

**OWNER'S MANUAL** 

# LG UltraGear<sup>TM</sup> Gaming Monitor

\* LG LED Monitor applies LCD screen with LED backlights.

Please read this manual carefully before operating your set and retain it for future reference.

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# LICENSE

Each model has different licenses.



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# OPEN SOURCE SOFTWARE NOTICE INFORMATION

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit *http://opensource.lge.com*. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

# ASSEMBLING AND PREPARING

### 

- · Always use genuine LG components to ensure safety and product performance.
- The product warranty will not cover damage or injury caused by the use of unauthorized components.
- It is recommended that use the supplied components.
- If you use generic cables not certified by LG, the screen may not display or there may be image noises.
- Illustrations in this document represent typical procedures, so they may look different from the actual product.
- Do not apply foreign substances (oils, lubricants, etc.) to the screw parts when assembling the product. (Doing so may damage the product.)

- Applying excessive force when tightening screws may cause damage to the monitor. Damage caused in this way will not be covered by the product warranty.
- Do not carry the monitor upside down by just holding the base. This may cause the monitor to fall off the stand and could result in personal injury.
- When lifting or moving the monitor, do not touch the monitor screen. The force applied to the monitor screen may cause damage to it.
- For wave pattern on appearance, unlike the general method of coating, it's applied to added glittering material in raw material.With no peeled-off appearance, it has good durability. Please use it with confidence because there is no problem in using the product at all.

- · The components may look different from those illustrated here.
- Without prior notice, all product information and specifications contained in this manual are subject to change to improve the performance of the product.
- To purchase optional accessories, visit an electronics store or an online shopping site, or contact the retailer from which you purchased the product.
- The power cord provided may differ depending upon the region.

### Supported Drivers and Software

You can download and install the latest version from the LGE website (www.lg.com).

Drivers and Software	Installation Priority
Monitor Driver	Recommended
OnScreen Control	Recommended

### **Product and Button Description**





Joystick Button

#### How to Use the Joystick Button

You can easily control the functions of the monitor by pressing the joystick button or moving it left/right with your finger.

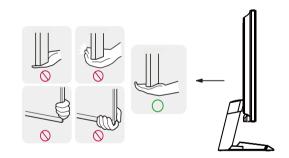
#### **Basic Functions**

	ළු	Power on	Press the joystick button once with your finger to turn on the monitor.
		Power off	Press and hold the joystick button once with your finger to turn off the monitor.
	►</th <th>Volume control</th> <th>You can control the volume by moving the joystick button left/right.</th>	Volume control	You can control the volume by moving the joystick button left/right.
	<b>▲</b> /▼	Controls screen brightness	You can control the screen's brightness by moving the joystick button up/down.

### Moving and Lifting the Monitor

When moving or lifting the monitor, follow these instructions to prevent the monitor from being scratched or damaged and to ensure safe transportation, regardless of its shape or size.

- Place the monitor in the original box or packing material before attempting to move it.
- Before moving or lifting the monitor, disconnect the power cord and all other cables.
- Hold the bottom and side of the monitor frame firmly. Do not hold the panel itself.



• The joystick button is located at the bottom of the monitor.

NOTE



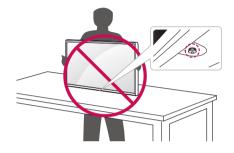
- When holding the monitor, the screen should face away from you to prevent it from being scratched.
- When transporting the monitor, do not expose the monitor to shock or excessive vibration.
- When moving the monitor, keep it upright and never turn the monitor on its side or tilt it sideways.



- Avoid touching the monitor screen as much as possible.
  - This may result in damage to the screen or some of the pixels used to create images.

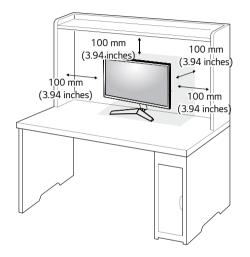


 If you use the monitor panel without the stand base, its joystick button may cause the monitor to become unstable and fall, resulting in damage to the monitor or human injury. In addition, this may cause the joystick button to malfunction.



