

LG L1752S Flat Panel Display User Guide

Home » LG » LG L1752S Flat Panel Display User Guide Ta

Contents

- 1 LG L1752S Flat Panel Display
- 2 User's Guide
- **3 Important Precautions**
- 4 On Safety
- 5 On Installation
- 6 On Cleaning
- 7 Connecting the Display
- 8 Connecting the stand
- 9 Connecting the Display
- 10 Connecting the Display
- 11 Screen Adjustment
- 12 Troubleshooting
- 13 Specifications
- 14 Indicator
- 15 Installing the Wall mount plate
- 16 Documents / Resources
 - 16.1 References
- **17 Related Posts**



LG L1752S Flat Panel Display



Specifications

• Model: L1752S, L1952S

· Power Cord: Supplied with the unit

· Power Supply: Refer to specifications in the manual or consult with your dealer

Ventilation: Display has ventilation openings for heat release

• Resolution: Recommended resolution for best image quality

On Safety

- Use only the supplied power cord or a certified power cord from the applicable national standards.
- If the power cord is faulty, contact the manufacturer or authorized repair service provider for a replacement.
- Ensure that the power outlet is easily accessible after installation.
- Operate the display only from a power source indicated in the manual or listed on the display.
- Overloaded AC outlets, extension cords, frayed power cords, and broken plugs may result in shock or fire hazards. Contact your service technician for replacement.
- Do not open the display as there are no user-serviceable components inside. Contact your dealer for assistance.
- Do not place the display on a sloping shelf unless properly secured. Use only a stand recommended by the manufacturer.

On Installation

- Do not allow anything to rest upon or roll over the power cord to avoid damage.
- Avoid using the display near water sources or in wet environments to prevent potential fire hazards.
- Ensure proper ventilation by not blocking the bottom ventilation slots or covering the openings with cloth or other materials.
- Avoid placing the display near radiators or heat sources.

- Avoid rubbing or striking the Active Matrix LCD to prevent permanent scratches or damage.
- Avoid pressing the LCD screen with your finger for an extended period to prevent afterimages.
- Some dot defects may appear as colored spots on the screen, but they won't impact the display performance.
- Use the recommended resolution for the best image quality. Using other resolutions may result in scaled or processed images on the screen.

FAQ

1. Q: Can I use a different power cord with the display?

A: It is recommended to use only the power cord supplied with the unit or a certified power cord from applicable national standards. If the power cord is faulty, contact the manufacturer or authorized repair service provider for a replacement.

2. Q: Can I open the display to perform repairs?

A: No, there are no user serviceable components inside the display. If the display is not operating properly, contact your dealer for assistance.

3. Q: Can I place the display on a sloping shelf?

A: The display should only be placed on a sloping shelf if properly secured. It is recommended to use a stand recommended by the manufacturer.

4. Q: How should I clean the Active Matrix LCD screen?

A: To clean the screen, use a soft, lint-free cloth and gently wipe the surface. Avoid using any hard objects or abrasive cleaners that may scratch or damage the display.

5. Q: What should I do if I notice dot defects on the screen?

A: Some dot defects may appear as colored spots on the screen, but they will not impact the display performance. No action is required.

User's Guide

- Make sure to read the Important Precautions before using the product.
- Keep the User's Guide(CD) in an accessible place for furture reference.
- See the label attached on the product and give the information to your dealer when you ask for service.

Important Precautions

This unit has been engineered and manufactured to ensure your personal safety, however improper use may result in potential eletrical 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 a 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 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.

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

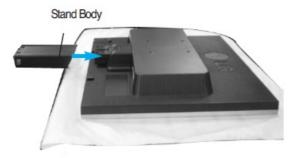
- The fluorescent lamp used in this product contains a small amount of mercury. Do not dispose of this product with general household waste.
- Disposal of this product must be carried out in accordance to the regulations of your local authority.

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

- 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

To remove the Stand

1. Put a cushion or soft cloth on a flat surface.

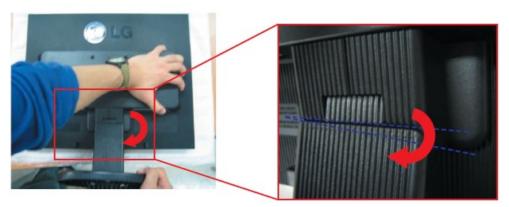




- 2. Place the monitor face down on
- 3. Hold the product as it follows and lift up the Stand slightly.



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. Put the Stand Base on a flat surface and pull up the body of the Stand while holding the Stand Base with the other hand, to remove.





