

# User's Guide

## L1918S

LCD Computer Monitor

**M**ake sure to read the **Important Precautions** before using this product.  
Keep the User's Guide(CD) in an accessible place for future reference.

**H**ave the model and serial number ready when calling for support.

**This unit has been engineered and manufactured to ensure your personal safety, however improper use may result in potential electrical shock or fire hazards. In order to allow the proper operation of all safeguards incorporated in this display, observe the following basic rules for its installation, use, and servicing.**

## On Safety

Only use the power cord supplied with the unit. The power cord used must have an equivalent certification by the applicable national standards as the original. If the power cable is faulty in any way, please contact customer service or the nearest authorized repair service provider for a replacement.

The power supply cord is used as the main disconnection device. Ensure that the power outlet used is easily accessible.

Operate the display only from a power source indicated in the specifications of this manual or listed on the display. If you are not sure what type of power supply you have in your home, consult with your dealer.

Overloaded AC outlets and extension cords are dangerous. So are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.

Do not Open the Display.

- There are no user serviceable components inside.
- There are Dangerous High Voltages inside, even when the power is OFF.
- Contact your dealer if the display is not operating properly.

To Avoid Personal Injury :

- Do not place the display on a sloping shelf unless properly secured.
- Use only a stand recommended by the manufacturer.

To Prevent Fire or Hazards:

- Always turn the display OFF if you leave the room for more than a short period of time. Never leave the display ON when leaving the house.
- Keep children from dropping or pushing objects into the display's cabinet openings. Some internal parts carry hazardous voltages.
- Do not add accessories that have not been designed for this display.
- During a lightning storm or when the display is to be left unattended for an extended period of time, unplug it from the wall outlet.

## On Installation

Do not allow anything to rest upon or roll over the power cord, and do not place the display where the power cord is subject to damage.

Do not use this display near water such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

Displays are provided with ventilation openings in the cabinet to allow the release of heat generated during operation. If these openings are blocked, built-up heat can cause failures which may result in a fire hazard. Therefore, NEVER:

- Block the bottom ventilation slots by placing the display on a bed, sofa, rug, etc.
- Place the display in a built-in enclosure unless proper ventilation is provided.
- Cover the openings with cloth or other material.
- Place the display near or over a radiator or heat source.

Do not rub or strike the LCD Screen with anything hard as this may scratch, mar, or damage the LCD Screen permanently.

Do not press the LCD screen with your finger for a long time as this may cause some afterimages.

Some dot defects may appear as Red, Green or Blue spots on the screen. However, this will have no impact or effect on the display's performance.

If possible, use the recommended resolution to obtain the best image quality for your LCD display. If used under any mode except the recommended resolution, some scaled or processed images may appear on the screen. However, this is characteristic of the fixed-resolution LCD panel.

## On Cleaning

- Unplug the display before cleaning the face of the display screen.
- Use a slightly damp (not wet) cloth. Do not use an aerosol directly on the display screen because over-spraying may cause electrical shock.

## On Repacking

- Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it in its original material.

## On Disposal

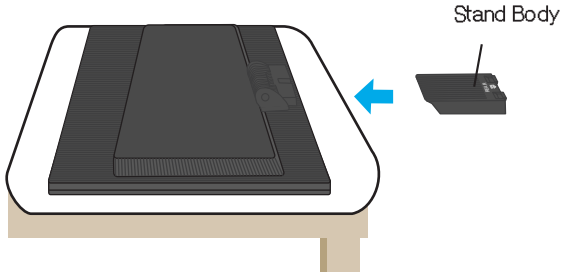
- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.  
Disposal of this product must be carried out in accordance to the regulations of your local authority.

# Connecting the Display

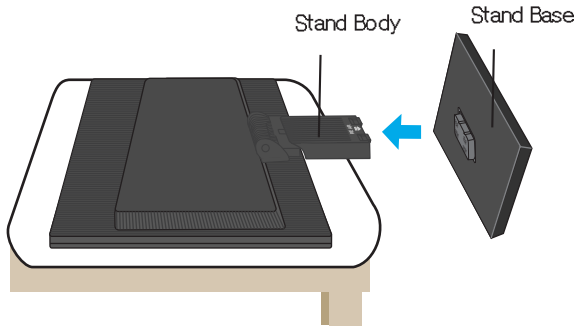
- Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

## Connecting the stand

1. Place the monitor with its front facing downward on a soft cloth.
2. Assemble the Stand Body into the product in the correct direction as shown in the picture.  
Make sure you push it until you hear it "click".



