User's Guide

L1742PM L1942PM

Make sure to read the **Important 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.



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

Use only the power cord supplied with the unit. In case you use another power cord, make sure that it is certified by the applicable national standards if not being provided by the supplier. If the power cable is faulty in any way, please contact the manufacturer or the nearest authorized repair service provider for a replacement.

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

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.
- Do not drop an object on or apply impact to the product. Do not throw any toys or objects on the product screen.
 It can cause injury to human, problem to product and damage the display.

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.
- When the display is to be left unattended for an extended period of time, unplug it from the wall outlet.
- 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.

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.
- Main power breaker is the power cord and this breaking device must be located at a location where it is easy to operate.

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

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 monitor. This phenomenon occurs to products by other manufacturers as well, and this occurrence is not subject to warranty.

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

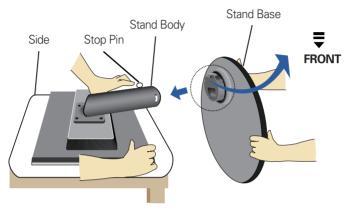
- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.
- Disposal of this product must be carried out in accordance to the regulations of your local authority.

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

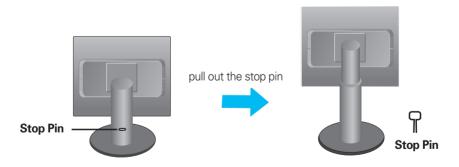
Connecting the stand

- 1. Place the monitor with its front facing downward on a cushion or soft cloth.
- 2. Assemble the Stand Base into the Stand Body.

Be sure don't pull out the Stop Pin and make the Stand Base direction as shown.



- 3. Make the monitor stand , then pull out the Stop Pin.
- *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.



Important

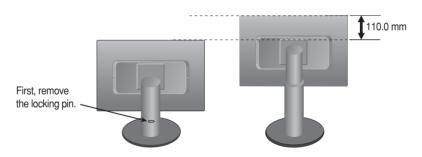
- This illustration depicts the general model of connection. Your monitor may differ from the items shown in the picture.
- Do not carry the product upside down holding only the stand base. The product may fall and get damaged or injure your foot.

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: -6°~17° Swivel: 356°
 - Height Range: maximum 4.33 inch (110.0 mm)



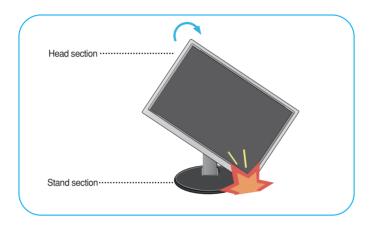
Ergonomic

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.

Using the Pivot function

- **1.** Lift the monitor to its highest height to utilize the Pivot function.
- 2. Landscape & Portrait : You can rotate the panel 90° clockwise.

Please be cautious and avoid contact between the monitor head and the Stand Base when rotating the screen to access the Pivot function. If the monitor head touches the Stand Base, then the Stand Base could crack.



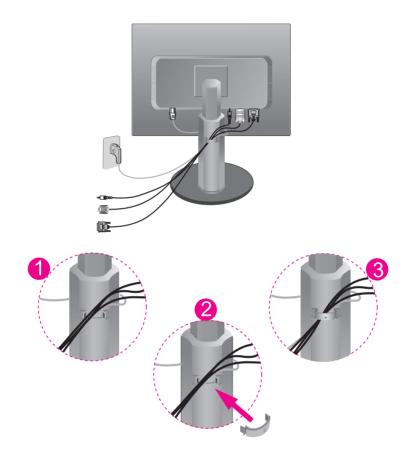
3. For detailed information, please refer to the Pivot Software CD provided.



• 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

Using the cable holder



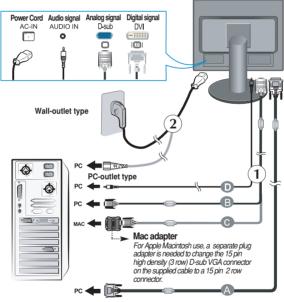
If you want to use the cable holder to let your cables together, please put them through right as shown. For if you don't do like that, you cannot use Pivot function smoothly.

Using the Computer

- 1. Make sure to turn off the computer and product. Connect the cable as below sketch map form 1 to 2.
- A Connect DVI Cable
- B Connect Dsub Cable (PC)
- Connect Dsub Cable (Mac)
- Connect Audio Cable

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.



DVI-D (This feature is not available in all countries.)

