 V --- 3.42 A		
	DA-48F19, manufactured by Asian Power Devices Inc. ADS-48FSK-19 19048EPCU-1, manufactured by SHENZHEN HONOR ELECTRONIC ADS-48FSK-19 19048EPK-1, manufactured by SHENZHEN HONOR ELECTRONIC ADS-48FSK-19 19048EPG-1, manufactured by SHENZHEN HONOR ELECTRONIC Output: 19 V --- 2.53 A		

Environmental Conditions	Operating Conditions	Temperature	0 °C to 40 °C (32 °F to 104 °F)
		Humidity	Less than 80 %
	Storing Conditions	Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
		Humidity	Less than 85 %
Dimensions	Monitor Size (Width x Height x Depth)		
	With Stand	614.2 x 575.9 x 291.2 (mm) 24.1 x 22.6 x 11.4 (inches)	
	Without Stand	614.2 x 364.8 x 56.3 (mm) 24.1 x 14.3 x 2.2 (inches)	
Weight (Without Packaging)	With Stand	6.4 kg (14.0 lbs)	
	Without Stand	4.2 kg (9.2 lbs)	

### 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.

