

OWNER'S MANUAL

LED LCD MONITOR

(LED 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.

34WR55QC 34BR55QC

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LICENSE

Each model has different licenses. Visit www.lq.com for more information on the license.



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OPEN SOURCE SOFTWARE NOTICE INFORMATION

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit http://opensource.lge.com.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

ASSEMBLING AND PREPARING



CAUTION

- · 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.



NOTE

- 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
Dual Controller	Optional

Product and Button Description



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/up/down with your finger.

Basic Functions

	0	Power on	Press the joystick button once with your finger to turn on the monitor.
		Power off	Press and hold the joystick button once more than 5 seconds with your finger to turn off the monitor.
	◄/ ▶	Volume control	You can control the volume by moving the joystick button left/right.



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

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.
- 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.



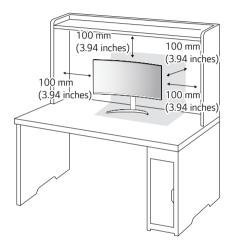


CAUTION

- · 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.



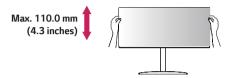


✓!\ CAUTION

- 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 your local dealer or the nearest retail store.

Adjusting the Stand Height

- Place the monitor mounted on the stand base in an upright position.
- 2 Handle the monitor with both hands for safety.





WARNING

· When adjusting the screen height, do not place your hand on the stand body to avoid injury to your fingers.

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 -5° to 20° for a comfortable viewing experience.



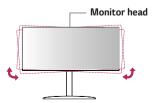
WARNING

- 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.





 The left or right side of the monitor head can be slightly rotated up or down (up to 3°). Adjust the horizontal level of the monitor head.

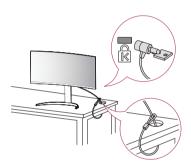


Using the Kensington Lock

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

For more information on installation and usage, refer to the Kensington lock owner's manual or visit the website at http://www.kensington.com.

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





NOTE

 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.

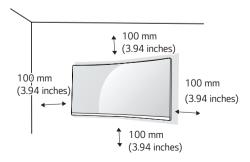


NOTE

- 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.
- Remove the stand before installing the monitor on a wall mount by performing the stand attachment in reverse.

Installing on the Wall

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)	LSW 149	

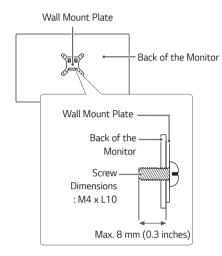


- Use the screws specified by VESA standards.
- The wall mount kit includes the installation guide and all necessary parts.
- The wall mounting bracket is optional. You can obtain optional accessories from your local dealer.
- The length of the screw may differ for each wall mounting bracket. Be sure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



CAUTION

- 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.



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 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
- 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®/TM cable
- High-Speed HDMI®/TM 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.



- 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®/TM cable
- High-Speed HDMI®/TM cable with Ethernet

Connecting Peripherals

USB Device connection

The USB port on the product functions as a USB hub.



NOTE

- It is recommended you install all Windows Updates to keep your Windows up-todate before connecting to the product for use.
- · Peripheral devices are sold separately.
- · A keyboard, mouse, or USB device can be connected to the USB port.
- · The charging speed may vary depending on the device.
- To use USB Downstream port of monitor, user must connect Upstream port of monitor to Host PC using USB C-C or USB C-A cable.
- When the USB C-C cable is connected between Upstream port of monitor and Host PC, the Downstream port of monitor support USB 2.0 device.
- When the USB C-A cable is connected between Upstream port of monitor and Host PC, the Downstream port of monitor support USB 3.0 device.
 However, Host PC must support USB 3.0 function.



CAUTION

Cautions When Using a USB Device

- A USB device with an automatic recognition program installed, or that uses its own driver, may not be recognized.
- Some USB devices may not be supported or may not work properly.
- It is recommended to use a USB hub or hard disk drive with power supplied. (If the power supply is not adequate, the USB device may not be recognized properly.)

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.





d Straight

(Recommend)

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

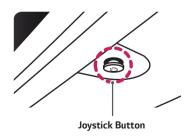
USER SETTINGS



- 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.