2. Press U button on the front switch panel to turn the power on. When monitor power is turned on, the 'Self Image Setting Function' is executed automatically. (Only Analog Mode)

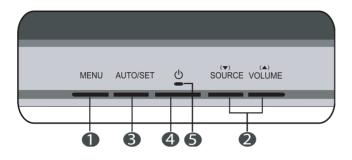
PROCESSING SELF

NOTE

* Self Image Setting Function'? This 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.

AUTO/SET' Function? When you encounter problems such as blurry screen, blurred letters, screen flicker or tilted screen while using the device or after changing screen resolution, press the AUTO/SET function button to improve resolution.

Front Panel Controls



Control	Function
MENU Button	Use this button to enter or exit from the On Screen Display.
	OSD LOCKED/UNLOCKED
OSD LOCKED	This function allows you to lock the current control settings, so that these settings are not inadvertently changed. To lock the OSD settings, press and hold the MENU button for several seconds. The message " OSD LOCKED " appears.
	You can unlock the OSD settings at any time by pushing the MENU button for several seconds. The message " OSD UNLOCKED " appears.

	Control	Function		
2	▼ ▲ Buttons	Use these buttons to select or adjust functions in the On Screen Display.		
	▼ SOURCE	Use this button to make D-Sub or DVI connector active. This feature is used when two computers are connected to the display. The default setting is D-Sub.		
	VOLUME	Use these buttons to select or adjust functions in the On Screen Display.		
		Use V buttons to decrease or increase the speaker volume.		
		4 : 5 0		
8	AUTO/SET Button	Use this button to select an icon in the On Screen Display.		
		AUTO IMAGE ADJUSTMENT When adjusting your display settings, always press the AUTO/SET button prior to 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).		
	PROCESSING AUTO IMAGE ADJUSTMENT	The best display mode is: 17 inch: 1280x1024 19 inch: 1280x1024		
4	Power Button	Use this button to turn the display on or off.		
6	Power Indicator	This Indicator lights up as blue when the display is operating normally(On Mode). If the display is in Sleep Mode (Energy Saving), this indicator changes to flicker.		

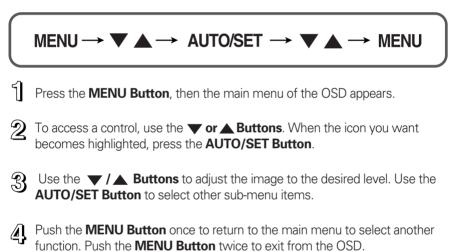
Screen Adjustment

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:



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

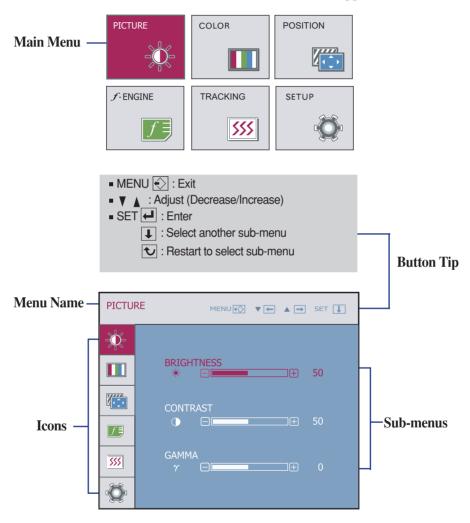
Main menu	Sub-menu		Α	D	Reference
	BRIGHTNESS		٠		
PICTURE	CONTRAST				To adjust the brightness, contrast and gamma of the screen
	GAMMA				and gamma of the screen
		sRGB			
	PRESET	6500K			
COLOR		9300K			To customize the color of the
	RED				screen
	GREEN				
	BLUE				
POSITION	HORIZONTA	L			To adjust the position of the
FOSITION	VERTICAL				screen
	CLOCK				To improve the electity and stability
TRACKING	PHASE				To improve the clarity and stability of the screen
	SHARPNESS				
	LANGUAGE				
	OSD	HORIZONTAL			
	POSITION	VERTICAL			
SETUP	WHITE BALA	NCE			To customize the screen status for
	MUTE				a user's operating environment
	DDC/CI				
	POWER IND				
	FACTORY R	ESET			
	MOVIE				
FLATRON	INTERNET				To select or customize desired
F-ENGINE	USER				image settings
	NORMAL				
	DEMO				
		A :	Anal	istable log Input	
			D :	Digi	tal Input

NOTE

The order of icons may differ depending on the model (A11~A17).

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.



