

Owner's Manual IPS LED MONITOR (LED MONITOR*)

*LG LED Monitors are LCD Monitors with LED Backlighting.

Please read the safety information carefully before using the product.

IPS LED Monitor (LED Monitor) Model List 29UM59A

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LICENSE

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



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

The following content is only applied to the monitor which is sold in Europe market and which needs to meet the ErP Directive:

^{*} This monitor is set to be turned off automatically in 4 hours after you turned on display if there is no adjustment to display.

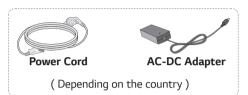
^{*} To make this setting be disabled, change the option to 'Off' in OSD menu of "Automatic Standby".

ASSEMBLING AND PREPARING

Product Components

Please check whether all the components are included in the box before using the product. If there are missing components, contact the retail store where you purchased the product. Note that the product and components may look different from those shown here.









HDMI Cable (This cable is not included in all countries.)



USB C-C cable (This cable is not included in all countries.)



Stand Body



Stand Base



Cable Holder



Screw Cover



2 Screws



CAUTION

- · Always use genuine components to ensure safety and product performance.
- The product warranty will not cover damage or injury caused by the use of counterfeit components.
- It is recommend 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.



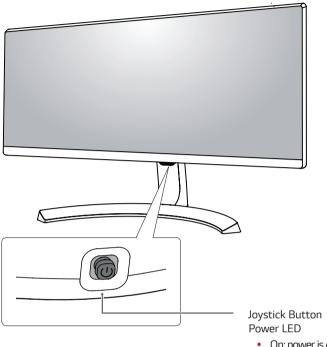
- Note that the components may look different from those shown here.
- Without prior notice, all information and specifications in this manual are subject to change to improve the performance of the product.
- To purchase optional accessories, visit an electronics store or online shopping site or contact the retail store where you purchased the product.

Supported Drivers and Software

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

Drivers and Software	Installation Priority	29UM59A
Monitor Driver	Recommended	0
OnScreen Control	Recommended	0
Dual Controller	Optional	0

Component and Button Description



- On: power is on
- Off: power is off

How to Use the Joystick Button

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

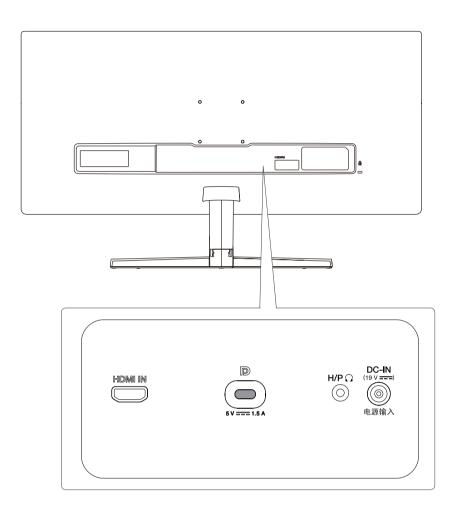
Basic Functions

	ტ	Power on	Press the joystick button once with your finger to turn on the monitor.
		Power off	Press and hold the joystick button once with your finger to turn off the monitor.
(a)	◄/▶	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.

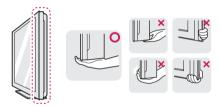
Input Connector



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.

- It is advisable to place the monitor in the original box or packing material before attempting to
- Before moving or lifting the monitor, disconnect the power cord and all cables.
- Hold the top and bottom of the monitor frame firmly. Do not hold the screen itself.



 When holding the monitor, the screen should face away from you to prevent it being scratched.



- When moving the monitor, avoid any strong shock or vibrations to the product.
- When moving the monitor, keep it upright, never turn the monitor on its side or tilt it sideways.

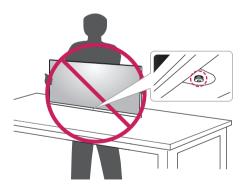


CAUTION

 As far as possible, avoid touching the monitor screen. This may result in damage to the screen or some of the pixels used to create images.



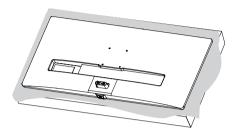
 If you use the monitor panel without the stand base, its joystick button may cause the monitor to become unstable and fall, resulting in damage to the monitor or human injury. In addition, this may cause the joystick button to malfunction.



