

OWNER'S MANUAL

LG Digital Signage

(MONITOR SIGNAGE)

Please read this manual carefully before operating your set and retain it for future reference.

75XF3C

75XS2C

TABLE OF CONTENTS

SAFETY PRECAUTION3

- Precautions In Installing the Product.....3
- Precautions to the AC Adapter and Electrical Power5
- Precautions In Moving the Product7
- Precautions In Using the Product7
- Mounting on a Wall8

LICENSES.....9

ASSEMBLY AND PREPARATION..... 10

- Optional Accessories.....10
- Parts and Buttons.....11
- Assembling the Memory Cover.....13
- Portrait Layout.....14
- Attaching and removing the LG Logo Bracket.....15
- Installing on a Wall.....17
- Safety and Precaution Guide for Enclosure Installation.....19
- Enclosure Installation Guide20
- Safety and Precaution Guide for Installation.....22

REMOTE CONTROL 23

MAKING CONNECTIONS..... 25

- Connecting to a PC.....25
- External Device Connection.....25
- Connecting Multiple Monitors.....27
- Using the Input List27

TROUBLESHOOTING..... 28

PRODUCT SPECIFICATIONS..... 31

WARNING - This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

SAFETY PRECAUTION

Please read these safety precautions carefully before using the product.

WARNING

If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death.

CAUTION

If you ignore the caution message, you may be slightly injured or the product may be damaged.

Precautions In Installing the Product

WARNING

- Keep away from heat sources like electrical heaters.
 - Electrical shock, fire, malfunction, or deformation may occur.
- 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 or 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 unattended on the pathway.
 - The passerby can trip or fall, which can cause electrical shock, fire, product breakdown, or injury.
- Install the product in a neat and dry place.
 - Dust or moisture can cause electrical shock, fire or product damage.
- If you can smell smoke or other odors or hear a strange sound 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 drop 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 on the product screen.
 - It can cause injury to human, problem to product and damage the display.

- Do not let the product fall or drop when connecting it with an external device.
 - This may cause injury and/or damage to the product.
- When connecting it to a game device, keep a distance of four times the diagonal measurement of the screen from the device.
 - If the product falls because of the short cable, this may cause injury and/or damage to the product.
- Leaving a fixed image on the screen for a long time may cause damage to the screen and cause image burn-in. To use the product for a long period of time, use a screen saver on the PC or utilize the residual image prevention function on the product, and when the product is not used, turn off the power. Burn-in and related problems are not covered by the warranty on this product.
- Do NOT install this product on a wall where there is high risk of exposure to oil fumes or mist.
 - This may damage product and cause it to fail.



CAUTION

- Make sure the product ventilation holes are not blocked. Install the product in a suitably wide place (more than 100 mm 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.
- Do not block the ventilation hole of the product by a tablecloth or curtain.
 - The product can be deformed or fire can break out due to overheating inside the product.
- Install the product on a flat and stable place that has no risk of dropping the product.
 - If the product is dropped, you may be injured or the product may be broken.
- Install the product where no EMI occurs.
- Keep the product away from direct sunlight.
 - The product can be damaged.
- If you install the product in a place that does not meet the recommended conditions, this may cause serious damage to the product's picture quality, life cycle, and appearance. Please check with LG or a qualified installer before installing. This caution applies to a place where there is an abundance of fine dust or oil mist, chemical substances are used, the temperature is very high or low, the humidity is very high, or the product is likely to remain turned on for a long period of time (airport and train station), failure to do so will invalidate the warranty.
- Do not install the product in an area with poor ventilation (e.g. on a bookshelf, in a closet) or outside and avoid placing on cushions or carpets.
- In addition, do not install it where there are heating objects such as lighting equipment.

Precautions to the AC Adapter and Electrical Power

WARNING

- If water or any foreign substance goes inside the product (TV, monitor, power cord, or AC adapter), disconnect the power cord immediately and contact the service center.
 - Otherwise, this may cause a fire or electric shock due to damage to the product.
- Do not touch the power plug or AC adapter with wet hands. If the pins of the plug are wet or dusty, wipe and dry them before use.
 - Otherwise, this may cause a fire or electric shock.
- Make sure to completely insert the power cord into the AC adapter.
 - If loosely connected, the poor connection may cause a fire or electric shock.
- Be sure to use power cords and AC adapters provided or approved by LG Electronics, Inc.
 - The use of non-approved products may cause a fire or electric shock.
- When unplugging the power cord, always pull it by the plug. Do not bend the power cord with excessive force.
 - The power line can be damaged, which may cause electric shock or fire.
- Be careful not to step or place heavy objects (electronic appliances, clothing, etc.) on the power cord or AC adapter. Be careful not to damage the power cord or AC adapter with sharp objects.
 - Damaged power cords may cause a fire or electric shock.
- Never disassemble, repair or modify the power cord or AC adapter.
 - This may cause a fire or electric shock.
- Make sure to connect the power cable to the grounded current.
 - You may be electrocuted or injured.
- Use the rated voltage only.
 - The product can be damaged, or you may be electrocuted.
- 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 strip 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.
 - 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.
- Fix the power cable completely.
 - If the power cable is not fixed completely, a fire can break out.
- Do not insert a conductor (like a metal chopstick) into one end of the power cable while the other end is connected to the input terminal on the wall. Additionally, do not touch the power cable right after plugging into the wall input terminal.
 - You may be electrocuted.
- The appliance coupler is used as the disconnect device.
- Please make sure the device is installed near the wall outlet to which it is connected and that the outlet is easily accessible.
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.