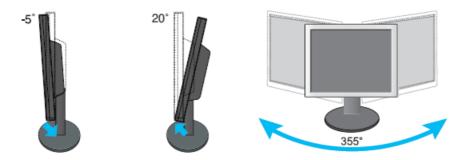
4. The body of the Stand and the Stand Base are successfully separated.

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: 355°
 - (The feature is not available for all countries)



Warning

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

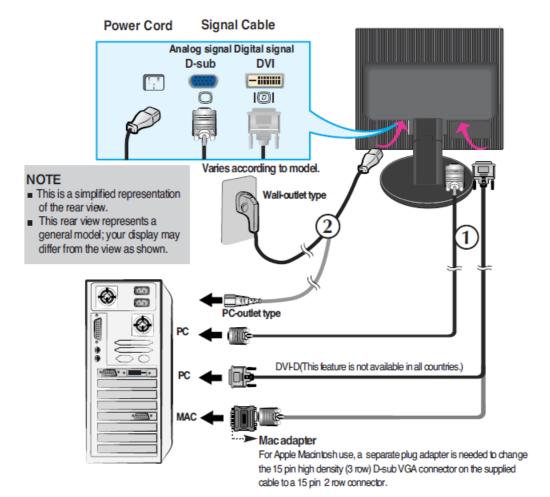


Ergonomic

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.

Using the Computer

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



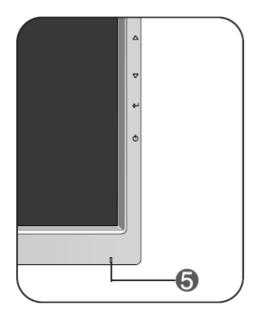
- 4. Press Ubutton on the side switch panel to turn the power on.
- 5. When monitor power is turned on, the 'Self Image Setting Function' is executed automatically.

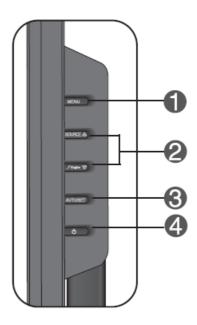
(Only Analog Mode)

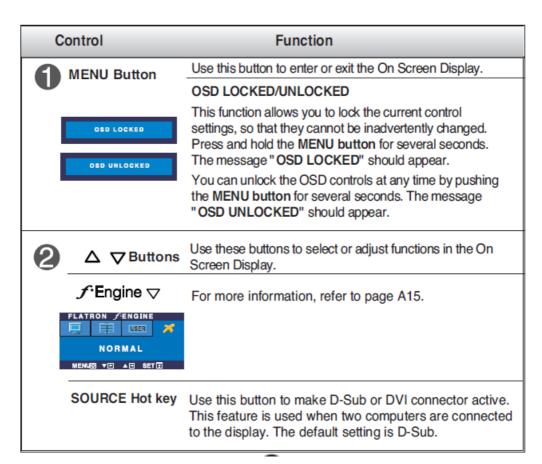
NOTE

'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. 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







Control Panel Functions

Control		Function		
3	AUTO/SET Button	Use this button to enter a selection in the On Screen Display.		
		AUTO IMAGE ADJUSTMENT When adjusting your display settings, always press the AUTO/SET 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		
	PROCESSING AUTO	17 inch monitor : 1280 x 1024 19 inch monitor : 1280 x 1024		
4	Power Button	Use this button to turn the display on or off.		
6	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.		

On Screen Display (OSD) Control Adjustment

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:

$$\left(\mathsf{MENU} \! \to \! \triangle \nabla \to \mathsf{AUTO/SET} \ \to \! \triangle \nabla \to \mathsf{MENU} \right)$$

- 1. Press the MENU Button, then the main menu of the OSD appears.
- 2. To access a control, use the \triangle or ∇ Buttons. When the icon you want becomes highlighted, press the AUTO/SET Button.
- 3. Use the \triangle or ∇ Buttons to adjust the image to the desired level. Use the AUTO/SET Button to select other submenu items.
- 4. Push the MENU Button once to return to the main menu to select another function. Push the MENU Button

twice to exit from the OSD.

