

LG Led Lcd Monitor Owner's Manual

Home » LG » LG Led Lcd Monitor Owner's Manual

Contents

- 1 Owner's Manual
 - 1.1 LG Led Lcd Monitor
- **2 OPEN SOURCE SOFTWARE NOTICE**

INFORMATION

- **3 ASSEMBLING AND PREPARING**
- **4 Supported Drivers and Software**
- **5 Product and Button Description**
- **6 Moving and Lifting the Monitor**
- **7 USING THE MONITOR**
- **8 USER SETTINGS**
- 9 Customizing settings
- 10 TROUBLESHOOTING
- 11 PRODUCT SPECIFICATION
- 12 Factory Support Mode (Preset Mode, PC)
- 13 HDMI Timing (Video)
- 14 Documents / Resources
 - 14.1 References
- **15 Related Posts**

Owner's Manual





LG Led Lcd 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.

LICENSE

Each model has different licenses. Visit www.lg.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.

OPEN SOURCE SOFTWARE NOTICE INFORMATION

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.

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

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

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

ASSEMBLING AND PREPARING



- Always use genuine LG components to ensure safety and product performance.
- The product warranty will not cover damage or injury caused by the use of unauthorized components.
- It is recommended that use the supplied components.
- If you use generic cables not certified by LG, the screen may not display or there may be image noises.
- Illustrations in this document represent typical procedures, so they may look different from the actual product.
- Do not apply foreign substances (oils, lubricants, etc.) to the screw parts when assembling the product. (Doing so may damage the product.)
- Applying excessive force when tightening screws may cause damage to the monitor. Damage caused in this
 way will not be covered by the product warranty.
- Do not carry the monitor upside down by just holding the base. This may cause the monitor to fall off the stand and could result in personal injury.
- When lifting or moving the monitor, do not touch the monitor screen. The force applied to the monitor screen may cause damage to it.

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

Supported Drivers and Software

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

Drivers and Software	Installation Priority
Monitor Driver	Recommended
OnScreen Control	Recommended

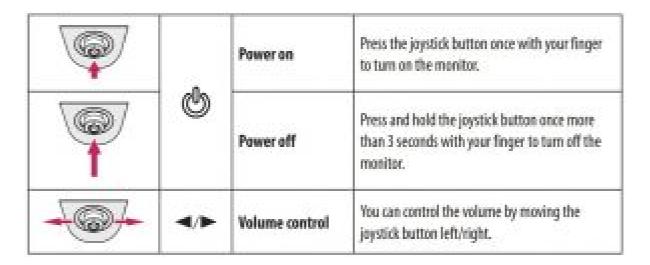
Product and Button Description



How to Use the Joystick Button

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

Basic Functions



NOTE

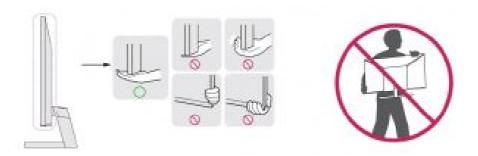
• The joystick button is located at the bottom of the monitor.

Moving and Lifting the Monitor

When moving or lifting the monitor, follow these instructions to prevent the monitor from being scratched or damaged and to ensure safe transportation, regardless of its shape or size.

- Place the monitor in the original box or packing material before attempting to move it.
- Before moving or lifting the monitor, disconnect the power cord and all other cables.
- Hold the bottom and side of the monitor frame firmly. Do not hold the panel itself.
- When holding the monitor, the screen should face away from you to prevent it from being scratched.

- When transporting the monitor, do not expose the monitor to shock or excessive vibration.
- When moving the monitor, keep it upright and never turn the monitor on its side or tilt it sideways.

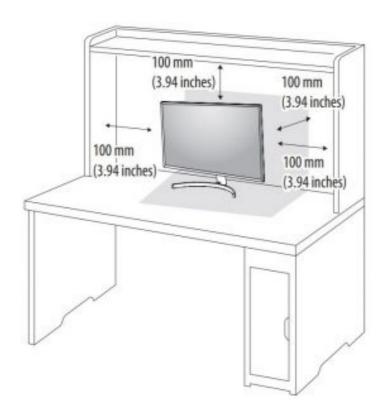




- · Avoid touching the monitor screen as much as possible.-
- This may result in damage to the screen or some of the pixels used to create images.
- If you use the monitor panel without the stand base, its joystick button may cause the monitor to become unstable and fall, resulting in damage to the monitor or human injury. In addition, this may cause the joystick button to malfunction.

Installing on a Table

• Lift the monitor and place it on the table in an upright position. Place the monitor at least 100 mm (3.94 inches) away from the wall to ensure sufficient ventilation.





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

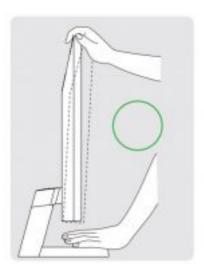
Adjusting the Angle

- 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 15° for a comfortable viewing experience.



- 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 connector for the Kensington security system is located at the bottom of the monitor. For more information on installation and usage, refer to the Kensington lock owner's manual or visit the website at http://www.kensington.com.

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



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

Installing the Wall Mount Plate

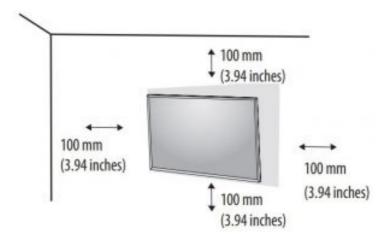
This monitor meets the specifications for the wall mount plate or other compatible devices.