**CAUTION**

- Be sure to keep the outlet, AC adapter, and pins of the power plug clean from dust and etc.
 - This may cause a fire.
- Do not unplug the power cord while the product is in use.
 - Electrical shock can damage the product.
- Use only the power cord supplied with the unit. If you use another power cord, make sure that it is certified by the applicable national standards when not 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.

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.
- 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.
- Make sure the product is turned off, unplugged, and all cables have been removed. It may take 2 or more people to carry larger apparatus. Do not press against or put stress on the front panel of the apparatus.

CAUTION

- Do not shock the product when moving it.
 - You may be electrocuted or the product can be damaged.
- Do not dispose the product-packing box. Use it when you move.

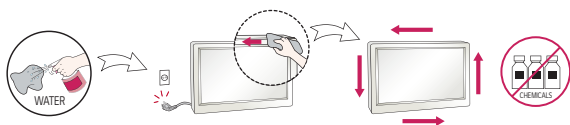
Precautions In Using the Product

WARNING

- Do not disassemble, repair or modify the product at your own discretion.
 - Fire or electric shock accident can occur.
 - Contact the service center for check, calibration or repair.
- When the display is to be left unattended for an extended period of time, unplug it from the wall outlet.
- Keep the product away from water.
 - Fire or electric shock accident can occur.
- Do not shock or scratch the front and sides of the screen with metallic objects.
 - Otherwise, it may cause damage to the screen.
- Avoid high temperatures and humidity.

⚠ CAUTION

- Do not put or store inflammable substances near the product.
 - There is a danger of explosion or fire due to careless handling of the inflammable substances.
- 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.)
- Take a rest from time to time to protect your vision.
- 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 strongly upon the panel with a hand or sharp object such as nail, pencil, or pen, or make a scratch on it.
- Keep the proper distance from the product.
 - Your vision may be impaired if you look at the product too closely.
- Set the appropriate resolution and clock by referring to the User's Guide.
 - Your vision can be impaired.
- Use authorized detergent only when cleaning the product. (Do not use benzene, thinner, or alcohol.)
 - Product can be deformed.
- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).
- Batteries should not be exposed to excessive heat. For example, keep away from direct sunlight, open fireplace, and electric heaters.
- Do NOT place non-rechargeable batteries in charging device.
- Using headsets (earphones) for a long time or listening loudly can cause damage to your hearing.
- Spray water onto a soft cloth 2 to 4 times, and use it to clean the front frame; wipe in one direction only. Too much moisture may cause staining.



- Do not use products using high voltage around the Monitor. (e.g., a bug zapper)
 - Monitor may have malfunction as its electrical shock.

Mounting on a Wall

- Do NOT install this product by yourself as you may injure yourself or cause damage to product. Please contact service personnel authorised by manufacturer.

LICENSES

Supported licenses may differ by model. For more information of the licenses, visit www.lg.com.



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ASSEMBLY AND PREPARATION

CAUTION

- Always use genuine components to ensure safety and product performance.
- The product warranty will not cover damage or injury caused by the use of counterfeit components.

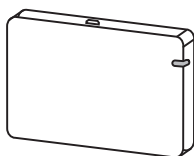
NOTE

- The accessories provided with your product may vary depending on the model or region.
- Product specifications or contents in this manual may be changed without prior notice due to upgrade of product functions.
- SuperSign Software & Manual
 - Downloading from the LG Electronics website.
 - Visit the LG Electronics website (<http://partner.lge.com>) and download the latest software for your model.
- The warranty will not cover any damage caused by using the product in an excessively dusty environment.

Optional Accessories

Without prior notice, optional accessories are subject to change to improve the performance of the product, and new accessories may be added. The illustrations in this manual may differ from the actual product and accessories.

Wi-Fi Dongle kit



AN-WF500

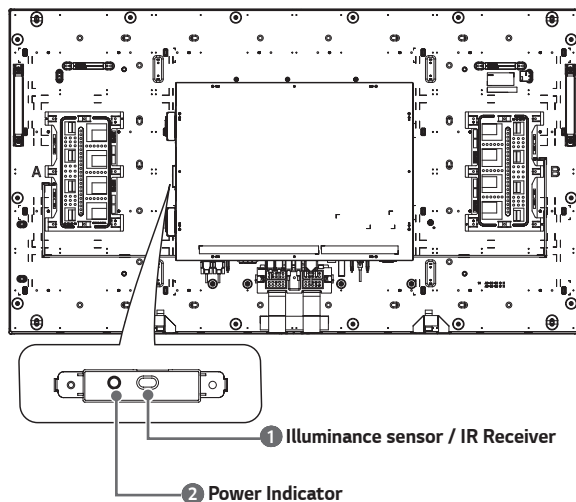
NOTE

- Optional accessories are available for some models. If necessary, please purchase them separately.