Installing the Monitor

Assembling the stand base

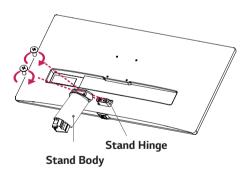
1 Place the screen face down.



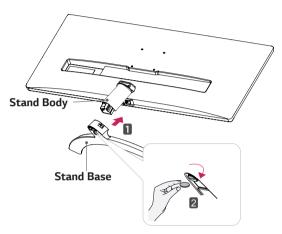


CAUTION

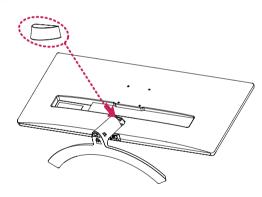
- To protect the screen from scratches, cover the surface with a soft cloth.
- Check the direction of the **stand body** (front, back) and then mount the **stand body** onto the **stand hinge**.



- 3 Attach the Stand Base to Stand Body.
 - 2 Tighten the screw to the right.



4 Attach the **screw cover**.





CAUTION

Applying excessive force when tightening the screws may cause damage to the monitor. Damage caused in this way will not be covered by the product warranty.



CAUTION

It may hurt your foot off the stand, so be careful.

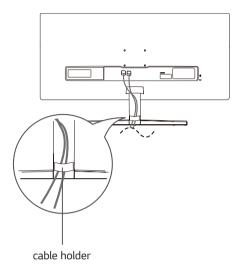


NOTE

 You can disassemble the stand in the reverse order of the assembly.

Using the cable holder

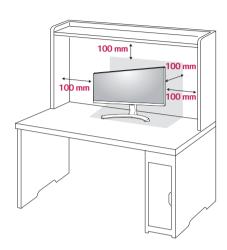
Arrange the cables using the cable holder as shown in the illustration.



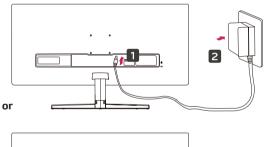
Installing onto a table

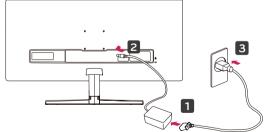
1 Lift the monitor and place it on the table in an upright position.

Place at least **100 mm** away from the wall to ensure sufficient ventilation.



2 Connect the Power cord to the monitor, then plug the power cord into the wall outlet.



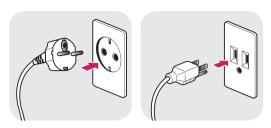


3 Press the joystick button on the bottom of the monitor to turn on the monitor.



• Unplug the power cord prior to moving or installing the monitor. There is risk of electric shock.

Cautions When Connecting Power Cord

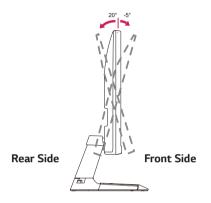


100-240 V~

- 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 angle

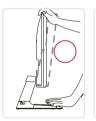
- Place the monitor in an upright position, mounted on the stand base.
- 2 Adjust the angle of the screen. The angle of the screen can be adjusted forwards or backwards for a comfortable viewing experience.





WARNING

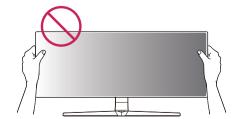
 To avoid injury to the fingers when adjusting the screen, do not hold the lower part of the monitor's frame as illustrated below.







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

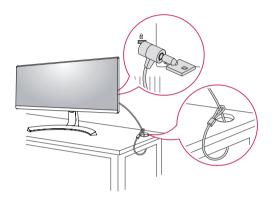


Using the Kensington lock

The Kensington security system connector is located at the back of the Monitor set.

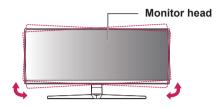
For more information on installation and usage, refer to the Kensington lock user manual or visit the website at http://www.kensington.com.

Connect the Kensington security system cable between the Monitor set and a table.





 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.





NOTE

Use of the Kensington lock is optional.
 The accessories can be purchased at your local electronics store.

Installing the wall mount plate

This monitor supports the specification of the standard wall mount plate or compatible device.

- 1 Place the screen face down. To protect the screen from scratches, cover the surface with a soft cloth.
- 2 Place the wall mount plate onto the monitor and align it with the screw holes.
- 3 Tighten the four screws to fix the plate to the monitor using a screwdriver.

