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.

40WT95UF

www.lg.com

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ENGLISH

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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 unauthorised components.
- It is recommended that use the supplied components.
- The product figures and screen displays used in this manual are examples to help consumers use the product and may differ 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.

NOTE

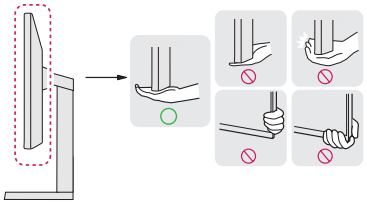
- The components may look different from those illustrated here.
- Without prior notice, all product information and specifications contained in this manual are subject to change to improve the performance of the product.
- To purchase optional accessories, visit an electronics store or an online shopping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

Installing

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.



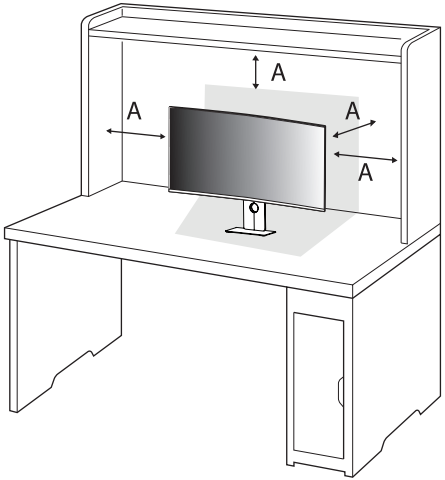


CAUTION

- 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.
- Standing the monitor panel up vertically may cause the monitor to fall due to the joystick and cause damage or 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 away from the wall to ensure sufficient ventilation.



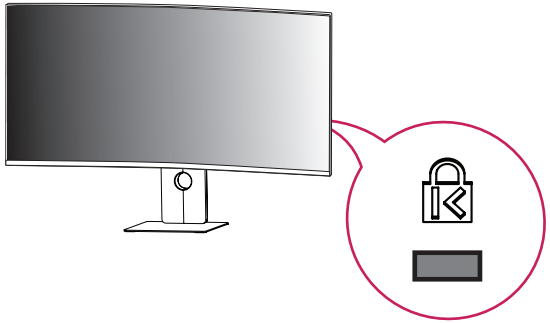
A: 100 mm

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.

Using the Kensington Lock

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



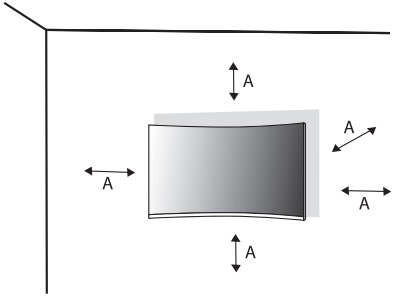
NOTE

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

Installing on the Wall

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

Install the monitor at least 100 mm away from the wall and leave about 100 mm 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.

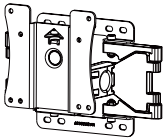


A: 100 mm

Installing the Wall Mount Plate

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.

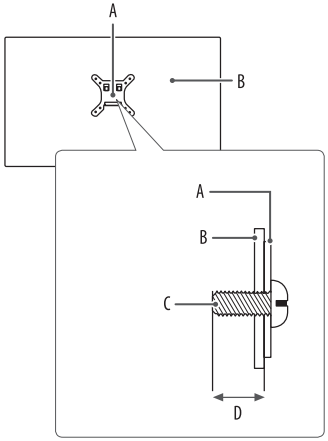
Wall Mount (mm)	100 x 100
Standard screw	M4 x L10
Number of screws	4
Wall Mount Plate (Optional)	LSW149 

NOTE

- 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. 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.
- 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.

