User's Guide

L1719S/L1719SP L1919S/L1919SP

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.



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 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.

NOTE

• THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTRERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT.SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE

This epuipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and the receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

Connecting the Display

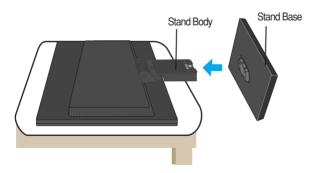
• Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

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.

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.





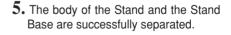
To remove the Stand Base:

Type. A

1. Ensure there are four latches at the bottom of the Stand Base.



- 3. Press the four latches individually toward each end as shown.
- 4. Pull up the body of the Stand while holding the Stand Base with the other hand.







2. Hold the body of the Stand as it follows.



To remove the Stand Base:

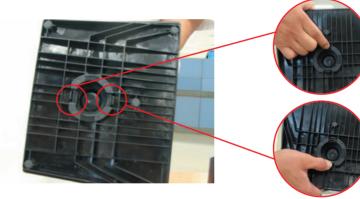
Type. B

1. Ensure there are two latches at the 2.Hold the body of the Stand as it follows. bottom of the Stand Base.





 $\mathbf{3.}$ Press the two latches individually toward each end as shown



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

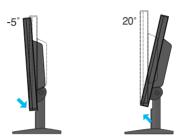




 Before setting up the monitor, ensure that the power to the monitor, the computer system, and other attached devices is turned off.

Positioning your display

- 1. Adjust the position of the panel in various ways for maximum comfort.
 - Tilt Range : -5°~20°



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).

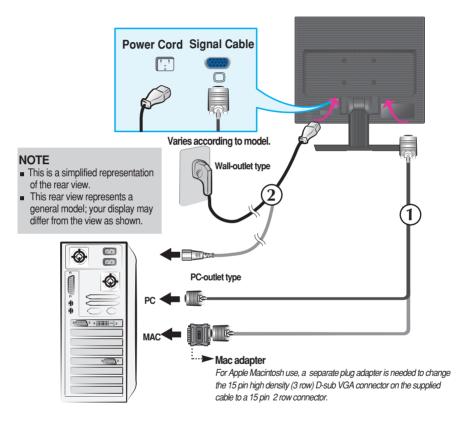


Ergonomic

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.

Using the Computer

- 1. Place the monitor in a convenient, well-ventilated location near your computer.
- **2.** Connect the signal cable. When attached, tighten the thumbs rews to secure the connection. 0
- 3. Connect the power cord into a proper power outlet that is easily accessible and close to the display. (2)



4. Press (U) 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.

(Only Analog Mode)

PROCESSING SELF

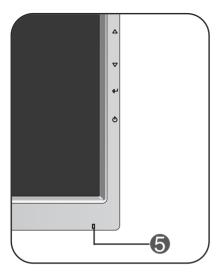
NOTE

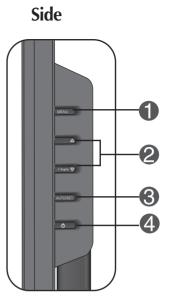
* Self Image Setting Function'? This function provides the user with optimal display settings. When the user connects the monitor for the first time, this function automatically adjusts the display to optimal settings for individual input signals. If you want to adjust the monitor while in use, or wish 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'.



Control Panel Functions

Front Panel Controls





| Control | Function |
|--|--|
| MENU Button | Use this button to enter or exit the On Screen Display. |
| | OSD LOCKED/UNLOCKED |
| OSD LOCKED OSD UNLOCKED | This function allows you to lock the current control settings, so that they cannot be inadvertently changed. Press and hold the MENU button for several seconds. The message ''OSD LOCKED'' should appear. |
| | You can unlock the OSD controls at any time by pushing the MENU button for several seconds. The message "OSD UNLOCKED " should appear. |
| 2 △ ▽ Buttons | Use these buttons to select or adjust functions in the On Screen Display. |
| ► FLATRON JENGINE FLATRON JENGINE NORMAL MENUØ VO AO SET® | For more information, refer to page A16. |
| | |

| C | ontrol | Function |
|---|-------------------------------------|--|
| 3 | AUTO/SET Button | Use this button to enter a selection in the On Screen Display. |
| | PROCESSING AUTO IMAGE ADJUSTMENT | 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 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 green or blue when the display operates normally(On Mode). If the display is in Sleep Mode (Energy Saving), this indicator color changes to amber. |

