

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.

38WN95C

38BN95C

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# **LICENSE**

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In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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

# 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.



- 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 enclosed CD or 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**

	<b>w</b>	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 3 seconds with your finger to turn off the monitor.
	<b>⋖/</b> ▶	Volume control	You can control the volume by moving the joystick button left/right.

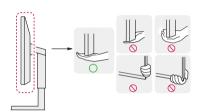
### **NOTE**

• 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.



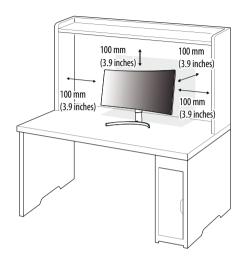


#### **⚠** CAUTION

- 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 (3.9 inches) away from the wall to ensure sufficient ventilation.

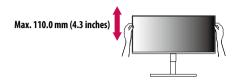




- Unplug the power cord before moving or installing the monitor. There is risk of electric shock.
- Make sure to use the power cord that is provided in the product package and connect it to a grounded power outlet.
- If you need another power cord, please contact your local dealer or the nearest retail store.

### **Adjusting the Stand Height**

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



### **MARNING**

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

### **Adjusting the Angle**

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

The angle of the screen can be adjusted forward or backward from -5° to 15° for a comfortable viewing experience.

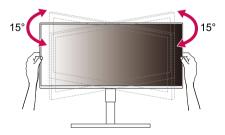


#### **WARNING**

- 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.



### **NOTE**



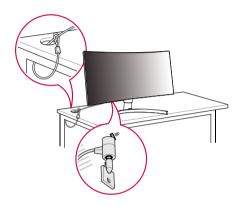
Swivel (clockwise 15°) Swivel (counter clockwise 15°)

### **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**

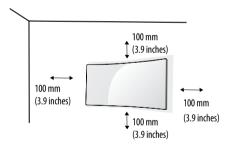
This monitor meets the specifications for the wall mount plate or other compatible devices.



- 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 (3.9 inches) away from the wall and leave about 100 mm (3.9 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.

Wall Mount (mm)	100 x 100
Standard screw	M4 x L10
Number of screws	4
Wall Mount Plate (Optional)	LSW149

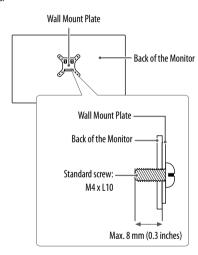


#### **NOTE**

- 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 non-standard screws.
- 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. If you use screws longer than the standard length, it may damage the inside of the product.
- 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**  $\rightarrow$  **Input**, and then select the input option.

#### **CAUTION**

- Do not press the screen for a prolonged time. This may cause image distortion.
- Do not display a still image on the screen for a prolonged time. This may cause image retention. Use a PC screensaver if possible.
- When connecting the power cord to the outlet, use a grounded (3-hole) power strip or a grounded power
- 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°/™ cable
- High-Speed HDMI°/™ cable with Ethernet

#### **DisplayPort Connection**

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



#### **NOTE**

- There may be no video or audio output depending on the DP (DisplayPort) version of the PC.
- If you are using a Mini DisplayPort output graphics card, use a Mini DP to DP (Mini DisplayPort to DisplayPort) cable or gender that supports DisplayPort1.2 or 1.4. (Sold separately)

#### Thunderbolt<sup>™</sup> 3 ( £ ) Connection

You can connect your high-resolution display or high-performance data device to the monitor via a Thunderbolt<sup>™</sup> 3 ( **4**) port.



- The maximum data transmission rate of each port is 40 Gb/s.
- Make sure to use a Thunderbolt<sup>™</sup> 3 ( f) certified cable. Otherwise, this may cause the device to malfunction.
- Thunderbolt<sup>™</sup> 3 ( \$\frac{1}{2}\$) is supported in such environments as Windows 10 and Mac product.
- In accordance with Mac products may not support the recommended resolution or the some features.

# **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°/™ cable
  - High-Speed HDMI°/™ cable with Ethernet

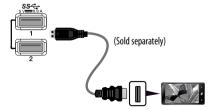
# **Connecting Peripherals**

#### **USB Device connection**

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



- It is recommended you install all Windows Updates to keep your Windows up-to-date 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.



### **!** 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.)

#### Case 1: Thunderbolt™ 3 (∮) Input

Peripheral devices connected to the USB IN port can be controlled from the PC.