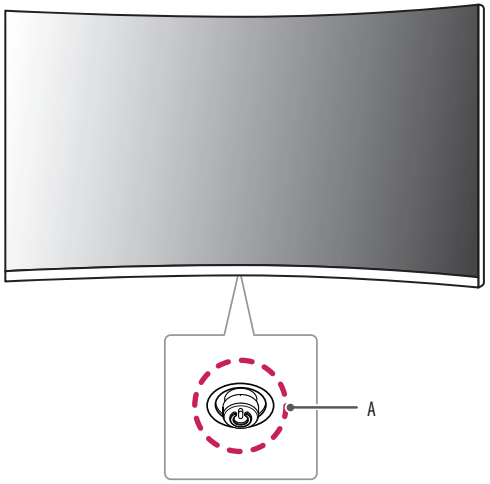
CAUTION

- 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 authorised LG wall mount and contact the local dealer or qualified personnel.
- To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.
- 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 or less.



A: Wall Mount Plate
B: Back of the Monitor
C: Standard screw
D: Max. 8 mm

Product Description

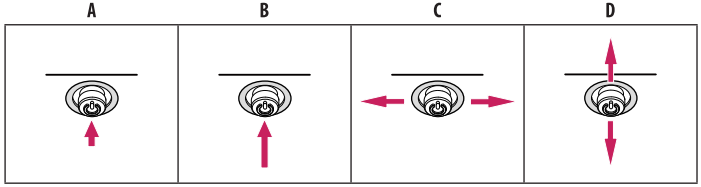


A: Joystick Button

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/up/down with your finger.

Basic Functions



A (Power on): Press the joystick button once with your finger to turn on the monitor.

B (Power off): Press and hold the joystick button once more than 5 seconds with your finger to turn off the monitor.

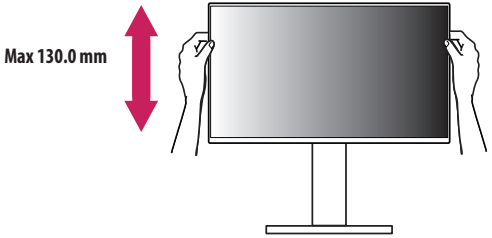
C (Volume control): You can control the volume by moving the joystick button left/right.

D (Controls screen brightness): You can control the screen's brightness by moving the joystick button up/down.

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.



WARNING

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

Adjusting the Angle

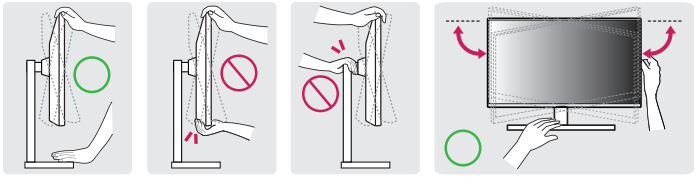
1 Place the monitor mounted on the stand base in an upright position.

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. And you can also adjust the angle of the screen by 20 degrees to the left or to the right.

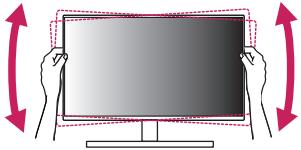
WARNING

- 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

- 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.



Supported Software

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

- Monitor Driver / LG Switch / Dual Controller / LG Calibration Studio

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

- If you use generic cables not certified by LG, the screen may not display or there may be image noises.
- Do not press the screen for a prolonged time. This may cause image distortion.
- Do not display a still image on the screen for a prolonged time. This may cause image retention. Use a PC screensaver if possible.
- When connecting the power cord to the outlet, use a grounded (3-hole) power strip or a grounded power outlet.
- The monitor may flicker when turned on in an area where the temperature is low. This is normal.
- Sometimes red, green, or blue spots may appear on the screen. This is normal.
- Make sure to use the supplied cable of the product. Otherwise, this may cause the device to malfunction.
- If the environment is reflective, move the monitor or lighting or adjust the brightness of the surroundings.

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.

NOTE

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

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 DisplayPort2.1 or DisplayPort1.4. (Sold separately)

Thunderbolt™ Connection

You can connect your high-resolution display or high-performance data device to the monitor via a Thunderbolt™ (⚡) port.

NOTE

- Make sure to use the supplied Thunderbolt™ cable. Otherwise, this may cause the device to malfunction.
- In accordance with PC products may not support the recommended resolution or some features.
- Of the two Thunderbolt™ ports, use the  one to connect to a PC through Thunderbolt™.
- Thunderbolt™ connectivity may be limited, depending on the performance and specifications of the PC.

