

User's Guide

W3000H

Make sure to read the **Safety Precautions** before using the product.

Keep the User's Guide(CD) in an accessible place for future reference.

See the label attached on the product and give the information to your dealer when you ask for service.

Please read these safety precautions carefully before using the product.



Warning

Failure to follow those warnings may result in death, serious injury or damage to the product or other property.



Electrical Power Related Precautions



Warning

- **Use only the power cord supplied with the unit or another manufacturer authorized cord.**
 - Failure to do so may result in fire or electrical shock or damage to the product.
- **Use only a properly grounded plug and receptacle.**
 - If you do not you may be electrocuted or injured. Or the product might be damaged.
- **Do not use a damaged or loose plug.**
 - This may cause electrical shock or fire.
- **Operate the display only from a power source (i.e. voltage) indicated in the product specification.**
 - Otherwise the product can be damaged, fire can occur or you may be electrocuted. If you are not sure what type of power supply you have, consult a certified electrician.
- **In the presence of thunder and lightning, never touch the power cord and signal cable because it can be very dangerous.**
 - It can cause electric shock.
- **Do not connect several extension cords, electrical appliances or electrical heaters to a single outlet. Use a power bar with a grounding terminal designed for exclusive use with the computer.**
 - A fire can break out due to overheating.
- **Do not touch the power plug with wet hands. Additionally, if the cord pin is wet or covered with dust, dry the power plug completely or wipe dust off before plugging in the cord.**
 - You may be electrocuted due to excess moisture.
- **If you don't intend to use the product for a long time, unplug the power cable from the product.**
 - Covering dust can cause a fire, or insulation deterioration can cause electric leakage, electric shock or fire.
- **Insert the power plug firm so it cannot come loose.**
 - A loose connect can cause fire.
- **Hold the plug when pulling out the power cable. Do not pull the plug out by the wire. Do not bend the power cord with excessive force or put heavy objects on the power cord.**
 - The power line can be damaged, which may cause electric shock or fire.
- **Do not insert conductive material (ea. metal chopstick) into the product opening into one end of the power cable while the other end is plugged in. Additionally, do not touch the power cable right after plugging into the wall input terminal.**
 - You may be electrocuted.
- **The power supply cord is used as the main disconnection device. Ensure that the socket-outlet shall be installed near the equipment and shall be easily accessible.**
- **Do not unplug the power cord while the product is in use.**
 - Electrical shock can damage the product.



Precautions in installing the Product



Warning

- **Keep away from heat sources like electrical heaters, curdles or other open flames.**
 - Electrical shock, fire, malfunction or deformation may occur.

Safety Precautions

- **Keep the packing anti-moisture material or vinyl packing out of the reach of children.**
 - Anti-moisture material is harmful if swallowed. If swallowed by mistake, force the patient to vomit and visit the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.
- **Do not put heavy objects on the product on sit upon it.**
 - If the product collapses or is dropped, you may be injured. Children must pay particular attention.
- **Do not leave the power or signal cable when someone can trip over it.**
 - The passerby can falter, which can cause electrical shock, fire, product breakdown or injury.
- **Install the product in a neat and dry place. Do not use near water.**
 - Dust or moisture can cause electrical shock, fire or product damage.
- **Do not add accessory that have not been designed for this display.**
- **If you smell smoke or other odors or hear a strange sound from the product unplug the power cord and contact the service center.**
 - If you continue to use without taking proper measures, electrical shock or fire can occur.
- **If you dropped the product or the case is broken, turn off the product and unplug the power cord.**
 - If you continue to use without taking proper measures, electrical shock or fire can occur. Contact the service center.
- **Do not drop an object on or apply impact to the product. Do not throw any toys or objects at the product.**
 - It can cause injury to humans, problems to the product and damage the display.
- **Keep out of reach of children and do not place toys near the product.**
- **Make sure the product ventilation hole is not blocked. Install the product more than 10cm from the wall.**
 - If you install the product too close to the wall, it may be deformed or fire can break out due to internal heat build-up.
- **Do not cover the product with cloth or other material (eg. plastic) while plugged in.**
 - The product can be deformed or fire can break out due to internal overheating inside the product.
- **Place the product on a flat and stable surface that is large enough to support the product.**
 - If the product is dropped, you may be injured or the product may be broken.
- **Install the product where no Electromagnetic Interference occurs.**
- **Keep the product away from direct sunlight.**
 - The product can be damaged.
- **Do not place the product on the floor.**
 - Small Children and others may trip over it.