If you change the input on the menu while a device is connected via the Thunderbolt  $^{\mathbb{M}}$  3 ( $\mathcal{J}$ ) port, then the device connected via the USB port may not work properly.

#### [To use Thunderbolt cable]

To use USB 3.0, connect the Thunderbolt cable from the monitor to your PC.



#### Case 2: HDMI/DP (DisplayPort) Input

Peripheral devices connected to the USB IN port can be controlled from the PC.

#### [To use USB C-A cable]

To use USB 3.0, connect the USB C-A cable from the monitor to your PC.



### **Headphones Connection**

Connect peripherals to the monitor via the headphones port.

### NOTE

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





Angled

Straight (Recommend)

# **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**



- Press the joystick button on the bottom of the monitor.
- Move the joystick up/down and left/right to set the options.
- Press the joystick button once more to exit the main menu.

Button	Menu Status		Description
	Main menu disabled  Main menu enabled		Enables the main menu.
			Exits the main menu. (Holding down the button more than 3 seconds to turn off the monitor. You can turn off the monitor this way at any time, including when the OSD is on.)
	Main menu disabled		Adjusts the monitor volume level.
		Main menu enabled	Enters the <b>Input</b> features.
		Main menu disabled	Adjusts the monitor volume level.
		Main menu enabled	Enters the <b>Settings</b> feature.
A		Main menu disabled	Enters the <b>Accessibility</b> menu.
	_	Main menu enabled	Turns off the monitor.
	_	Main menu disabled	Enters the Accessibility menu.
•		Main menu enabled	Enters the <b>Game Mode</b> feature.

#### Main Menu Features



Main Menu	Description		
Input	Sets input mode.		
Power Off	rns off the monitor.		
Settings	onfigures the screen settings.		
Game Mode	Sets the game mode for gaming.		
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 (டு) 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 screen.	Adjusts the brightness of the screen.		
Auto Brightness	Optimizes the brightness automatical	ly for surrounding illuminance.		
Contrast	Adjusts the contrast of the screen.			
	Adjusts the volume.			
Volume	NOTE			
	- You can adjust <b>Mute</b> / <b>Unmute</b> 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.		
Color Temp	Warm	Sets the screen color to a reddish tone.		
Color lemp	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.	Selects the input mode.		
	Adjusts the aspect ratio of the 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.		
Aspect Ratio	Just Scan	The aspect ratio is not adjusted from the original.		
	Cinema 1	Enlarges the screen with an aspect ratio of 21:9.		
	Cinema 2	Enlarges the screen with an aspect ratio of 21:9, including the black box at the bottom for subtitles.		
PBP	Displays the screens of two input modes on one monitor.			
Main/Sub Screen Change	Toggles between the main screen and sub screen in <b>PBP</b> mode.			
Main/Sub Sound Change	Toggles between the audio of the main screen and sub screen in <b>PBP</b> mode.			

# [PBP]

Settings > Input		Description					
	Displays the screens of tw	Displays the screens of two input modes on one monitor.					
	Main Input List	Discount of the Article is					
	Sub Input List	Please refer to the table below for possible PBP combinations.					
	DDD (	PBP Connection		Sub Screen	(Right)		
Input List	PBPC			HDMI 2	DP	Thunderbolt™ 3 (∮)	
		HDMI 1	-	0	0	0	
	Main Comment (1 -64)	HDMI 2	0	-	0	0	
	Main Screen (Left)	DP	0	0	-	Х	
		Thunderbolt™ 3 ( 🗲 )	0	0	Х	-	
	Adjusts the aspect ratio of the screen.						
	Main Asnast Datia	Full Wide		Displays the video to fit the PBP screen, regardless of the video signal input.			
Aspect Ratio	Main Aspect Ratio	Original	Displays the video in the aspect ratio of the video signal input on the PBP screen.				
	Cul. Asses at Death	Full Wide	Displays the video to fit the PBP screen, regardless of the video signal input.				
	Sub Aspect Ratio	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 <b>PBP</b> 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.		
	Cinema	Optimizes the screen to improve the visual effects of a video.		
Picture Mode	sRGB	A standard RGB color space for the monitor and printer.		
	DCI-P3	Suitable for watching digital videos.		
	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.			
	<ul> <li>NOTE</li> <li>HDR content may not display correctly depending on Windows 10/ macOS settings, please check HDR On/Off settings in Windows.</li> <li>When the HDR function is turned on, the characters or picture quality may be poor according to Graphic card performance.</li> <li>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.</li> </ul>				

