

# 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 29UM69G 34UM69G

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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 LLC in the United States and other countries.



VESA, VESA logo, DisplayPort compliance logo and DisplayPort compliance logo for dual-mode source devices are all registered trademarks of the Video Electronics Standards Association.

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

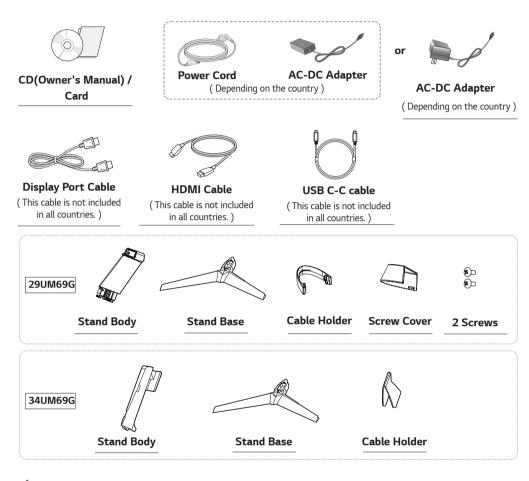
<sup>\*</sup> This monitor is set to be turned off automatically after 4 hours when you turn on the display and there is are no adjustments made to the display.

<sup>\*</sup> 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.



#### 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**

- 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.

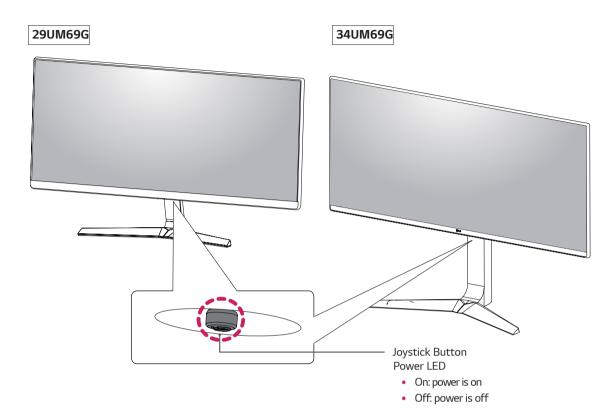
# **Supported Drivers and Software**

Check the drivers and software supported by your product and refer to the manuals on the CD enclosed in the product package.

Drivers and Software	Installation Priority	29UM69G/34UM69G
Monitor Driver	Recommended	0
OnScreen Control	Recommended	0

• Required and Recommended: You can download and install the latest version from the enclosed CD or from the LGE website (www.lg.com).

# **Component 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 with your finger.

#### **Basic Functions**

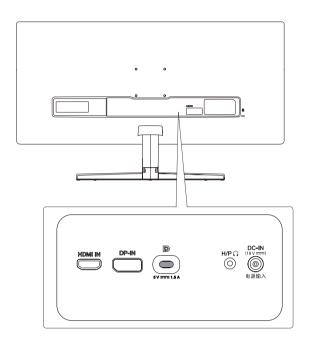
	ტ	Power on	Press the joystick button once with your finger to turn on the monitor.
		Power off	Press and hold the joystick button once with your finger to turn off the monitor.
	<b>◄/▶</b>	Volume Control	You can control the volume by moving the joystick button left/right.



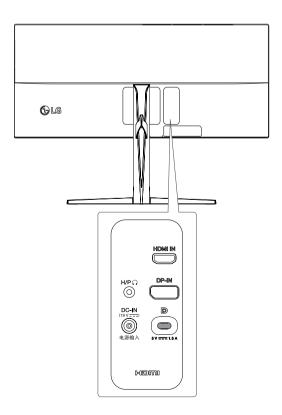
• The joystick button is located at the bottom of the monitor.