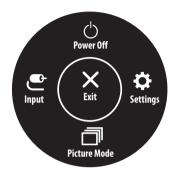
Activating the Main Menu

- 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.



Button		Menu Status	Description		
	Main m	enu 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 Input features.		
	>	Main menu disabled	Adjusts the monitor volume level.		
		Main menu enabled	Enters the Settings feature.		
		Main menu disabled	Enters the Accessibility menu.		
				Main menu enabled	Turns off the monitor.
		Main menu disabled	Enters the Accessibility menu.		
	•	Main menu enabled	Enters the Picture Mode 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 (倘) it.
- 4 If you want to exit the OSD menu, move the joystick to **◄**until you exit.









Quick Settings

Input

Picture

General



- 📭: On
- 🗀: Off

Quick Settings

Settings > Quick Settings	Description			
Brightness	Adjusts the brightness of the	e screen.		
Contrast	Adjusts the contrast of the s	screen.		
	Adjusts the volume.			
Volume	● NOTE			
 You can adjust Mute / Unmute by moving the joystick button to ▼ in the Volume menu. 		nute by moving the joystick button to ▼ in the Volume menu.		
	Set your own color temperature.			
	Custom	The user can adjust it to red, green, or blue by customization.		
C-lau Taura	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.		

Input

Settings > Input	Description		
Input List	Selects the input mode.		
	When automatic input switc	h is set to On , display will automatically switch to new input when connected.	
Auto Input Switch	On	Enables Auto Input Switch.	
	Off	Disables Auto Input Switch.	
	Adjusts the aspect ratio of the screen.		
Acrost Batis	Full Wide Displays the video in widescreen, regardless of the video signal input.		
Aspect Ratio	16:9	Displays the video in 16:9.	
	4:3	Displays the video in 4:3.	
PBP	Displays the screens of two input modes on one monitor.		
Main/Sub Screen Change	Toggles between the main screen and sub screen in PBP mode.		
Main/Sub Sound Change	Toggles between the audio of the main screen and sub screen in PBP mode.		

[PBP]

Settings > Input	Description							
	Displays the screens of two input modes on one monitor.							
	Main Input List	Diagramate the table below for pagible DDD combinations						
	Sub Input List	Please refer to the ta	Please refer to the table below for possible PBP combinations.					
	PBP Connection			Sub Scre	en (Right)			
Input List	PBP Conn	ection	HDMI 1	HDMI 2	DisplayPort	USB-C		
		HDMI 1	-	0	0	0		
	Main Caroon (Lafe)	HDMI 2	0	-	0	0		
	Main Screen (Left)	DisplayPort	0	0	-	0		
		USB-C	0	0	0	-		
	Adjusts the aspect ratio of the screen.							
	Main Aspect Ratio	Full Wide	Displays the video to fit the PBP screen, regardless of the video signal input.					
Aspect Ratio		Original	Displays the video in the aspect ratio of the video signal input on the PBP screen.					
	Sub Aspect Ratio	Full Wide	Ill Wide Displays the video to fit the PBP screen, regardless of the video signal input.					
		Original Displays the video in the aspect ratio of the video signal input on the PBP screen.						
PBP	You can disable the feature that displays images from two input modes simultaneously on one monitor.							
Main/Sub Screen Change	Toggles between the main screen and sub screen in PBP mode.							
Main/Sub Sound Change	Toggles between the audio of the main screen and sub screen in PBP mode.							

Picture



• The **Picture Mode** that can be set depends on the Input signal.

[Picture Mode on SDR (Non-HDR) signal]

Settings > Picture	Description			
	Custom	Allows the user to adjust each element.		
	Vivid	Heightens contrast, brightness and sharpness to display vivid images.		
	HDR Effect	Optimizes the screen for high dynamic range.		
	Reader	Optimizes the screen for reading documents. You can brighten the screen in the OSD menu.		
Picture Mode Cinema FPS RTS	Optimizes the screen to improve the visual effects of a video.			
	FPS	This mode is optimized for FPS games.		
	RTS	This mode is optimized for RTS Game.		
	Color Weakness	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				
	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 very dark FPS games.			
Picture Mode RTS		This mode is optimized for RTS Game.			
	NOTE • HDR content may not display correctly depending on Windows 10/ macOS settings, please check HDR On/Off settings in Windows. • When the HDR function is turned on, the characters or picture quality may be poor according to Graphic card performance. • While the HDR function is on, screen flickering or cracking may occur when changing the monitor input or power on/off according to Graphic card performance.				