Settings > Picture	Description			
	Brightness	Adjusts the brightness of the screen.		
	Auto Brightness	Optimizes the brightness automatically for surrounding illuminance.		
	Contrast	Adjusts the contra	st of the screen.	
	Sharpness	Adjusts the sharpn	ess 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 <b>SUPER RESOLUTION+</b> .	
			function to increase the sharpness of low resolution pictures, it is not recommended to use the function for or desktop icons. Doing so may result in unnecessarily high sharpness.	
	Black Level	Sets the offset level Offset: as a refer	el ence 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	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 <b>Fast</b> .  For a fast-moving picture, it is recommended that you use <b>Faster</b> .  Once <b>Faster Mode</b> is selected, <b>Motion Blur</b> may occur depending on the content.		
	Response Time	Faster	Sets the response time to <b>Faster</b> .	
		Fast	Sets the response time to <b>Fast</b> .	
		Normal	Sets the response time to <b>Normal</b> .	
		Off	Disables the feature.	
Game Adjust	Adaptive-Sync	Provides seamless and natural images by synchronizing the vertical frequency of the input signal with that of the outp  (AUTION)  In HDMI input, the menu name is displayed as certified AMD FreeSync Tier name instead of Adaptive-Sync. (FreeSync Premium / FreeSync Premium Pro)  Supported Interface: DisplayPort (G-SYNC, FreeSync), HDMI (FreeSync).  Supported Graphic Card: A graphic card that supports NVIDIA's G-SYNC or AMD's FreeSync is necessary.  Supported Version: Make sure to update the graphic card to the latest driver.  For more information and requirement, refer to NVIDIA website (www.nvidia.com) and AMD website (www.amd.com)  Adaptive-Sync function on.  Off  Adaptive-Sync 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 <b>Mode 4</b> .
		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.	
		Meets the user req yellow) and then s	uirements for colors by adjusting the hue and saturation of the six colors (red, green, blue, cyan, magenta, and aving 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.
Picture Reset	Do you want to recet your nicture cattings?	Yes	Returns to the default settings.
ricture neset	Do you want to reset your picture settings?	No	Cancel the select.

### 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 <b>SMART ENERGY SAVING</b> feature.	
SMART ENERGY SAVING	Off	Disables the feature.	
	<ul> <li>NOTE</li> <li>The value of energy saving data may differ depending on panel and panel suppliers.</li> <li>If you select the option of SMART ENERGY SAVING is High or Low, monitor luminance become lower or higher depend on source.</li> </ul>		
Power LED	Turns the power LED on the bottom of the monitor on or off.  NOTE  When the Power LED function is turned on, it operates as follows:  On Mode: White  Sleep Mode (Standby Mode): Flashing White  Off Mode: 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)		
DisplayPort Version	Set <b>DisplayPort Version</b> to the same version as the connected external device. ( <b>1.4</b> , <b>1.2</b> and <b>1.1</b> )  To use the HDR function, set to <b>1.4</b> .		

Settings > General	Description		
	HDMI Compatibility Mode feature can recogniz	ze the legacy equipment that does not support HDMI 2.0.	
	On	Enables HDMI Compatibility Mode.	
	Disables HDMI Compatibility Mode.		
HDMI Compatibility Mode	NOTE		
	• • • • • • • • • • • • • • • • • • • •	MI Compatibility Mode, the screen or sound may not work properly.	
	This may cause the screen to appear abnorn	DMI 2.0,but you can select HDMI 2.0 resolution in the control panel of window. nally.	
	Maximizes the contrast ratio by making the br	ight areas of the screen brighter and the dark areas of the screen darker.	
	① NOTE		
Local Dimming	Turning this option <b>Off</b> may increase energy consumption.		
Local Dillilling	Off	Disables the feature.	
	On	Enables Local Dimming.	
	Auto	Adjusts the contrast ratio automatically according to the screen for high dynamic range.	
	Provides global dimming effects depending or	n game or video content.	
	Faster	Preferably for PC gaming experiences.	
	Fast	Preferably for console gaming experiences.	
	Normal	Preferably for playing video content and internet or word-processing.	
Variable Backlight	Off	Disables the Variable Backlight feature.	
	NOTE		
	When these feature is enabled, a slight halo effect may be shown on dark backgrounds. This is normal and not a malfunction.		
	The function can only be used on HDR content. It is recommended to turn off when you are not using the gaming function.		