# **Input Connector**

## 29UM69G



## 34UM69G



# 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 move it
- 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.

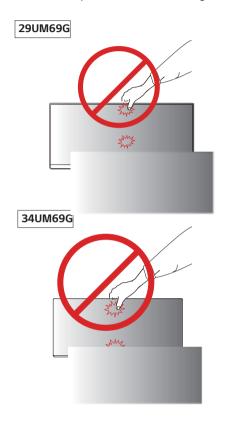


- When moving the monitor, avoid any strong shock or vibrations to the product.
- When moving the monitor, keep it upright, never turn the monitor on its side or tilt it sideways.

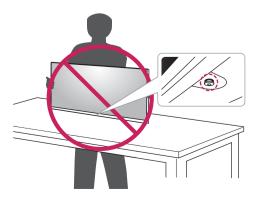


## **CAUTION**

 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

#### 29UM69G

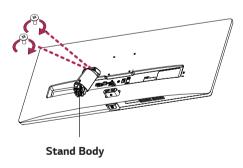
1 Place the screen face down.



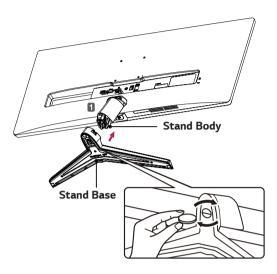


## **CAUTION**

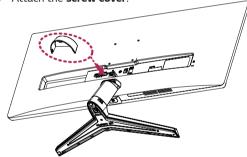
- To protect the screen from scratches, cover the surface with a soft cloth.
- Check the direction of the stand body (front, back) and then mount the stand body onto the stand hinge.



- 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.

# **Installing the Monitor**

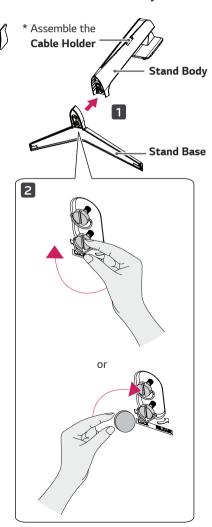
## Assembling the stand base

## 34UM69G

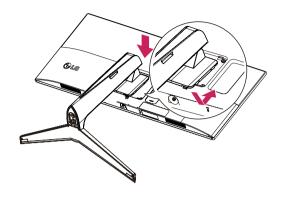
1 Please put a soft cloth on a low table or box to protect the screen of the monitor. Please put the monitor on the soft cloth with the screen facing down.

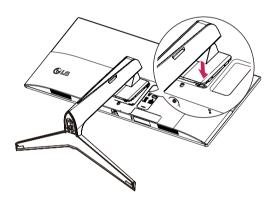


2 Assemble the **Head** and **Stand body**.



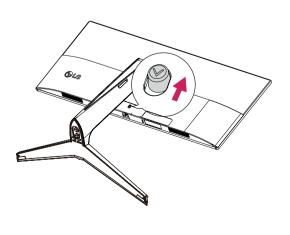
3





#### NOTE

• Press the stand until the button reaches the top.





#### CAUTION

- Illustrations in this document represent typical procedures, so they may look different from the actual product.
- Do not carry the monitor upside down by just holding the stand 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.
- 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.



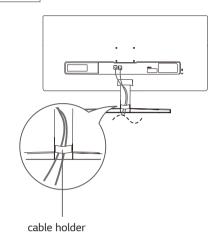
#### NOTE

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

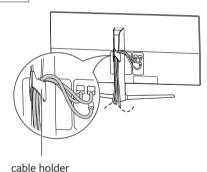
## Using the cable holder

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

#### 29UM69G



#### 34UM69G

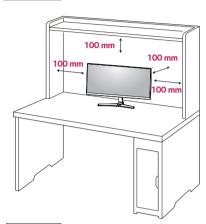


## Installing onto a table

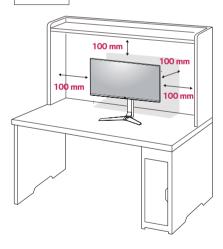
1 Lift the monitor and place it on the table in an upright position.

