



Easy Setup Guide

# LG Digital Signage

(MONITOR SIGNAGE)

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

55LV75A  
55LV77A



\* M F L 6 8 6 0 6 1 0 9 \*

[www.lg.com](http://www.lg.com)

P/NO : MFL68606109 (1806-REV01)

Printed in Korea

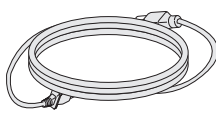
# ASSEMBLING AND PREPARING

## Accessories

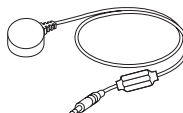
Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product. The illustrations in this manual may differ from the actual product and accessories.



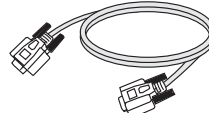
**CD (Owner's Manual) /  
Cards**



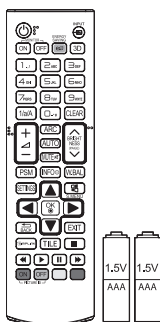
**Power Cord**



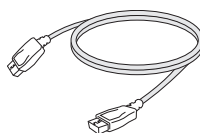
**IR Receiver**



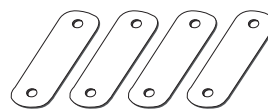
**RS-232C Cable**



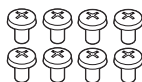
**Remote Control  
and Batteries**



**DP Cable**



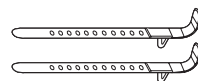
**Tiling Guide(4 ea)**



**M4 x L6  
Screws (8 ea)**



**M6 x L10  
Screws (4 ea)**



**Mounting Cable Tie (2 ea)  
(For Cable Arrangement)**



### CAUTION

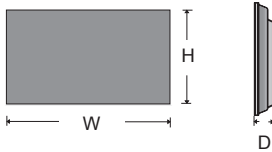
- Do not use any pirated items to ensure the safety and product life span.
- Any damages or injuries by using pirated items are not covered by the warranty.



### NOTE

- The accessories supplied with your product may vary depending on the model.
- Product specifications or contents in this manual may be changed without prior notice due to upgrade of product functions.
- SuperSign SW & Manual
  - Downloading from the LG Electronics website.
  - Visit the LG Electronics website (<http://partner.lge.com>) and download the latest software for your model.

## Dimensions (Width x Height x Depth) / Weight



1213.4 mm x 684.2 mm x 88.5 mm / 23 kg  
(47.7 inches x 26.9 inches x 3.4 inches / 50.7 lbs)

## To View the Owner's Manual

### Insert CD-ROM in Computer.

CD-ROM will open automatically.(for Windows only)

If it does not run automatically, it is available to see the below sequence.

My computer → Digital\_LG(CD-ROM) → Index.htm Open

My computer → Digital\_LG(CD-ROM) → Manual → Owner's Manual Open

## PRECAUTION IN MOVEMENT

- The illustration may look different from the actual product.

Adhere to the warning signs printed on the Box.



Do not Clamp



Do not drop from clamping.



2 Persons needed for transport



Load with care.



Do not drop from stacking.



4 Persons needed for transport



Do not transport horizontally.

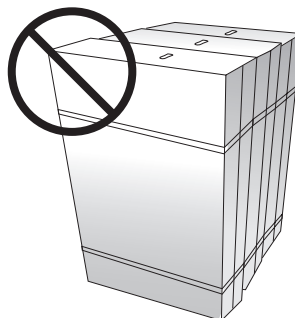


Do not drop from carrying.

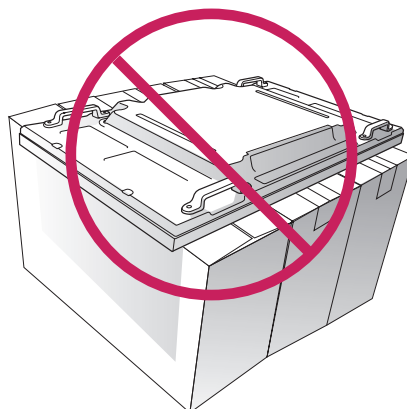


This way up/ Fragile/ Keep away from rain/ Stacking limit 4.

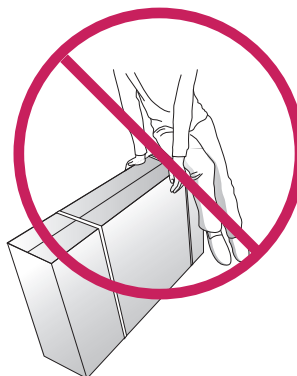
Do not tumble the Set box sideward down.