NOTE

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

Main menu	Sub menu	Description
PICTURE PICTURE		
PICTURE MENU 🕢 V 🖬 🔺 SET 📘	BRIGHTNESS	To adjust the brightness of the screen.
Image: BRIGHTNESS ⊕ 50	CONTRAST	To adjust the contrast of the screen.
ζάλι contrast 50 Σ GAMMA 0 γ Ξ 0	GAMMA	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.
• MENU : Exit		

- Decrease
- Increase
- SET : Select another sub-menu



Main menu	Sub menu	Description
POSITION POSITION		
POSITION MENUR TO AN SET 4	HORIZONTAL	To move image left and right.
*	VERTICAL	To move image up and down.
HORIZONTAL		
VERTICAL 50		

- MENU : Exit
- ▼ : Decrease
- Increase
- SET : Select another sub-menu



∫•ENGINE

J: ENG	INE MENURO V 🗲	🔺 🔿 SET 🗼
*	✓ ENGINE ►	NORMAL
	BRIGHTNESS	
		⊕ 1
555		€ 2
٠.		▶ NO

NORMAL This is under normal operating conditions.

- MENU : Exit
- V: Decrease
- Increase
- SET : Select another sub-menu

Main menu	Sub m	nenu Description
J-ENGINE		
FENCINE MENUICIPAL SET Image: set of the	USER	You can manually adjust brightness, ACE or RCM. You can save or restore the adjusted value even when using a different environment.
 MENU : Exit V : Decrease A : Increase SET : Select another sub-meters 	enu	Select the SWE sub-menu using the AUTO/SET
FENGINE MENUR TH A SET		button and save the YES value using the v , buttons .
** MOVIE BRIGHTNESS 50 ACE 1 IL 1 IX 2 XAE NO		This feature lets you easily select the best desired image condition optimized to the environment (ambient illumination, image types etc).
FENGINE MENUR THE SET		MOVIE : For animation images in videos or movies
* >* INTERNET BRIGHTNESS * 50		INTERNET : For text images (Word processing etc.)
ACE I IL I III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	DEMO	This is just for advertising to customer in the shops. It's setting is same with Movie mode and screen is divided by half.
FENGINE MENU TO A SET T		
President Demo BRIGHTINESS 50 Are 50		
ACE 1 RCM 2 SAVE NO		



Main menu	Sub menu	Description
TRACKING VE A G SET I	CLOCK	To minimize any vertical bars or stripes visible on the screen background. The horizontal screen size will also change.
PHASE Image: Strate Phase	PHASE	To adjust the focus of the display. This item allows you to remove any horizontal noise and clear or sharpen the image of characters.
 MENU : Exit Y : Decrease X : Increase SET : Select another sub-mediate 	SHARPNESS	To adjust the clearness of the screen.

Main menu	Sub menu	Description
SETUP SETUP	LANGUAGE	To choose the language in which the control names are displayed.
SETUP MEXICO VE A SET I	osd Position	To adjust position of the OSD window on the screen.
HORIZONTAL 50 VENTICAL 001 WHITE 001 MUTE 001	WHITE BALANCE	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. Activate this function when white and black colors are present in the screen.
Image: Power indicator → on FACTORY RESET → NO	MUTE	Use this function to set the speaker off or on.
AMADOG 1280 × 1024 60H2 MENU : Exit Y : Adjust Adjust	DDC/CI	DDC/CI makes it possible to adjust and setup detailed functions on PC instead of the monitor OSD.
 A : Adjust SET : Select another sub-menu 	POWER INDICATOR	Use this function to set the power indicator on the front side of the monitor to ON or OFF . If you set OFF , it will go off. If you set ON at any time, the power indicator will automatically be turned on.
	FACTORY RESET	Restore all factory default settings except "LANGUAGE." Press the ▼, ▲ buttons to reset immediately

If this does not improve the screen image, restore the factory default settings. If necessary, perform the white balance function again. This function will be enabled only when the input signal is an analog signal.

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 indicator light on?	Press the Power button.	
Is the power on and the power indicator blue or green?	 Adjust the brightness and the contrast. 	
Is the power indicator flicking?	 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. 	
Do you see an "OUT OF RANGE" message on the screen?	• 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.	
Do you see a "CHECK SIGNAL CABLE" message on the screen?	 This message appears when the signal cable between your PC and your display is not connected. Check the signal cable and try again. 	

Do you see a "OSD LOCKED" message on the screen?	
Do you see "OSD LOCKED" when you push MENU button?	• 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 MENU button for several seconds: the message " OSD UNLOCKED " will appear.