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

#### 29UM69G

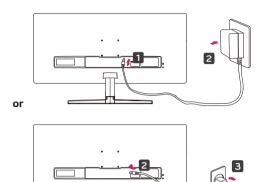


#### 34UM69G

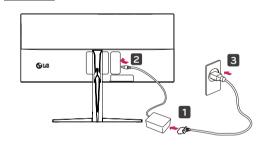


2 Connect the Power cord to the monitor, then plug the power cord into the wall outlet.

#### 29UM69G





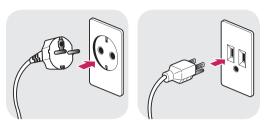


3 Press the joystick button on the bottom of the monitor to turn on the monitor.



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

## **Cautions When Connecting Power Cord**



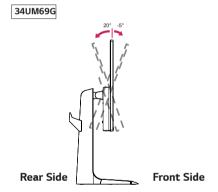
100-240 V~

- 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

- 1 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.



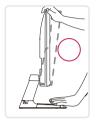




## **WARNING**

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

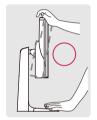
## 29UM69G







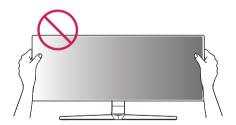
#### 34UM69G







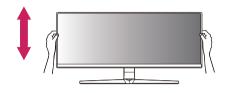
• Be careful not to touch or press the screen area when adjusting the angle of the monitor.



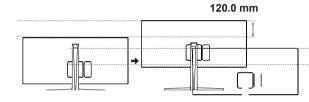
## Adjusting the Stand Height

#### 34UM69G

1 Handle the monitor with both hands for safety.



2 The height can be adjusted up to 120.0 mm.





#### 34UM69G

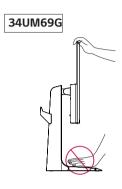


 When adjusting the screen height, do not place your hand on the stand body to avoid injury to your fingers.



## WARNING

- Take care when rotating the monitor if the cable is connected.
- To avoid injury when rotating the display, do not place your fingers between the display and the stand base.

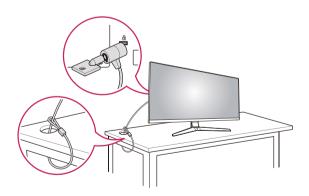


## Using the Kensington lock

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.





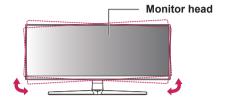
#### NOTE

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



## NOTE

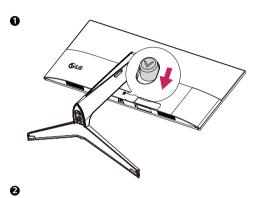
 The left or right side of the monitor head can be slightly rotated up or down (up to 3°). Adjust the horizontal level of the monitor head.



## **Detaching the Stand Body**

#### 34UM69G

- 1 Place the monitor's screen face down. To protect the screen from scratches, cover the surface with a soft cloth.
- 2 Remove the stand from the monitor by pressing the button on the bottom center of the back of the monitor.





## 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.

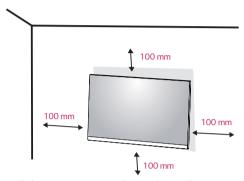


#### NOTE

- · 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.

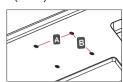
#### 29UM69G

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

#### 34UM69G

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

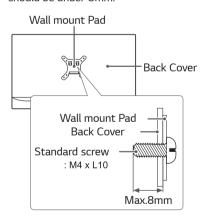
• Wall Mount (A x B)





#### **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**

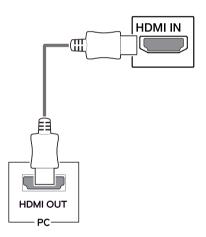
## Connecting to a PC

 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.



# O

#### **NOTE**

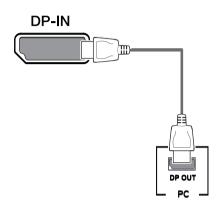
- If you use HDMI PC, it can cause compatibility problem.
- Use a certified cable with the HDMI logo attached.
   If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
- High-Speed HDMI®/™ Cable
- High-Speed HDMI®/™ Cable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

## DisplayPort connection

from the input menu.