Do not place the product on the top of a box.

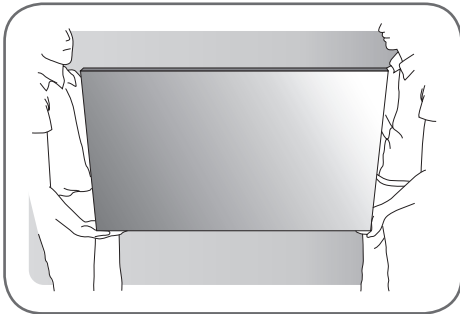
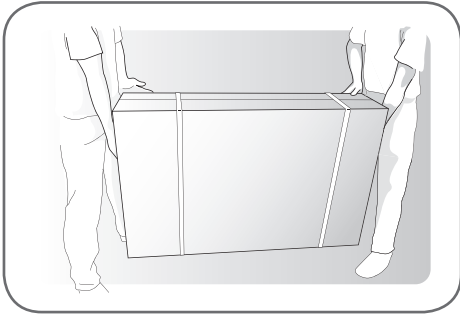


Do not lean on the product.



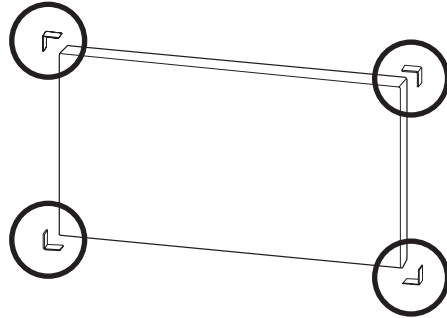
## PRECAUTION IN HANDLING

Move the Set as a team of 2 persons. When you move the bare Set, please use one hand on grabbing the handle and the other support under the Set.

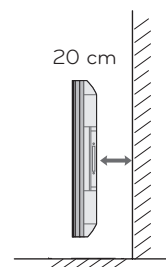
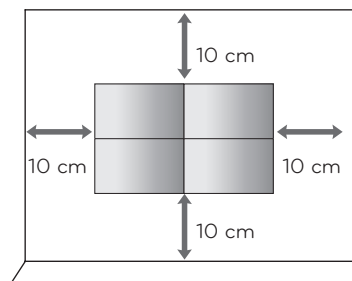
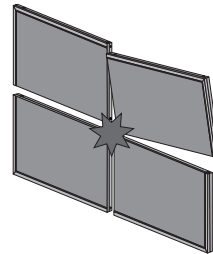
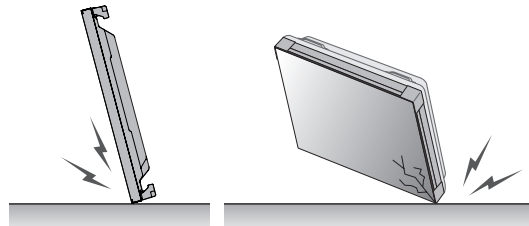


## Precaution

- 1 Remove the L-bracket on the corner of the Set before installation. When moving the Set, re-assemble the L-bracket.

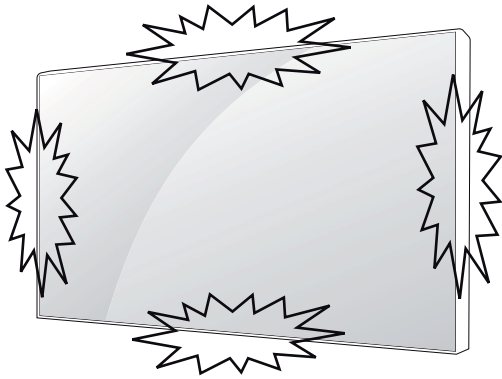


- 2 Be careful not to collide the sets with the floor or with each other. Install in the space with enough airflow.



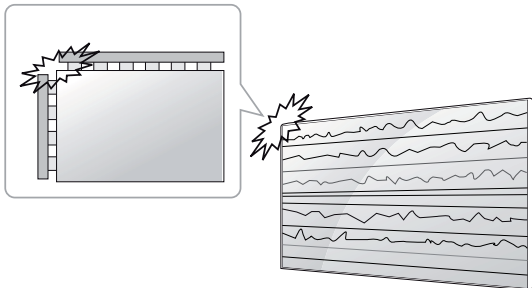
## Causes & Phenomena of the Line Defect

The line defect would occur on your Set if you strike on the edge of the Set.