Precautions in Moving the Product



Warning

- **Make sure to turn off the product.**
 - You may be electrocuted or the product can be damaged.
- **Make sure to remove all cables before moving the product.**
 - You may be electrocuted or the product can be damaged.
- **When lifting or moving the product, do not hold it upside down while holding only the stand.**
 - This may cause the product to fall resulting in damage or injury.
- **Do not shock the product when moving it.**
 - You may be electrocuted or the product can be damaged.
- **Make sure the panel faces forward and hold it with both hands to move.**
 - If you drop the product, the damaged product can cause electric shock or fire. Contact an authorized the service center for repair.
- **Do not place the product face down.**
 - This may damage the TFT-LCD screen.

Precautions in Using/Cleaning the Product

Warning

- **Do not attempt to disassemble, repair or modify the product yourself.**
 - Fire or electric shock can occur.
 - Contact the service center for repair.
- **When cleaning the product, unplug the power cord and scrub gently with a soft cloth to prevent scratching. Do not clean with a wet cloth. Or spray water or other liquids directly onto the product. An electric shock may occur. (Do not use chemicals such as benzene, paint thinners or alcohol)**
- **Keep the product away from water.**
 - Fire or electric shock accident can occur.
- **Do not put or store flammable substances near the product.**
 - There is a danger of explosion or fire.
- **Keep the product clean at all times.**
- **Take a comfortable and natural position when working with a product to relax the muscles.**
- **Take a regular break when working with a product for a long time.**
- **Do not press on the panel with a hand or sharp object such as nail, pencil or pen, or make a scratch on it.**
- **Keep proper distance from the product and rest from time-to-time.**
 - Your vision may be impaired if you look at the product too closely or for too long.
- **Set the appropriate resolution by referring to the User's Guide.**
 - Your vision can be impaired.
- **Keep small accessories out of the reach of children.**
- **Leaving a fixed image on the screen for a long time may cause damage to the screen and cause image burn-in. Make sure to use a screen saver on the product. Burn-in and related problems are not covered by the warranty on this product.**

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

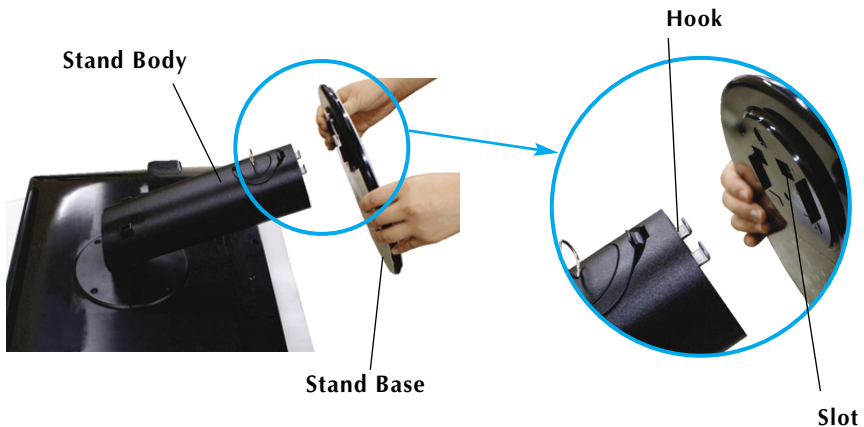
- Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

Connecting the stand base or Removing the stand base

1. Place the monitor with its front facing downward on a cushion or soft cloth.



2. Align the hooks on the Stand Body with the matching slots in the Stand Base.
3. Insert the hooks into slots.



Warning

- The tape and locking pin may only be removed from those monitors equipped with a standing base when the base is pulled up. Otherwise, you may be injured by the protruding sections of the stand.