#### Installing on a Table

 Lift the monitor and place it on the table in an upright position. Place the monitor at least 100 mm (3.94 inches) away from the wall to ensure sufficient ventilation.





- Unplug the power cord before moving or installing the monitor. There is risk of electric shock.
- Make sure to use the power cord that is provided in the product package and connect it to a grounded power outlet.
- If you need another power cord, Please contact a service center.

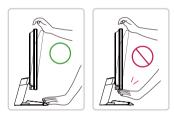
#### Adjusting the Angle

- 1 Place the monitor mounted on the stand base in an upright position.
- 2 Adjust the angle of the screen.

The angle of the screen can be adjusted forward or backward from  $-2^{\circ}$  to  $15^{\circ}$  for a comfortable viewing experience.

# WARNING

• To avoid injury to the fingers when adjusting the screen, do not hold the lower part of the monitor's frame as illustrated below.

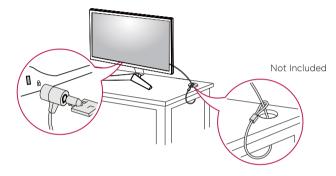


• Be careful not to touch or press the screen area when adjusting the angle of the monitor.

#### Using the Kensington Lock

The connector for the Kensington security system is located at the bottom of the monitor.

Connect the monitor to a table using the Kensington security system cable.



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• The Kensington security system is optional. You can obtain optional accessories from most electronics stores.

#### Installing the Wall Mount Plate

This monitor meets the specifications for the wall mount plate or other compatible devices.

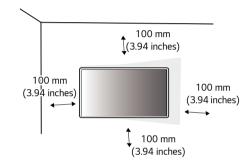
- Place the screen face down. To protect the monitor panel (screen), cover the surface with a soft cloth or the monitor protection pad included in the product package.
- 2 Remove the four screws tightened on the back of the monitor.
- 3 Place the wall mount plate onto the monitor and align it with the screw holes.
- 4 Tighten the four screws using a screwdriver to fix the plate to the monitor.

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- The wall mount plate is sold separately.
- For more information on installation, refer to the wall mount plate's installation guide.
- Be careful not to apply too much force while mounting the wall mount plate as it may cause damage to the screen.

#### Installing on the Wall (Wall mounting kit not included)

Install the monitor at least 100 mm (3.94 inches) away from the wall and leave about 100 mm (3.94 inches) of space at each side of the monitor to ensure sufficient ventilation. Detailed installation instructions can be obtained from your local retail store. Alternatively, please refer to the manual for how to install and set up a tilting wall mounting bracket.



To install the monitor to a wall, attach a wall mounting bracket (optional) to the back of the monitor.

Make sure that the wall mounting bracket is securely fixed to the monitor and to the wall.

- 1 If you use screws longer than the standard length, it may damage the inside of the product.
- 2 A non-VESA standard screw may damage the product and cause the monitor to fall. LG Electronics is not liable for any accidents relating to the use of nonstandard screws.

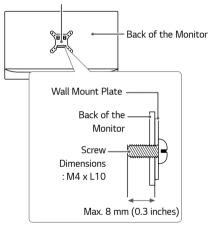
Wall Mount (mm)	100 x 100
Standard screw	M4 x L10
Number of screws	4
Wall Mount Plate (Optional)	RW120

# 

- · Use the screws specified by VESA standards.
- · The wall mount kit includes the installation guide and all necessary parts.
- The wall mounting bracket is optional. You can obtain optional accessories from your local dealer.
- The length of the screw may differ for each wall mounting bracket. Be sure to use the proper length.
- For more information, please refer to the user manual for the wall mounting bracket.