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:

 $MENU \rightarrow \triangle \bigtriangledown \rightarrow AUTO/SET \rightarrow \triangle \bigtriangledown \rightarrow MENU$

- \int Press the **MENU Button**, then the main menu of the OSD appears.
- 2 To access a control, use the \triangle or \bigtriangledown Buttons. When the icon you want becomes highlighted, press the AUTO/SET Button.
- 3 Use the $\triangle / \bigtriangledown$ Buttons to adjust the image to the desired level. Use the **AUTO/SET Button** to select other sub-menu items.
- 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.



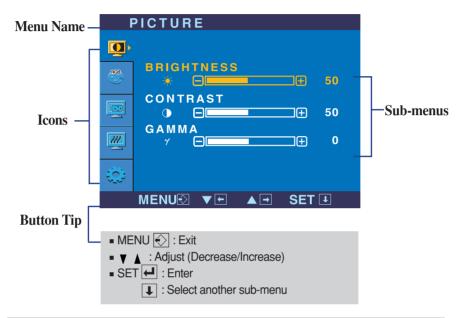
The following table indicates all the On Screen Display control, adjustment, and setting menus.

| PICTURE BRIGHTNESS Image: Contrast and gamma of the screen GAMMA Image: Gamma of the screen Image: Gamma of the screen COLOR Image: SRGB Image: Gamma of the screen COLOR Image: SRGB Image: Gamma of the screen PRESET 6500K Image: Gamma of the screen Image: GREEN Image: Gamma of the screen Image: Gamma of the screen POSITION HORIZONTAL Image: Gamma of the screen POSITION HORIZONTAL Image: Gamma of the screen VERTICAL Image: Gamma of the screen Image: Gamma of the screen TRACKING CLOCK Image: Gamma of the screen Image: Gamma of the screen SETUP LANGUAGE Image: Gamma of the screen Image: Gamma of the screen SETUP LANGUAGE Image: Gamma of the screen Image: Gamma of the screen SETUP LANGUAGE Image: Gamma of the screen Image: Gamma of the screen VINITE BALANCE Image: Gamma of the screen Image: Gamma of the screen VINITE BALANCE Image: Gamma of the screen Image: Gamma of the screen FLATRON MOVIE/TEXT Image: Gamma of the screen <th>Main menu</th> <th colspan="3">Sub menu</th> <th>Reference</th> | Main menu | Sub menu | | | Reference | |
|---|-----------|-------------------|------------|--|--|--|
| CONTRAST Image: screen screen GAMMA Image: screen screen COLOR Image: sRGB Image: screen PRESET 6500K Image: screen PRESET 6500K Image: screen Image: screen Image: screen Image: screen PRESET 6500K Image: screen Image: screen Image: screen Image: screen Image: screen Image: screen Image: screen POSITION HORIZONTAL Image: screen Image: screen POSITION HORIZONTAL Image: screen Image: screen Image: screen Image: screen Image: screen Image: screen Image: screen Image: screen Image: screen | PICTURE | BRIGHTNESS | | | | |
| GAMMA Image: Single stress of the sector | | CONTRA | ST | | 0 | |
| OUTOR OUTOR OUTOR To customize the color of the screen PRESET 6500K 9300K Image: Screen POSITION HORIZONTAL Image: Screen To adjust the position of the screen POSITION HORIZONTAL Image: Screen To adjust the position of the screen TRACKING CLOCK Image: Screen To improve the clarity and stability, sharpness of the screen SETUP LANGUAGE Image: Screen To customize the screen SETUP LANGUAGE Image: Screen To customize the screen VERTICAL Image: Screen To customize the screen Screen SETUP LANGUAGE Image: Screen To customize the screen Screen VHITE BALANCE POWER INDICATOR Image: Screen Screen Screen FLATRON MOVE / TEXT Image: Screen Screen Screen | | GAMMA | | | 3010011 | |
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| RED • GREEN • BLUE • POSITION HORIZONTAL • VERTICAL • To adjust the position of the screen TRACKING CLOCK • PHASE • To improve the clarity and stability, sharpness of the screen SETUP LANGUAGE • OSD HORIZONTAL • POSITION VERTICAL • WHITE BALANCE • To customize the screen status for a user's operating environment POWER INDICATOR • • FLATRON MOVIE/TEXT • | | PRESET | 6500K | | | |
| Image: state of the second state of | | | 9300K | | | |
| BLUE Image: Constraint of the section of the sectin of the section of the section of the sectin | | RED | | | | |
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| OSD HORIZONTAL status for a user's operating environment POSITION VERTICAL environment WHITE BALANCE environment POWER INDICATOR environment FACTORY RESET environment | SETUP | LANGUA | GE | | To customize the screen | |
| WHITE BALANCE POWER INDICATOR FACTORY RESET | | OSD | HORIZONTAL | | | |
| FLATRON MOVIE / TEXT | | POSITION VERTICAL | | | environment | |
| FLATRON MOVIE / TEXT | | WHITE BALANCE | | | | |
| | | POWER INDICATOR | | | | |
| | | FACTORY RESET | | | | |
| | FLATRON | MOVIE/TEXT | | | | |
| F-ENGINE USER I o select or customize desired image settings | F-ENGINE | | | | To select or customize desired image settings | |
| NORMAL | | NORMAL | | | | |
| • : Adjustable | | | | | | |