Connecting the Display

4. Attach the monitor to the Stand Base by turning the screw to the right.

Screw : Turn the screw by using the screw handle.



5. Lift and turn the monitor to face towards the front after the connection is made to the female part of the cable you're attaching.
6. Take the screw out by turning to the left to separate the monitor and Stand Base.

Important

- This illustration depicts the general model of connection. Your monitor may differ from the items shown in the picture.
- Do not carry the product upside down holding only the stand base. The product may fall and get damaged or injure your foot.

Connecting the Display

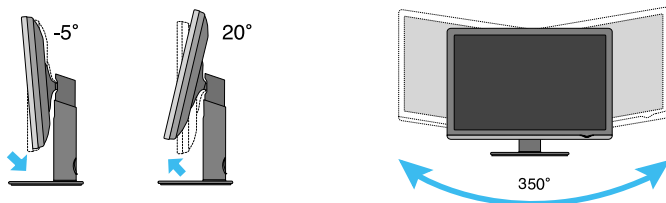
- Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

Positioning your display

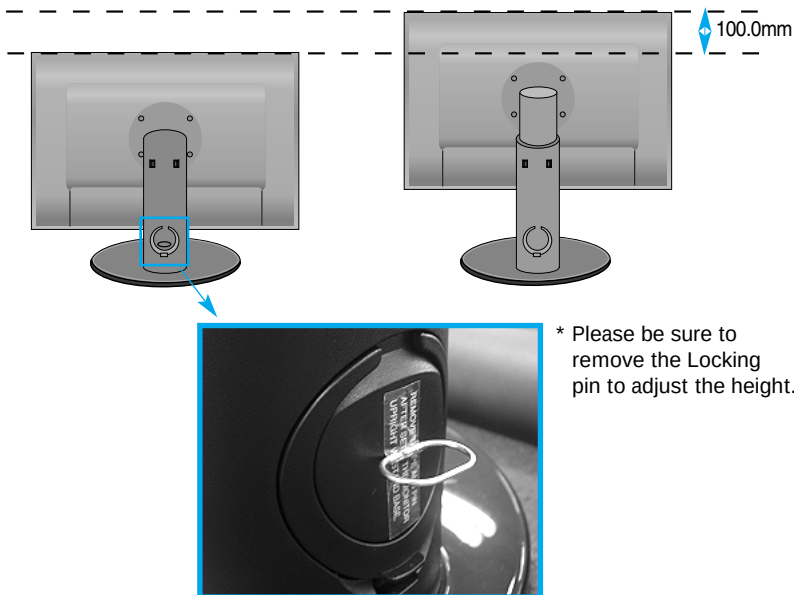
1. Adjust the position of the panel in various ways for maximum comfort.

■ Tilt Range : -5° ~ 20°

■ Swivel Range : 350°



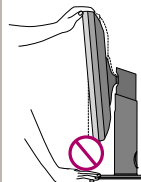
■ Height Range : maximum 3.94 inch (100.0mm)



* Please be sure to remove the Locking pin to adjust the height.