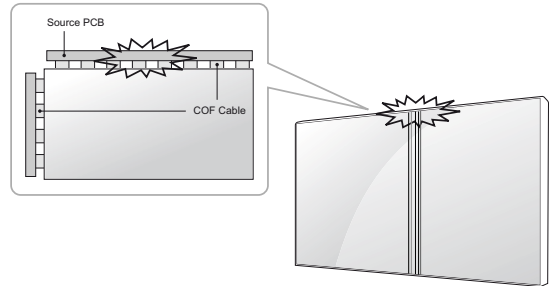
### LOG (LINE ON GLASS) DEFECT

- 1 Shock on Module Left/Top Corner → Left/Top LOG Crack → Horizontal Line Defect

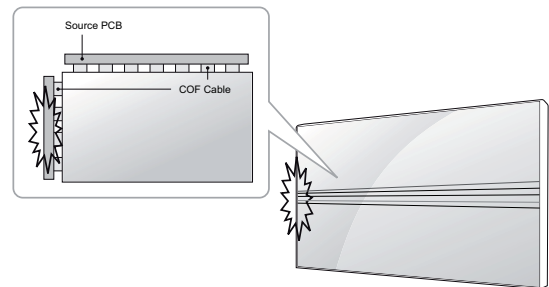


### COF (CHIP ON FILM) DEFECT

- 1 Shock on Module Top Side → Top COF Crack → Vertical Line Defect



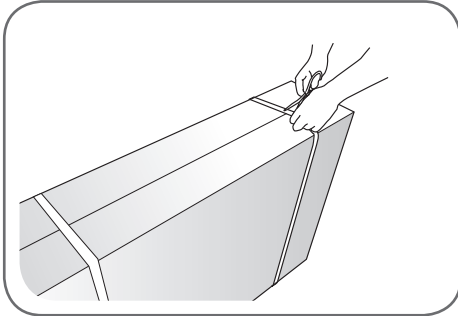
- 2 Shock on Module Left Side → Left COF Crack → Horizontal Line Defect



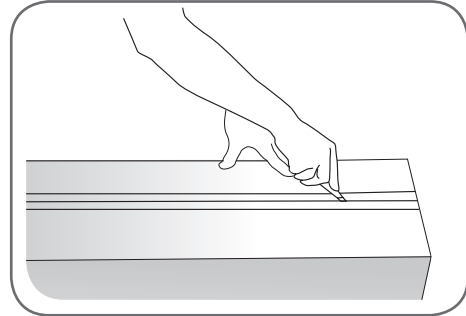
## Installing the Product

- The illustration may look different from the actual product.

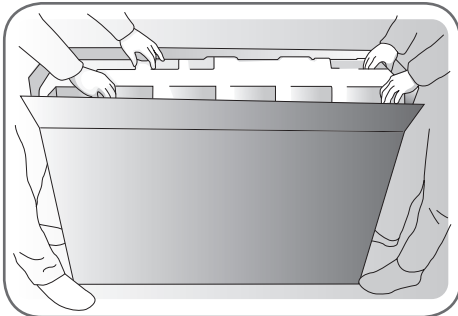
**1** Cut Packing Strap of the Box.



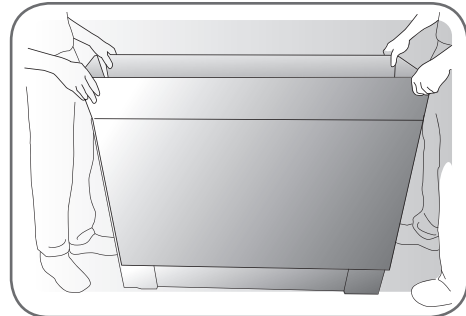
**2** Cut Tape on the Box.



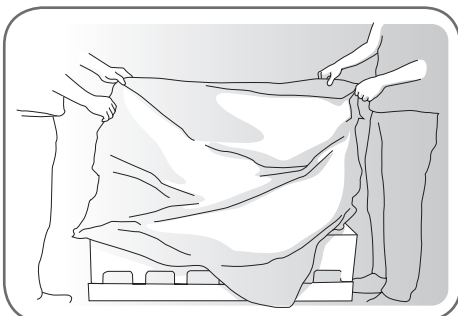
**3** Open the Box and remove the top packing.