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

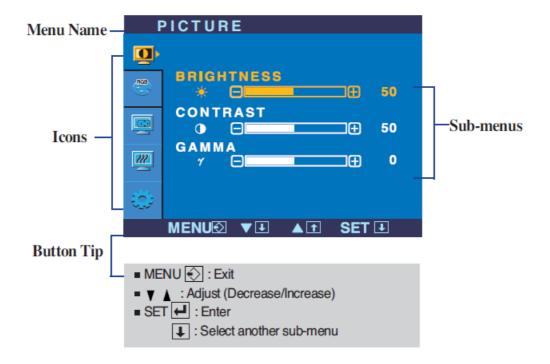
Main menu	Sub-menu		Α	D	Reference
PICTURE	BRIGHTNESS		•		To adjust the brightness,
	CONTRAST		•	•	contrast and gamma of the screen
	GAMMA				Scieen
COLOR	PRESET	sRGB	•	•	To customize the color of
		6500K	•		the screen
		9300K			
	RED		•	•	
	GREEN		•		
	BLUE		•	•	
	HORIZON	TAL	•		To adjust the position of the
POSITION	VERTICAL		•		screen
	CLOCK		•		To improve the clarity and
TRACKING	PHASE		•		stability, sharpness of the screen
	SHARPNESS		•	•	
SETUP	LANGUAGE		•	•	To customize the screen
SETUP	OSD	HORIZONTAL	•	•	status for a user's operating environment
	POSITION	VERTICAL	•	•	enviioninent
	WHITE BALANCE		•		
	POWER INDICATOR		•	•	
	FACTORY RESET				
FLATRON	MOVIE/TEXT		•	•	To select or customize
F-ENGINE	USER		•	•	desired image settings
	NORMAL		•	•	
	: Adjustable				
	A : Analog Input D : Digital Input				
D; Digital input					

NOTE

• The order of icons may differ depending on the model (A11~A15).

On Screen Display(OSD) Selection and Adjustment

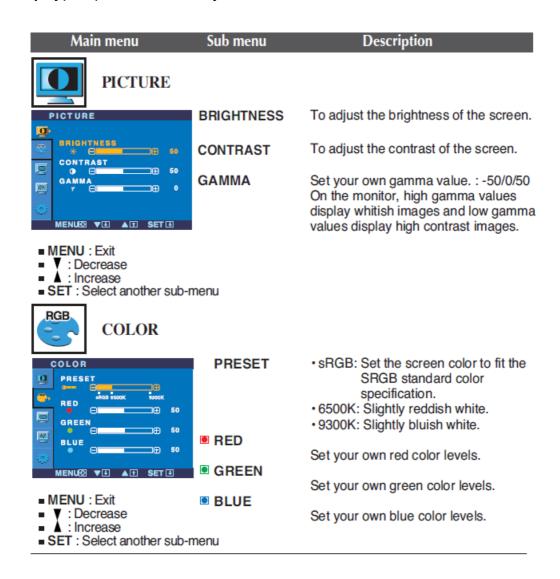
You were introduced to the procedure of selecting and adjusting an item using the OSD system. Listed below are the icons, icon names, and icon descriptions of the all items shown on the Menu. Press the MENU Button, then the main menu of the OSD appears.



NOTE

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

On Screen Display(OSD) Selection and Adjustment

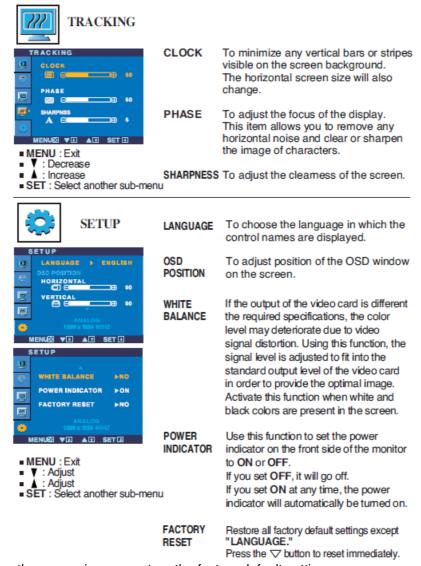




■ MENU : Exit
■ ▼ : Decrease
■ ▲ : Increase

SET : Select another sub-menu

On Screen Display(OSD) Selection and Adjustment



If this does not improve the screen image, restore the factory default settings.

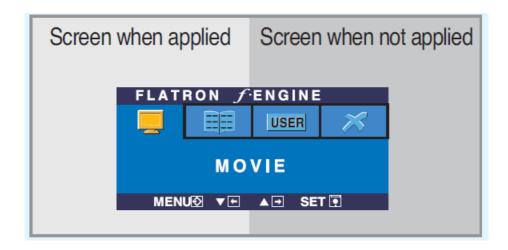
If necessary, perform the white balance function again. This function will be enabled only when the input signal is an analog signal.