Transmits the digital video and audio signals from your PC to the monitor. Connect your PC to the monitor using the Displayport cable as illustrated below.

Press the menu button and then select the input option





#### NOTE

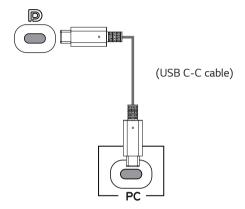
- There may be no video or audio output depending on the DP version of the PC.
- If you use generic cables not certified by LG, the screen may not display or there may be image noises.

## **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**

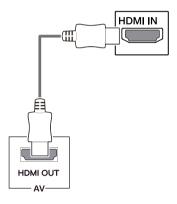
- DP Alternate Mode(DP over USB-C) are supported via USB-C Port.
- Features may not work properly depending on the connected device's specifications and the environment.
- USB-C port doesn't provide power to the Monitor.
  Use the Adapter supplied with the Monitor.

## **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.





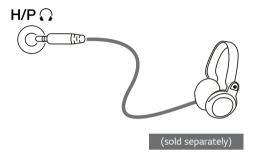
#### NOTE

- 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 $^{\circ}$ /<sup>™</sup> Cable with Ethernet

# **Connecting to External Devices**

## **Connecting Headphones**

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





## **NOTE**

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





 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 ( $\blacktriangle/\blacktriangledown$ ) and left/right ( $\blacktriangleleft/\blacktriangleright$ ) to set the options.
- 3 Press the joystick button once more to exit the main menu.



Button	Menu Status		Description
	Main menu enabled		Enables the main menu.
			Exits the main menu. (Holding down the button to turn off the monitor. You can turn off the monitor this way at any time, including when the OSD is on.)
		Main menu disabled	Adjusts the monitor volume level.
		Main menu enabled	Enters the <b>Input</b> feature.
		Main menu disabled	Adjusts the monitor volume level.
		Main menu enabled	Enters the <b>Menu</b> features.
<u> </u>		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 <b>Game</b> 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 (⑥ / 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.











**Quick Settings** 

Input

**Picture** 

Sound

General



## **CAUTION**

• 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					
Contrast	Adjusts the color contrast and brightness of the screen.				
Volume	Adjusts the volume level.				
	NOTE				
	You can	- You can adjust Mute / Unmute by moving the joystick button to $lacktriangle$ in the Volume menu.			
MaxxAudio	On	MaxxAudio <sup>®</sup> by Waves, recipient of a Technical GRAMMY Award <sup>®</sup> is a suite of studio-quality sound tools for a superior listening experience.			
	Off	Off Disables the MaxxAudio function.			

Menu > Input		Description		
Input List	Selects the inp	Selects the input mode.		
Aspect Ratio	Adjusts the as	Adjusts the aspect 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	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)		
	There is r	E  ay may look the same for Full Wide , Original at the recommended resolution (2560×1080).  no Cinema1, Cinema2 menu on FreeSync Mode. (Go to Picture → Game Adjust → Freeset FreeSync On or Off)		