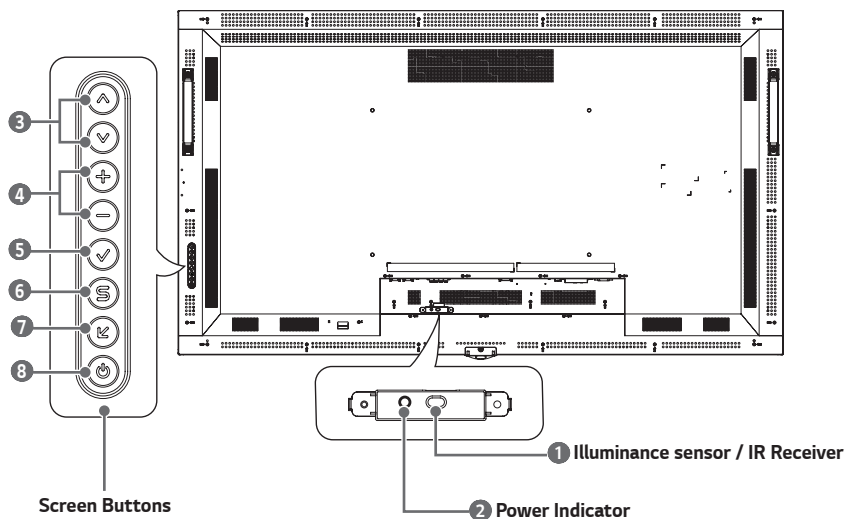
Parts and Buttons

The image may be different according to the model.

75XF3C



75XS2C



- ① **Illuminance sensor:** Adjusts the screen brightness by measuring the amount of light.
IR Receiver: This is where the unit receives signals from the remote control.
- ② **Power Indicator:** This Indicator lights up red when the display operates normally (on mode). If the display is in sleep mode (in Power Saving mode), this indicator changes color to amber.
- ③ Adjusts up and down.
- ④ Moves left and right.
- ⑤ Displays the current signal and mode.
- ⑥ Accesses the main menus, or saves your input and exits the menus.
- ⑦ Change the input signal.
- ⑧ Turns the power on or off.

! NOTE

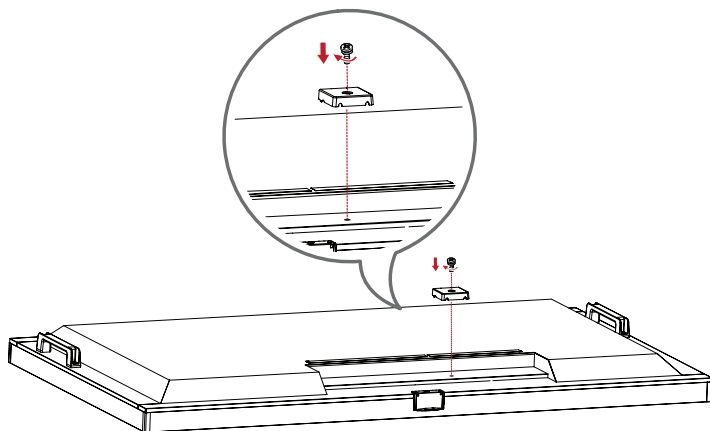
- You can set the status of the power indicator in Installation → Signage Setup.
- You can adjust the volume by using the remote control.

Assembling the Memory Cover

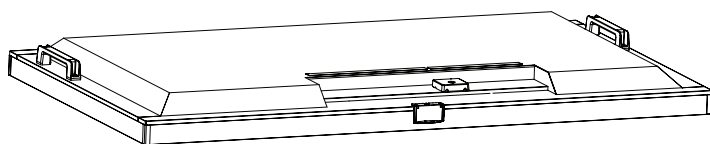
(Only for 75XS2C model)

Assemble the cover with a screw as illustrated to prevent the USB memory from theft.

1

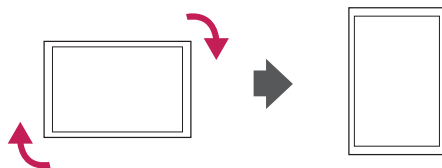


2



Portrait Layout

When installing in a portrait layout, rotate the monitor clockwise 90 degrees (when facing the screen).

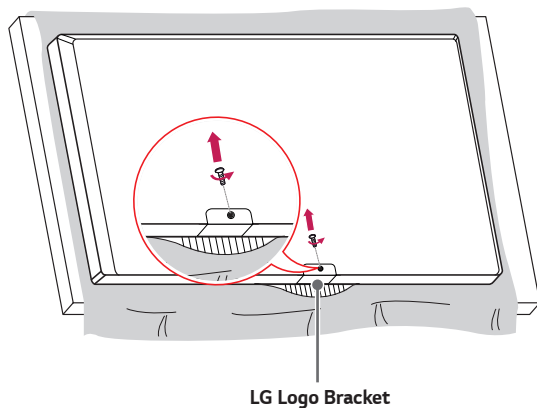


Attaching and removing the LG Logo Bracket

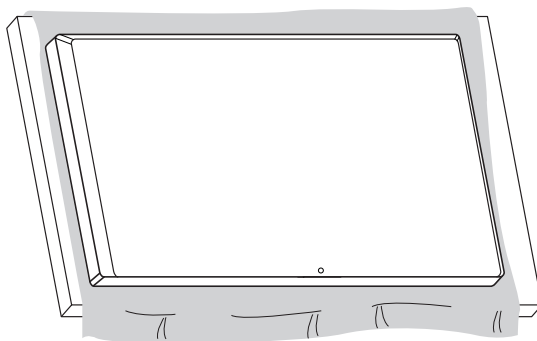
(Only for 75XS2C model)

Removing the LG Logo Bracket

- 1 Lay a clean cloth on the floor, and then put the monitor on it with the screen face down. Using a screwdriver, remove the screw that secures the LG Logo Bracket to the bottom rear of the monitor.