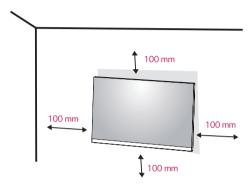


NOTE

- 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 use excessive force when mounting the wall mount plate, as this can damage the monitor's screen.

Installing to a wall

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. Please refer to the manual to install and set up a tilting wall mounting bracket.



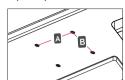
To install the monitor to a wall, attach a wall mounting bracket (optional) to the back of the monitor.

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

- 1 If you use screw longer than standard, the monitor might be damaged internally.
- 2 If you use improper screw, the product might be damaged and drop from mounted position.
 In this case, LG Electronics is not responsible for it.

Wall Mount (A x B)	75 x 75
Standard screw	M4 x L10
Number of screws	4
Wall Mount Plate	RW120
(Optional)	

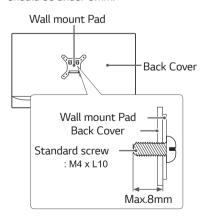
Wall Mount (A x B)





CAUTION

- Unplug the power cord before moving or installing the monitor to avoid electric shocks.
- Installing the monitor on the ceiling or on a slanted wall may result in the monitor falling off, which could lead to injury. Please use the genuine LG wall mounting bracket. For more information, contact your local retail store or a qualified installer.
- Applying excessive force when fastening 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 the VESA standard. Damage caused by the use or misuse of inappropriate components will not be covered by the product warranty.
- Screw length from outer surface of back cover should be under 8mm.





- Use the screws specified by the VESA standard.
- The wall mount kit includes the installation guide and all necessary parts.
- The wall mounting bracket is optional. The accessories can be purchased at your local retail store.
- The length of the screw may differ for each wall mounting bracket. Ensure the correct length screw is used.
- For more information, please refer to the user manual for the wall mounting bracket.

USING THE MONITOR

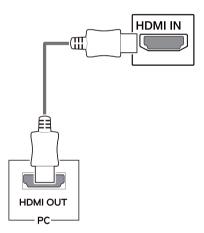
Connecting to a PC

 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 the digital video and audio signals from your PC and A/V devices to the monitor. Connect your PC and AV device to the monitor with the HDMI cable as illustrated below.

Press the menu button and then select the input option from the input menu.





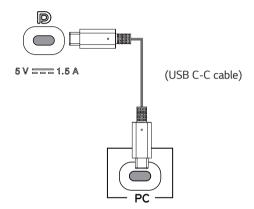
- If you use HDMI PC, it can cause compatibility problem.
- Use a certified cable with the HDMI logo attached.
 If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
- High-Speed HDMI®/™ Cable
- High-Speed HDMI®/™ Cable with Ethernet

USB-C connection

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

Connect the monitor to your PC using the USB-C cable as shown in the illustration below.

Press the menu button and then select the input option from the input menu.





NOTE

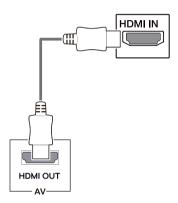
- DP Alternate Mode(DP over USB-C) are supported via USB-C Port.
- Features may not work properly depending on the connected device's specifications and the environment.
- USB-C port doesn't provide power to the Monitor.
 Use the Adapter supplied with the Monitor.

Connecting to AV Devices

HDMI connection

Transmits the digital video and audio signals from your PC and A/V devices to the monitor. Connect your PC and AV device to the monitor with the HDMI cable as illustrated below.

Press the menu button and then select the input option from the input menu.



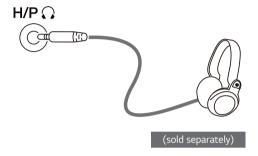


- Use a certified cable with the HDMI logo attached.
 If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
- High-Speed $\mathrm{HDMI}^{\$}/^{\mathsf{TM}}$ Cable
- High-Speed $\mathsf{HDMI}^{^{\!\circ}}\!/^{^{\mathsf{TM}}}$ Cable with Ethernet

Connecting to External Devices

Connecting Headphones

Connect peripherals to the monitor via the headphones port. Connect as illustrated.





- · Peripheral devices are sold separately.
- If you use angled earphones, it may cause a problem with connecting another external device to the monitor. Therefore, it is recommended to use straight earphones.



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

USER SETTINGS

Activating the Main Menu

- 1 Press the joystick button on the bottom of the monitor.
- 2 Move the joystick up/down (\triangle/∇) and left/right($\blacktriangleleft/\triangleright$) to set the options.
- 3 Press the joystick button once more to exit the main menu.