NOTE

• The order of icons may differ depending on the model (A12~A16).

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.



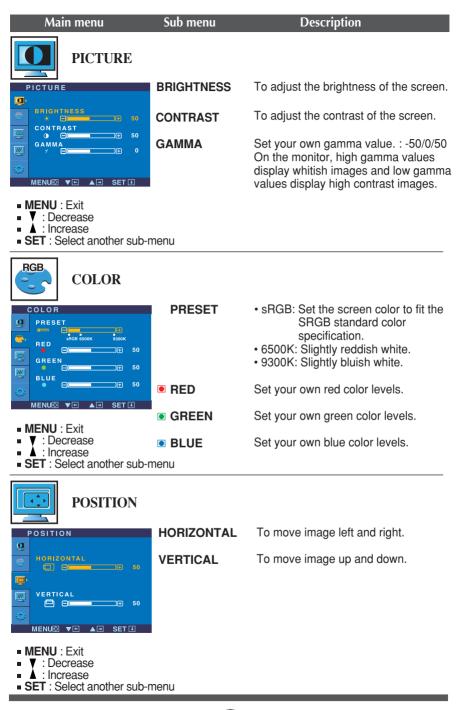
Press the MENU Button, then the main menu of the OSD appears.

NOTE

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



On Screen Display(OSD) Selection and Adjustment



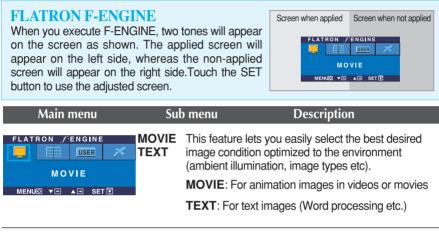
On Screen Display(OSD) Selection and Adjustment