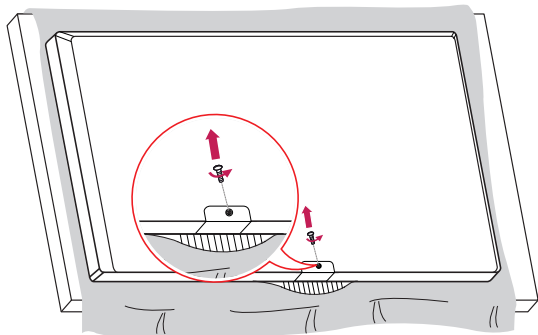


- 2 After removing the screw, remove the LG Logo Bracket. When re-attaching the LG Logo Bracket, repeat the process in reverse order.

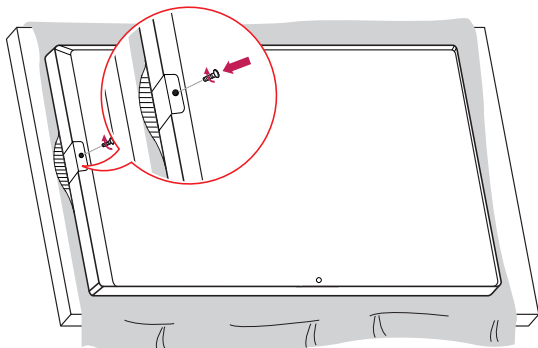


Attaching the LG Logo Bracket on the left side

- 1 Lay a clean cloth on the floor, and then put the monitor on it with the screen face down. Using a screwdriver, remove the screw that secures the LG Logo Bracket to the bottom rear of the monitor.



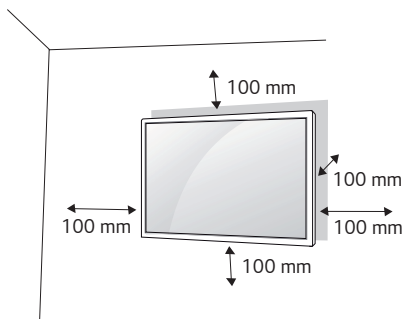
- 2 After removing the screw, remove the LG Logo Bracket. Align with the hole on the left side to attach the LG Logo Bracket with a screw.



Installing on a Wall

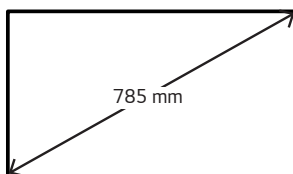
(Only for 75XS2C model)

For proper ventilation, allow a clearance of 100 mm on each side and from the wall. Detailed installation instructions are available from your dealer; see the optional Tilt Wall Mounting Bracket Installation and Setup Guide.



To install your monitor on a wall, attach a wall mounting bracket (optional part) to the back of the monitor. Make sure that the wall mounting bracket is securely fixed to the monitor and to the wall.

- 1 Use only screws and wall mounting brackets that conform to VESA standards.
- 2 Screws which are longer than standard length may damage the inside of the monitor.
- 3 A non-VESA standard screw may damage the product and cause the monitor to fall. LG Electronics is not liable for any accidents related to the use of non-standard screws.
- 4 Please use VESA standard as below.
 - 785 mm and above
 - * Fixing screws: Diameter 8.0 mm x Pitch 1.25 mm x Length 14 mm (75XS2C)



**CAUTION**

- Disconnect the power cord before moving or installing the monitor to avoid risk of electric shock.
- If you install the monitor on a ceiling or slanted wall, it may fall and result in injury. Use an authorized LG wall mount and contact your local dealer or qualified personnel to assist with the installation.
- Do not over tighten the screws as this may damage the monitor and void your warranty.
- Use only screws and wall mounting brackets that meet the VESA standard. Any damage or injuries caused by misuse or use of improper accessories are not covered by the warranty.
- To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions. (This pertains only to Australia and New Zealand.)

**NOTE**

- The wall mount kit includes the installation guide and all necessary parts.
- The wall mounting bracket is optional. You can obtain additional accessories from your local dealer.
- The length of screws required may differ depending on the wall mount. Be sure to use the correct length.
- For more information, please refer to the guide provided with the wall mount.

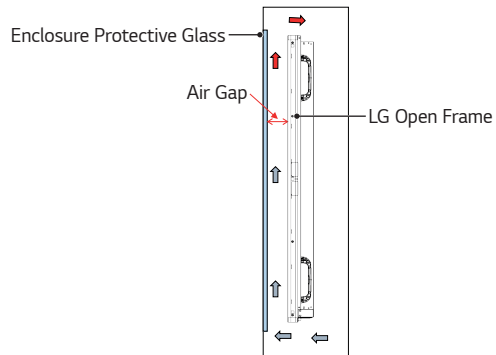
Safety and Precaution Guide for Enclosure Installation

Enclosure Design Guide

- Design the heat dissipation system so that the panel surface temperature does not exceed 75 degrees under direct sunlight in the installation area. **Quality assurance is not provided for failures such as yellowing and black circles that occur when the panel temperature exceeds 75 degrees due to lack of Air Gap 10 mm, not applying UV protection function, and insufficient heat dissipation performance.**
- Observe the following to ensure that the panel surface temperature does not exceed 75 degrees.