- Unplug the power cord before moving or installing the monitor to avoid electric shock.
- Installing the monitor on the ceiling or on a slanted wall may result in the monitor falling off, which could lead to injury. Use an authorized LG wall mount and contact the local dealer or qualified personnel.
- Applying excessive force when tightening screws may cause damage to the monitor. Damage caused in this way will not be covered by the product warranty.

- Use the wall mounting bracket and screws that conform to VESA standards. Damage caused by the use or misuse of inappropriate components will not be covered by the product warranty.
- When measured from the back of the monitor, the length of each installed screw must be 8 mm (0.3 inches) or less.



#### Wall Mount Plate

# **USING THE MONITOR**

Illustrations in this manual may differ from the actual product.

Press the joystick button, go to  $\textbf{Menu} \rightarrow \textbf{Input},$  and then select the input option.

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- 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 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

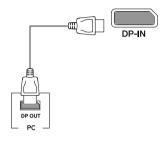
Transmits digital video and audio signals from your PC to the monitor.



- 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<sup>®</sup>/<sup>™</sup> cable
  - High-Speed HDMI  $^{\ensuremath{\text{B}}\xspace/\ensuremath{^{\mbox{M}}}\xspace}$  cable with Ethernet

#### **DisplayPort Connection**

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



- 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 DisplayPort1.4. (sold separately)

### **Connecting AV Devices**

#### **HDMI** Connection

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

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- 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 $^{\ensuremath{\mathbb{R}}\xspace/\ensuremath{^{\text{TM}}}}$  cable
- High-Speed HDMI  $^{\ensuremath{\text{\scriptsize NDM}}}$  cable with Ethernet

#### **Connecting Headphones**

Connect peripherals to the monitor via the headphones port.

- · 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.



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

• Accessory type and quantity may vary depending on the model.

• The image shown here is for illustrative purposes only and may be subject to change.

• The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual. (Batteries Not Included)

• The cables mentioned in this guide is not supplied with your unit.

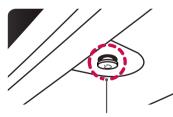
# **USER SETTINGS**

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- Your monitor's OSD (On Screen Display) may differ slightly from that shown in this manual.
- When **Beep Guide** is activated, pressing the joystick button will take you to **Settings** right away.

### Activating the Main Menu

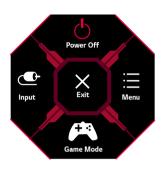
- 1 Press the joystick button on the bottom of the monitor.
- Move the joystick up/down (▲ / ▼) and left/right
   (◄ / ►) to set the options.
- 3 Press the joystick button once more to exit the main menu.



Joystick Button

Button	Menu Status		Description
Main menu disabled			Enables the main menu.
	Main menu enabled		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.)
		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>Menu</b> feature.
		Main menu disabled	Enters the <b>Accessibility</b> menu.
		Main menu enabled	Turns off the monitor.
	-	Main menu disabled	Enters the <b>Accessibility</b> menu.
	•	Main menu enabled	Enters the <b>Game Mode</b> feature.

#### Main Menu Features



Main Menu	Description				
Input	Sets input mode.				
Power Off	urns off the monitor.				
Menu	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 settings menu, press the joystick button at the bottom of the monitor and then enter the **Menu**.
- 2 Configure the options by moving the joystick up/down/left/right.
- 3 To return to the upper settings or set other settings items, move the joystick to  $\blacktriangleleft$  or press (b).
- 4 If you want to exit the settings menu, move the joystick to < until you exit.