Settings > Picture		Description			
	Brightness	Adjusts the brightness of the screen.			
	Contrast	Adjusts the co	Adjusts the contrast of the screen.		
	Sharpness	Adjusts the sh	Adjusts the sharpness of the screen.		
		High	Optimizes the screen for crystal clear images. Best for high-definition video or games.		
	SUPER RESOLUTION+	Middle	Optimizes the screen for comfortable viewing, with images at the middle level between the low and high modes. Best for UCC or SD videos.		
		Low	Optimizes the screen for smooth and natural images. Best for still images or images with less movement.		
Picture Adjust		Off	Displays in the most common setting. Disables SUPER RESOLUTION+ .		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		NOTE . Because this	s is a function to increase the sharpness of low resolution pictures, it is not recommended to use		
			the function for normal text or for desktop icons. Doing so may result in unnecessarily high sharpness.		
		Sets the offset level.			
	Plack Lovel	Offset: as a reference for a video signal, this is the darkest color the monitor can display.			
	Black Level	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	Adjusts the brightness automatically according to the screen.			

Settings > Picture	Description		
		Sets a response time for displayed pictures based on the speed of the screen. For a normal environment, it is recommended that you use Fast . For a fast-moving picture, it is recommended that you use Faster . Once Faster Mode is selected, Motion Blur may occur depending on the content.	
	Response Time	Faster	Sets the response time to Faster .
		Fast	Sets the response time to Fast .
		Normal	Sets the response time to Normal .
		Off	Disables the feature.
Game Adjust FreeSync		• Supported of Sup	
	E	Extended	Enables wider frequency range of FreeSync function than basic mode. The screen may flicker during the game play.
		Basic	Enables basic frequency range of FreeSync function.
		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.		

Settings > Picture		Description		
	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 .	
		Set your own	color temperature.	
		Custom	The user can adjust it to red, green, or blue by customization.	
	Color Temp	Warm	Sets the screen color to a reddish tone.	
		Medium	Sets the screen color to between a red and blue tone.	
Color Adjust		Cool Sets the screen color to a bluish tone.		
		Manual	The user can fine-tune the color temperature.	
	Red/Green/Blue	You can customize the picture color using red, green, and blue colors.		
	Six Color Cyan,		er requirements for colors by adjusting the hue and saturation of the six colors (red, green, blue, a, 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 and darker the colors become.	
Picture Reset	Do you want to reset	No	Cancel the select.	
Picture Reset	your picture settings?	Yes	Returns to the default settings.	

General

Settings > General	Description			
Language	Sets the menu screen to the desired language.			
	Conserve energy by using luminance compensation algorithm.			
	High	Saves energy using the high-efficiency SMART ENERGY SAVING feature.		
	Low	Saves energy using the low-efficiency SMART ENERGY SAVING feature.		
SMART ENERGY SAVING	Off	Disables the feature.		
	NOTE			
	3,	g data may differ depending on panel and panel suppliers.		
	• If you select the option of SMART ENERGY SAVING is High or Low, monitor luminance become lower or higher depend on source			
	When Deep sleep mode is enabled, power consumption is minimized while the monitor is in standby mode.			
Deep Sleep Mode	On	Enables Deep sleep Mode.		
	Off	Disables Deep sleep Mode.		
Power LED	On	The power LED turns on automatically.		
Power LED	Off	The power LED turns off.		
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 for the auto-off function. (8 H, 6 H, 4 H, and Off)			
Input Compatibility Version	Set Input Compatibility Version to the same version as the connected external device. - In case of DisplayPort and USB-C set to 1.4 or over to use the HDR function. - In case of HDMI input, set to 2.0 or over to use the HDR function.			
	This feature lets you set the sound generated from Buzzer when your monitor powers on.			
Buzzer	On	Enables your monitor's Buzzer .		
	Off	Disables your monitor's Buzzer .		