Air Gap

- Keep at least 10 mm between the panel and the enclosure protective glass to allow air to flow.



UV Protection

- To prevent heat from direct sunlight, apply UV protection to the enclosure protective glass.

Spectrum (nm)	300 ~ 370	~ 380	~ 390	~ 400
Blocking Rate	> 96 %	> 97 %	> 80 %	> 60 %

Fan Capacity

- Select the fan capacity for sufficient heat dissipation performance. See the total fan capacity required for your model.

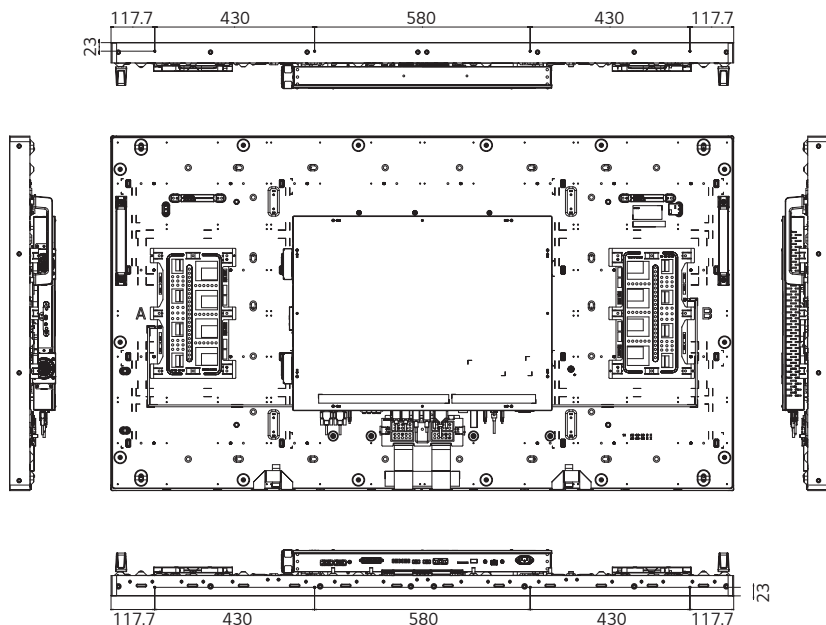
	Total Fan Capacity
Display Front (Panel ~ Enclosure Protective Glass)	440 ~ 520 CFM
Display Back	220 ~ 300 CFM

Enclosure Installation Guide

FIXING THE PANEL SCREW HOLES

(Only for 75XF3C model)

Unit : mm



- Use the side screw holes when mounting the panel.
- Remove the tape when using the side screw holes.
- Side screw hole: M4, Torque - 4 to 5 Kgf (Top and bottom sides: 4 holes for each)
- As the depth of screw hole for the panel module is 10.0 mm, please use the 12.0 mm screws.
- Using a screw longer than 12.0 mm may cause damage to the LCD module.

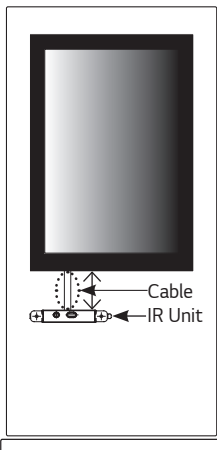
INSTALLING THE IR UNIT, BRIGHTNESS SENSOR, LED, AND Expansion PCB

(Only for 75XF3C model)

<p>Expansion PCB</p> <p>IR Unit</p> <p>Pemnut</p>	<p>Unit : mm</p> <p><IR Unit></p>
<ul style="list-style-type: none"> • If you use pemnut arbitrarily, the product may be damaged. • Remove the label only when using the side mount. Do not remove the label when not using the side mount. 	<ul style="list-style-type: none"> • Remove the cable from the sensor. • Mount the Expansion PCB after removing the sensor.

Enclosure

(Only for 75XF3C model)



- Open the cable holder and pull out the cables.
- Loosen the screws and remove the IR unit.
- Install the IR unit in the enclosure in a distance where the cable can be reached.

Safety and Precaution Guide for Installation

(Only for 75XF3C model)

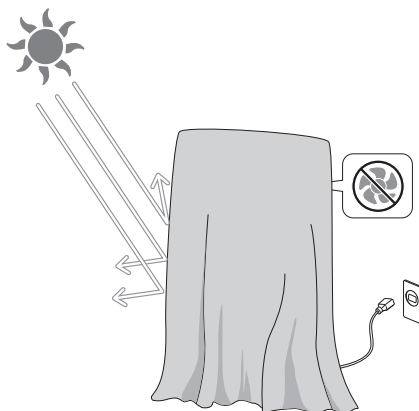
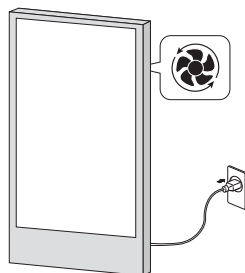
Installing the Enclosure

- Create a cooling system for the enclosure to maintain the operating temperature of the product.
- Ensure that the cooling system of the enclosure is constantly in operation, even when the display is not.
 - This can protect the product against high temperatures.
- Use an enclosure glass with UV-blocking properties.
 - This can prevent faults such as black spots, creases, and yellowing.

Direct Sunlight

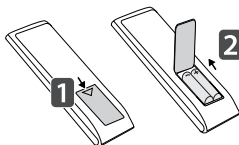
- While powered off, make sure the device is not exposed to direct sunlight for a prolonged period.
 - Protect the display with cloth or a box when storing the device after it has been powered off.
 - This can prevent faults such as black spots, creases, and yellowing.