Button	Menu Status		Description
Main menu disabled		menu disabled	Enables the main menu.
	Main menu enabled		Exits the main menu. (Holding down the button to turn off the monitor. You can turn off the monitor this way at any time, including when the OSD is on.)
		Main menu disabled	Adjusts the monitor volume level.
		Main menu enabled	Enters the Input feature.
	•	Main menu disabled	Adjusts the monitor volume level.
		Main menu enabled	Enters the Menu features.
A		Main menu disabled	Displays information on the current input.
		Main menu enabled	Turns off the monitor.
		Main menu disabled	Displays information on the current input.
	▼	Main menu enabled	Enters the Game Mode features.

Main Menu Features



Main Menu	Description
Menu	Configures the screen settings.
Game Mode	You can change Picture Mode to a gaming mode.
Input	Sets input mode.
Power Off	Turns off the monitor.
Exit	Exits the main menu.

User Settings

Menu Settings

- 1 To view the OSD menu, press the joystick button at the bottom of the monitor and then enter the Menu.
- 2 Configure the options by moving the joystick up/down/left/right.
- 3 To return to the upper menu or set other menu items, move the joystick to ◀ or pressing (♠ / Ok) it.
- 4 If you want to exit the OSD menu, move the joystick to ◀ until you exit.
 - When you enter the menu, instructions on how to use the button will appear in the bottom right corner of the screen.





Input





General

Quick Settings



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

Each option is described below.

Menu > Quick Settings	Description	
Brightness	Adjusts the color contrast and brightness of the screen.	
Contrast	Adjusts the color contrast and brightness of the screen.	
Volume	Adjusts the volume level.	
	NOTE	
	 You can adjust Mute / Unmute by moving the joystick button to ▼in the Volume menu. 	

Menu > Input		Description	
Input List	Selects the inp	out mode.	
Aspect Ratio	Adjusts the as	pect ratio of the screen.	
	Full Wide	Displays the video in wide-screen, regardless of the video signal input.	
	Original	Displays video according to the aspect ratio of the video signal input.	
	Cinema1	Enlarges the screen with an aspect ratio of 21:9. (at 1080p)	
	Cinema2	Enlarges the screen with an aspect ratio of 21:9, including the black box at the bottom for subtitles. (at 1080p)	
	 NOTE The display may look the same for Full Wide , Original at the recommended resolutio There is no Cinema1, Cinema2 menu on FreeSync Mode. (Go to Picture → Game Sync, to set FreeSync On or Off) 		

Menu > Picture		Description	
Picture Mode	Custom	Custom Allows the user to adjust each element. The color mode of the main menu can be adjusted.	
	Reader	Optimizes the screen for viewing documents. You can brighten the screen in the OSD menu.	
	Photo	Optimizes the screen for photos.	

Picture Mode	Cinema	Optimizes th	ne screen for video.	
	Color Weakness	This mode is for users who cannot distinguish between red and green. It enables users with		
	Cotor Weakness		ess to easily distinguish between the two colors.	
	FPS Game 1	This mode is optimized for FPS games.		
	FPS Game 2	It has a high	er Black Stabilizer value than FPS Game 1. It is suitable for very dark FPS games.	
	RTS Game	This mode is	optimized for RTS Game.	
	Custom (Game)	In this mode, users can customize various elements including game-related options.		
	NOTE			
	B MOIL			
	If the picture r	node is chang	ed in the screen may flicker or the resolution of your PC screen may be affected.	
Picture Adjust	Brightness	Adjusts the	brightness of the screen.	
	Contrast	Adjusts the	contrast of the screen.	
	Sharpness	Adjusts the	sharpness of the screen.	
	SUPER RESOLUTION+	High	Optimized picture quality is displayed when a user wants crystal clear images. It is effective for high quality video or game.	
		Middle	The optimized picture quality is displayed when a user wants images between low and high modes for comfortable viewing. It is effective for UCC or SD video.	
		Low	The optimized picture quality is displayed when a user wants smooth and natural images. It is effective for slow-moving pictures or still images.	
		Off	Select this option for everyday viewing. SUPER RESOLUTION+ is turned off in this mode.	
		Because recomm	e this is a function to increase the sharpness of low resolution pictures, it is not ended to use the function for normal text or for desktop icons. Doing so may unnecessarily high sharpness.	
	Black Level	Sets the offset level (for HDMI only). • Offset: as a reference for a video signal, this is the darkest color the monitor ca		
		High	Keeps the current contrast ratio of the screen.	
		Low	Lowers the black levels and raises the white levels from the current contrast ratio of the screen.	
	DFC	On	Adjusts the brightness automatically according to the screen.	
		Off	Disables the DFC feature.	
Game Adjust	ne Adjust Response Time Sets a response time for displayed pictures based on		nse time for displayed pictures based on the speed of the screen. I environment, it is recommended that you use Normal . For a fast-moving picture, ended that you use Fast .	
		Fast	Sets the response time to Fast.	
		Normal	Sets the response time to Normal.	
		Slow	Sets the response time to Slow.	
		Off	Does not use the response time improvement feature.	
	FreeSync	signal with t	mless and natural images by synchronizing the vertical frequency of the input hat of the output signal.	
	Suppo Suppo Suppo neces Suppo For m		ted Version : Make sure to update the graphic card to the latest driver. re information and requirement, refer to AMD website at http://www.	
		amd.cor	The systematical state of the s	
		amd.cor	FreeSync function on.	