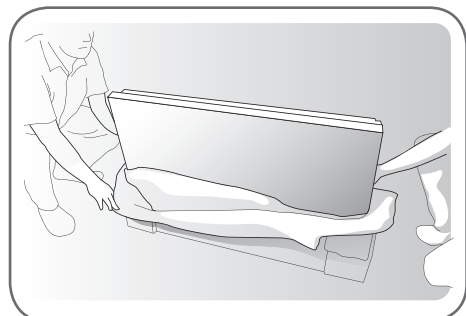
**4** Remove the Upper Box.



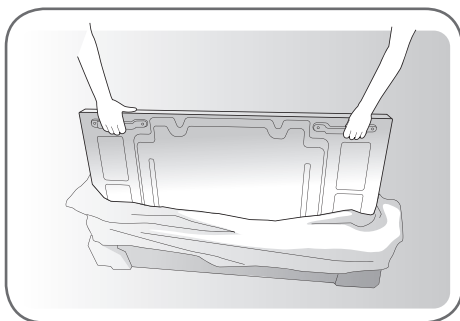
**5** Open the Poly Bag.



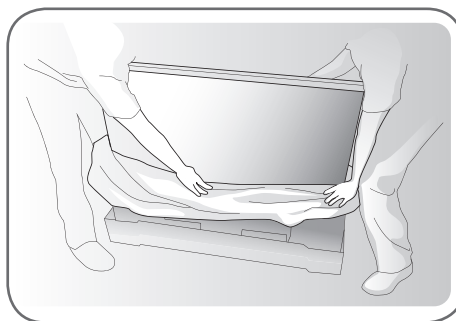
**6** Undress the Poly Bag.



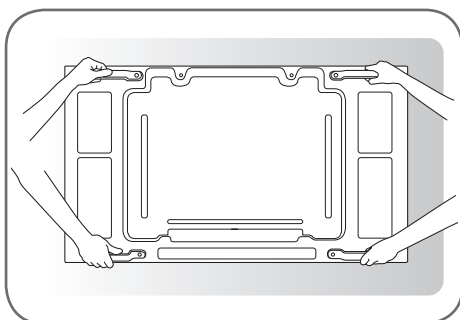
- 7 Lift up the Set using the SIDE/BACK Handle.



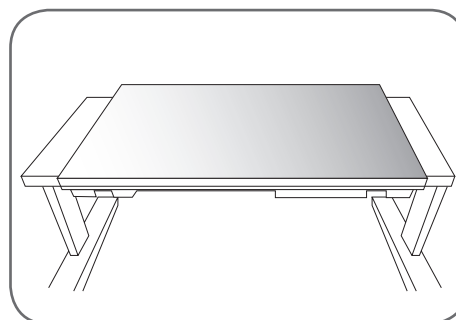
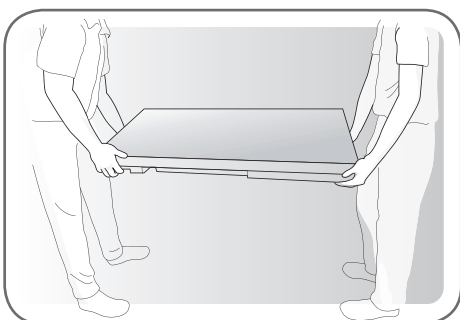
- 8 Remove Bottom packing when lifting up the Set.



- 9 With one hand under the set and the other hand grabbing the set, move the set.

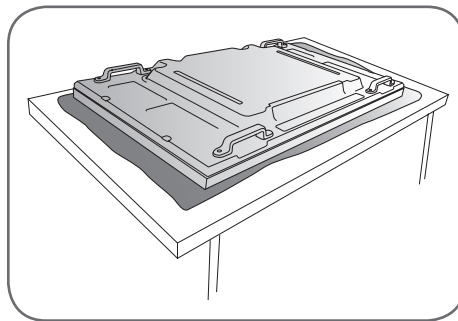
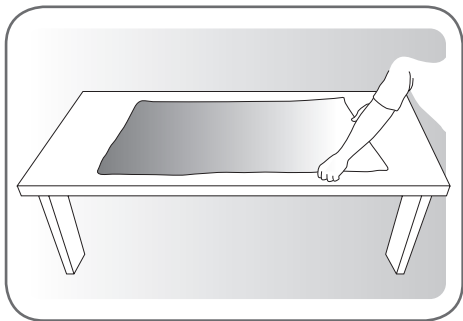


- 10 Lay the back of the Set down on the table.