Game Mode

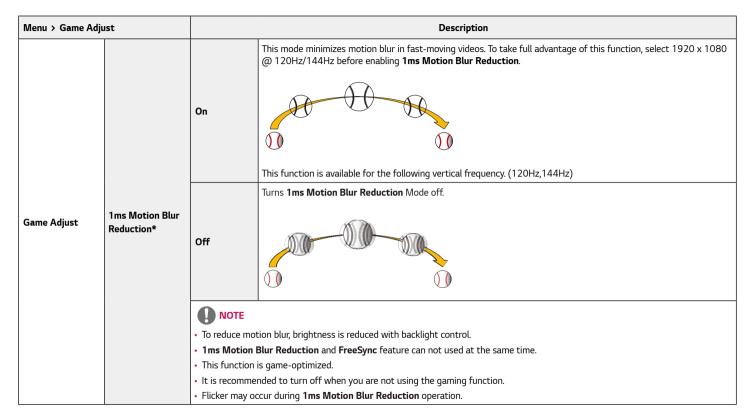
Game Adjust

Picture Adjust

Input

General

Menu > Game Mode		Description
	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 customized display settings, including game-relation options.		
Game Mode         FPS         This mode is optimized for FPS games.It is suitable for very dark FPS games.           RTS         This mode is optimized for RTS Game.		This mode is optimized for FPS games.It is suitable for very dark FPS games.
		This mode is optimized for RTS Game.
	Vivid	Optimized the screen for vivid colors.
	Reader	Optimizes the screen for viewing documents. You can brighten the screen in the settings menu.



\* Only for 24GL600F, 24GN50W.

FreeSync Game Adjust		CAUTIO • Supported Int • Supported Gr • Supported Ve • For more info	ess and natural images by synchronizing the vertical frequency of the input signal with that of the output signal.  N ereface: DisplayPort,HDMI. aphic Card : A graphic card that supports AMD's FreeSync is necessary. rsion : Make sure to update the graphic card to the latest driver. rmation and requirement, refer to AMD website at http://www.amd.com/FreeSync 1ms Motion Blur Reduction cannot be enabled simultaneously.	
		Extended	Enable wider frequency range of FreeSync function than basic mode. The screen may flicker during the game play.	
		Basic	Enable basic frequency range of FreeSync function.	
	Off	Off	FreeSync function off.	
	Black Stabilizer	You can control the black contrast to have better visibility in dark scenes. You can easily distinguish objects on dark game screens.		

		For a normal er For a fast-movi	e time for displayed pictures based on the speed of the screen. wironment, it is recommended that you use <b>Fast</b> . ng picture, it is recommended that you use <b>Faster</b> . <b>ode</b> is selected, <b>Motion Blur</b> may occur depending on the content.		
		Faster	Sets the response time to Faster.		
	Fast		Sets the response time to Fast.		
Game Adjust		Normal	Sets the response time to Normal.		
		Off	Does not use the response time improvement feature.		
	Cross Hair	Cross hair provides a mark on the center of the screen for First Person Shooter (FPS) games. Users can select the cro their gaming environment among four different cross hairs.			
		When the monitor is off or enters energy saving mode, the cross hair feature is automatically turned off.			
	Game Reset	Returns game t	Returns game to the default settings.		

Menu > Picture Adjust		Description				
	Brightness	Adjusts the brightne	djusts the brightness of the screen.			
	Contrast	Adjusts the contrast	Adjusts the contrast of the screen.			
	Sharpness	Adjusts the sharpnes	Adjusts the sharpness of the screen.			
	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 settings, select Mode 4.			
		Custom	The user can adjust it to red, green, or blue by customization.			
		Warm	Sets the screen color to a reddish tone.			
	Color Temp	Medium	Sets the screen color to between a red and blue tone.			
		Cool	Sets the screen color to a bluish tone.			
		Manual	The user can fine-tune the color temperature.			
Picture Adjust	R/G/B	You can customize t	You can customize the picture color using <b>Red</b> , <b>Green</b> , and <b>Blue</b> colors.			
		Meets the user requi and Yellow) and ther	rements for colors by adjusting the hue and saturation of the six colors (Red, Green, Blue, Cyan, Magenta I saving the settings.			
	Six Color	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 and darker the colors become.			
	Black Level		Sets the offset level (for HDMI only). • Offset: as a reference for a video signal, this is the darkest color the monitor can display.			
		High	Keeps the current contrast ratio of the screen.			
		Low	Lowers the black levels and raises the white levels from the current contrast ratio of the screen.			
	DFC	On	Adjusts the brightness automatically according to the screen.			
	5.0	Off	Disables the <b>DFC</b> feature.			
	Picture Reset	Reset Returns picture and color to the default settings.				