Settings > General	Description		
	This feature disables the configuration and adjustment of menus.		
	On	Enables OSD Lock.	
OSD Lock Off Disables OSD Lock.		k.	
	NOTE		
	All features are disabled except Brightness, Contrast, Volume, Input List, Auto Input Switch, Aspect Ratio, PBP, OSD Lock and Information.		
Information	The following display information will be shown; Total Power On Time, Resolution .		
B C	Do you want to reset	No	Cancel the select.
Reset to Initial Settings	your settings?	Yes	Returns to the default 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 white?	Check that the connected input is enabled (Settings > Input).	
Is the power LED blinking?	If the monitor is in sleep mode, move the mouse, or press any key on the keyboard, to switch the display on. Check if the computer is turned on.	
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?	This occurs when signals transferred from the PC (graphics card) are out of the recommended horizontal or vertical frequency range of the monitor. Please see the Product Specification section of this manual to set the appropriate frequency.	
Is the No Signal message being displayed?	This is displayed when the signal cable between the PC and the monitor is missing or disconnected. Check the cable and reconnect it.	
Have you installed the display driver?	Be sure to install the display driver from our web site: http://www.lg.com. Make sure to check if the graphics card supports Plug and Play function.	

Some features are disabled.	
Are some functions not available when you press the Menu button?	The OSD is locked. Go to Settings > General and set OSD Lock to Off .

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?	To extend the lifetime of the monitor, use a screensaver.

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.



NOT

- 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** > **Menu** 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.	The display color is abnormal.			
Does the display appear discolored (16 colors)?	• Set the color to 24 bit (true color) or higher. In Windows, go to Control Panel > Display > Menu > 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 reinsert 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.			

No sound from the headphone port.		
Are images displayed using DP (DisplayPort) or HDMI input without sound?	 Make sure that the headphone port connections are made properly. Try increasing the volume with the joystick. Set the audio output of the PC to the monitor you are using. On Microsoft Windows, go to Control Panel > Hardware and Sound > Sound > Sound > set the Monitor as default device. (The settings may differ depending on the operating system (OS) you use.) 	

PRODUCT SPECIFICATION

LCD Screen	Color Depth	8-bit / 10-bit color	is supported.		
Resolution	Max Resolution	3440 x 1440 @ 10	3440 x 1440 @ 100 Hz (HDMI)		
		3440 x 1440 @ 10	00 Hz (DP / USB-C)		
	Recommended Resolution		3440 x 1440 @ 100 Hz (HDMI)		
		3440 x 1440 @ 10	00 Hz (DP / USB-C)		
Power Sources	Power Rating	19 V 7.0 A			
	Power Consumption	On mode: 48 W (Ty	On mode: 48 W (Typical)*		
	(Typical)		y Mode): ≤ 0.5 W **		
		Off Mode: ≤ 0.3 W			
AC/DC Adapter	A16-140P1A type, manufactured by CHICONY POWER TECHNOLOGY Co., Ltd. Or ADS-150KL-19N-3 190140E type, manufactured by SHENZHEN HONOR ELECTRONIC Or A40-Z7370R190-140G0-E type, manufactured by MOSO POWER SUPPLY TECHNOLOGY CO LTD Output: 19 V === 7.37 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	809.0 x 568.3 x 26	809.0 x 568.3 x 260.0 (mm)		
		31.8 x 22.3 x 10.2 (31.8 x 22.3 x 10.2 (inches)		
	Without Stand	809.0 x 358.9 x 91	809.0 x 358.9 x 91.5 (mm)		
		31.8 x 14.1 x 3.6 (ir	31.8 x 14.1 x 3.6 (inches)		

Weight (Without Packaging)	With Stand	6.9 kg (15.1 lbs)
	Without Stand	5.0 kg (11.0 lbs)

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).