3. Assemble the Stand Base(Front, Rear) into the Stand Body in the correct direction.



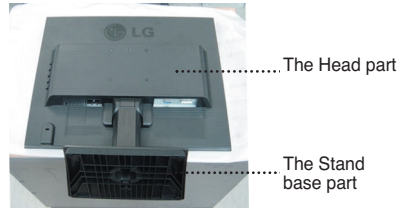
4. Once assembled take the monitor up carefully and face the front side

### Important

- Do not remove and re-install the stand frequently, it could damage the stand.
- Do not carry the product upside down holding only the stand base. The product may fall and get damaged or injure your foot.

## To remove the Stand:

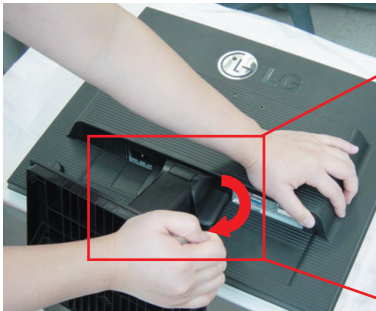
1. Put a cushion or soft cloth on a flat surface.
2. Place the monitor face down on the cushion or soft cloth.



3. Hold the product as it follows and lift up the Stand slightly.



4. Change your hold on the product as it follows and turn the Stand Base in the arrow direction until you hear a "click."

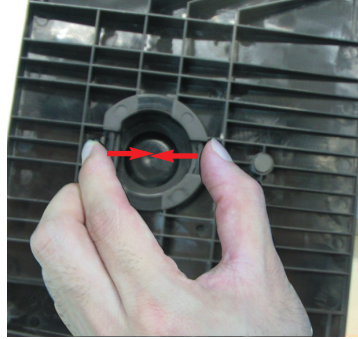


5. Pull out the Stand to remove.



## To remove the Stand Base:

1. Hold the body of the Stand as it follows.
2. Press the two latches at the same time as it follows.



3. Pull up the body of the Stand while holding the Stand Base with the other hand.
4. The body of the Stand and the Stand Base are successfully separated.

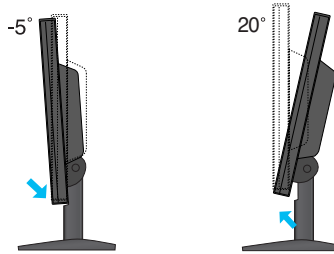


- Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

## Positioning your display

1. Adjust the position of the panel in various ways for maximum comfort.

- Tilt Range :  $-5^{\circ}$  ~  $20^{\circ}$



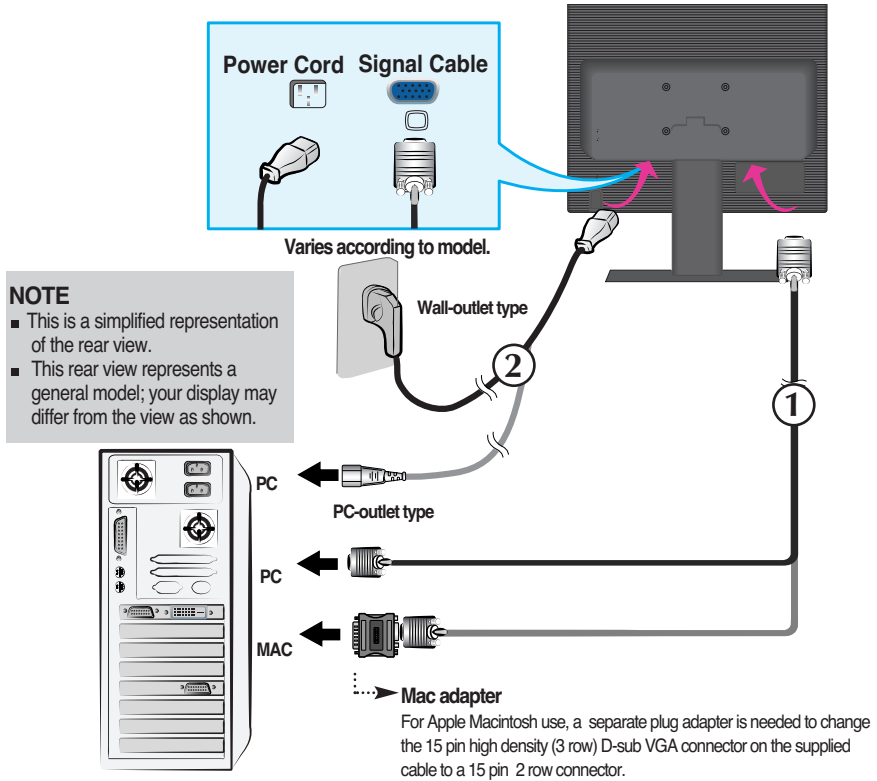
Warning: When adjusting the angle of the screen, do not put your finger(s) in between the head of the monitor and the stand body .  
You can hurt your finger(s).