Menu > Input			Description
Input List		Selects the input mode.	
		Adjusts the aspect ratio of the	e screen.
		Full Wide	Displays the video in widescreen, regardless of the video signal input.
	Aspect Ratio	Original	Displays video according to the aspect ratio of the video signal input.
Input		• The display may look the sar	ne for <b>Full Wide</b> and <b>Original</b> options at the recommended resolution. (1920 x 1080)
		When automatic input switch is set to <b>On</b> , display will automatically switch to new input when connected.	
	Auto Input Switch	On	Enables Auto Input Switch.
		Off	Disables Auto Input Switch.

Menu > Gene	eral	Description		
	Language	Sets the menu	screen to the desired language.	
		High	Saves energy using the high-efficiency SMART ENERGY SAVING feature.	
		Low	Saves energy using the low-efficiency SMART ENERGY SAVING feature.	
	SMART ENERGY	Off	Disables the SMART ENERGY SAVING feature.	
	SAVING			
		The value of	energy saving data may differ depending on panel and panel suppliers.	
		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.	
	Power LED	On	The power LED turns on automatically.	
		Off	The power LED turns off.	
General	Automatic Standby	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 f the auto-off function. (Off, 4H, 6H, and 8H)		
		HDMI Compat	ibility Mode feature can recognize the legacy equipment that does not support HDMI 2.0.	
		On	Enables HDMI Compatibility Mode.	
	номі	Off	Disables HDMI Compatibility Mode.	
	• S	Some older	ted device does not support <b>HDMI Compatibility Mode</b> , the screen or sound may not work properly. graphics cards do not support HDMI 2.0,but you can select HDMI 2.0 resolution in the control panel of window. Ise the screen to appear abnormally.	
	DisplayPort Version	Please set the DisplayPort version to match the version of the connected external device.		

		This feature disables the configuration and adjustment of menus.		
		On	Enables OSD Lock.	
OSD Lock       Off       Disables OSD Lock.         General       Off       Disables OSD Lock.         • All features are disabled except Brightness, Contrast in Picture Adjust, Input, OSD Lock and Inf		Disables OSD Lock.		
		re disabled except Brightness, Contrast in Picture Adjust, Input, OSD Lock and Information in General.		
	Information	The display information will be shown the Total Power On Time, Resolution.		
	Reset to Initial Settings         Restores the default settings.		fault settings.	

# TROUBLESHOOTING

Nothing is displayed on the screen.		
Is the monitor's power cord plugged in?	Check if the power cord is correctly plugged into the power outlet.	
Is the power LED on?	Check the power cable connection and press the power button.	
Is the power on and the power LED displaying red?	<ul> <li>Check that the connected input is enabled (Menu &gt; Input).</li> </ul>	
Is the power LED blinking?	<ul> <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>	
Is the <b>The screen is not currently set</b> <b>to the recommended resolution. If you</b> <b>have no video or the screen flickers,</b> <b>see the troubleshooting guide in the</b> <b>product owner's manual.</b> message being displayed?		
Is the <b>No Signal</b> message being displayed?	<ul> <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>	
Have you installed the display driver?	<ul> <li>Be sure to install the display driver from our web site: http://www.lg.com.</li> <li>Make sure to check if the graphics card supports Plug and Play function.</li> </ul>	

Some features are disabled.		
Are some functions not available when you press the Menu button?	<ul> <li>The OSD is locked. Go to Menu &gt; General and set OSD Lock to Off.</li> </ul>	

The screen retains an image.		
Does image sticking occur even when the	• Displaying a still image for a prolonged time may cause damage to the screen, resulting in the retention of the image.	
monitor is turned off?	<ul> <li>To extend the lifetime of the monitor, use a screensaver.</li> </ul>	

Screen display is unstable and shaky. / Images displayed on the monitor leave shadow trails.		
Did you select the appropriate resolution?	• 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.	