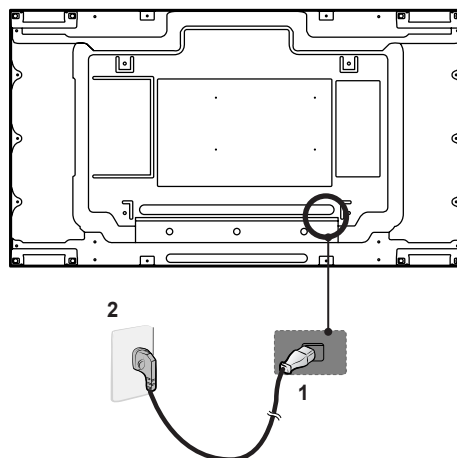
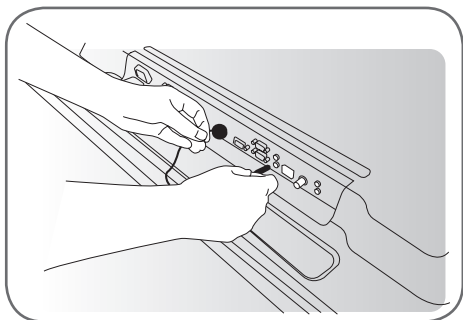




**11** Use the cushion or Pad when you lay the face of the Set downward.



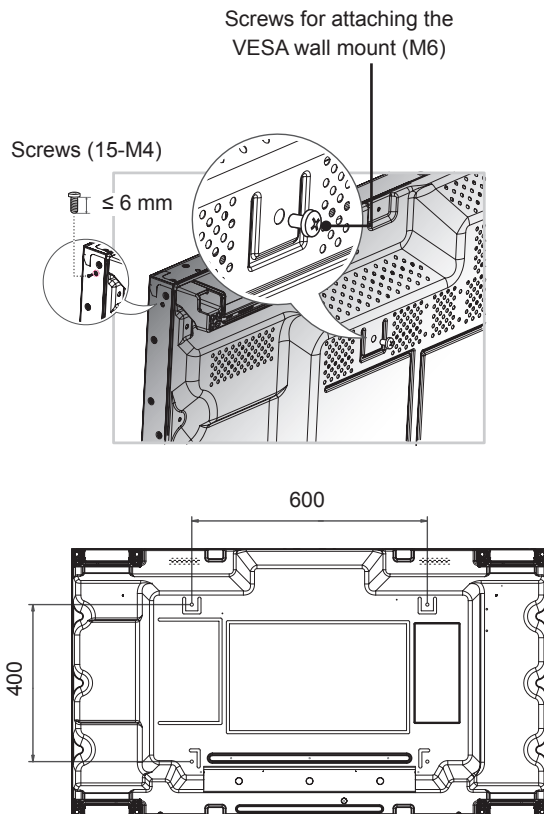
**12** Connect IR receiver to use remote control. And then, connect power cord.



## Tiling Displays

### How to Mount the Set

#### Example of 2 x 2 tiling

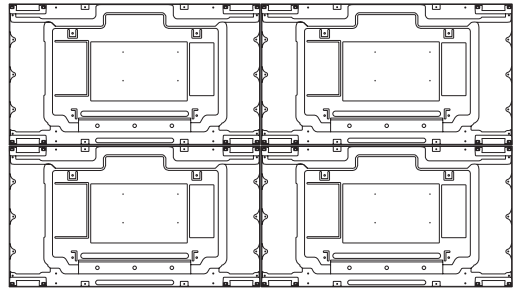


#### CAUTION

- When you connect Monitor sets for multivision, you may find that the screen color is not the same across all the Monitor sets. If you want to adjust the screen color manually, please refer to the Installation Manual.
- When you install multiple Monitor sets onto a wall, attach the IR Receiver to all the sets, or use an RS-232C cable to connect them and then attach the IR Receiver to the first set.

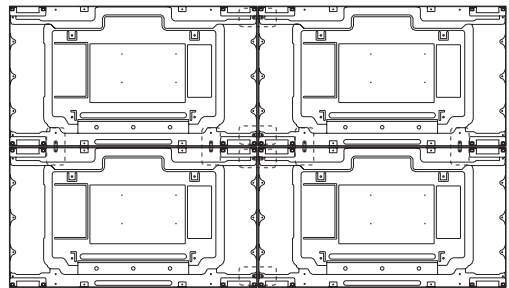
### How to Join Sets

- 1 Join other sets using screws for fixing the VESA wall mount in the same way as above.