Menu > Picture	Description		
Picture Mode	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		for users who cannot distinguish between red and green. It enables users with ess to easily distinguish between the two colors.		
	FPS Game 1		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  • If the picture r	mode is changed 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	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.		
			nended to use the function for normal text or for desktop icons. Doing so may nunnecessarily high sharpness.		
	Black Level	Sets the offs	set level (for HDMI only).		
	Black Level		set level (for HDMI only). a reference for a video signal, this is the darkest color the monitor can display.		
	Black Level		s a reference for a video signal, this is the darkest color the monitor can display.  Keeps the current contrast ratio of the screen.		
	Black Level	Offset: as	a reference for a video signal, this is the darkest color the monitor can display.		
	Black Level DFC	Offset: as  High	s a reference for a video signal, this is the darkest color the monitor can display.  Keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast		
		Offset: as     High     Low	s a reference for a video signal, this is the darkest color the monitor can display.  Keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.		
Game Adjust		Offset: as     High     Low     On     Off     Sets a respo     For a normalit is recomm	s a reference for a video signal, this is the darkest color the monitor can display.  Keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.		
Game Adjust	DFC	Offset: as     High     Low     On     Off     Sets a respo     For a normalit is recomm	s a reference for a video signal, this is the darkest color the monitor can display.  Keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Inse time for displayed pictures based on the speed of the screen.  Lenvironment, it is recommended that you use Normal. For a fast-moving picture, ended that you use Fast.		
Game Adjust	DFC	Offset: as     High     Low     On     Off     Sets a respo     For a normalit is recomm     Setting to Face	Keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Insee 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.  ast may cause image sticking.		
Game Adjust	DFC	Offset: as     High     Low     On     Off     Sets a respo     For a normalitis recomm     Setting to Fast	keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Inse 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.  Sets the response time to Fast.		
Game Adjust	DFC	Offset: as     High     Low     On     Off     Sets a respo     For a norma     it is recomm     Setting to Fast     Normal	sa reference for a video signal, this is the darkest color the monitor can display.  Keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Inse 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.  ast may cause image sticking.  Sets the response time to Fast.  Sets the response time to Normal.		
Game Adjust	DFC	Offset: as     High     Low     On     Off     Sets a respo     For a normal     it is recomm     Setting to Fast     Normal     Slow     Off     Provides seasignal with t	keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Inse 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.  ast may cause image sticking.  Sets the response time to Fast.  Sets the response time to Normal.  Sets the response time to Slow.  Does not use the response time improvement feature.  Including the vertical frequency of the input that of the output signal.		
Game Adjust	DFC Response Time	Offset: as     High     Low     On     Off     Sets a respo     For a normal it is recomm Setting to Fast     Normal     Slow     Off     Provides seasignal with to Support Support Support Support For more seasing support Sup	keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Inse 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.  ast may cause image sticking.  Sets the response time to Fast.  Sets the response time to Normal.  Sets the response time to Slow.  Does not use the response time improvement feature.  unless and natural images by synchronizing the vertical frequency of the input hat of the output signal.  UTION  ted Interface: DisplayPort,HDMI.  ted Graphic Card: A graphic card that supports AMD's FreeSync is		
Game Adjust	DFC Response Time	Offset: as     High     Low     On     Off     Sets a respo     For a normal it is recomm Setting to Fast     Normal     Slow     Off     Provides seasignal with to Support Support Support Support For more seasing support Sup	keeps the current contrast ratio of the screen.  Lowers the black levels and raises the white levels from the current contrast ratio of the screen.  Adjusts the brightness automatically according to the screen.  Disables the DFC feature.  Inse 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.  ast may cause image sticking.  Sets the response time to Fast.  Sets the response time to Normal.  Sets the response time to Slow.  Does not use the response time improvement feature.  Inselies and natural images by synchronizing the vertical frequency of the input that of the output signal.  UTION  ted Interface: DisplayPort,HDMI.  ted Graphic Card: A graphic card that supports AMD's FreeSync is ary.  ted Version: Make sure to update the graphic card to the latest driver.  The information and requirement, refer to AMD website at http://www.		

