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# LICENSE

Each model has different licenses. Visit [www.lg.com](http://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](mailto:opensource@lge.com). This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

## ASSEMBLING AND PREPARING

### CAUTION

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

### NOTE

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

## Supported Drivers and Software

You can download and install the latest version from the LGE website ([www.lg.com](http://www.lg.com)).

Drivers and Software	Installation Priority
Monitor Driver	Recommended
OnScreen Control	Recommended
































## Customizing settings

Settings > General	Description	
Language	To choose the language in which the control names are displayed.	
SMART ENERGY SAVING	High	Saves energy using the high-efficiency SMART Energy Saving feature.
	Low	Saves energy using the low-efficiency SMART Energy Saving feature.
	Off	Disables the SMART Energy Saving feature.
Automatic Standby	The monitor will automatically switch to standby mode after a certain period.	
OSD Lock	Prevents incorrect key input.	
	On	Key input is disabled.
	 <b>NOTE</b>	<ul style="list-style-type: none"> <li>All function except for the OSD Lock mode, brightness, Contrast, Input, Information and Volume are disabled.</li> </ul>
	Off	Key input is enabled.
Information	The display information will be shown the Model, Serial Number, Total Power On Time, Resolution.	
Reset	<b>Do you want to reset your settings?</b>	
	No	Cancel the select.
	Yes	Returns to the default settings.

### **NOTE**

- 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?	<ul style="list-style-type: none"><li>• Check if the power cord is correctly plugged into the power outlet.</li></ul>
Is the <b>No Signal</b> message being displayed?	<ul style="list-style-type: none"><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>
Is the <b>Out of Range</b> message being displayed?	<ul style="list-style-type: none"><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>
Screen display is unstable and shaky. / Images displayed on the monitor leave shadow trails.	
Did you select the appropriate resolution?	<ul style="list-style-type: none"><li>• If the selected resolution is HDMI 1080i 60/50 Hz (interlaced), the screen may be flickering. Change the resolution to 1080p or the recommended resolution.</li><li>• Not setting the graphics card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area or misalignment of the display.</li><li>• The setting methods may be different depending on the computer or operating system, and some resolutions may not be available depending on the performance of the graphics card. If this is the case, contact the manufacturer of the computer or graphics card for assistance.</li></ul>
Does image sticking occur even when the monitor is turned off?	<ul style="list-style-type: none"><li>• Displaying a still image for a prolonged time may cause damage to the screen, resulting in the retention of the image.</li><li>• To extend the lifetime of the monitor, use a screensaver.</li></ul>
Are there spots on the screen?	<ul style="list-style-type: none"><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>
Some features are disabled.	
Are some functions not available when you press the Menu button?	<ul style="list-style-type: none"><li>• The OSD is locked. Disable <b>OSD Lock in General</b>.</li></ul>

<b>Do you see an "Unrecognized monitor, Plug and Play (VESA DDC) monitor found" message?</b>	
Have you installed the display driver?	<ul style="list-style-type: none"><li>• Be sure to install the display driver from our web site: <a href="http://www.lg.com">http://www.lg.com</a>.</li><li>• Make sure to check if the graphics card supports Plug and Play function.</li></ul>
<b>No sound from the headphone port.</b>	
Are images displayed without sound?	<ul style="list-style-type: none"><li>• Make sure that the headphone port connections are made properly.</li><li>• Try increasing the volume with the joystick.</li><li>• Set the audio output of the PC to the monitor you are using. (The settings may differ depending on the operating system (OS) you use.)</li></ul>

# PRODUCT SPECIFICATION

Color Depth	8-bit / 10-bit color is supported.	
Resolution	Max Resolution	1920 x 1080 @ 60 Hz (D-Sub) 1920 x 1080 @ 75 Hz (HDMI)
	Recommended Resolution	1920 x 1080 @ 60 Hz
Power Sources	Power Rating	19 V --- 1.3 A
	Power Consumption	On mode: 25 W Typ. (Outgoing condition)* Sleep Mode 0.3 W *** Off Mode 0.3 W
AC/DC adaptor	<p>Type ADS-40SG-19-3 19025G, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-40FSG-19 19025GPG-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-40FSG-19 19025GPBR-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-40FSG-19 19025GPI-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-40FSG-19 19025GPCU-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-40FSG-19 19025GPB-2, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-25SFA-19-3 19025E, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-25FSF-19 19025EPCU-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-25FSF-19 19025EPBR-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-25FSF-19 19025EPI-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-25FSF-19 19025EPG-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type ADS-25FSF-19 19025EPB-1, manufactured by SHENZHEN HONOR ELECTRONIC,  or type LCAP21, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE,  or type LCAP26-A, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE,  or type LCAP26-E, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE,  or type LCAP26-I, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE,  or type LCAP26-B, manufactured by LIEN CHANG ELECTRONIC ENTERPRISE,  or type WA-24C19FS, manufactured by Asian Power Devices Inc.  or type WA-24C19FN, manufactured by Asian Power Devices Inc.  or type DA-24B19, manufactured by Asian Power Devices Inc.  Output: 19 V --- 1.3 A</p>	

<b>Environmental Conditions</b>	Operating Conditions	Temperature	0 °C to 40 °C (32 °F to 104 °F)
		Humidity	Less than 80 %
	Storing Conditions	Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
		Humidity	Less than 85 %
<b>Dimensions</b>	Monitor Size (Width x Height x Depth)		
	With Stand	729.4 x 513.3 x 209.3 (mm) 28.7 x 20.2 x 8.2 (inches)	
	Without Stand	729.4 x 430.3 x 45.0 (mm) 28.7 x 16.9 x 1.7 (inches)	
<b>Weight (Without Packaging)</b>	With Stand	5.6 kg (12.3 lbs)	
	Without Stand	5.2 kg (11.4 lbs)	

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

Preset Mode	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	60.023	75.029	+/+	
1280 x 720	45	60	+/+	
1280 x 800	49.702	59.81	-/+	
1280 x 1024	63.981	60.02	+/+	
1280 x 1024	79.976	75.025	+/+	
1600 x 900	60	60	+/+	
1680 x 1050	65.29	59.954	-/+	
1920 x 1080	67.5	60	+/+	
1920 x 1080	83.894	74.973	+/-	(for HDMI only)

## HDMI 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	60	
1080p	56.25	50	
1080p	67.5	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. \_\_\_\_\_