Connecting LAN

LAN connection

Connect the router or switch to the monitor.

NOTE

- The LAN cable is sold separately.
- The following LAN cable type can be used: Standard: IEEE 802.3 ETHERNET
- The monitor and PC must be connected with a Thunderbolt™ cable or USB-C cable to use wired LAN.
- The LAN speed may vary depending on the specifications of the connected PC.

Connecting AV Devices

HDMI Connection

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

NOTE

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

Connecting Peripherals

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-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 recognised.
  - 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 recognised properly.)

Case 1: Thunderbolt™ 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™ (⚡) port, then the device connected via the USB port may not work properly.

To use Thunderbolt™ cable

To use USB 3.2 Gen2, connect the Thunderbolt™ cable from the monitor to your PC.

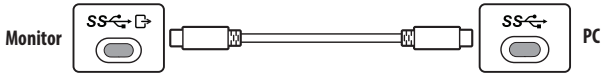


Case 2: HDMI/DP (DisplayPort) Input

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

To use USB-C cable

To use USB 3.2 Gen2, connect the USB-C cable from the monitor to your PC.



Headphones Connection

Connect peripherals to the monitor via the headphones port.

NOTE

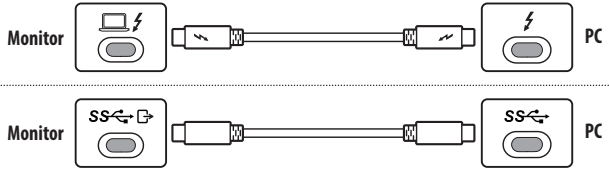
- Peripheral devices are sold separately.
- Depending on the audio settings of the PC and external device, headphones and speaker functions may be limited.
- If you use angled earphones, it may cause a problem with connecting another external device to the monitor. Therefore, it is recommended to use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



Angled

Straight
(Recommend)

- Please connect the Thunderbolt™ or USB-C cable from the monitor to your PC to use a microphone function with headphones equipped with a microphone.



USER SETTINGS

NOTE

- Your monitor's OSD (On Screen Display) may differ slightly from that shown in this manual.

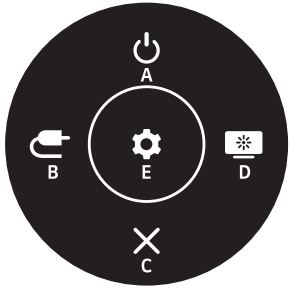
Activating the Main Menu



Joystick Button

1 Press the joystick button on the bottom of the monitor.
2 Move the joystick up/down and left/right to set the options.

Main Menu Features



Main Menu	Description
A: [Power Off]	Turns off the monitor.
B: [Input]	Sets input mode.
C: [Exit]	Exits the main menu.
D: [Picture Mode]	Sets the picture mode.
E: [Settings]	Configures the screen settings.

Menu Settings

1 To view the OSD menu, press the joystick button at the bottom of the monitor and then enter the [Settings].

2 Move the joystick up/down and left/right to set the options.

3 To return to the upper menu or set other menu items, move the joystick to ◀ or pressing (⏻) it.

4 If you want to exit the OSD menu, move the joystick to ◀ until you exit.


[Quick Settings]


[Input]


[Picture]


[General]

[Quick Settings]

[Settings] > [Quick Settings]

- [Brightness]: Adjusts the brightness of the screen.
- [Auto Brightness]: Optimises the brightness automatically for surrounding illuminance.
- [Contrast]: Adjusts the contrast of the screen.
- [Volume]: Adjusts the volume level.
  - You can adjust [Mute] / [Unmute] by moving the joystick button to ▼ in the [Volume] menu.
- [Color Temp]: Set your own colour temperature.
  - [Custom]: The user can customise the red, green and blue colour.
  - [Warm]: Sets the screen colour to a reddish tone.
  - [Medium]: Sets the screen colour to between a red and blue tone.
  - [Cool]: Sets the screen colour to a bluish tone.
  - [Manual]: The user can fine-tune the colour temperature.
- [PBP / PIP]: Displays the screens of two input modes on one monitor.
- [USB Selection]: Select the USB upstream cable connection port to use USB hub of the monitor.