Game Adjust	Black Stabilizer	Increasing the	Blac	e black contrast to have better visibility in dark scenes.  ck Stabilizer value brightens the low gray level area on the screen. (You can	
		easily distinguish objects on dark game screens.) Reducing the <b>Black Stabilizer</b> value darkens the low gray level area and increases the dynamic contrast on the screen.			
	1ms Motion Blur Reduction	On	of th	mode minimizes motion blur in fast-moving videos. To take full advantage his function, select 2560×1080 @ 75 Hz before enabling <b>1ms Motion Reduction</b> .	
			This	for the in wildle for the following continuity (7511)	
		Off		function is available for the following vertical frequency. (75Hz)  s 1ms Motion Blur Reduction Mode off.	
		NOTE  • To reduce motion blur, brightness is reduced with backlight control.			
		1ms Motion Blur Reduction and FreeSync feature can not used at the same time.			
			ction	is game-optimized.	
		<ul><li> This function is game-optimized.</li><li> It is recommended to turn off when you are not using the gaming function.</li></ul>			
	Cross Hair	Cross Hair provides a mark on the center of the screen for First Person Shooter (FP Users can select the <b>cross hair</b> that fits their gaming environment among four diffe <b>cross hairs</b> .  • When the monitor is off or enters energy saving mode, the Cross Hair			
		is autom	atica	ally turned <b>Off</b> .	
Color Adjust	Gamma	Mode 1, Mod Mode 3	e 2,	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.  Sets the screen color to a bluish tone.	
	Red	-	mizo	the picture color using <b>Red, Green</b> , and <b>Blue</b> colors.	
	Green	Tou can custo	IIIIZE	the picture color using <b>Red, Green,</b> and <b>blue</b> colors.	
	Blue				
	Six Color	Meets the user requirements for colors by adjusting the hue and saturation of the six colors			
		I .		Cyan, Magenta, Yellow) and then saving the settings.	
		Hue	Adju	ists the tone of the screen colors.	
		Saturation	satu	ists the saturation of the screen colors. The lower the value, the less irated and brighter the colors become. The higher the value, the more rated and darker the colors become.	
Picture Reset	Do you want to re	set your settin	ıgs?		
	Yes	Reset			
	No	Cancel			

Menu > Sound	Description			
Volume	To adjust the Volume of headphone or speaker.			
MaxxAudio	On	MaxxAudio <sup>®</sup> by Waves, recipient of a Technical GRAMMY Award <sup>®</sup> is a suite of studio-quality sound tools for a superior listening experience.		
	Off	Disables the MaxxAudio function.		
MaxxAudio	The user can set the sound quality manually.			
Settings	MaxxBass	Bass Enhancement.		
	MaxxTreble	Treble Enhancement.		
	MaxxDialog	Dialog Enhancement.		
	Махх3D	Enhances the three dimensional effect of the sound.		
	MaxxAudio Reset	Returns the sound quality to the default settings.		
Midnight Mode	Lets you enjoy rich and full sound at a low volume.			

Menu > General	Description			
Language	Sets the menu screen to the desired language.			
SMART ENERGY	High	Saves energy using the high-efficiency SMART ENERGY SAVING feature.		
SAVING	<b>Low</b> 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		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. (Off, 4 H, 6 H, and 8 H)		
	<ul> <li>Enables or disables DisplayPort 1.2.</li> <li>NOTE</li> <li>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.</li> </ul>			
OSD Lock	This feature disables 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?		set your settings?		
	No	Cancel the select.		
	Returns to the default settings.			



• Saving Data depends on the Panel. These values vary by panel and vendor. If the option **SMART ENERGY SAVING** is set **High** or **Low**, then monitor luminance becomes higher or lower depending upon the source.

# **TROUBLESHOOTING**

Nothing is displayed on the screen.			
Is the monitor's power cord plugged in?	<ul><li>Check if the power cord is correctly plugged into the power outlet.</li><li>Test the Power Plug using a lamp or other device.</li></ul>		
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?	<ul> <li>If the monitor is in sleep mode, move the mouse, or press any key on the keyboard, to switch the display on.</li> <li>Check if the computer is turned on.</li> </ul>		
Is the OUT OF RANGE message being displayed?	<ul> <li>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.</li> </ul>		
Is the No Signal message being displayed?	<ul> <li>This is displayed when the signal cable between the PC and the monitor is missing or disconnected. Check the cable and reconnect it.</li> </ul>		

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?	<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>	

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.	