Factory Support Mode (Preset Mode, PC)

(DisplayPort / USB-C)

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	60	-/-	
800 x 600	37.879	60	+/+	
1024 x 768	48.363	60	-/-	
1920 x 1080	67.5	60	+/-	
1720 x 1440	88.739	59.92	+/-	DP / USB-C 1.2 PBP Preferred timing
3440 x 1440	88.84	59.99	+/-	
3440 x 1440	127.35	84.96	+/-	
3440 x 1440	151	100	+/-	DP / USB-C 1.2 Preferred timing DP / USB-C 1.4 Preferred timing

(HDMI)

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	60	-/-	
800 x 600	37.879	60	+/+	
1024 x 768	48.363	60	-/-	
1920 x 1080	67.5	60	+/-	
1720 x 1440	88.739	59.92	+/-	HDMI 1.4 PBP Preferred timing
3440 x 1440	43.76	29.95	+/-	
3440 x 1440	73.63	49.95	+/-	HDMI 1.4 Preferred timing
3440 x 1440	127.35	84.96	+/-	
3440 x 1440	151	100	+/-	HDMI 2.0 Preferred timing

If you use an input timing that is outside the supported frequency, you may experience poor response speed or image quality.

HDMI Timing (Video)

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Remarks
480P	31.5	60	
720P	45	60	
1080P	67.5	60	
2160P	135	60	

Beep Guide

Menu	Location
Quick Settings	1
Quick Settings - Brightness	1 1
Quick Settings - Brightness	1 1 1 Slider
Quick Settings - Contrast	1 2
Quick Settings - Contrast	1 2 1 Slider
Quick Settings - Volume	13
Quick Settings - Volume	1 3 1 Slider
Quick Settings - Color Temp	1 4
Quick Settings - Color Temp - Custom	141
Quick Settings - Color Temp - Warm	142
Quick Settings - Color Temp - Medium	143
Quick Settings - Color Temp - Cool	1 4 4
Quick Settings - Color Temp - Manual	145
Quick Settings - Color Temp - Manual	1 4 5 1 Slider
Input (PBP Off)	2
Input (PBP Off) - Input List	21
Input (PBP Off) - Input List - HDMI 1	211
Input (PBP Off) - Input List - HDMI 2	212
Input (PBP Off) - Input List - DisplayPort	213
Input (PBP Off) - Auto Input Switch	2 2 Toggle
Input (PBP Off) - Aspect Ratio	23
Input (PBP Off) - Aspect Ratio - Full Wide	231
Input (PBP Off) - Aspect Ratio - 16:9	232

Menu	Location
Input (PBP Off) - Aspect Ratio - 4:3	233
Input (PBP Off) - PBP	2 4
Input (PBP Off) - PBP - Off	2 4 1
Input (PBP Off) - PBP - PBP(1:1)	2 4 2
Input (PBP Off) - Main/Sub Screen Change	2 5
Input (PBP Off) - Main/Sub Sound Change	26
Input (PBP On)	2
Input (PBP On) - Input List	2 1
Input (PBP On) - Input List - Main Input	211
Input (PBP On) - Input List - Main Input - HDMI 1	2111
Input (PBP On) - Input List - Main Input - HDMI 2	2112
Input (PBP On) - Input List - Main Input - DisplayPort	2113
Input (PBP On) - Input List - Sub Input	212
Input (PBP On) - Input List - Sub Input - HDMI 1	2121
Input (PBP On) - Input List - Sub Input - HDMI 2	2122
Input (PBP On) - Input List - Sub Input - DisplayPort	2123
Input (PBP On) - Auto Input Switch	22
Input (PBP On) - Aspect Ratio	23

Menu	Location
Input (PBP On) - Aspect Ratio - Main Aspect Ratio	231
Input (PBP On) - Aspect Ratio - Main Aspect Ratio - Full Wide	2311
Input (PBP On) - Aspect Ratio - Main Aspect Ratio - Original	2312
Input (PBP On) - Aspect Ratio - Sub Aspect Ratio	232
Input (PBP On) - Aspect Ratio - Sub Aspect Ratio - Full Wide	2321
Input (PBP On) - Aspect Ratio - Sub Aspect Ratio - Original	2322
Input (PBP On) - PBP	2 4
Input (PBP On) - PBP - Off	2 4 1
Input (PBP On) - PBP - Off - HDMI 1	2411
Input (PBP On) - PBP - Off - HDMI 2	2412
Input (PBP On) - PBP - Off - DisplayPort	2413
Input (PBP On) - PBP - On	242
Input (PBP On) - PBP - On - HDMI 1	2421
Input (PBP On) - PBP - On - HDMI 2	2422
Input (PBP On) - PBP - On - DisplayPort	2423
Input (PBP On) - Main/Sub Screen Change - On	2 5
Input (PBP On) - Main/Sub Sound Change - On	26
Picture	3