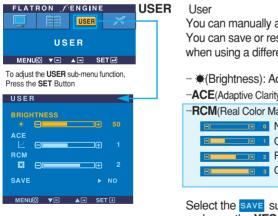
| Main menu | Sub menu | Description |
|--|--------------------|--|
| | | |
| TRACKING CLOCK PHASE | CLOCK | To minimize any vertical bars or stripes visible on the screen background. The horizontal screen size will also change. |
| MENUX V AN SET 1 | PHASE | To adjust the focus of the display. This item allows you to remove any horizontal noise and clear or sharpen the image of characters. |
| V: Decrease A: Increase SET: Select another sub-mer | SHARPNESS | To adjust the clearness of the screen. |
| SETUP | LANGUAGE | To choose the language in which the control names are displayed. |
| CSD POSITION HORIZONTAL 50 | OSD POSITION | To adjust position of the OSD window on the screen. |
| VERTICAL 50 1280 X 1024 60HZ 50 MENU② ▲ SET I SETUP ● ● WHITE BALANCE ► NO POWER INDICATOR ► ON FACTORY RESET ► NO | 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. |
| MENU② ▼● ▲● SET I MENU : Exit ▼ : Adjust ▲ : Adjust SET : Select another sub-ment | 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 → button to reset immediately. |
| If this does not improve the scree | n image restor | e the factory default settings |

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 *f* Engine button on the right side of the monitor.







You can manually adjust brightness, ACE or RCM. You can save or restore the adjusted value even when using a different envir

••• • (Brightness): Adjusts screen brightness.

...ACE(Adaptive Clarity Enhancer): Selects the clarity mode.

...RCM(Real Color Management): Selects the color mode.

| ± 0 | Not applied |
|----------|---------------|
| | Green enhance |
| ± 2 | Flesh tone |
| | |

Color Enhance

Select the **SAVE** sub-menu using the **SET button** and save the **YES** value using the **buttons**.

| FLATRON <i>f</i> engine | NORMAL This is under normal operating conditions. |
|-------------------------|---|
| | |
| | |
| NORMAL | |
| MENUÐ ▼⊡ ▲⊡ SET 🖣 | |

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 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. | | |
| 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. 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. | |