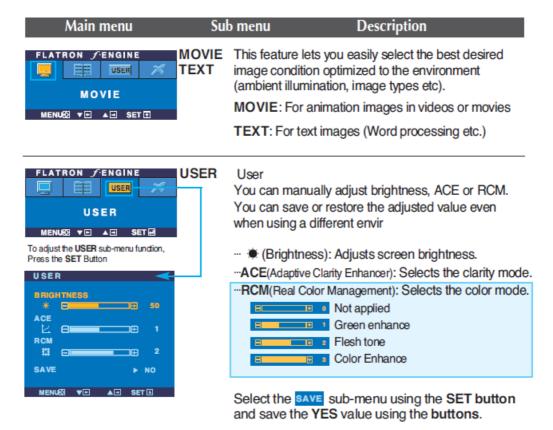
The OSD screen will appear when you touch the button on the right side of the monitor.

FLATRON F-ENGINE

When you execute F-ENGINE, two tones will appear on the screen as shown. The applied screen will appear on the left side, whereas the non-applied screen will appear on the right side. Touch the SET button to use the

adjusted screen.





NORMAL This is under normal operating conditions.

Troubleshooting

Check the following before calling for service.

USER

NORMAL
MENUØ ▼ ■ ■ SET 1

No image appears Is the power cord of the Check and see if the power cord is connected display connected? properly to the power outlet. Is the power indicator Press the Power button. light on? Adjust the brightness and the contrast. Is the power on and the power indicator blue or green? Is the power indicator If the display is in power saving mode, try moving amber? 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 This message appears when the signal from the PC (video card) is out of horizontal or vertical RANGE" message on frequency range of the display. See the the screen? 'Specifications' section of this manual and configure your display again. Do you see a "CHECK This message appears when the signal cable between your PC and your display is not

Do you see a "OSD LOCKED" message on the screen?

SIGNAL CABLE"

message on the

screen?

Do you see a "OSD LOCKED" message on the screen? Do you see "OSD You can secure the current control settings, LOCKED" when you so that they cannot be inadvertently changed. push MENU button? You can unlock the OSD controls at any time by pushing the **MENU** button for several seconds: the message "OSD UNLOCKED" will appear.

connected. Check the signal cable and try again.

- 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.
- 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.
- 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).
- 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.
- Make sure the power voltage is high enough, It has to be higher than AC100-240V 50/60Hz.

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.

Dioplay	17 inches /40 0 cm	a) Flat Danal Act	in a matrix TET LCD				
Display	17 inches (43.2 cm) Flat Panel Active matrix-TFT LCD						
	Anti-Glare coating						
0.264 mm pixel pitch							
O-ma lamed	Horizontal Freq. Analog : 30 - 83 kHz (Automatic)						
Sync Input) - 71 kHz (Autoi					
	Vertical Freq. 56 - 75 Hz (Automatic)						
	Input Form		Separate TTL, Positive/Negative				
			SOG (Sync On Green)				
		Digital	•				
Video Input	Signal Input	15 pin D-Sub C	Connector				
		DVI - D connector (Digital)					
	Input Form	RGB Analog (0).7 Vp-p/ 75 ohm), Digital				
Resolution	Max	Analog : VESA	1280 x 1024 @75 Hz				
		Digital: VESA 1280 x 1024 @60 Hz					
	Recommend	VESA 1280 x 1024 @60 Hz					
Plug&Play	DDC 2B						
Power	On Mode	: 30 W(Typ.)				
Consumption	Sleep Mode	≤ 1 W					
	Off Mode	≤ 1 W					
Dimensions	With S	Stand	Without Stand				
&Weight	Width 36.45 cm	/ 14.35 inches	36.45 cm / 14.35 inches				
	3	/ 14.89 inches	30.50 cm / 12.08 inches				
	Depth 18.00 cm	/ 7.08 inches	5.80 cm / 2.28 inches				
	Net	3.5 kg (7.72 lbs	s)				
Tilt Range	Tilt -5°~20°						
Power Input	AC 100-240V~ 50/60Hz 0.8A						
Environmental	Operating Condition	ons					
Conditions	Temperature	10°C to 35 °C					
	Humidity 10 % to 80 % non-Condensing						
	Storage Condition						
	Temperature -20°C to 60 °C						
	Humidity	5 % to 90 % no	on-Condensing				
Stand Base	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 (48.19 cm) Flat Panel Active matrix-TFT LCD					
	Anti-Glare coating	Anti-Glare coating				
	19 inches viewable 0.294 mm pixel pit					
Sync Input	Horizontal Freq. A	9	1			
	Digital: 30 - 71 kHz (Automatic)					
	Vertical Freq.	tomatic)				
	Input Form		Separate TTL, Positive/Negative			
		SOG (Sync Or	Green)			
		Digital				
Video Input	Signal Input		15 pin D-Sub Connector			
	Innut Farm	DVI - D connector (Digital)				
	Input Form		0.7 Vp-p/75 ohm), Digital			
Resolution	Max	Analog : VESA 1280 x 1024 @75 Hz				
	Recommend	Digital: VESA 1280 x 1024 @60 Hz VESA 1280 x 1024 @60 Hz				
Diver 9 Diver		VESA 1200 X	1024 @00 HZ			
Plug&Play	DDC 2B					
Power	On Mode	: 33 W(Typ	.)			
Consumption	Sleep Mode	≤ 1W				
	Off Mode	≤ 1W	11811			
Dimensions	With S		Without Stand			
&Weight		/15.83 inches	40.20 cm / 15.83 inches			
	3	/ 16.04 inches	33.30 cm / 13.11 inches			
		n / 7.08 inches 5.80 cm / 2.28 inches				
	Net	4.4 kg (9.70 lbs	S)			
Tilt Range	Tilt					
Power Input	AC 100-240V~ 50/	0/60Hz 0.8A				
Environmental Conditions	Operating Condition					
Conditions	Temperature	10°C to 35 °C				
	Humidity 10 % to 80 % non-Condensing					
	Storage Conditions Temperature -20°C to 60°C					
	Humidity					
Stand Base						
	Attached(), Detached (O)					
Power cord	Wall-outlet type or	PC-outlet type				