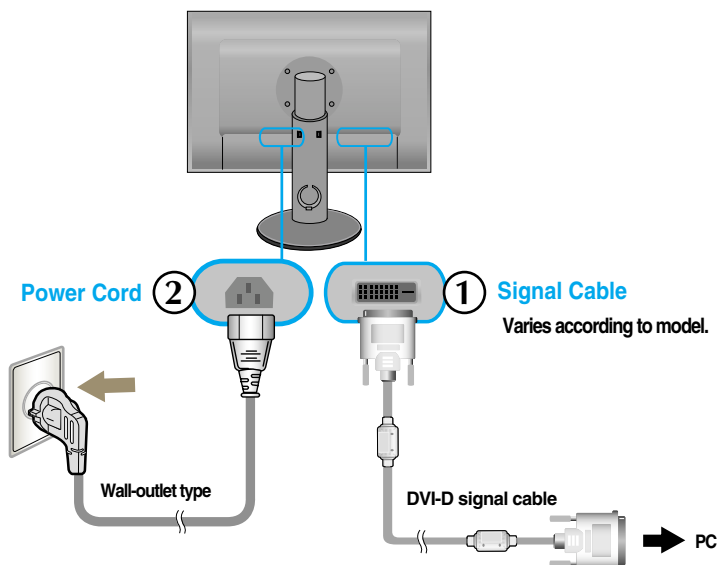
Ergonomic

- You do not need to replace the Locking pin after it is removed, to adjust its height.
- 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.
- 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).



Using the Computer

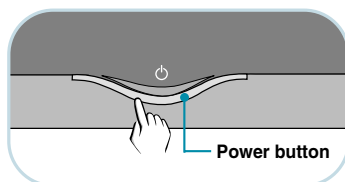
1. First, make sure that the power on the PC, monitor and peripheral equipment are off and then, connect as follows.
2. Connect DVI-D signal cable ①. When attached, tighten the thumbscrews to secure the connection.
3. Insert the power cord ② into the outlet.



NOTE

- This is a simplified representation of the rear view.
- This rear view represents a general model; your display may differ from the view as shown.
- User must use shielded signal interface cables (D-sub 15 pin cable, DVI cable) with ferrite cores to maintain standard compliance for the product.

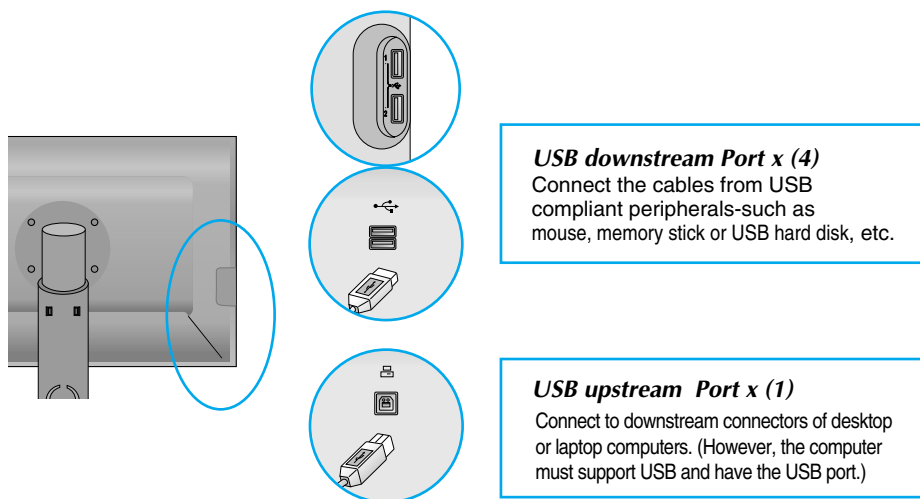
4. Touch the power button on the front of the monitor to turn on the monitor.



Connecting the USB(Universal Serial Bus) Cable

"USB (Universal Serial Bus)" is an innovation in connecting your different desktop peripherals conveniently to your computer. By using the USB, you will be able to connect your mouse, keyboard, and other peripherals to your display instead of having to connect them to your computer. This will give you greater flexibility in setting up your system. USB allows you to connect a chain of up to 120 devices on a single USB port; and you can "hot" plug (attach them while the computer is running) or unplug them while maintaining the Plug and the Plug auto detection and configuration. This display has an integrated BUS-powered USB hub, allowing up to 2 other USB devices to be attached it.