### Ergonomic

It is recommended that in order to maintain an ergonomic and comfortable viewing position, the forward tilt angle of the monitor should not exceed 5 degrees.

# Connecting the Display

1. Place the monitor in a convenient, well-ventilated location near your computer.
2. Connect the signal cable. When attached, tighten the thumbscrews to secure the connection. ①
3. Connect the power cord into a proper power outlet that is easily accessible and close to the display. ②



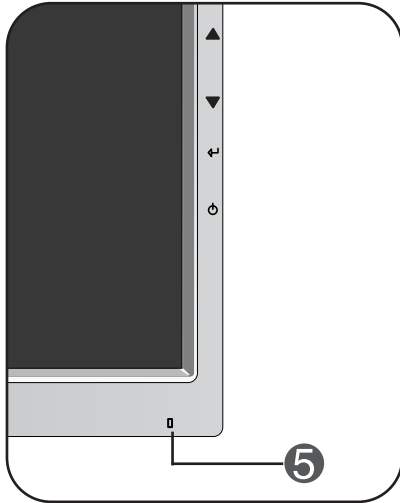
4. Press  button on the side switch panel to turn the power on.  
When monitor power is turned on, the 'Self Image Setting Function' is executed automatically.

PROCESSING SELF  
IMAGE SETTING

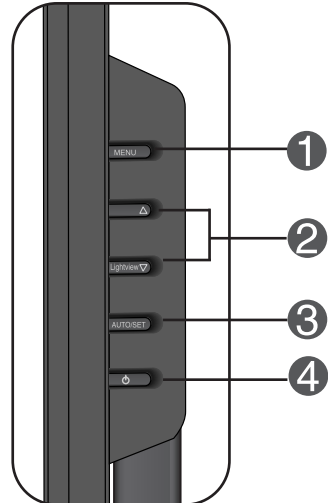
## NOTE





The 'Self Image Setting Function' provides the user with optimal display settings. When the user connects the monitor for the first time, this function automatically adjusts the display to optimal settings for individual input signals. If you want to adjust the monitor while in use, or wish to manually run this function once again, push the 'AUTO/SET' button on the side panel of the monitor. Otherwise, you may execute the 'Factory reset' option on the OSD adjustment menu. However, be aware that this option initializes all the menu items except 'Language'.


## Front Panel Controls



## Side



Control	Function
<p><b>1 MENU Button</b></p>  	<p>Use this button to enter or exit the On Screen Display.</p> <p><b>OSD LOCKED/UNLOCKED</b></p> <p>This function allows you to lock the current control settings, so that they cannot be inadvertently changed. Press and hold the <b>MENU button</b> for several seconds. The message "<b>OSD LOCKED</b>" should appear. You can unlock the OSD controls at any time by pushing the <b>MENU button</b> for several seconds. The message "<b>OSD UNLOCKED</b>" should appear.</p>
<p><b>2 ▲ ▼ Buttons</b></p>  	<p>Use these buttons to select or adjust functions in the On Screen Display.</p> <p><b>LightView hot key</b></p> <p><b>DAY NIGHT</b> This feature lets you easily select the best desired image condition optimized to the environment (ambient illumination, image types etc).</p> <ul style="list-style-type: none"> <li>• <b>DAY</b> : Bright ambient illumination</li> <li>• <b>NIGHT</b> : Dark ambient illumination</li> <li>• <b>TEXT</b> : For text images (Word processing etc.)</li> <li>• <b>MOVIE</b> : For animation images in videos or movies</li> <li>• <b>PHOTO</b> : For pictures or drawings</li> <li>• <b>NORMAL</b> : This is under normal operating conditions</li> </ul>