Set 4 joined to the rest of the sets  
(2 x 2 tiling)

- 2 After joining the sets, use the tiling guide to adjust the gap between the sets.



- 3 Now the 2 x 2 tiling is complete. You can tile in various combinations, such as 3 x 3.



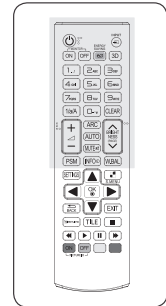
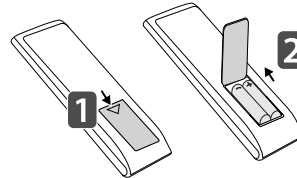
#### NOTE

- The load applied to each set should be supported by the wall mount plate or the wall using a VESA wall mount (600 x 400).
- The load applied to each set should be supported by the wall mount plate using a VESA wall mount. (Each set must be firmly mounted to the wall mount plate or the wall.)
- You may mount the set without using the tiling guide; this does not affect the performance of the device.
- Loosen the screws on the set to install the tiling guides. (The screws are enclosed with the other components in the box, including the tiling guides.)

# REMOTE CONTROL

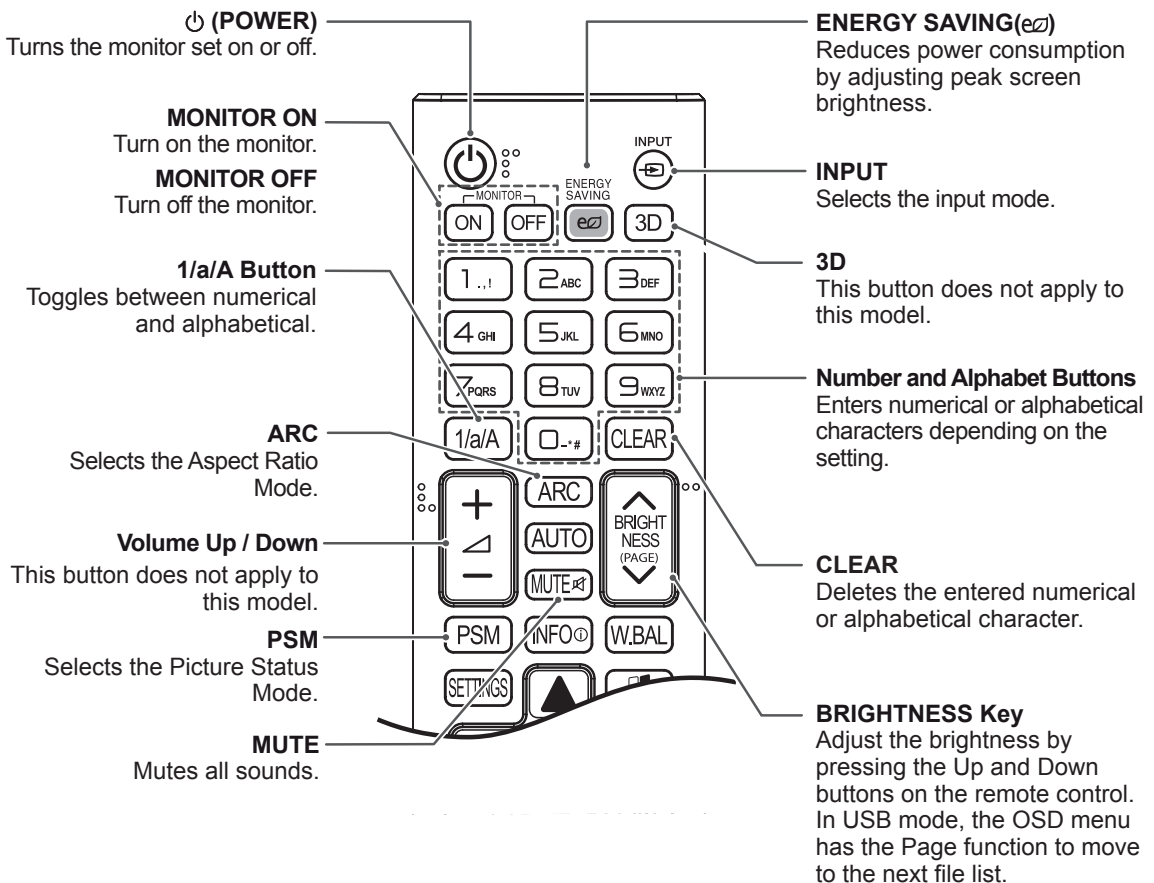
The descriptions in this manual are based on the buttons of the remote control. Please read this manual carefully and use the Monitor set correctly.