1. Connect the upstream port of the display to the downstream port of the USB compliant PC or another hub using the USB cable. (Computer must have a USB port)
2. Connect the USB compliant peripherals to the downstream ports of the display.



3. The monitor's USB terminal supports USB 2.0 and High Speed cables.

	High Speed	Full Speed	Low Speed
Data Rate	480Mbps	12Mbps	1.5Mbps
Power Consumption	2.5W (Max,each Port)	2.5W (Max,each Port)	2.5W (Max,each Port)

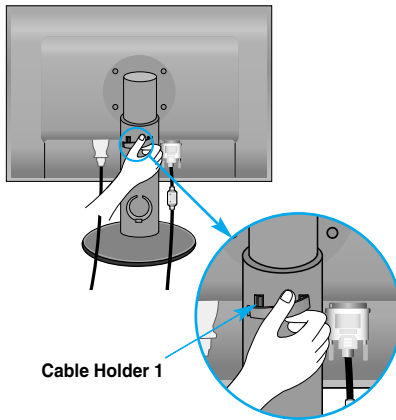
NOTE

- To activate the USB hub function, the display must be connected to a USB compliant PC(OS) or another hub with the USB cable(enclosed).
- When connecting the USB cable, check that the shape of the connector at the cable side matches the shape at the connecting side.
- Even if the display is in a power saving mode, USB compliant devices will function when they are connected the USB ports(both the upstream and downstream) of the display.

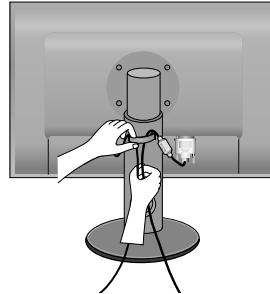
To arrange the cables

Connect the power cord and the signal cable as shown in the figure and then fix them to the cable holders 1 and 2.

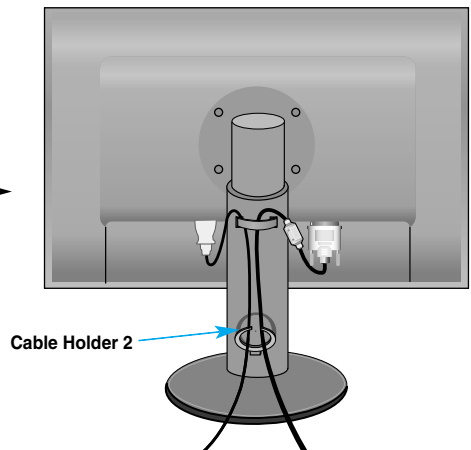
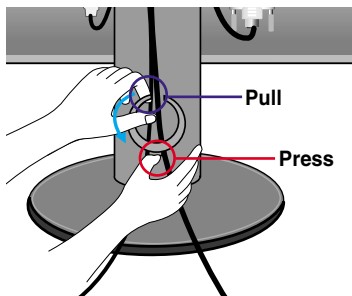
1. Please insert the **cable holder1** into a hole.



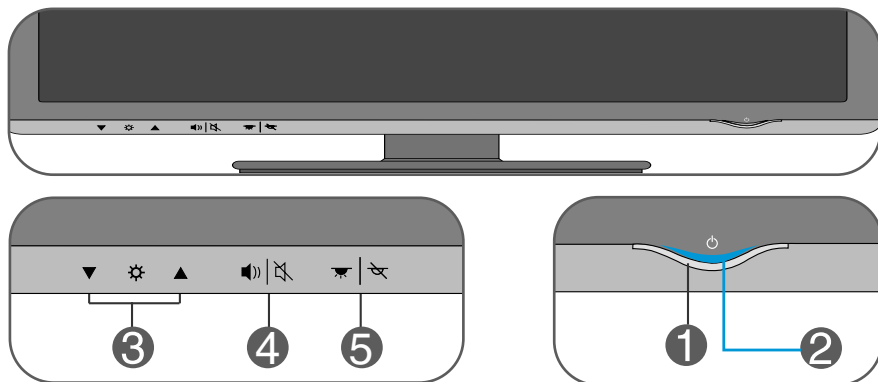
2. Please put the power cord and the signal cable in the cable holder 1.