Control	Function
<p><b>3</b> <b>AUTO/SET Button</b></p> 	<p>Use this button to enter a selection in the On Screen Display.</p> <hr/> <p><b>AUTO IMAGE ADJUSTMENT</b> When adjusting your display settings, always press the <b>AUTO/SET</b> button before entering the On Screen Display(OSD). This will automatically adjust your display image to the ideal settings for the current screen resolution size (display mode). The best display mode is 19 inch monitor : <b>1280 x 1024</b></p>
<p><b>4</b> <b>Power Button</b></p>	<p>Use this button to turn the display on or off.</p>
<p><b>5</b> <b>Power Indicator</b></p>	<p>This Indicator lights up green when the display operates normally(On Mode). If the display is in Sleep Mode (Energy Saving), this indicator color changes to amber.</p>

## Screen Adjustment

Making adjustments to the image size, position and operating parameters of the display is quick and easy with the On Screen Display Control system. A short example is given below to familiarize you with the use of the controls. The following section is an outline of the available adjustments and selections you can make using the OSD.

### NOTE

- Allow the display to stabilize for at least 30 minutes before making image adjustments.

To make adjustments in the On Screen Display, follow these steps:

**MENU** → ▲ ▼ → **AUTO/SET** → ▲ ▼ → **MENU**

- 1 Press the **MENU** Button, then the main menu of the OSD appears.
- 2 To access a control, use the ▲ or ▼ Buttons. When the icon you want becomes highlighted, press the **AUTO/SET** Button.
- 3 Use the ▲ / ▼ Buttons to adjust the item to the desired level.
- 4 Accept the changes by pressing the **MENU** Button.
- 5 Exit the OSD by Pressing the **MENU** Button.

# On Screen Display(OSD) Selection and Adjustment

The following table describes all the On Screen Display control, adjustment, and setting menus.

Main menu	Sub menu		Reference
<b>PICTURE</b>	BRIGHTNESS		●
	CONTRAST		
	GAMMA		
<b>COLOR</b>	PRESET	sRGB	●
		6500K	
		9300K	
	RED		
	GREEN		
	BLUE		
<b>POSITION</b>	HORIZONTAL		●
	VERTICAL		
<b>TRACKING</b>	CLOCK		●
	PHASE		
	SHARPNESS		
<b>SETUP</b>	LANGUAGE		●
	OSD POSITION	HORIZONTAL	
		VERTICAL	
	WHITE BALANCE		
	POWER INDICATOR		
	FACTORY RESET		
● : Adjustable			

## NOTE

- The order of icons may differ depending on the model (A11~A14).

You were introduced to the procedure of selecting and adjusting an item using the OSD system. Listed below are the icons, icon names, and icon descriptions of the all items shown on the Menu.


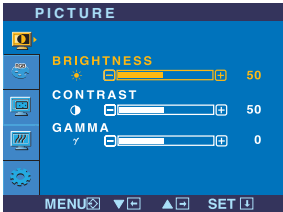



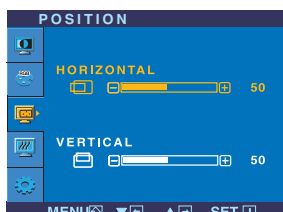
Press the MENU Button, then the main menu of the OSD appears.


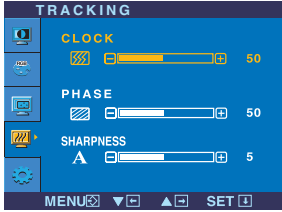
The diagram illustrates the OSD menu structure. The main menu is titled "PICTURE" and contains three sub-menus: "BRIGHTNESS" (value 50), "CONTRAST" (value 50), and "GAMMA" (value 0). Each sub-menu has a corresponding icon on the left side of the menu. The "BRIGHTNESS" icon is a sun, "CONTRAST" is a monitor, and "GAMMA" is a monitor with a wavy line. The "Button Tip" section provides the following information:



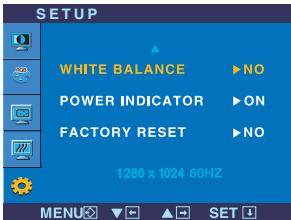
- MENU : Exit
- ▼ ▲ : Adjust (Decrease/Increase)
- SET : Enter
- : Select another sub-menu

## NOTE

- OSD (On Screen Display) menu languages on the monitor may differ from the manual.