- 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 1920 x 1080 resolution. If the resolution cannot be displayed, contact the manufacturer of your graphics card.

The display color is abnormal.		
Does the display appear discolored (16 colors)?	<ul> <li>Set the color to 24 bit (true color) or higher. In Windows, go to Control Panel &gt; Display &gt; Settings &gt; Color Quality. (The settings may differ depending on the operating system (OS) you use.)</li> </ul>	
Does the display color appear unstable or monochrome?	• Check if the signal cable is connected properly. Reconnect the cable or reinsert the PC's graphics card.	
Are there spots on the screen?	<ul> <li>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.</li> </ul>	

No sound from the headphone port.		
Are images displayed using DP (DisplayPort) or HDMI input without sound?	<ul> <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. On Microsoft Windows, go to Control Panel &gt; Hardware and Sound &gt; Sound &gt; set the Monitor as default device. (The settings may differ depending on the operating system (OS) you use.)</li> </ul>	

# **PRODUCT SPECIFICATION**

LCD Screen	Color Depth	8-bit color is supported.			
Resolution	Max Resolution	1920 x 1080 @ 144 Hz			
	Recommended Resolution	1920 x 1080 @ 60 Hz (for 24GL600F 24GN53A) 1920 x 1080 @ 144 Hz (for 24GN50W)			
Power Sources	Power Rating	19 V 2.0 A or 19 V 1.6 A			
	Power Consumption	Operating Mode: 30 W (Typical) *			
	(Typical)	Sleep Mode (Standby Mode): ≤ 0.3 W **			
		Off Mode: ≤ 0.3 W			
AC/DC Adapter ADS-45SN-19-3 19040G, manufactured by SHENZHEN HONOR ELECTRONIC		by SHENZHEN HONOR ELECTRONIC			
	LCAP21C, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE				
	LCAP26B-E, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE				
	LCAP26B-A, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE				
	Output: 19 V 2.1 A	Output: 19 V 2.1 A			

	ADS-40SG-19-3 19032G, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-40FSG-19 19032GPG-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-40FSG-19 19032GPBR-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-40FSG-19 19032GPI-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-40FSG-19 19032GPCU-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-45SQ-19-3 19032E, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-45FSQ-19 19032EPG-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-45FSQ-19 19032EPK-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-45FSQ-19 19032EPCU-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	ADS-45FSQ-19 19032EPBR-1, manufactured by SHENZHEN HONOR ELECTRONIC			
	LCAP21A, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE			
	LCAP26A-A, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE			
	LCAP26A-E, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE			
	LCAP26A-I, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE			
	LCAP26A-B, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE			
	AD10550LF, manufactured by PI Electronics (H.K.) Ltd.			
	AD2138S20, manufactured by PI Electronics (H.K.) Ltd.			
	AD2138620, manufactured by PI Electronics (H.K.) Ltd.			
	Output: 19 V 1.7 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	556.8 x 419.8 x 180.6 (mm)	
		21.9 x 16.5 x 7.1 (inches)	
	Without Stand	556.8 x 333.8 x 61.1 (mm)	
		21.9 x 13.1 x 2.4 (inches)	
Weight (Without Packaging)	With Stand	3.7 kg (8.14 lbs)	
	Without Stand	3.2 kg (7.04 lbs)	

The specifications are subject to change without notice.

The ~ symbol means alternating current, and the symbol \_\_\_\_ means direct current.

The power consumption level can be different by operating condition and monitor setting.

\* The On mode power consumption is measured with LGE test standard (Full White pattern , Maximum resolution).

\*\* The monitor goes to the Sleep Mode in a couple of minutes(Max 5 minutes).

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