3. Please put the power cord and the signal cable in the cable holder 2. While pressing the bottom of cable holder 2 with one hand, pull the top of it with the other hand as shown in the picture.



Front Panel Controls



1 Power Button

Touching the button to turn the power on and touch the button again to turn it off.

2 Power Indicator

This Indicator lights up blue when the display operates normally(On Mode). If the display is in Sleep Mode (Energy Saving), this indicator color changes to amber.

3 ▼ ▲ Buttons

- You can adjust monitor brightness to be lighter (▲) or darker (▼). When adjusting brightness, it will beep once when you reach the maximum or minimum level.
- You can turn DFC function on or off by pressing two buttons at the same time for longer than three seconds. When DFC is turned on, the power indicator (blue light) flickers once after the beep. When DFC is turned off, the indicator flickers three times after the beep.
When DFC is on, if the ▼ / ▲ buttons are not pressed at the same time, the brightness control function might be turned on.

***What is DFC (Digital Fine Contrast) Function?** After analyzing input signals, this product makes dark areas on the screen darker, providing greater contrast ratio to viewers.

4 🔊 | 🔇 Buttons

You can turn on or off the alarm ringing when adjusting buttons while the power is on.
Touch any button to check if the sound is on or off. If sound is heard, it means the sound is on. If not, it means the sound is off.

5 🔊 | 🔇 Buttons

You can turn Power Indicator on or off by touching the button lightly while the power is on.

Check the following before calling for service.

No image appears	
● Is the power cord of the display connected?	• Check and see if the power cord is connected properly to the power outlet.
● Is the power on and the power indicator blue or green?	• Adjust the brightness and the contrast.
● Is the power indicator amber?	• If the display is in power saving mode, try moving the mouse or pressing any key on the keyboard to bring up the screen. • Try to turn on the PC.

Important

- Check **Control Panel --> Display --> Settings** and see if the frequency or the resolution were changed. If yes, readjust the video card to the recommend resolution.
- **Reasons for Recommending Optimal Resolution** : The aspect ratio is 16:10. If the input resolution is not 16:10 (for instance, 16:9, 5:4, 4:3), you might encounter problems such as blurred letters, blurry screen, cut-off screen display or tilted screen.
- The setting method can differ by computer and O/S (Operation System), and resolution mentioned above may not be supported by the video card performance. In this case, please ask to the computer or the video card manufacturer.

Display image is incorrect

- | | |
|--|---|
| <ul style="list-style-type: none">● The screen color is mono or abnormal. | <ul style="list-style-type: none">• Check if the signal cable is properly connected and use a screwdriver to fasten if necessary.• Make sure the video card is properly inserted in the slot.• Set the color setting higher than 24 bits (true color) at Control Panel - Settings. |
| <ul style="list-style-type: none">● The screen blinks. | <ul style="list-style-type: none">• Check if the screen is set to interlace mode and if yes, change it to the recommend resolution. |

Have you installed the display driver?

- | | |
|--|---|
| <ul style="list-style-type: none">● Have you installed the display driver? | <ul style="list-style-type: none">• 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. |
| <ul style="list-style-type: none">● Do you see an "Unrecognized monitor, Plug&Play (VESA DDC) monitor found" message? | <ul style="list-style-type: none">• Make sure to check if the video card supports Plug&Play function. |