Main menu	Sub menu	Description
 <p><b>PICTURE</b></p>  <ul style="list-style-type: none"> <li>■ <b>MENU</b> : Exit</li> <li>■ <b>▼</b> : Decrease</li> <li>■ <b>▲</b> : Increase</li> <li>■ <b>SET</b> : Select another sub-menu</li> </ul>	<p><b>BRIGHTNESS</b> Adjusts the brightness of the screen.</p> <p><b>CONTRAST</b> Adjusts the contrast of the screen.</p> <p><b>GAMMA</b> Set your own gamma value. : -50/0/50 On the monitor, high gamma values display whitish images and low gamma values display high contrast images.</p>	
 <p><b>COLOR</b></p>  <ul style="list-style-type: none"> <li>■ <b>MENU</b> : Exit</li> <li>■ <b>▼</b> : Decrease</li> <li>■ <b>▲</b> : Increase</li> <li>■ <b>SET</b> : Select another sub-menu</li> </ul>	<p><b>PRESET</b> Selects the color temperature.</p> <ul style="list-style-type: none"> <li>• sRGB: Set the screen color to fit the SRGB standard color specification.</li> <li>• 6500K: Slightly reddish white.</li> <li>• 9300K: Slightly bluish white.</li> </ul> <p><b>RED</b> Adjusts red color levels.</p> <p><b>GREEN</b> Adjusts green color levels.</p> <p><b>BLUE</b> Adjusts blue color levels.</p>	
 <p><b>POSITION</b></p>  <ul style="list-style-type: none"> <li>■ <b>MENU</b> : Exit</li> <li>■ <b>▼</b> : Decrease</li> <li>■ <b>▲</b> : Increase</li> <li>■ <b>SET</b> : Select another sub-menu</li> </ul>	<p><b>HORIZONTAL</b> Adjusts the screen image left and right.</p> <p><b>VERTICAL</b> Adjusts the screen image up and down.</p>	

Main menu	Sub menu	Description
 <p><b>TRACKING</b></p>  <ul style="list-style-type: none"> <li>■ <b>MENU</b> : Exit</li> <li>■ <b>▼</b> : Decrease</li> <li>■ <b>▲</b> : Increase</li> <li>■ <b>SET</b> : Select another sub-menu</li> </ul>	<p><b>CLOCK</b></p> <p><b>PHASE</b></p> <p><b>SHARPNESS</b></p>	<p><b>CLOCK</b> Adjusts any vertical bars or stripes visible on the screen background. The horizontal screen size will also change.</p> <p><b>PHASE</b> Adjusts the focus of the display. This item allows you to remove any horizontal noise and clear or sharpen text.</p> <p><b>SHARPNESS</b> Adjust the clearness of the screen.</p>

 <p><b>SETUP</b></p>   <ul style="list-style-type: none"> <li>■ <b>MENU</b> : Exit</li> <li>■ <b>▼</b> : Adjust</li> <li>■ <b>▲</b> : Adjust</li> <li>■ <b>SET</b> : Select another sub-menu</li> </ul>	<p><b>LANGUAGE</b></p> <p><b>OSD POSITION</b></p> <p><b>WHITE BALANCE</b></p> <p><b>POWER INDICATOR</b></p> <p><b>FACTORY RESET</b></p>	<p><b>LANGUAGE</b> Chooses the language in which the control names are displayed.</p> <p><b>OSD POSITION</b> Adjusts the position of the OSD window on the screen.</p> <p><b>WHITE BALANCE</b> If the output of the video card is different the required specifications, the color level may deteriorate due to video signal distortion. Using this function, the signal level is adjusted to fit into the standard output level of the video card in order to provide the optimal image.</p> <p><b>POWER INDICATOR</b> Use this function to set the power indicator light on the front side of the monitor to ON or OFF.</p> <p><b>FACTORY RESET</b> Restore all factory default settings except "LANGUAGE." Press the ▼ button to reset immediately.</p>
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Check the following before calling for service.