CAUTION



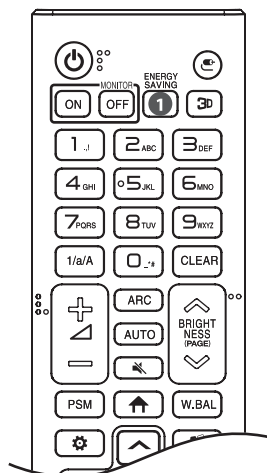
REMOTE CONTROL

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully to use the monitor correctly. To install batteries, open the battery cover, place batteries (1.5 V AAA) matching \oplus and \ominus terminals to the labels inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. The illustrations may differ from the actual accessories.



CAUTION

- Do not mix old and new batteries, as this may damage the remote control.
- Be sure to point the remote control toward the remote control sensor on the monitor.
- Some features of the remote control may not be supported in certain models.



⏻ (POWER) Turns the monitor on or off.

MONITOR ON Turns the monitor on.

MONITOR OFF Turns the monitor off.

⚡ (ENERGY SAVING) Adjusts the brightness of the picture to reduce energy consumption.

📺 (INPUT) Selects the input mode.

3D Used for viewing 3D videos.

1/a/A Toggles between numerical and alphabetical.

Number and Alphabet buttons

Enters numerical or alphabetical characters depending upon the setting.

CLEAR Deletes the entered numerical or alphabetical character.

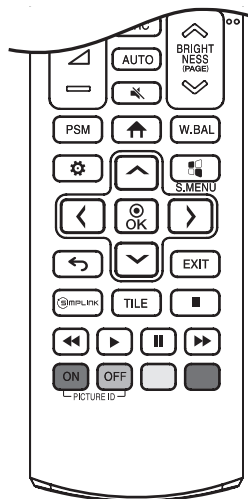
Volume Up/Down Button Adjusts the volume.

ARC Selects the Aspect Ratio mode.

AUTO Automatically adjusts picture position and minimizes image instability (available for RGB input only).

🔇 (MUTE) Mutes all sounds.

BRIGHTNESS Adjusts the brightness of the display. PAGE function is not supported in this model.



PSM Selects the Picture Mode.

↑ (HOME) Activates the Launcher.

W.BAL Enters the White Balance menu.

⚙️ (SETTINGS) Accesses the main menus or saves your input and exit menus.

■ S.MENU SuperSign menu key.

Navigation Buttons Scrolls through menus or options.

OK Selects menus or options and confirms your input.

↶ (BACK) Allows you to move back one step in the user interaction function.

EXIT Quit all OSD tasks and applications.

Ⓢ SIMPLINK Allows you to control various multimedia devices to enjoy multimedia simply by using the remote control through the SimpLink menu.

TILE Selects the TILE Mode.

PICTURE ID ON/OFF When the Picture ID number matches the Set ID number, you can control whichever monitor you want in multi-display format.

USB Menu Control Buttons Controls media playback.

MAKING CONNECTIONS

You can connect various external devices to your monitor. Change the input mode and select the external device you want to connect.

For more information about external device connections, see the user manual provided with each device.

Connecting to a PC

Some of the cables are not provided.

This monitor supports the Plug and Play* feature.

* Plug and Play: a feature that enables a PC to recognize devices attached by the user without device configuration or user intervention when powering up.

External Device Connection

Connect a HD receiver, DVD, or VCR player to the monitor and select an appropriate input mode.

Some of the cables are not provided. For the best picture and sound quality, connecting external devices to your monitor using HDMI cables is recommended.

! NOTE

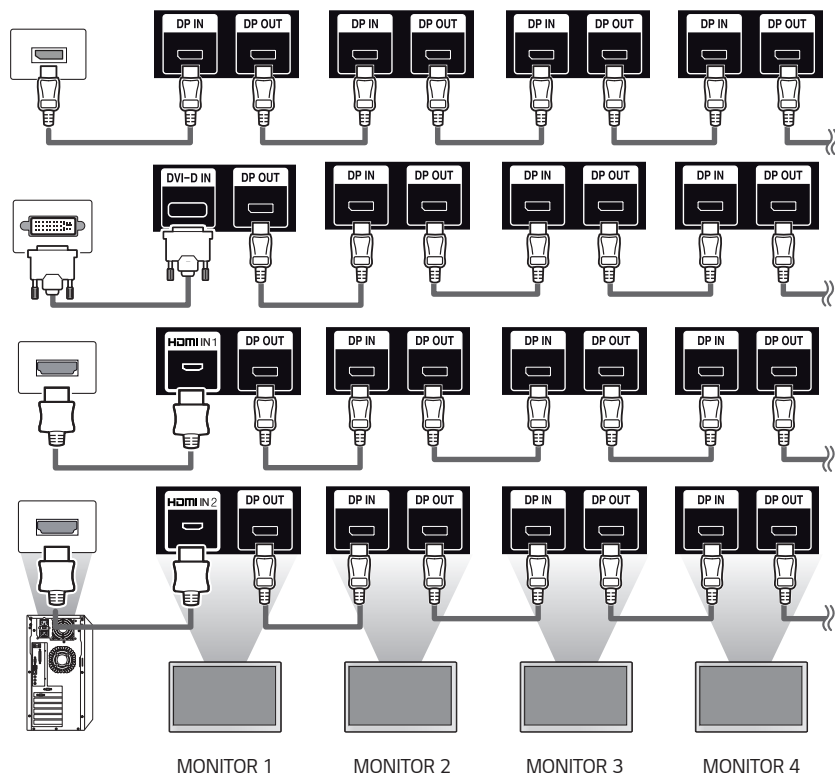
- For the best image quality, using the monitor with HDMI connection is recommended.
- To comply with the standard specifications of the product, use a shielded interface cable with a ferrite core, such as a DVI-D cable.
- If you turn the monitor on when the set is cold, the screen may flicker. This is normal.
- Sometimes red, green, or blue spots may appear on the screen. This is normal.
- Use a High Speed HDMI®/TM cable.
- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI Cable Types
 - High Speed HDMI®/TM Cable
 - High Speed HDMI®/TM Cable with Ethernet
- If you cannot hear any sound in HDMI mode please check your PC settings. Some PCs require you to manually change the default audio output to HDMI.
- If you want to use HDMI-PC mode, you must set your PC/DTV to PC mode.
- You may experience compatibility issues if you use HDMI-PC mode.
- Make sure the power cable is disconnected.
- If you connect a gaming device to the monitor, use the cable provided with the gaming device.
- It is recommended to use the speakers that are provided as optional accessories.
- High Speed HDMI®/TM cables transmit a HD signal up to 1080p and higher.