[Input]

[Settings] > [Input]

- [Input List]: Selects the input mode.
- [Auto Input Switch]: When [Auto Input Switch] is set to On, display will automatically switch to new input when connected.
  - [Off]: Disables the [Auto Input Switch] feature.
  - [On]: Activates the [Auto Input Switch] feature.
  - [Thunderbolt]: Switches to Thunderbolt input when a cable is connected to the Thunderbolt input or when the Thunderbolt signal is detected. Otherwise, it operates the same as [On].
- [Aspect Ratio]: Adjusts the aspect ratio of the screen.
  - [Full Wide]: Displays the video in widescreen, regardless of the video signal input.
  - [16 : 9]: Displays the video in 16:9.
  - [4 : 3]: Displays the video in 4:3.
- [PBP / PIP]: Displays the screens of two input modes on one monitor.
  - [Aspect Ratio]: Adjusts the aspect ratio of the screen.
    - » [Full Wide]: Displays the video in widescreen, regardless of the video signal input.
    - » [Original]: Displays video according to the aspect ratio of the video signal input.

PBP / PIP Connection		Sub Screen			
		HDMI 1	HDMI 2	DP	Thunderbolt™ USB-C
Main Screen	HDMI 1	–	○	○	○
	HDMI 2	○	–	○	○
	DP	○	○	–	○
	Thunderbolt™ USB-C	○	○	○	–

- [PIP Size]: Changes the size of the PIP sub-screen.
- [PIP Position]: Changes the position of the PIP sub-screen.
- [Main/Sub Screen Change]: Toggles between the main screen and sub screen in PBP / PIP mode.
- [Main/Sub Sound Change]: Toggles between the audio of the main screen and sub screen in PBP / PIP mode.

NOTE

- If not using the [PBP / PIP] feature, [PIP Size], [PIP Position], [Main/Sub Screen Change] and [Main/Sub Sound Change] are deactivated.
- Some features are not supported in PBP / PIP mode.

[Picture]

[Settings] > [Picture] > [Picture Mode]

- [Personalized Picture]: Set up a customised picture mode tailored to your preferences. Please install the LG Switch and proceed "Personalized Picture Wizard".
- [Custom]: Allows the user to adjust each element.
- [Vivid]: Heightens contrast, brightness and sharpness to display vivid images.
- [HDR Effect]: Optimises the screen for high dynamic range.
- [Reader]: Optimises the screen for reading documents. You can brighten the screen in the OSD menu.
- [Cinema]: Optimises the screen to improve the visual effects of a video.
- [sRGB]: A standard RGB colour space for the monitor and printer.
- [DCI-P3]: Suitable for watching digital videos.
- [FPS]: This mode is optimised for FPS games.
- [RTS]: This mode is optimised for RTS Game.
- [Color Weakness]: This mode is for users who cannot distinguish between red and green. It enables users with colour weakness to easily distinguish between the two colours.
  - This is subsidiary for colour weakness user. Therefore if you feel uncomfortable with the screen, please turn off this function.
  - This function can't distinguish some colours in some images.
- [Calibration 1]/ [Calibration 2]: Adjusts to the calibrated screen. Please install LG Calibration Studio to run calibration.