| Display 17 inches (43.2 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating 17 inches viewable 0.264 mm pixel pitch Sync Input Horizontal Freq. 30 - 83 kHz (Automatic) Vertical Freq. 56 - 75 Hz (Automatic) Input Form Separate TTL, SOG (Sync On Green) Video Input Signal Input 15 pin D-Sub Connector Input Form RGB Analog (0.7 Vp-p/ 75 ohm) Resolution Max VESA 1280 x 1024 @75 Hz Power On Mode : 30 W(Typ.) Consumption Sleep Mode ≤ 1 W Off Mode 1 W Off Mode 1 W Off Mode 3.35 kg (7.39 lbs) Tilt Range Tilt -5°-20° Power Input AC 100-240V~ 50/60Hz 0.8A Environmental Operating Conditions Temperature Operating Conditions Temperature 10 % to 80 % non-Condensing Storage Conditions Temperature -20°C to 60 °C Humidity Storage Conditions Temperature -20°C to 60 °C Humidity Storage Conditions Temperature -20°C to 60 °C Storage Conditions Temperature -20°C to 60 °C Humidity 5 % to 90 % non-Condensing | | | | |
|---|---------------|---|---------------------------------|--|
| Vertical Freq.56 - 75 Hz (Automatic)Input FormSeparate TTL, SOG (Sync On Green)Video InputSignal Input15 pin D-Sub ConnectorInput FormRGB Analog (0.7 Vp-p/75 ohm)ResolutionMaxVESA 1280 x 1024 @75 HzRecommendVESA 1280 x 1024 @60 HzPlug&PlayDDC 2BPower ConsumptionOn Mode: 30 W(Typ.)Sleep Mode< 1 W | Display | Anti-Glare coating 17 inches viewable |) | ive matrix-TFT LCD |
| Input FormRGB Analog (0.7 Vp-p/75 ohm)ResolutionMaxVESA 1280 x 1024 @75 HzRecommendVESA 1280 x 1024 @60 HzPlug&PlayDDC 2BPower ConsumptionOn Mode:0 n Mode:30 W(Typ.)Sleep Mode< | Sync Input | Vertical Freq. | 56 - 75 Hz (Au Separate TTL, | tomatic) |
| InterviewNameVESA 1280 x 1024 @60 HzPlug&PlayDDC 2BPower ConsumptionOn Mode: 30 W(Typ.)Sleep Mode \leq 1 WOff Mode \leq 1 WDimensions & WeightWith StandWithout StandWidth36.40 cm / 14.33 inches36.40 cm / 14.33 inchesBightWidth36.40 cm / 14.88 inches30.80 cm / 12.13 inchesDepth18.00 cm / 7.09 inches6.00 cm / 2.36 inchesNet3.35 kg (7.39 lbs)11tTilt-5°-20°Power InputAC 100-240V~ 50/60Hz 0.8AEnvironmental ConditionsOperating Conditions | Video Input | | 1 | |
| Power ConsumptionOn Mode: 30 W(Typ.) Sleep ModeSleep Mode \leq 1 WDimensions & WeightWith StandWithout StandWidth36.40 cm / 14.33 inches36.40 cm / 14.33 inchesWidth36.40 cm / 14.88 inches30.80 cm / 12.13 inchesDepth18.00 cm / 7.09 inches6.00 cm / 2.36 inchesNet3.35 kg (7.39 lbs)Tilt RangeTilt $-5^{\circ} \sim 20^{\circ}$ Power InputAC 100-240V~ 50/60Hz 0.8AEnvironmental Conditions TemperatureOperating Conditions TemperatureStorage Conditions Temperature0% to 80 % non-CondensingStorage Conditions Temperature-20°C to 60°C HumidityStand BaseAttached(), Detached (O)Signal cableAttached(), Detached (O) | Resolution | | | |
| ConsumptionSleep Mode Off Mode \leq 1 WDimensions & WeightWith StandWithout StandWidth36.40 cm / 14.33 inches Height36.40 cm / 14.33 inches 30.80 cm / 14.88 inches 0 peth36.40 cm / 14.33 inches 30.80 cm / 12.13 inches 6.00 cm / 2.36 inchesTiltBaseTilt $-5^{\circ} \sim 20^{\circ}$ Power InputAC 100-240V~ 50/60Hz 0.8AOperating Conditions TemperatureOperating Conditions TemperatureConditionsTemperature 10°C to 35°C HumidityOperating Conditions TemperatureStorage Conditions TemperatureStand BaseAttached(), Detached (O)Attached(O)Signal cableAttached(), Detached (O) | Plug&Play | DDC 2B | | |
| & WeightWidth36.40 cm / 14.33 inches Height36.40 cm / 14.33 inches 30.80 cm / 14.33 inches 30.80 cm / 12.13 inches 30.80 cm / 2.36 inchesWidth36.40 cm / 7.09 inches36.40 cm / 14.33 inches 30.80 cm / 12.13 inches 6.00 cm / 2.36 inchesTilt RangeTilt-5°~20°Power InputAC 100-240V~ 50/60Hz 0.8AEnvironmental ConditionsOperating Conditions Temperature 10°C to 35°C HumidityOperating Conditions Temperature -20°C to 60°C HumidityStand BaseAttached(), Detached (O)Signal cableAttached(), Detached (O) | | Sleep Mode ≤ 1 W | | |