No image appears	
<ul style="list-style-type: none"><li>● Is the power cord of the display connected?</li></ul>	<ul style="list-style-type: none"><li>• Check and see if the power cord is connected properly to the power outlet.</li></ul>
<ul style="list-style-type: none"><li>● Is the power indicator light on?</li></ul>	<ul style="list-style-type: none"><li>• Press the Power button.</li></ul>
<ul style="list-style-type: none"><li>● Is the power on and the power indicator blue or green?</li></ul>	<ul style="list-style-type: none"><li>• Adjust the brightness and the contrast.</li></ul>
<ul style="list-style-type: none"><li>● Is the power indicator amber?</li></ul>	<ul style="list-style-type: none"><li>• If the display is in power saving mode, try moving the mouse or pressing any key on the keyboard to bring up the screen.</li><li>• Try to turn on the PC.</li></ul>
<ul style="list-style-type: none"><li>● Do you see an "OUT OF RANGE" message on the screen?</li></ul>	<ul style="list-style-type: none"><li>• This message appears when the signal from the PC (video card) is out of horizontal or vertical frequency range of the display. See the 'Specifications' section of this manual and configure your display again.</li></ul>
<ul style="list-style-type: none"><li>● Do you see a "CHECK SIGNAL CABLE" message on the screen?</li></ul>	<ul style="list-style-type: none"><li>• This message appears when the signal cable between your PC and your display is not connected. Check the signal cable and try again.</li></ul>

"OSD LOCKED" message on the screen	
<ul style="list-style-type: none"><li>● Do you see "OSD LOCKED" when you push MENU button?</li></ul>	<ul style="list-style-type: none"><li>• You can secure the current control settings, so that they cannot be inadvertently changed. You can unlock the OSD controls at any time by pushing the <b>MENU</b> button for several seconds: the message "<b>OSD UNLOCKED</b>" will appear.</li></ul>



## Have you installed the display driver?

● **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.lge.com>.

● **Do you see an "Unrecognized monitor, Plug&Play (VESA DDC) monitor found" message?**

• Make sure to check if the video card supports Plug&Play function.

# Specifications

<b>Display</b>	19 inches (48 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating 19 inches viewable 0.294 mm pixel pitch		
<b>Sync Input</b>	Horizontal Freq.	30 - 83 kHz (Automatic)	
	Vertical Freq.	56 - 75 Hz (Automatic)	
	Input Form	Separate TTL SOG (Sync On Green)	
<b>Video Input</b>	Signal Input	15 pin D-Sub Connector	
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm)	
<b>Resolution</b>	Max	VESA 1280 x 1024 @75 Hz	
	Recommend	VESA 1280 x 1024 @60 Hz	
<b>Plug&amp;Play</b>	DDC 2B		
<b>Power Consumption</b>	On Mode	: 34 W(Typical)	
	Sleep Mode	≤ 1 W	
	Off Mode	≤ 1 W	
<b>Dimensions &amp;Weight</b>		With Stand	Without Stand
	Width	41.8 cm / 16.45 inches	41.8 cm / 16.45 inches
	Height	41.4 cm / 14.98 inches	34.26 cm / 13.48 inches
	Depth	18.01 cm / 7.09 inches	7.06 cm / 2.78 inches
	Net	4.3 kg (9.48 lbs)	
<b>Tilt Range</b>	Tilt	-5° ~20°	
<b>Power Input</b>	AC 100-240V~ 50/60Hz 0.8A		
<b>Environmental Conditions</b>	Operating Conditions		
	Temperature	10°C to 35 °C	
	Humidity	20 % to 80 % non-Condensing	
	Storage Conditions		
Temperature	-20°C to 60 °C		
Humidity	10 % to 90 % non-Condensing		
<b>Stand</b>	Attached( ), Detached ( O )		
<b>Power cord</b>	Wall-outlet type or PC-outlet type		

## NOTE

- Information in this document is subject to change without notice.