Settings > General	Description				
	This feature lets you set the sound generated from Buzzer when your monitor powers on.		feature lets you set the sound generated from Buzzer when your monitor powers on.		
Buzzer	On	Enables your monitor's <b>Buzzer</b> .			
	Off	Disables your monitor's <b>Buzzer</b> .			
	This feature disables the configuration and adjustment of menus.				
	On	Enables <b>OSD Lock</b> .			
OSD Lock	Off	Disables <b>OSD Lock</b> .			
	<b>●</b> NOTE				
	All features are disabled except Brightness, Auto Brightness, Contrast, Volume, Input List, Aspect Ratio, PBP, OSD Lock and Information.				
	When Deep sleep mode is enabled, power con	sumption is minimized w	hile the monitor is in standby mode.		
	On	Enables Deep sleep Mode.			
Deep Sleep Mode	Off	Disables Deep sleep Mo	ode.		
	NOTE				
	USB HUB functions will not work in standby	mode while Deep sleep N	lode is enabled in standby mode.		
Information	The following display information will be shown; <b>Total Power On Time</b> , <b>Resolution</b> .				
Docat to Initial Cottinue	Do you want to recet your cettings?	Yes	Returns to the default settings.		
Reset to Initial Settings	Do you want to reset your settings?	No	Cancel the select.		

# **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).	
Does the <b>No Signal</b> message appear or is the screen not 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> <li>If the screen is not displayed after reconnecting the signal cable, set as below.</li> <li>HDMI Input: Set HDMI Compatibility Mode to off in the monitor's General settings.</li> <li>DisplayPort Input: Set DisplayPort Version in the monitor's General settings to the same version as the connected external device.</li> </ul>	
Is the <b>Out of Range</b> message being displayed?	This occurs when signals transferred from the PC (graphics card) are out of the horizontal or vertical frequency range of the monitor. Please see the Product Specification section of this manual to set the appropriate frequency.	
Does the connected PC support Thunderbolt™ 3 ( 🗲 ) when the Thunderbolt cable is used?	<ul> <li>Use the USB-C Cable (sold separately) for the PC that only supports the USB-C output.</li> <li>Contact the manufacturer of the PC to see if the PC supports Thunderbolt™3 ( ∮).</li> </ul>	
Screen display is unstable and shaky. / Images displa	yed on the monitor leave shadow trails.	
Did you select the appropriate resolution?	<ul> <li>If the selected resolution is HDMI 1080i 60/50 Hz (interlaced), the screen may be flickering. Change the resolution to 1080p or the recommended resolution.</li> <li>Not setting the graphics card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area or misalignment of the display.</li> <li>The setting methods may be different depending on the computer or operating system, and some resolutions may not be available depending on the performance of the graphics card. If this is the case, contact the manufacturer of the computer or graphics card for assistance.</li> </ul>	
Does image sticking occur even when the monitor is turned off?	<ul> <li>Displaying a still image for a prolonged time may cause damage to the screen, resulting in the retention of the image.</li> <li>To extend the lifetime of the monitor, use a screensaver.</li> </ul>	
Are there spots on the screen?	• 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.	

Some features are disabled.		
Are some functions not available when you press the Menu button?	The OSD is locked. Disable <b>OSD Lock</b> in <b>General</b> .	
Do you see an "Unrecognized monitor, Plug and Play	(VESA DDC) monitor found" message?	
Have you installed the display driver?	<ul> <li>Be sure to install the display driver from the display driver CD (or diskette) that comes with your display. Or, you can also download the driver from our we site: http://www.lg.com.</li> <li>Make sure to check if the graphics card supports Plug and Play function.</li> </ul>	
No sound from the headphone port.		
Are images displayed 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. (The settings may differ depending on the operating system (OS) you use.)</li> </ul>	