| Height 37.80 cm / 14.88 inches Depth 18.00 cm / 7.09 inches30.80 cm / 12.13 inches 6.00 cm / 2.36 inchesNet3.35 kg (7.39 lbs)Tilt RangeTilt-5°~20°Power InputAC 100-240V~ 50/60Hz 0.8AEnvironmental ConditionsOperating Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-CondensingStorage Conditions Temperature -20°C to 60 °C Humidity 5 % to 90 % non-CondensingStand BaseAttached(), Detached (O)Signal cableAttached(), Detached (O) | Dimensions | With Stand Without Sta | | Without Stand |
| Tilt -5°~20° 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 Attached(), Detached (O) Attached() Signal cable Attached(), Detached (O) | & Weight | Height 37.80 cm Depth 18.00 cm | / 14.88 inches / 7.09 inches | 30.80 cm / 12.13 inches 6.00 cm / 2.36 inches |
| 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 Temperature -20°C to 60 °C Humidity 5 % to 90 % non-Condensing Stand Base Attached(), Detached (O) Signal cable Attached(), Detached (O) | Tilt Dongo | | | |
| Environmental Conditions Operating Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing Storage Conditions Temperature Temperature -20°C to 60 °C Humidity 5 % to 90 % non-Condensing Stand Base Attached(), Detached (O) Signal cable Attached(), Detached (O) | | | | |
| Temperature -20°C to 60 °C Humidity 5 % to 90 % non-Condensing Stand Base Attached(), Detached (O) Signal cable Attached(), Detached (O) | Environmental | Operating Conditions Temperature 10°C to 35 °C Humidity 10 % to 80 % non-Condensing | | |
| Signal cable Attached(), Detached (O) | | Temperature -20°C to 60 °C | | |
| | Stand Base | Attached(), Detached (O) | | |
| Power cord Wall-outlet type or PC-outlet type | 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 (48.19 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating 19 inches viewable 0.294 mm pixel pitch | | | |
|--|---|---|---|--|
| Sync Input | Horizontal Freq. Vertical Freq. Input Form | 30 - 83 kHz (A 56 - 75 Hz (Au Separate TTL, SOG (Sync Or | tomatic) | |
| Video Input | Signal Input Input Form | 15 pin D-Sub (| , | |
| Resolution | Max Recommend | VESA 1280 x VESA 1280 x | | |
| Plug&Play | DDC 2B | DDC 2B | | |
| Power Consumption | On Mode : 34 W(Typ.) Sleep Mode ≤ 1 W Off Mode ≤ 1 W | | | |
| Dimensions | With Stand | | Without Stand | |
| &Weight | Height 41.27 cm Depth 18.02 cm | / 16.46 inches / 16.25 inches / 7.09 inches | 41.80 cm / 16.46 inches 34.30 cm / 13.50 inches 5.92 cm / 2.33 inches | |
| Tilt Dense | Net 4 kg (8.82 lbs) | | | |
| Tilt Range | Tilt -5°~20° AC 100-240V~ 50/60Hz 0.8A | | | |
| Power Input 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 Modes (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 |

Preset Modes (Resolution)

* Recommend Mode

Indicator

| MODE | LED Color | |
|------------|---------------|--|
| On Mode | Green or blue | |
| Sleep Mode | Amber | |
| Off Mode | Off | |



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

 $1.\ensuremath{\,\text{Put}}$ a cushion or soft cloth on a flat surface.



2. Place the monitor face down on the cushion or soft cloth.



 $\mathbf{3}_{{\scriptscriptstyle \bullet}}$ Hold the product as it follows and lift up the Stand slightly.



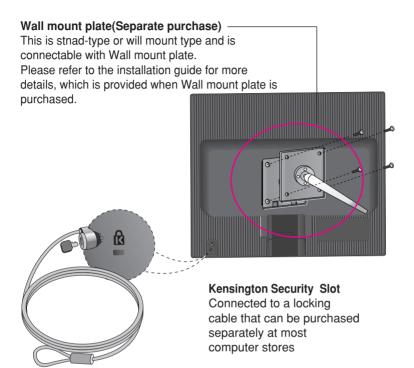
4. Change your hold on the product as it follows and turn the Stand Base in the arrow direction until you hear a "click."



5. Pull out the Stand to remove.



6. Installing the wall mount plate



Digitally yours