NOTE

- The [Picture Mode] that can be set depends on the Input signal.
- If the [Picture Mode] is changed, the screen may flicker or the resolution of your PC screen may be affected.
- HDR content may not display correctly depending on Windows OS 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] > [Picture Adjust]

- [Brightness]: Adjusts the brightness of the screen.
- [Auto Brightness]: Optimises the brightness automatically for surrounding illuminance.
- [Contrast]: Adjusts the contrast of the screen.
- [Sharpness]: Adjusts the sharpness of the screen.
- [SUPER RESOLUTION+]: Because this 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.
  - [High]: Optimises the screen for crystal clear images. Best for high-definition video or games.
  - [Middle]: Optimises the screen for comfortable viewing, with images at the middle level between the low and high modes.
  - [Low]: Optimises the screen for smooth and natural images. Best for still images or images with less movement.
  - [Off]: Displays in the most common setting. Disables [SUPER RESOLUTION+].
- [Black Level]: Sets the offset level (for HDMI only).
  Offset: as a reference for a video signal, this is the darkest colour 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.
- [Deep Black Pro]: Provides extended contrast and gradation on a dark screen depending on game or video content.
  - [High]: Preferably for PC gaming experiences.
  - [Middle]: Preferably for console gaming experiences.
  - [Low]: Preferably for playing video content and internet or word-processing.
  - [Off]: Disables the [Deep Black Pro] feature.
  - When these feature is enabled, a slight halo effect may be shown on dark backgrounds. This is normal and not a malfunction.
  - When these feature is enabled, the screen flickering may occur intermittently.
  - The function can only be used on HDR content.
  - It is recommended to turn off when you are not using the gaming function.

[Settings] > [Picture] > [Game Adjust]

- [Response Time]: Sets a response time for displayed pictures based on the movement of the picture on the screen. For a normal environment, it is recommended that you use [Fast]. When there is a lot of motion, it is recommended that you use [Faster]. Setting to [Faster] may cause image sticking.
  - [Faster]: Sets the response time to faster.
  - [Fast]: Sets the response time to fast.
  - [Normal]: Sets the response time to normal.
  - [Off]: Does not use the response time improvement feature.
- [Adaptive-Sync]/[VRR]: This function shows a clear screen without screen tearing or stuttering in the game environment.

  However, screen flickering may occur in some game environments.
  - Supported Interface: DisplayPort/Thunderbolt™ (Adaptive-Sync), HDMI (VRR).
  - 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*).
- [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] > [Color Adjust]

- [Gamma]
  - [Mode 1], [Mode 2], [Mode 3]: The higher the gamma value, the darker the image becomes. Likewise, the lower the gamma value, the lighter the image becomes.
  - [Mode 4]: If you do not need to adjust the gamma settings, select [Mode 4].
- [Color Temp]: Set your own colour temperature.
  - [Custom]: The user can customise the red, green and blue colour.
  - [Warm]: Sets the screen colour to a reddish tone.
  - [Medium]: Sets the screen colour to between a red and blue tone.
  - [Cool]: Sets the screen colour to a bluish tone.
  - [Manual]: The user can fine-tune the colour temperature.
- [Red], [Green], [Blue]: You can customise the picture colour using [Red], [Green], and [Blue] colours.
- [Six Color]: Meets the user requirements for colours by adjusting the hue and saturation of the six colours (red, green, blue, cyan, magenta, and yellow) and then saving the settings.
  - Hue: Adjusts the tone of the screen colours.
  - Saturation: Adjusts the saturation of the screen colours. The lower the value, the less saturated. The higher the value, the more saturated.

[Settings] > [Picture] > [Picture Reset]

- Returns picture and colour to the default settings.

[General]

[Settings] > [General]

- [Language]: Sets the menu screen to the desired language.
- [USB Selection]: Select the USB upstream cable connection port to use USB hub of the monitor.
- [USB Switch]: Switch the USB device connected to the monitor to another input source.
- [SMART ENERGY SAVING]: 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.
  - [Off]: Disables the feature.
  - The value of energy saving 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 higher or lower depend on source.
- [Deep Sleep Mode]: When [Deep Sleep Mode] is on, power consumption is minimised while the monitor is in standby mode.
- [Power LED]: When the [Power LED] function is turned on, it operates as follows:
  - On mode: Light up
  - Sleep Mode (Standby Mode): Blinking
  - Off mode: Off
- [Automatic Standby]: If there is no operation on the monitor for a certain period of time, the monitor will automatically switch to standby mode.
- [Input Compatibility Version]: You can set each input to match the supported version of the connected device.
  - If the connected device supports 2.1 in HDMI but the screen or sound does not work properly, set this function to 2.1(AV).
- [Thunderbolt OUT]: Supports multiple monitor connection using daisy chain.
  - When daisy-chaining two or more monitors, the [Thunderbolt OUT] menu of all connected monitors must be set to ON.
- [Buzzer]: This feature lets you set the sound generated from Buzzer when your monitor powers on.
- [User-defined Key 1]/[User-defined Key 2]: You can customise the main menu to access your preferred menu easily. [User-defined Key 1] and [User-defined Key 2] appear at the left/right of the main menu.
- [OSD Lock]: This feature disables the configuration and adjustment of menus.