# **PRODUCT SPECIFICATION**

#### 38WN95C

38WN95C					
Color Depth	8-bit / 10-bit color is supported.				
	HDMI	Max Resolution	3840 x 1600 @ 75 Hz		
Resolution	Indiwi	Recommended Resolution	3840 x 1600 @ 75 Hz		
Resolution	Thursdayla IsMa ( C ) ( DD	Max Resolution	3840 x 1600 @ 144 Hz		
	Thunderbolt™3 (♂) / DP	Recommended Resolution	3840 x 1600 @ 120 Hz		
	Power Rating	19.5 V <del></del> 10.0 A			
Power Sources	Power Consumption	On mode: 80 W Typ. (Outgoing condition) * Off Mode: ≤ 0.3 W			
AC/DC Adapter	ACC-LATP1, manufactured by SHENZHEN HONOR EL Output: 19.5 V = 10.8 A	LECTRONIC			
	Operating Conditions	Temperature	0 °C to 40 °C (32 °F to 104 °F)		
Environmental Conditions		Humidity	Less than 80 %		
Environmental Conditions	Storing Conditions	Temperature	-20 °C to 60 °C (-4 °F to 140 °F)		
		Humidity	Less than 85 %		
	Monitor Size (Width x Height x Depth)				
Dimensions	With Stand	895.4 x 583.7 x 285 (mm) 35.2 x 22.9 x 11.2 (inches)			
	Without Stand	895.4 x 393.4 x 97.4 (mm) 35.2 x 15.4 x 3.8 (inches)			
W : 1. (West B. I - : . )	With Stand	8.4 kg (18.5 lbs)			
Weight (Without Packaging)	eight (Without Packaging) Without Stand		6.6 kg (14.5 lbs)		

The specifications are subject to change without notice.

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

 $<sup>{}^*</sup>$  The On mode power consumption is measured with LGE test standard (Full White pattern , Maximum resolution).

# **PRODUCT SPECIFICATION**

38BN95C

38BN95C				
Color Depth	8-bit / 10-bit color is supported.			
	HDMI	Max Resolution	3840 x 1600 @ 75 Hz	
Resolution	HUMII	Recommended Resolution	3840 x 1600 @ 75 Hz	
Kesolution	Thursdayle (kIM2 / C) / DD	Max Resolution	3840 x 1600 @ 144 Hz	
	Thunderbolt™3 ( 🗲 ) / DP	Recommended Resolution	3840 x 1600 @ 120 Hz	
	Power Rating	19.5 V <del></del> 10.0 A		
Power Sources	Power Consumption	On mode: 45.82 W Typ. (ENERGY STAR® standard) * Off Mode: ≤ 0.3 W		
AC/DC Adapter	ACC-LATP1, manufactured by SHENZHEN HONOR ELECTRONIC Output: 19.5 V = 10.8 A			
	Operating Conditions	Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Environmental Conditions		Humidity	Less than 80 %	
Environmental Conditions	Storing Conditions	Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	
		Humidity	Less than 85 %	
	Monitor Size (Width x Height x Depth)			
	With Stand	895.4 x 583.7 x 285 (mm)		
Dimensions		35.2 x 22.9 x 11.2 (inches)		
	Without Stand	895.4 x 393.4 x 97.4 (mm)		
		35.2 x 15.4 x 3.8 (inches)		
Weight (Without Packaging)	With Stand	8.4 kg (18.5 lbs)		
Without Stand		6.6 kg (14.5 lbs)		

The specifications are subject to change without notice.

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

<sup>\*</sup> The On mode power consumption is measured with ENERGY STAR\* test standard.

# Factory Support Mode (Preset Mode, PC)

### HDMI

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	59.94	-/-	
800 x 600	37.879	60.317	+/+	
1024 x 768	48.363	60	-/-	
1920 x 1080	66.587	59.934	+/-	PBP
1920 x 1600	98.678	59.95	+/-	PBP
2560 x 1440	182.996	119.998	+/-	
3840 x 1600	48.688	29.998	+/-	HDMI 1.4 Preferred timing HDMI Compatibility Mode : On
3840 x 1600	98.75	59.994	+/-	HDMI 2.0 Preferred timing HDMI Compatibility Mode : Off FreeSync Premium Pro : Off
3840 x 1600	124,313	74.977	+/-	HDMI 2.0 Preferred timing HDMI Compatibility Mode : Off FreeSync Premium Pro : On

# Thunderbolt™ 3 (∮)/DP

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	59.94	-/-	
800 x 600	37.879	60.317	+/+	
1024 x 768	48.363	60	-/-	
1920 x 1080	66.587	59.934	+/-	PBP
1920 x 1600	98.678	59.95	+/-	PBP
3840 x 1600	98.75	59.994	+/-	
3840 x 1600	124.313	74.977	+/-	
3840 x 1600	203.25	119.982	+/-	TBT/DP Preferred timing
3840 x 1600	246.813	143.998	+/-	