NOTE

- The wall mount plate is sold separately.
- For more information on installation, refer to the wall mount plate's installation guide.
- Be careful not to apply too much force while mounting the wall mount plate as it may cause damage to the screen.
- Remove the stand before installing the monitor on a wall mount by performing the stand attachment in reverse.

Installing on the Wall

Install the monitor at least 100 mm (3.94 inches) away from the wall and leave about 100 mm (3.94 inches) of space at each side of the monitor to ensure sufficient ventilation. Detailed installation instructions can be obtained from your local retail store. Alternatively, please refer to the manual for how to install and set up a tilting wall mounting bracket.



To install the monitor to a wall, attach a wall mounting bracket (optional) to the back of the monitor. Make sure that the wall mounting bracket is securely fixed to the monitor and to the wall.

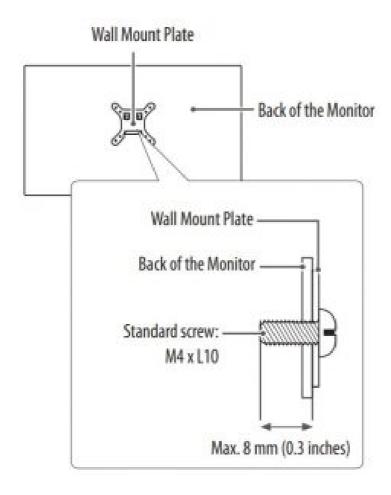
Wall Mount (mm)	100 x 100
Standard screw	M4×L10
Number of screws	4
Wall Mount Plate (Optional)	LSW 149

- A non-VESA standard screw may damage the product and cause the monitor to fall. LG Electronics is not liable for any accidents relating to the use of non-standard screws.
- The wall mount kit includes the installation guide and all necessary parts.
- The wall mounting bracket is optional. You can obtain optional accessories from your local dealer.
- The length of the screw may differ for each wall mounting bracket. If you use screws longer than the standard length, it may damage the inside of the product.
- For more information, please refer to the user manual for the wall mounting bracket.



CAUTION

- Unplug the power cord before moving or installing the monitor to avoid electric shock.
- Installing the monitor on the ceiling or on a slanted wall may result in the monitor falling off, which could lead to injury. Use an authorized LG wall mount and contact the local dealer or qualified personnel.
- Applying excessive force when tightening screws may cause damage to the monitor. Damage caused in this
 way will not be covered by the product warranty.
- Use the wall mounting bracket and screws that conform to VESA standards. Damage caused by the use or misuse of inappropriate components will not be covered by the product warranty.
- When measured from the back of the monitor, the length of each installed screw must be 8 mm (0.3 inches) or less.



USING THE MONITOR

Illustrations in this manual may differ from the actual product.

Press the joystick button, go to Settings Input, and then select the input option.



- 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.

Connecting to a PC

- This monitor supports the *Plug and Play feature.
- * Plug and Play: A feature that allows you to add a device to your computer without having to reconfigure anything or install any manual drivers.

HDMI Connection

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



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

 with Ethernet

D-SUB connection

Transmits analog video from your PC to the Monitor set. Connect the PC and the Monitor set with the supplied D-sub 15 pin signal cable as shown in the following illustrations.

NOTE

- When using a D-Sub signal input cable connector for Macintosh.
- · Mac adapter

For Apple Macintosh use, a separate plug adapter is needed to change the 15 pin high density (3 row) D-SUB VGA connector on the supplied cable to a 15 pin 2 row connector.

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

Connecting Peripherals

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.

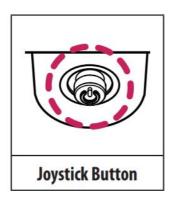


USER SETTINGS

NOTE

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

Activating the Main Menu



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

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Main Menu Features



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Selection.



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.



Customizing settings

Settings > Quick Settings	Description	
Brightness	Adjusts the contract and brightness of the screen.	
Contract		
	Adjusts the volume.(for HSRII only)	
Volume • You can adjust Marke / Unwarde by moving the joystick button to ♥ in the Vo		

Settings > Input		Description	
Input List	Selects the input mode.		
0.0875	Adjusts the aspect ratio of the screen.		
	Full Wide	Displays the nideo is wide-screen, regardless of the video signal input.	
Aspect Batio	Original	Displays video according to the aspect ratio of the rideo signal input.	
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- 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

TROUBLESHOOTING

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PRODUCT SPECIFICATION

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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)

D-SUB / HDMI

Proof Nets	Released Engages (Mil.)	Servical Engagery (RC)	Policipality	finanti
M0+80	2.61	344	+	
H0+69	0.1	78.77	+	
RELIEB	2.00	ent	4/4	
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NON-79E	6.80	308	4/4	
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1089/309	71.704	3.01	4/4	
180+790	- 4		4/4	
160-101	8.28	594	- 44	
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HDMI Timing (Video)

Factory Support Hode (Preset Mode)	Borizontal Frequency (MIc)	Vertical Frequency (%)	lements.
480p	31.5	60	
175p	11.25	50	
730p	37.5	50	
T)0p	6	60	
1080g	9425	90	00-000
1080p	£15	60	Recommend Mode



Supplier's Declaration of Conformity

• Trade Name: LG

• Responsible Party: LG Electronics USA, Inc.

• Address: 1000 Sylvan Ave Englewood Cliffs, NJ 07632

• **Telephone**: (201)266-2215

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.

Documents / Resources



References

- O LG Open Source
- ☐ FreeSync™ Technology | FreeSync Premium Pro HDR Games | AMD
- Computer Products & Accessories: Locks & Docks | Kensington
- BLG Electronics & Home Appliances | Shop Now | LG USA

Manuals+,