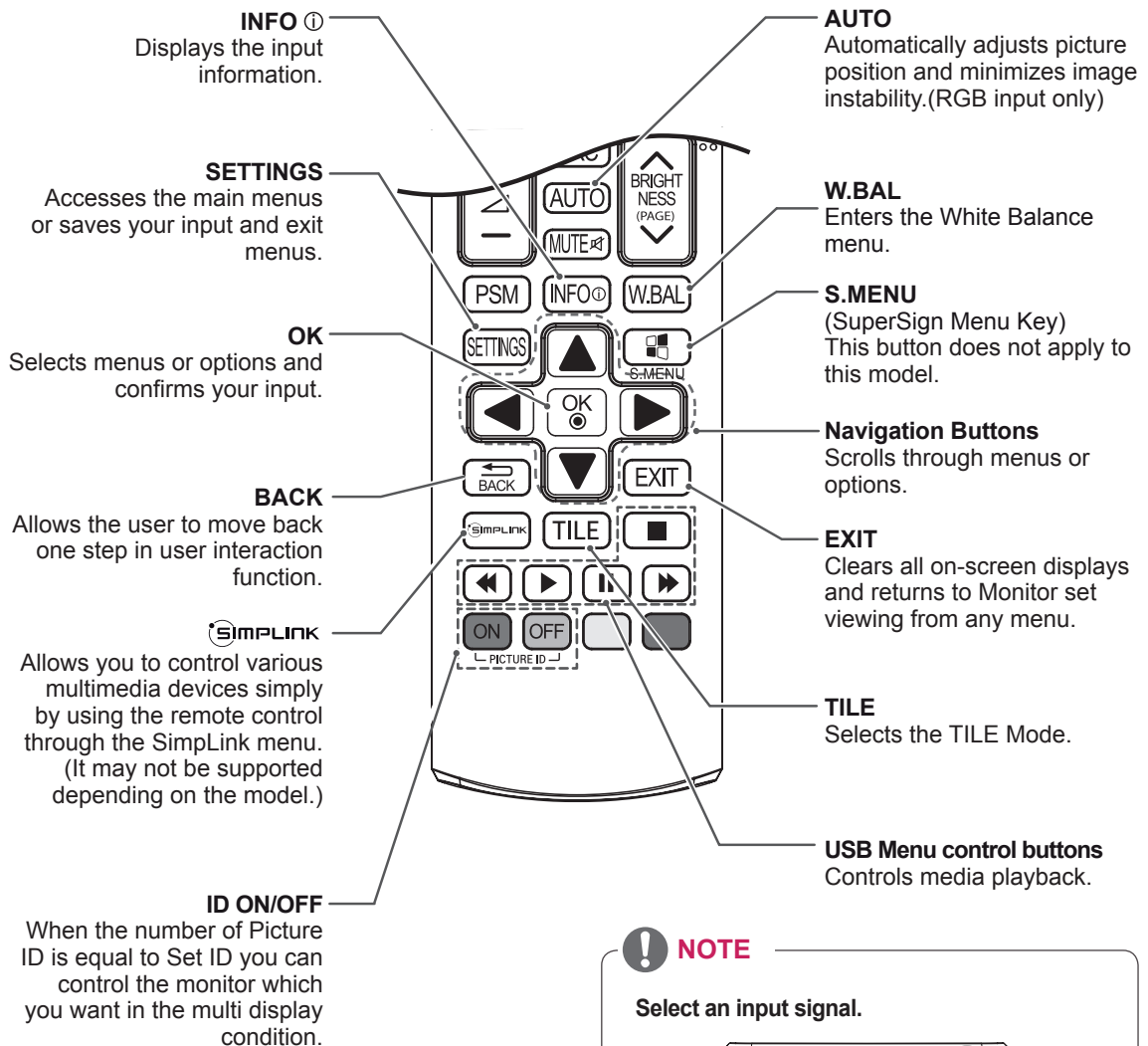
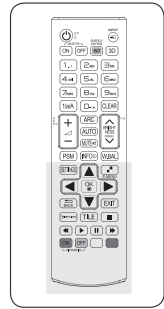
To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse.