# **HDMI Timing (Video)**

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

# **Beep Guide**

Menu	Location
Quick Settings	1
Quick Settings - Brightness	11
Quick Settings - Brightness	111 Slider
Quick Settings - Auto Brightness	1 2 Toggle
Quick Settings - Contrast	13
Quick Settings - Contrast	131Slider
Quick Settings - Volume	14
Quick Settings - Volume	1 4 1 Slider
Quick Settings - Color Temp	15
Quick Settings - Color Temp - Custom	151
Quick Settings - Color Temp - Warm	152
Quick Settings - Color Temp - Medium	153
Quick Settings - Color Temp - Cool	154
Quick Settings - Color Temp - Manual	155
Quick Settings - Color Temp - Manual	1551Slider
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) - Input List - Thunderbolt	214
Input (PBP Off) - Aspect Ratio	22

Menu	Location
Input (PBP Off) - Aspect Ratio - Full Wide	221
Input (PBP Off) - Aspect Ratio - Original	222
Input (PBP Off) - Aspect Ratio - Just Scan	223
Input (PBP Off) - Aspect Ratio - Cinema 1	224
Input (PBP Off) - Aspect Ratio - Cinema 2	225
Input (PBP Off) - PBP - Off	231
Input (PBP Off) - PBP - On	232
Input (PBP Off) - Main/Sub Screen Change	24
Input (PBP Off) - Main/Sub Sound Change	25
Input (PBP On)	2
Input (PBP On) - Input List	21
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 - Main Input - Thunderbolt	2114
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) - Input List - Sub Input - Thunderbolt	2124

Menu	Location
Input (PBP On) - Aspect Ratio	22
Input (PBP On) - Aspect Ratio - Main Aspect Ratio	221
Input (PBP On) - Aspect Ratio - Main Aspect Ratio - Full Wide	2211
Input (PBP On) - Aspect Ratio - Main Aspect Ratio - Original	2212
Input (PBP On) - Aspect Ratio - Sub Aspect Ratio	222
Input (PBP On) - Aspect Ratio - Sub Aspect Ratio - Full Wide	2221
Input (PBP On) - Aspect Ratio - Sub Aspect Ratio - Original	2222
Input (PBP On) - PBP	23
Input (PBP On) - PBP - Off	231
Input (PBP On) - PBP - Off - HDMI 1	2311
Input (PBP On) - PBP - Off - HDMI 2	2312
Input (PBP On) - PBP - Off - DisplayPort	2313
Input (PBP On) - PBP - Off - Thunderbolt	2314
Input (PBP On) - PBP - On	232
Input (PBP On) - Main/Sub Screen Change - On	2 4 Yes
Input (PBP On) - Main/Sub Sound Change - On	2 5 Yes
Picture	3
Picture - Picture Mode	31
Picture - Picture Mode - Custom	311

Menu	Location
Picture - Picture Mode - Vivid	312
Picture - Picture Mode - HDR Effect	313
Picture - Picture Mode - Reader	314
Picture - Picture Mode - Cinema	315
Picture - Picture Mode - sRGB	316
Picture - Picture Mode - DCI-P3	317
Picture - Picture Mode - FPS	318
Picture - Picture Mode - RTS	319
Picture - Picture Mode - Color Weakness	3 1 10
Picture - Picture Adjust	32
Picture - Picture Adjust - Brightness	321
Picture - Picture Adjust - Brightness	3 2 1 1 Slider
Picture - Picture Adjust - Auto Brightness	3 2 2 Toggle
Picture - Picture Adjust - Contrast	323
Picture - Picture Adjust - Contrast	3 2 3 1 Slider
Picture - Picture Adjust - Sharpness	324
Picture - Picture Adjust - Sharpness	3 2 4 1 Slider
Picture - Picture Adjust - SUPER RESOLUTION+	325
Picture - Picture Adjust - SUPER RESOLUTION+ - High	3251
Picture - Picture Adjust - SUPER RESOLUTION+ - Middle	3252
Picture - Picture Adjust - SUPER RESOLUTION+ - Low	3253
Picture - Picture Adjust - SUPER RESOLUTION+ - Off	3254