Menu	Location
Picture - Picture Mode	3 1
Picture - Picture Mode - Custom	311
Picture - Picture Mode - Vivid	312
Picture - Picture Mode - HDR Effect	313
Picture - Picture Mode - Reader	314
Picture - Picture Mode - Cinema	315
Picture - Picture Mode - FPS	316
Picture - Picture Mode - RTS	317
Picture - Picture Mode - Color Weakness	318
Picture - Picture Adjust	3 2
Picture - Picture Adjust - Brightness	3 2 1
Picture - Picture Adjust - Brightness	3 2 1 1 Slider
Picture - Picture Adjust - Contrast	322
Picture - Picture Adjust - Contrast	3 2 2 1 Slider
Picture - Picture Adjust - Sharpness	323
Picture - Picture Adjust - Sharpness	3 2 3 1 Slider
Picture - Picture Adjust - SUPER RESOLUTION+	3 2 4
Picture - Picture Adjust - SUPER RESOLUTION+ - High	3 2 4 1
Picture - Picture Adjust - SUPER RESOLUTION+ - Middle	3 2 4 2
Picture - Picture Adjust - SUPER RESOLUTION+ - Low	3243

Menu	Location
Picture - Picture Adjust - SUPER RESOLUTION+ - Off	3244
Picture - Picture Adjust - Black Level	325
Picture - Picture Adjust - Black Level - High	3 2 5 1
Picture - Picture Adjust - Black Level - Low	3252
Picture - Picture Adjust - DFC	3 2 6 Toggle
Picture - Game Adjust	33
Picture - Game Adjust - Response Time	331
Picture - Game Adjust - Response Time - Faster	3311
Picture - Game Adjust - Response Time - Fast	3312
Picture - Game Adjust - Response Time - Normal	3313
Picture - Game Adjust - Response Time - Off	3314
Picture - Game Adjust - Freesync	332
Picture - Game Adjust - Freesync - Extended	3 3 2 1
Picture - Game Adjust - Freesync - Basic	3322
Picture - Game Adjust - Freesync - Off	3323
Picture - Game Adjust - Black Stabilizer	3331
Picture - Game Adjust - Black Stabilizer	3 3 3 1 Slider
Picture - Color Adjust	3 4
Picture - Color Adjust - Gamma	3 4 1

Menu	Location
Picture - Color Adjust - Gamma - Mode 1	3411
Picture - Color Adjust - Gamma - Mode 2	3412
Picture - Color Adjust - Gamma - Mode 3	3413
Picture - Color Adjust - Gamma - Mode 4	3414
Picture - Color Adjust - Color Temp	3 4 2
Picture - Color Adjust - Color Temp - Custom	3 4 2 1
Picture - Color Adjust - Color Temp - Warm	3422
Picture - Color Adjust - Color Temp - Medium	3423
Picture - Color Adjust - Color Temp - Cool	3424
Picture - Color Adjust - Color Temp - Manual	3 4 2 5
Picture - Color Adjust - Color Temp - Manual	3 4 2 5 1 Slider
Picture - Color Adjust - Red	3 4 3
Picture - Color Adjust - Red	3 4 3 1 Slider
Picture - Color Adjust - Green	3 4 4
Picture - Color Adjust - Green	3 4 4 1 Slider
Picture - Color Adjust - Blue	3 4 5