⚠ CAUTION

- Connect the signal input cable and tighten it by turning the screws clockwise.
- Do not press the screen with your finger for a prolonged period as this may result in temporary distortion on the screen.
- Avoid displaying static images on the screen for a long period of time to prevent image burn. Use a screensaver if possible.
- A wireless communication device near your monitor can affect the image.

Connecting Multiple Monitors

To use different products connected to each other, connect one end of the signal input cable (DP Cable) to the DP Out connector of Monitor 1 and connect the other end to the DP In connector of the other product.



! NOTE

- If you set the tile mode using DVI-D or HDMI, you will not be able to watch HDCP-encrypted content.
- If the signal cable between the product and your PC is too long, make sure to use the Booster or optical cable.
- DP Cable - Use a DP cable that is certified to DP 1.1a standard or higher.

Using the Input List

HOME / →

- HDMI1 → HDMI2 → DISPLAYPORT → DVI-D

TROUBLESHOOTING

No image is displayed.

Problem	Action
Is the product power cord connected?	<ul style="list-style-type: none"> Check if the power cord is correctly plugged into the power outlet.
Does the "Invalid Format" message appear?	<ul style="list-style-type: none"> The signal from the PC (Graphics card) is out of the vertical or horizontal frequency range of the product. Adjust the frequency range by referring to the Specifications in this manual.
Does the "No Signal" message appear?	<ul style="list-style-type: none"> The signal cable between PC and product is not connected. Check the signal cable. Press the INPUT menu in the remote control to check the input signal.

The Unknown Product message appears when the product is connected.

Problem	Action
Did you install the driver?	<ul style="list-style-type: none"> Check if the Plug and Play function is supported by referring to the graphics card user manual.

The screen image looks abnormal.

Problem	Action
Is the screen position wrong?	<ul style="list-style-type: none"> Check if the graphics card resolution and frequency are supported by the product. If the frequency is out of range, set to the recommended resolution in the [Control Panel] → [Display] → [Setting] menu. (The settings may differ depending on your operating system.)
The screen is displayed abnormally.	<ul style="list-style-type: none"> The proper input signal is not connected to the signal port. Connect the signal cable that matches with the source input signal.

After-image appears on the product.

Problem	Action
After-image appears when the product is turned off.	<ul style="list-style-type: none"> • If you use a fixed image for a long time, the pixels may be damaged. Use the screen-saver function. • When a dark image is displayed on the screen after an image with high contrast (black and white or gray), this may cause image sticking. This is normal for LCD screen products.

The audio function does not work.

Problem	Action
No sound?	<ul style="list-style-type: none"> • See if the audio cable is connected properly. • Adjust the volume. • See if the sound is set properly.
Sound is too dull.	<ul style="list-style-type: none"> • Select the appropriate equalizer sound.
Sound is too low.	<ul style="list-style-type: none"> • Adjust the volume.

Screen color is abnormal.

Problem	Action
Screen has poor color resolution (16 colors).	<ul style="list-style-type: none"> • Set the number of colors to more than 24 bits (true color). Select [Control Panel] → [Display] → [Settings] → [Color Table] in Windows. (The settings may differ depending on your operating system.)
Screen color is unstable or mono-colored.	<ul style="list-style-type: none"> • Check the connection status of the signal cable. Or, re-insert the PC graphics card.
Do black spots appear on the screen?	<ul style="list-style-type: none"> • Several pixels (red, green, blue, white, or black color) may appear on the screen, which can be attributable to the unique characteristics of the LCD panel. This is not a malfunction of the LCD.

The operation does not work normally.

Problem	Action
The power suddenly turned off.	<ul style="list-style-type: none"> • Is the Timer set? • Check the power control settings. Power interrupted.