Game Adjust	Black Stabilizer	You can control the black contrast to have better visibility in dark scenes. Increasing the Black Stabilizer value brightens the low gray level area on the screen. (You can easily distinguish objects on dark game screens.) Reducing the Black Stabilizer value darkens the low gray level area and increases the dynamic contrast on the screen.			
	Cross Hair	Cross Hair provides a mark on the center of the screen for First Person Shooter(FPS) games Users can select the cross hair that fits their gaming environment among four different crohairs . • When the monitor is off or enters energy saving mode, the Cross Hair feature is automatically turned Off .			
Color Adjust Gamma		Mode 1, Mod 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	Custom	The user can adjust it to red, green, or blue by customization.		
		Warm	Sets the screen color to a reddish tone.		
		Medium	Sets the screen color between a red and blue tone.		
		Cool	Sets the screen color to a bluish tone.		
	Red	You can custo	mize the picture color using Red , Green , and Blue colors.		
	Green				
	Blue				
	Six Color		er requirements for colors by adjusting the hue and saturation of the six colors lue, Cyan, Magenta and Yellow) and then saving the settings.		
		Hue	Adjusts the tone of the screen colors.		
			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 re	eset your settin	gs?		
	Yes	Reset			
	No	Cancel			

Menu > General	Description		
Language	Sets the menu scre	en to the desired language.	
SMART ENERGY	High Saves energy using the high-efficiency SMART ENERGY SAVING feature.		
SAVING	Low	Saves energy using the low-efficiency SMART ENERGY SAVING feature.	
	Off	Disables the SMART ENERGY SAVING feature.	
Power LED	Turns the power LE	D on the front of the monitor on.	
	On	The power LED turns on.	
	Off	The power LED turns off.	
Automatic Standby		atically turns off the monitor when there is no movement on the screen for a period ta timer for the auto-off function. (Off, 4 H, 6 H, and 8 H)	
DisplayPort 1.2	 Enables or disables DisplayPort 1.2. NOTE Be sure to configure this option according to the DisplayPort version supported by your graphics card. Set this option to Disable if your graphics card does not support DisplayPort 1.2. 		
OSD Lock	This feature disable	s the configuration and adjustment of menus.	
	On	Enables OSD Lock.	
	Off	Disables OSD Lock.	
	 NOTE All features are disabled except Brightness, Contrast, Volume, Input, OSD Lock in General and the Exit button. 		
Reset	Do you want to reset your settings?		
	No	Cancel the select.	
	Yes	Returns to the default settings.	



- 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 lower or higher depend on source.

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 (Menu >Input > Input list).			
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 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. 			
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.			

The OSD lock message is being displayed.			
Are some functions not avail-able when you press the Menu button?	The OSD is locked. Go to Menu > General and set OSD Lock to Off.		

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	If the selected resolution is HDMI 1080i 60/50 Hz (interlaced), the screen	
resolution?	may be flickering. Change the resolution to 1080P or the recommended	
	resolution.	



- **Vertical frequency** In order to display an image, the screen must be refreshed dozens of times per second, like a fluorescent lamp. The number of times the screen is refreshed per second is called vertical frequency, or refresh rate, and is represented by Hz.
- **Horizontal frequency** The time it takes to display one horizontal line is called the horizontal cycle. If 1 is divided by the horizontal interval, the result is the number of horizontal lines displayed per second. This is called horizontal frequency and is represented by kHz.