## NOTE

- **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 discolored (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?	<ul> <li>Check if the signal cable is connected properly. Reconnect the cable or reinsert the PC's graphics card.</li> </ul>		
Are there spots on the screen?	<ul> <li>When using the monitor, pixilated spots (red, green, blue, white, or black) may appear on the screen. This is normal for an LCD screen. It is not an error, nor is it related to the monitor's performance.</li> </ul>		

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 the display driver CD (or diskette) that comes with your display. Or, you can also download the 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 or HDMI input without sound?	<ul> <li>Try increasing the volume using the button on the monitor.</li> <li>Set the audio output of the PC to the monitor you are using. On Microsoft</li> </ul>	
	Windows, go to Control Panel > Hardware and Sound > Sound > set the monitor as default device.	

# **SPECIFICATIONS**

# 29UM69G

·	T_	<i></i> _,, ,		
LCD Screen	Type	TFT (Thin Film Transistor)		
		LCD (Liquid Crystal Display) Screen		
	Pixel Pitch	0.2628 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, DP(DisplayPort) IN, F	I/P,USB-C		
Power input	19 V 2.4 A			
Power	On mode: 23.3 W Typ. (ENERG	SY STAR® standard)*		
consumption (Typ.)	30 W Typ. (Outgoing	g condition)**		
	Sleep Mode ≤ 0.5 W Off Mode ≤ 0.3 W			
AC/DC adaptor	Type DA-48F19, Asian Power Devices Inc. production			
	Or type LCAP35, LIEN CHANG ELECTRONIC ENTERPRISE production			
	Or type PA-1650-43, Lite-On Technology Corporation production			
	Or type PA-1480-11, Lite-On Technology Corporation production			
	Output: 19 V === 2.53 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 415 mm x 204.1 mm		
	Without Stand 702.5 mm x 328.4 mm x 63.8 mm			
Weight (Without	With Stand	5.4 kg		
Packaging)	Without Stand	4.8 kg		

The specifications are subject to change without notice.

<sup>\*</sup> 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.

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

# **SPECIFICATIONS**

# 34UM69G

	1				
LCD Screen	Туре	TFT (Thin Film Transistor)			
		LCD (Liquid Crystal Display) Screen			
	Pixel Pitch	0.312 mm x 0.310 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, DP(DisplayPort) IN, F	d/P,USB-C			
Power input	19 V 3.3 A				
Power	On mode: 31.9 W Typ. (ENERG	GY STAR® standard)*			
consumption (Typ.)	40 W Typ. (Outgoing condition)**				
	Sleep Mode ≤ 0.5 W				
	Off Mode ≤ 0.3 W				
AC/DC adaptor	Type DA-65G 19, Asian Power Devices Inc. production				
	Or type LCAP39, LIEN CHANG ELECTRONIC ENTERPRISE production				
	Output: 19 V === 3.42 A	Output: 19 V 3.42 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 :	Monitor Size (Width x Height x Depth)			
	With Stand	828.5 mm x 465.3 mm x 279.7 mm			
	Without Stand	828.5 mm x 370.2 mm x 41.5 mm			
Weight (Without	With Stand	8.5 kg			
Packaging)	Without Stand	6.4 kg			

The specifications are subject to change without notice.

<sup>\*</sup> The power consumption level can be different by operating condition and monitor setting. \* The On mode power consumption is measured with ENERGY STAR® test standard.

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

# Factory Support Mode (Preset Mode, PC)

# **HDMI / DP Normal / USB-C**

Resolution (HDMI / DP / 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 / DP / 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



#### **Declaration of Conformity**

Trade Name: LG

Model: 29UM69G,34UM69G

Responsible Party: LG Electronics Inc.

Address: 1000 Sylvan Ave. Englewood Cliffs

NJ 07632 U.S.A

TEL: 201-266-2534

\*above information is only for USA FCC Regulatory

This device meets the EMC requirements for home appliances (Class B) and is intended for home usage. 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		

ENERGY STAR is a set of power-saving guidelines issued by the U.S.Environmental Protection Agency(EPA).



As an ENERGY STAR Partner LGE U.S. A.,Inc. has determined that this product meets the ENERGY STAR guidelines for គេស្រេក្សា energy efficiency.

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