Menu	Location
Picture - Color Adjust - Blue	3 4 5 1 Slider
Picture - Color Adjust - Six Color	3 4 6
Picture - Color Adjust - Six Color - Red Hue	3 4 6 1
Picture - Color Adjust - Six Color - Red Hue	3 4 6 1 1 Slider
Picture - Color Adjust - Six Color - Red Saturation	3 4 6 2
Picture - Color Adjust - Six Color - Red Saturation	3 4 6 2 1 Slider
Picture - Color Adjust - Six Color - Green Hue	3 4 6 3
Picture - Color Adjust - Six Color - Green Hue	3 4 6 3 1 Slider
Picture - Color Adjust - Six Color - Green Saturation	3 4 6 4
Picture - Color Adjust - Six Color - Green Saturation	3 4 6 4 1 Slider
Picture - Color Adjust - Six Color - Blue Hue	3 4 6 5
Picture - Color Adjust - Six Color - Blue Hue	3 4 6 5 1 Slider
Picture - Color Adjust - Six Color - Blue Saturation	3466
Picture - Color Adjust - Six Color - Blue Saturation	3 4 6 6 1 Slider
Picture - Color Adjust - Six Color - Cyan Hue	3467

Menu	Location
Picture - Color Adjust - Six Color - Cyan Hue	3 4 6 7 1 Slider
Picture - Color Adjust - Six Color - Cyan Saturation	3 4 6 8
Picture - Color Adjust - Six Color - Cyan Saturation	3 4 6 8 1 Slider
Picture - Color Adjust - Six Color - Magenta Hue	3 4 6 9
Picture - Color Adjust - Six Color - Magenta Hue	3 4 6 9 1 Slider
Picture - Color Adjust - Six Color - Magenta Saturation	3 4 6 10
Picture - Color Adjust - Six Color - Magenta Saturation	3 4 6 10 1 Slider
Picture - Color Adjust - Six Color - Yellow Hue	3 4 6 11
Picture - Color Adjust - Six Color - Yellow Hue	3 4 6 11 1 Slider
Picture - Color Adjust - Six Color - Yellow Saturation	3 4 6 12
Picture - Color Adjust - Six Color - Yellow Saturation	3 4 6 12 1 Slider
Picture - Picture Reset	3 5
Picture - Picture Reset - No	351
Picture - Picture Reset - Yes	352
General	4
General - Language	41
General - Language - English	411
General - Language - German	412

Menu	Location
General - Language - French	413
General - Language - Spanish	414
General - Language - Italian	415
General - Language - Swedish	416
General - Language - Finnish	417
General - Language - Portuguese	418
General - Language - Portuguese (Brazil)	419
General - Language - Polish	4 1 10
General - Language - Russian	4 1 11
General - Language - Turkish	4 1 12
General - Language - Ukrainian	4 1 13
General - Language - Chinese	4 1 14
General - Language - Traditional Chinese	4 1 15
General - Language - Japanese	4 1 16
General - Language - Korean	4 1 17
General - SMART ENERGY SAVING	4 2
General - SMART ENERGY SAVING - High	4 2 1
General - SMART ENERGY SAVING - Low	422
General - SMART ENERGY SAVING - Off	423
General - Deep Sleep Mode	4 3 Toggle
General - Power LED	4 4 Toggle
General - Automatic Standby	4 5
General - Automatic Standby - 8H	451

Menu	Location
General - Automatic Standby - 6H	4 5 2
General - Automatic Standby - 4H	453
General - Automatic Standby - Off	454
General - Input Compatibility Version	4 6
General - Input Compatibility Version - 2.0/1.4	461
General - Input Compatibility Version - 1.4/1.2	462
General - Buzzer	4 7 Toggle
General - OSD Lock	4 8 Toggle
General - Information	4 9
General - Information	491
General - Reset to Initial Setting	4 10
General - Reset to Initial Setting - No	4 10 1
General - Reset to Initial Setting - Yes	4 10 2



Supplier's Declaration of Conformity

Trade Name LG

Responsible Party LG Electronics USA, Inc.

Address 111 S

111 Sylvan Avenue, North Building,

Englewood Cliffs, NJ 07632

E-mail lg.environmental@lge.com

The model and serial number of the product are located on the back and on one side of the product.

Record them below in case you ever need service.

Model ______Serial No. _____