- Check if the graphics card's resolution or frequency is within the range allowed by the monitor and set it to the recommended (optimal) resolution in **Control Panel > Display > settings**.
- Not setting the graphics card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area, or misalignment of the display.
- The setting methods may be different depending on the computer or operating system, and some resolutions may not be available depending on the performance of the graphics card. If this is the case, contact the manufacturer of the computer or graphics card for assistance.
- Some graphics cards may not support 2560×1080 resolution. If the resolution cannot be displayed, contact the manufacturer of your graphics card.

The display color is abnormal.	
Does the display appear discol-ored (16 colors)?	 Set the color to 24 bit (true color) or higher. In Windows, go to Control Panel > Display > Settings > Color Quality.
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.

Do you see an "Unrecognized monitor, Plug&Play (VESA DDC) monitor found" message?				
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 video card supports Plug&Play function.			

No sound from the headphone port or speaker.		
Are images displayed using DisplayPort	 Try increasing the volume using the button on the monitor. 	
or HDMI input without sound?	Set the audio output of the PC to the monitor you are using. On Microsoft	
	Windows, go to Control Panel > Hardware and Sound > Sound > set the	
	monitor as default device.	

SPECIFICATIONS

29UM59A

LCD Screen	Туре	TFT (Thin Film Transistor)		
LCD Screen	Type	LCD (Liquid Crystal Display) Screen		
	D: I D:: I			
	Pixel Pitch	0.0876 mm x 0.2628 mm		
Resolution	Maximum Resolution	2560×1080 @ 75 Hz		
	Recommended Resolution	2560×1080 @ 60 Hz		
Video Signal	Horizontal Frequency	30 kHz to 90 kHz		
	Vertical Frequency	56 Hz to 75 Hz		
Input Connector	HDMI IN, H/P, USB-C			
Power input	19 V 2.0 A			
Power	On mode: 27 W Typ. (Outgoing condition)*			
consumption (Typ.)	Sleep Mode ≤ 0.5 W **			
	Off Mode ≤ 0.3 W			
AC/DC adaptor	Type ADS-45SN-19-3 19040G, SHENZHEN HONOR ELECTRONIC production			
	Or type LCAP21C, LIEN CHANG ELECTRONIC ENTERPRISE production			
	Or type LCAP26B-E, LIEN CHA	ANG ELECTRONIC ENTERPRISE production		
	Output: 19 V === 2.1 A			
Environmental	Operating Condition	Temperature: 0°C to 40°C; Humidity: < 80%		
Conditions	Storing Condition	Temperature: -20°C to 60°C; Humidity: < 85%		
Dimension	Monitor Size (Width x Height x Depth)			
	With Stand	702.5 mm x 414 mm x 204.7 mm		
	Without Stand	702.5 mm x 328.4 mm x 63.8 mm		
Weight (Without	With Stand	5.4 kg		
Packaging)	Nithout Stand 4.8 kg			

The specifications are subject to change without notice.

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)

HDMI / USB-C

Resolution (HDMI / USB-C)	Horizontal Frequency(kHz)	Vertical Frequency(Hz)	Polarity(H/V)	Remarks
640 x 480	31.469	59.94	-/-	
640 x 480	37.5	75	-/-	
800 x 600	37.879	60.317	+/+	
800 x 600	46.875	75	+/+	
1024 x 768	48.363	60	-/-	
1024 x 768	60.123	75.029	+/+	
1152 x 864	67.5	60	+/+	
1280 x 720	45	60	+/+	
1280 x 1024	63.981	60.02	+/+	
1600 x 900	60	60	+/+	
1680 x 1050	65.29	59.954	-/+	
1920 x 1080	67.5	60	+/-	
2560 x 1080	66.7	60	+/-	
2560 x 1080	86.79	74.94	+/-	

HDMI / USB-C Timing (Video)

Factory support mode (Preset Mode)	Horizontal Frequency(kHz)	Vertical Frequency(Hz)	Remarks
480p	31.5	60	
576P	31.25	50	
720p	37.5	50	
720p	45.0	60	
1080p	56.25	50	
1080p	67.5	60	

Power LED

Mode	LED Color
On Mode	White
Sleep Mode	Off
Off Mode	Off



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		