  All features are disabled except:
  - [Brightness] / [Auto Brightness] / [Contrast] / [Volume] / [PBP / PIP] in [Quick Settings]
  - [Input]
  - [OSD Lock] / [Information] / [Open Source Software License] in [General]
- [Screen Self-diagnosis]: Checks for any problems with the monitor image. Do not unplug the input cable.
- [Sound Self-diagnosis]: Checks for any problems with the monitor sound. Do not unplug the input cable.
- [Information]: The following display information will be shown; [Total Power On Time], [Resolution].
- [Open Source Software License]: You can check the Open Source Software notice information.
- [Reset to Initial Settings]: Returns to the default settings.

PRODUCT SPECIFICATION

Specifications are subject to change without notice.
The symbol ~ means alternating current, and the symbol ⎓ means direct current.

Colour Depth:

- 1.06 B (8-bit+FRC) colour is supported.

Resolution

- Max Resolution: 5120 x 2160 @ 120 Hz
- Recommended Resolution: 5120 x 2160 @ 120 Hz

Environmental Conditions

- Operating Conditions
  - Temperature: 0 ℃ to 40 ℃
  - Humidity: Less than 80 %
- Storing Conditions
  - Temperature: -20 ℃ to 60 ℃
  - Humidity: Less than 85 %

Power Sources

- Power Rating: 100-240 V~ 50/60 Hz 2.5 A

Dimensions: Monitor Size (Width x Height x Depth) (mm)

- With Stand: 947.7 x 614.3 x 260
- Without Stand: 947.7 x 419.8 x 106.3

Weight (kg) (Without Packaging)

- With Stand: 14.1
- Without Stand: 9.2

Support Mode

(Preset Mode, HDMI)

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	59.940	-/-	
800 x 600	37.879	60.317	+/+	
1024 x 768	48.363	60.004	-/-	
1280 x 720	45.000	60.000	+/+	
1280 x 1024	79.976	75.025	+/+	
1920 x 1080	67.500	60.000	+/+	
1920 x 1080	66.587	59.934	+/-	PIP Recommended Timing
1280 x 2160	133.160	59.928	+/+	PBP 5:9 Recommended Timing
3440 x 1440	73.681	49.987	+/-	Recommended Timing - [Input Compatibility Version]: [1.4]
3840 x 2160	67.500	30.000	+/+	
3440 x 1440	88.819	59.973	+/-	
2560 x 2160	133.272	59.978	+/-	PBP 10.5:9 Recommended Timing
3440 x 1440	150.972	99.982	+/-	Recommended Timing - [Input Compatibility Version]: [2.1(AV)]
3840 x 2160	135.000	60.000	+/+	PBP 16:9 Recommended Timing
5120 x 2160	133.367	60.021	+/-	
5120 x 2160	191.145	85.029	+/-	
5120 x 2160	226.579	100.035	+/-	
5120 x 2160	269.013	120.042	+/-	Recommended Timing - [Input Compatibility Version]: [2.1(PC)]

(Preset Mode, DP)