NOTE

Information in this document is subject to change without notice.

Preset Modes (Resolution

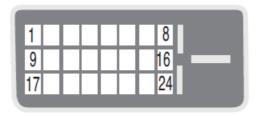
Di	isplay Mode	s (Resolution)	Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	VGA	640 x 350	31.469	70
2	VGA	720 x 400	31.468	70
3	VGA	640 x 480	31.469	60
4	VESA	640 x 480	37.500	75
5	VESA	800 x 600	37.879	60
6	VESA	800 x 600	46.875	75
7	MAC	832 x 624	49.725	75
8	VESA	1024 x 768	48.363	60
9	VESA	1024 x 768	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
- Only Analog Mode

Indicator

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

Signal Connector Pin Assignment



DVI-D Connector

Pin	Signal(DVI-D)		Pin	Signal(DVI-D)
1	T. M. D. S. Data2-	1	6	Hot Plug Detect
2	T. M. D. S. Data2+	1	7	T. M. D. S. Data0-
3	T. M. D. S. Data2/4 Shield	18	8	T. M. D. S. Data0+
4	T. M. D. S. Data4-	1	9	T. M. D. S. Data0/5 Shield
5	T. M. D. S. Data4+	2	0	T. M. D. S. Data5-
6	DDC Clock	2	1	T. M. D. S. Data5+
7	DDC Data	2	2	T. M. D. S. Clock Shield
8	Analog Vertical Sync.	2	3	T. M. D. S. Clock+
9	T. M. D. S. Data1-	2	4	T. M. D. S. Clock-
10	T. M. D. S. Data1+			
11	T. M. D. S. Data1/3 Shield			
12	T. M. D. S. Data3-			
13	T. M. D. S. Data3+			
14	+5V Power			
15	Ground (return for +5V, H. Sync. and V. Sync.)			

T. M. D. S. (Transition Minimized Differential Signaling)

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.



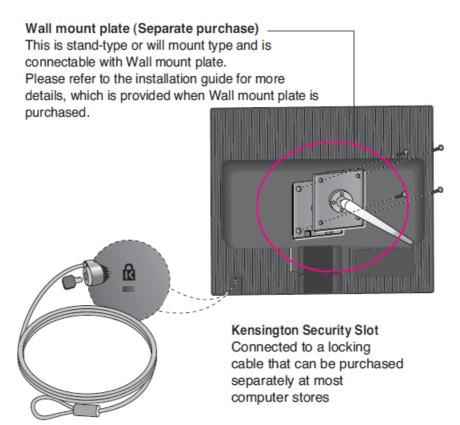
4. Change your hold on the product as it follows and turn the Stand Base in the arrow direction until you hear a "click."



5. Pull out the Stand to remove it.



6. Install the wall mount plate



Digitally yours

Documents / Resources



LG L1752S Flat Panel Display [pdf] User Guide L1752S Flat Panel Display, L1752S, Flat Panel Display, Panel Display, Display

References

- @ LG Electronics & Home Appliances | Shop Now | LG USA
- Manual-Hub.com Free PDF manuals!
- User Manual

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