Menu	Location
Picture - Picture Adjust - Black Level	326
Picture - Picture Adjust - Black Level - High	3261
Picture - Picture Adjust - Black Level - Low	3262
Picture - Picture Adjust - DFC	3 2 7 Toggle
Picture - Picture Adjust - Uniformity	3 2 8 Toggle
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 - Adaptive-Sync	3 3 2 Toggle
Picture - Game Adjust - Black Stabilizer	333
Picture - Game Adjust - Black Stabilizer	3 3 3 1 Slider
Picture - Color Adjust	3 4
Picture - Color Adjust - Gamma	341
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	3421
Picture - Color Adjust - Color Temp - Warm	3422
Picture - Color Adjust - Color Temp - Medium	3423

Menu	Location
Picture - Color Adjust - Color Temp - Cool	3424
Picture - Color Adjust - Color Temp - Manual	3425
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
Picture - Color Adjust - Blue	3 4 5 1 Slider
Picture - Color Adjust - Six Color	346
Picture - Color Adjust - Six Color - Red Hue	3461
Picture - Color Adjust - Six Color - Red Hue	3 4 6 1 1 Slider
Picture - Color Adjust - Six Color - Red Saturation	3462
Picture - Color Adjust - Six Color - Red Saturation	3 4 6 2 1 Slider
Picture - Color Adjust - Six Color - Green Hue	3463
Picture - Color Adjust - Six Color - Green Hue	3 4 6 3 1 Slider
Picture - Color Adjust - Six Color - Green Saturation	3464
Picture - Color Adjust - Six Color - Green Saturation	3 4 6 4 1 Slider
Picture - Color Adjust - Six Color - Blue Hue	3465
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	3468
Picture - Color Adjust - Six Color - Cyan Saturation	3 4 6 8 1 Slider
Picture - Color Adjust - Six Color - Magenta Hue	3469
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 - Yes	351
Picture - Picture Reset - No	352
General	4
General - Language	41
General - Language - English	411
General - Language - German	412
General - Language - French	413
General - Language - Spanish	414
General - Language - Italian	415
General - Language - Swedish	416
General - Language - Finnish	417

Menu	Location
General - Language - Portuguese	418
General - Language - Portuguese (Brazil)	419
General - Language - Polish	4 1 10
General - Language - Russian	4111
General - Language - Greek	4112
General - Language - Ukrainian	4113
General - Language - Chinese	4114
General - Language - Traditional Chinese	4115
General - Language - Japanese	4116
General - Language - Korean	4 1 17
General - SMART ENERGY SAVING	42
General - SMART ENERGY SAVING - High	421
General - SMART ENERGY SAVING - Low	422
General - SMART ENERGY SAVING - Off	423
General - Power LED	4 3 Toggle
General - Automatic Standby	44
General - Automatic Standby - 8H	441
General - Automatic Standby - 6H	442
General - Automatic Standby - 4H	443
General - Automatic Standby - Off	444
General - DisplayPort Version	45
General - DisplayPort Version - 1.4	451
General - DisplayPort Version - 1.2	452

Menu	Location
General - DisplayPort Version - 1.1	453
General - HDMI Compatibility Mode	4 6 Toggle
General - Local Dimming	47
General - Local Dimming - Off	471
General - Local Dimming - On	472
General - Local Dimming - Auto	473
General - Variable Backlight	48
General - Variable Backlight - Faster	481
General - Variable Backlight - Fast	482
General - Variable Backlight - Normal	483
General - Variable Backlight - Off	484
General - Buzzer	4 9 Toggle
General - OSD Lock	4 10 Toggle
General - Deep Sleep Mode	4 11 Toggle
General - Information	412
General - Information	4121
General - Reset to Initial Setting	4 13
General - Reset to Initial Setting - Yes	4131
General - Reset to Initial Setting - No	4132



Trade Name LG

Responsible Party LG Electronics USA, Inc.

Address 111 Sylvan Avenue, North Building,

Englewood Cliffs,NJ 07632

E-mail lg.environmental@lge.com

This device can be used in all regions. Read the owner's manual (CD) carefully and keep it at hand. Please note that the label attached to the product provides information for technical support.

Model	
Serial No.	



(for 38BN95C)

This Product qualifies for ENERGY STAR®

Changing the factory default configuration and settings or enabling certain optional features and functionalities may increase energy consumption beyond the limits required for ENERGY STAR  $^{\odot}$  certification.

Refer to ENERGYSTAR.gov for more information on the ENERGY STAR  $^{\scriptsize @}$  program.