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	59.940	-/-	
800 x 600	37.879	60.317	+/+	
1024 x 768	48.363	60.004	-/-	
1280 x 720	45.000	60.000	+/+	
1280 x 1024	79.976	75.025	+/+	
1920 x 1080	67.500	60.000	+/+	
1920 x 1080	66.587	59.934	+/-	PIP Recommended Timing
1280 x 2160	133.160	59.928	+/-	PBP 5:9 Recommended Timing
3440 x 1440	88.819	59.973	+/-	
2560 x 2160	133.272	59.978	+/-	PBP 10.5:9 Recommended Timing
3840 x 2160	133.313	59.997	+/-	PBP 16:9 Recommended Timing
5120 x 2160	133.367	60.021	+/-	Recommended Timing - [Input Compatibility Version]: [1.2]
5120 x 2160	191.148	85.030	+/-	
5120 x 2160	226.580	100.035	+/-	
5120 x 2160	269.015	120.042	+/-	Recommended Timing - [Input Compatibility Version]: [1.4] - [Input Compatibility Version]: [2.1]

(Preset Mode, Thunderbolt™)

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remarks
640 x 480	31.469	59.940	-/-	
800 x 600	37.879	60.317	+/+	
1024 x 768	48.363	60.004	-/-	
1280 x 720	45.000	60.000	+/+	
1280 x 1024	79.976	75.025	+/+	
1920 x 1080	67.500	60.000	+/+	
1920 x 1080	66.587	59.934	+/-	PIP Recommended Timing
1280 x 2160	133.160	59.928	+/-	PBP 5:9 Recommended Timing
3440 x 1440	88.819	59.973	+/-	
2560 x 2160	133.272	59.978	+/-	PBP 10.5:9 Recommended Timing
3840 x 2160	133.313	59.997	+/-	PBP 16:9 Recommended Timing
5120 x 2160	110.589	50.018	+/-	
5120 x 2160	133.367	60.021	+/-	Recommended Timing - [Input Compatibility Version]: [1.2]
5120 x 2160	191.148	85.030	+/-	
5120 x 2160	226.580	100.035	+/-	
5120 x 2160	269.015	120.042	+/-	Recommended Timing - [Input Compatibility Version]: [1.4] - [Input Compatibility Version]: [2.1]

HDMI Timing (Video)

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
480P	31.5	60
720P	45.0	60
1080P	67.5	60
1080P	135.0	120
2160P	135.0	60
2160P	255.0	120
2160P	135.0	60

TROUBLESHOOTING

Please refer to the list below if you experience any of the following issues during product use.
It may not be a malfunction.

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.
  - If the monitor is in sleep mode (standby 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 monitor powered on?
  - Check if the input setting is correct. ([Settings] > [Input])
- Is the [The screen is not currently set to the recommended resolution.] 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.
- Is the [Out of Range] 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.

Do you see an "Unrecognised monitor, Plug and Play (VESA DDC) monitor found" message?

- Have you installed the display driver?
  - Be sure to install the display driver from our web site: *https://www.lg.com*.
  - Make sure to check if the graphics card supports Plug and Play function.

The screen retains an image.

- Does image sticking occur even when the monitor is turned off?
  - Displaying a still image for a prolonged time may cause damage to the screen, resulting in the retention of the image.
  - To extend the lifetime of the monitor, use a screensaver.

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.
  - 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.

The display colour is abnormal.

- Does the display appear discoloured (16 colours)?
  - Set the colour to 24 bit (true colour) or higher. (The settings may differ depending on the operating system (OS) you use.)
- Does the display colour 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.

Some features are disabled.

- Are some functions not available when you press the Menu button?
  - The OSD is locked. Disable [OSD Lock] in [General].

No sound from the headphone port.

- Are images displayed 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. (The settings may differ depending on the operating system (OS) you use.)

4K/5K resolution is unavailable.

- Did you check the cable connection?
  - Check if the cable is properly connected.
  - It is recommended to use the accessories supplied with the product.
- Is the resolution and refresh rate set properly?
  - Set the proper resolution and refresh rate in the PC screen resolution settings or the player's option menu.
- Does the connected external device support 4K/5K resolution?
  - It is available only on external devices that support 4K/5K resolution.
  - Check if the connected external device supports 4K/5K resolution.

LICENSE

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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 *https://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.

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.

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® certification. Refer to ENERGYSTAR.gov for more information on the ENERGY STAR® program.