⚠ CAUTION

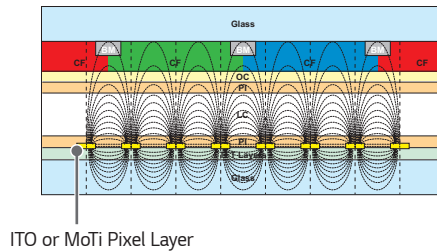
- Image sticking does not occur when using constantly changing images but may occur when using a fixed image for an extended period of time. Therefore, it is recommended that you use the instructions below to decrease the likelihood of image sticking occurring when using a fixed image. It is recommended that you change the screen at least once every 12 hours at the very minimum; if done more frequently, the prevention of image sticking is more effective.

Recommended operating conditions

- 1 Change the background and the character colors using the same time interval.



When changing colors, using complementary colors helps to prevent image sticking.



- 2 Change the image using the same time interval.



Make sure that the characters or images before changing the image remain in the same location after changing the image.

What is image sticking?

When the LCD panel displays a static image for an extended period of time, it can cause a voltage difference between the electrodes that operate the liquid crystals. When the voltage difference between the electrodes builds up over time, liquid crystals have a tendency to remain aligned in one direction. During this process, a previously displayed image remains visible. This phenomenon is referred to as image sticking.

PRODUCT SPECIFICATIONS

The product specifications below may be changed without prior notice due to upgrade of product functions.
“~” refers to alternating current (AC), and “—” refers to direct current (DC).

LCD screen	Screen type	Thin Film Transistor (TFT) Liquid Crystal Display (LCD) Screen
Video signal	Maximum resolution	3840 x 2160 @ 60 Hz - This may not be supported on some OS or graphics card types.
	Recommended resolution	3840 x 2160 @ 60 Hz - This may not be supported on some OS or graphics card types.
	Horizontal frequency	HDMI: 30 kHz to 135 kHz DVI-D / DISPLAYPORT: 30 kHz to 83 kHz
	Vertical frequency	HDMI / DVI-D / DISPLAYPORT: 56 Hz to 60 Hz
	Synchronization	Separate Sync, Digital
Input / Output ports		RS-232C IN/OUT, SPEAKER OUT, HDMI IN 1, HDMI IN 2, DP IN/OUT, DVI-D IN, SD, USB 3.0 IN, AUDIO IN, LAN, PIXEL SENSOR
Embedded battery		Applied

75XF3C		
LCD screen	Pixel pitch	0.429 mm (H) X 0.429 mm (V)
Power	Rated power	AC 100-240 V ~ 50/60 Hz 7.7 A
	Power consumption	On Mode: 750 W (Typ.) Sleep Mode: ≤ 0.5 W Standby Mode: ≤ 0.5 W
Environmental Conditions	Operating Temperature	0 °C to 50 °C (without Direct Sunlight, Direct Sunlight in Cooling System)
	Operating Humidity	0 °C to 40 °C (Direct Sunlight) 10 % to 80 %
	Storage Temperature	-20 °C to 60 °C
	Storage Humidity	5 % to 85 %
Dimensions (Width x Height x Depth) / Weight		1675.2 mm x 953.6 mm x 123.9 mm / 36.7 kg

75XS2C		
LCD screen	Pixel pitch	0.429 mm (H) x 0.429 mm (V)
Power	Rated power	AC 100-240 V ~ 50/60 Hz 6.4 A
	Power consumption	On Mode: 650 W (Typ.) Sleep Mode: ≤ 0.5 W Standby Mode: ≤ 0.5 W
Environmental Conditions	Operating Temperature	0 °C to 40 °C (without Direct Sunlight) 0 °C to 30 °C (Direct Sunlight)
	Operating Humidity	10 % to 80 %
	Storage Temperature	-20 °C to 60 °C
	Storage Humidity	5 % to 85 %
Dimensions (Width x Height x Depth) / Weight		1675.2 mm x 953.6 mm x 116 mm / 43 kg

HDMI / DVI-D / DisplayPort (PC) Support Mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)	
800 x 600	37.879	60.317	
1024 x 768	48.363	60.0	
1280 x 720	44.772	59.855	
1280 x 1024	63.981	60.02	
1680 x 1050	65.290	59.954	
1920 x 1080	67.5	60	
3840 x 2160	67.5	30	Only, HDMI/ DisplayPort
3840 x 2160	135	60	Only, HDMI/ DisplayPort

HDMI / DisplayPort (DTV) mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)
480/60p	31.5	60
576/50p	31.25	50
720/50p	37.5	50
720/60p	45	60
1080/50i	28.1	50
1080/60i	33.75	60
1080/50p	56.25	50
1080/60p	67.5	60
2160/30p	67.5	30
2160/50p	112.5	50
2160/60p	135	60

! NOTE

- Resolutions available for the Input Label option in HDMI/ DVI-D/ DISPLAYPORT input modes.
 - PC resolutions: 1280 x 720 / 60 Hz, 1920 x 1080 / 60 Hz
 - DTV resolutions: 480p, 720p and 1080p
- Vertical frequency: The product display functions by the screen image changing dozens of times every second like a fluorescent lamp. The vertical frequency or refresh rate is the number of image displays per second. The unit is Hz.
- Horizontal frequency: The horizontal interval is the time taken to display one horizontal line. When 1 is divided by the horizontal interval, the number of horizontal lines displayed every second can be tabulated as the horizontal frequency. The unit is kHz.



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

The model and serial numbers of the SET are located on the back and one side of the SET. Record it below should you ever need service.

MODEL _____

SERIAL _____

Temporary noise is normal when powering ON or OFF this device.