Specifications

Display	TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel	
	Anti-Glare coating	
	30 inches visible diagonal (75.6228 cm)	
	0.2505 mm pixel pitch	
Sync Input	Horizontal Freq.	98.71kHz (Automatic)
	Vertical Freq.	59.97 Hz (Automatic)
	Input Form	Digital(HDCP)
Video Input	Signal Input	DVI - D connector (Digital)
	Input Form	Digital
Resolution	Max	VESA 2560 x 1600 @ 60 Hz
	Recommend	VESA 2560 x 1600 @ 60 Hz
Plug&Play	DDC 2B	
Power Consumption	On Mode	: 130W(Typ.),140W(USB Full load)
	Sleep Mode	≤ 2 W
	Off Mode	≤ 1 W
Dimensions &Weight	With Stand	
	Width	70.27 cm / 27.67 inches
	Height	52.54 cm / 20.69 inches (Min)
		62.54 cm / 24.62 inches (Max)
	Depth	27.02 cm / 10.64 inches
	Without Stand	
Range	Net	12.3kg (27.12 lbs)
	Tilt	-5° ~20°
	Swivel	350°
	Height	100 mm / 3.94 inches
Power Input	AC 100-240V~ 50/60Hz 1.5A	
Environmental Conditions	Operating Conditions	
	Temperature	10°C to 35 °C
	Humidity	10 % to 80 % non-Condensing
	Storage Conditions	
	Temperature	-20°C to 60 °C
	Humidity	5 % to 90 % non-Condensing

Stand Base	Attached (), Detached (O)	
Power cord	Wall-outlet type or PC-outlet type	
USB	Standard	USB 2.0, Self-Power
	Data Rate	Max 480 Mbps
	Power Consumption	Max 2.5W x 4

NOTE

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

Preset Modes (Resolution)

Display Modes (Resolution)		Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	1280 x 800	49.310	60
*2	2560 x 1600	98.713	60

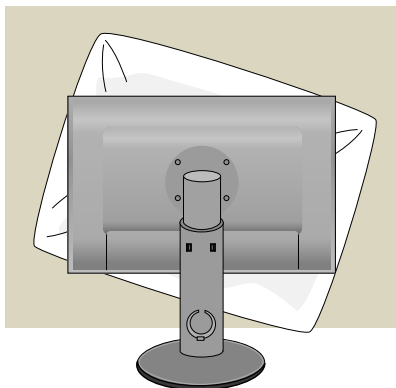
*Recommend Mode

Indicator

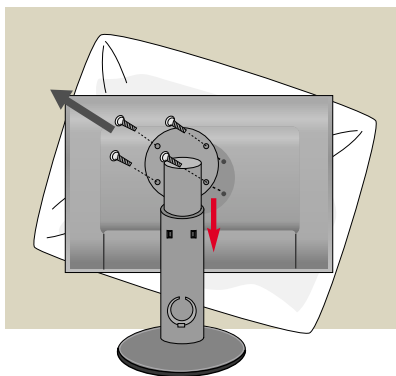
MODE	LED Color
On Mode	Blue
Sleep Mode	Amber
Off Mode	Off

Installing the Wall mount plate

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

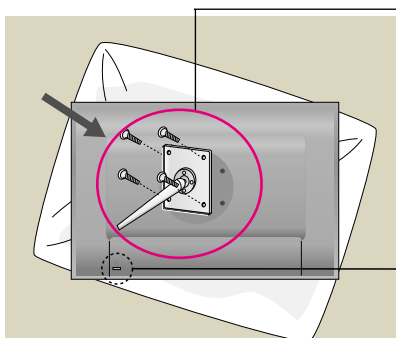


1. After moving the product to face downward, make sure to place it on a soft cloth or a cushion to avoid surface damage.



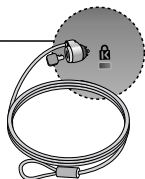
2. Remove the screw by using a screwdriver, and pull the Stand part in the arrow direction. Then the Head and Stand parts are separated.

3. Install the Wall mount plate.



Wall mount plate(Separate purchase)

This is stand-type or wall 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 ■■■■■■■■■■