Display image is incorrect		
 Display Position is incorrect. 	 Press the AUTO/SET button to automatically adjust your display image to the ideal setting. If the results are unsatisfactory, adjust the image position using the H position and V position icon in the on screen display. 	
 On the screen background, vertical bars or stripes are visible. 	• Press the AUTO/SET button to automatically adjust your display image to the ideal setting. If the results are unsatisfactory, decrease the vertical bars or stripes using the CLOCK icon in the on screen display.	
 Any horizontal noise appearing in any image or characters are not clearly portrayed. 	 Press the AUTO/SET button to automatically adjust your display image to the ideal setting. If the results are unsatisfactory, decrease the horizontal bars using the PHASE icon in the on screen display. Check Control Panel> Display> Settings and adjust the display to the recommended resolution or adjust the display image to the ideal setting. Set the color setting higher than 24 bits (true color). 	

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.
- 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		
 The screen color is mono or abnormal. 	 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. 	
The screen blinks.	 Check if the screen is set to interlace mode and if yes, change it to the recommend resolution. 	

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. 	

Display	17 inches (43.2 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 43.2 cm 0.264 mm pixel pitch		
Sync Input	Horizontal Freq. Vertical Freq. Input Form	Analog : 30 - 8 Digital : 30 - 7 56 - 75 Hz (Au	Positive/Negative
Video Input	Signal Input Input Form	15 pin D-Sub 0 DVI - D connec	
Resolution	Max Recommend	0	1280 x 1024 @75 Hz 1280 x 1024 @60 Hz 1024 @60 Hz
Plug&Play	DDC 2B (Digital), DDC 2AB (Analog)		
Power Consumption	On Mode Sleep Mode Off Mode	: 32 W(Typ. ≤ 1 W ≤ 1 W)
Dimensions &Weight	Height 40.83 cm 51.83 cm	Stand / 14.55 inches / 16.07 inches / 20.41 inches / 9.51 inches 4.07 kg (9.04 ll	Without Stand 36.96 cm / 14.55 inches 31.51 cm / 12.41 inches 5.60 cm / 2.20 inches os)
Tilt Range	Tilt	-6°~17°	
Power Input	AC 100-240V~ 50/60Hz 0.8A		
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)		
Signal cable	Attached(), Detached (O)		
Power cord	Wall-outlet type or	PC-outlet type	

NOTE

Information in this document is subject to change without notice.

Display	19 inches (48.2 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 48.2 cm 0.294 mm pixel pitch		
Sync Input	Horizontal Freq. Vertical Freq. Input Form	Analog : 30 - 8 Digital : 30 - 7 56 - 75 Hz (Au	Positive/Negative
Video Input	Signal Input Input Form	15 pin D-Sub (DVI - D connec RGB Analog ((
Resolution	Max Recommend	•	1280 x 1024 @75 Hz 1280 x 1024 @60 Hz 024 @60 Hz
Plug&Play	DDC 2B (Digital), DDC 2AB (Analog)		
Power Consumption	On Mode Sleep Mode Off Mode	: 36 W(Typ. ≤ 1 W ≤ 1 W	•
Dimensions &Weight	Height 42.27 cm 53.27 cm	3tand / 16.00 inches / 16.64 inches / 20.97 inches / 9.51 inches 4.47 kg (9.93 ll	Without Stand 40.63 cm / 16.00 inches 34.45 cm / 13.56 inches 5.84 cm / 2.30 inches
Tilt Range	Tilt	-6°~17°	/
Power Input	AC 100-240V~ 50/60Hz 0.8A		
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)		
Signal cable	Attached(), Detached (O)		
Power cord	Wall-outlet type or PC-outlet type		

NOTE

Information in this document is subject to change without notice.



Display	y Modes (Resolution)	Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	640 x 350	31.469	70
2	720 x 400	31.468	70
3	640 x 480	31.469	60
4	640 x 480	37.500	75
5	800 x 600	37.879	60
6	800 x 600	46.875	75
7	832 x 624	49.725	75
8	1024 x 768	48.363	60
9	1024 x 768	60.123	75
10	1152 x 870	68.681	75
11	1152 x 900	61.805	65
*12	1280 x 1024	63.981	60
**13	1280 x 1024	79.976	75

Preset Modes (Resolution)

* Recommend Mode ** Only Analog Mode

Indicator

MODE	LED Color
On Mode	blue
Sleep Mode	flicker
Off Mode	Off

Installing the Wall mount plate

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

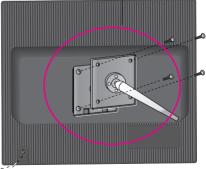
- 1. Place the monitor with its front facing downward on a soft cloth.
- 2. Separate the stand after firstly separating 4 screws by using a driver as figure.



3. Install the Wall mount plate.

Wall mount plate (Separate purchase)

This is stand-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