## Preset Modes (Resolution)

Display Modes (Resolution)			Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	VGA	640 x 350	31.469	70
2	VGA	720 x 400	31.469	70
3	VGA	640 x 480	31.469	60
4	VESA	640 x 480	37.500	75
5	VESA	800 x 600	37.879	60
6	VESA	800 x 600	46.875	75
7	MAC	832 x 624	49.725	74.5
8	VESA	1024 x 768	48.363	60
9	VESA	1024 x 768	60.023	75
10	MAC	1152 x 870	68.681	75
11	VESA	1152 x 900	61.805	65
*12	VESA	1280 x 1024	63.981	60
13	VESA	1280 x 1024	79.976	75

\* Recommend Mode

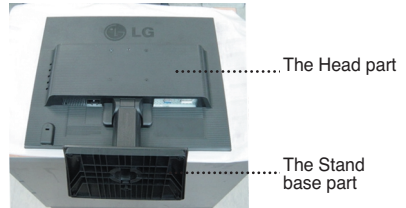
## Indicator

MODE	LED Color
On Mode	Green
Sleep Mode	Amber
Off Mode	Off

# Installing the Wall mount plate

**This monitor satisfies the specifications of the Wall mount plate or the interchange device.**

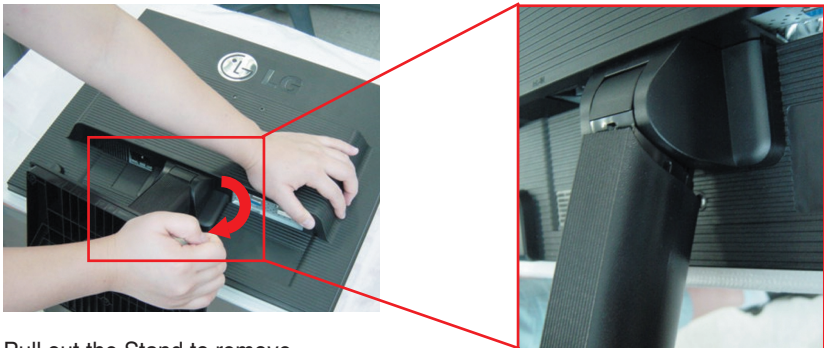
- 1.** Put a cushion or soft cloth on a flat surface.
- 2.** Place the monitor face down on the cushion or soft cloth.



- 3.** Hold the product as it follows and lift up the Stand slightly.



- 4.** Change your hold on the product as it follows and turn the Stand Base in the arrow direction until you hear a "click."



- 5.** Pull out the Stand to remove.

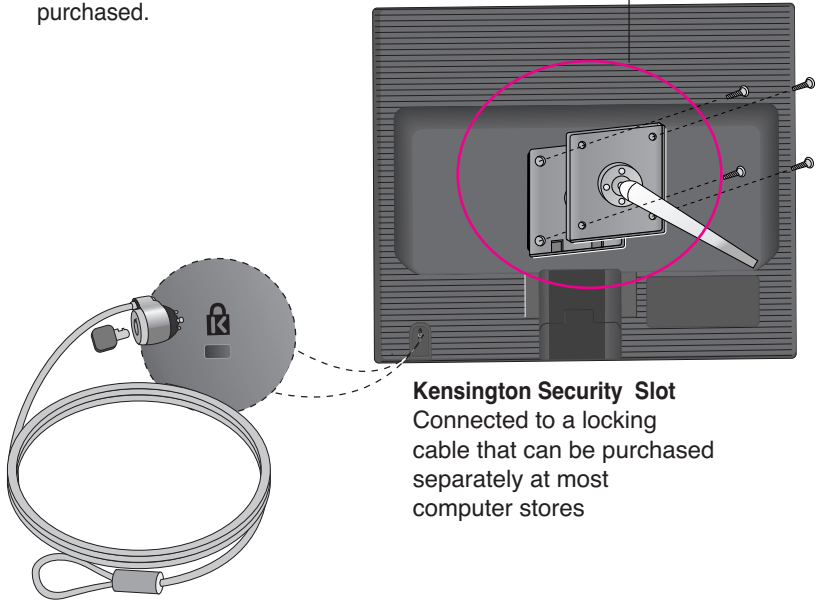


# Installing the Wall mount plate

## 6. Installing the wall mount plate

### Wall mount plate(Seperate purchase)

This is stnad-type or will mount type and is connectable with Wall mount plate.  
Please refer to the installation guide for more details, which is provided when Wall mount plate is purchased.



**Kensington Security Slot**  
Connected to a locking cable that can be purchased separately at most computer stores

Digitally yours ■■■■.....