## CAUTION

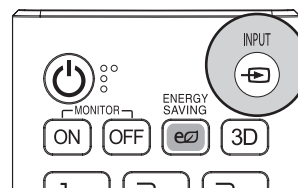
- Do not mix old and new batteries, as this may damage the remote control.
- Make sure to point the remote control to the remote control sensor on the monitor set.





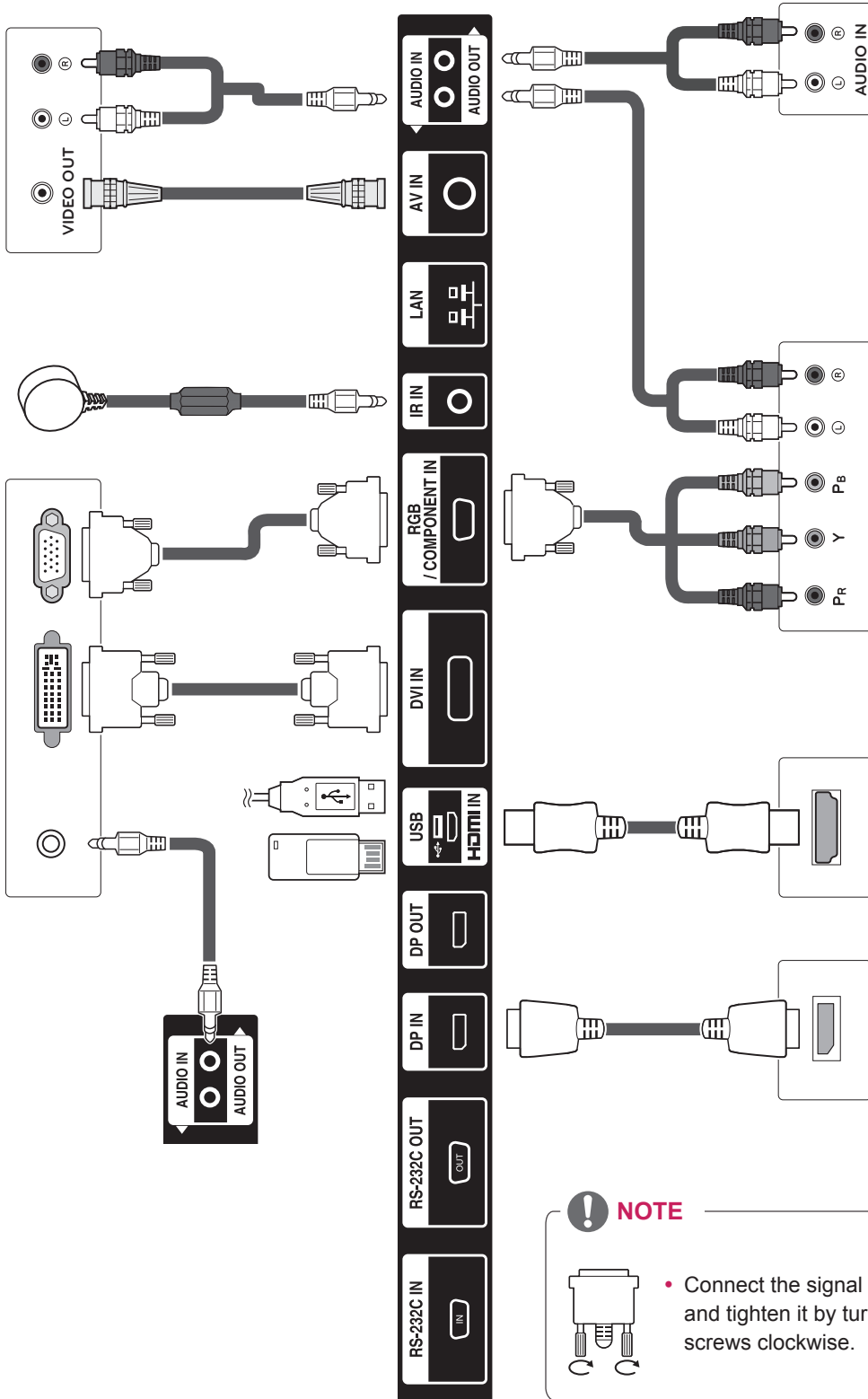
### ! NOTE

Select an input signal.

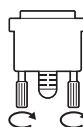


AV → Component → RGB → HDMI → DVI-D → Display Port → USB

# MAKING CONNECTIONS

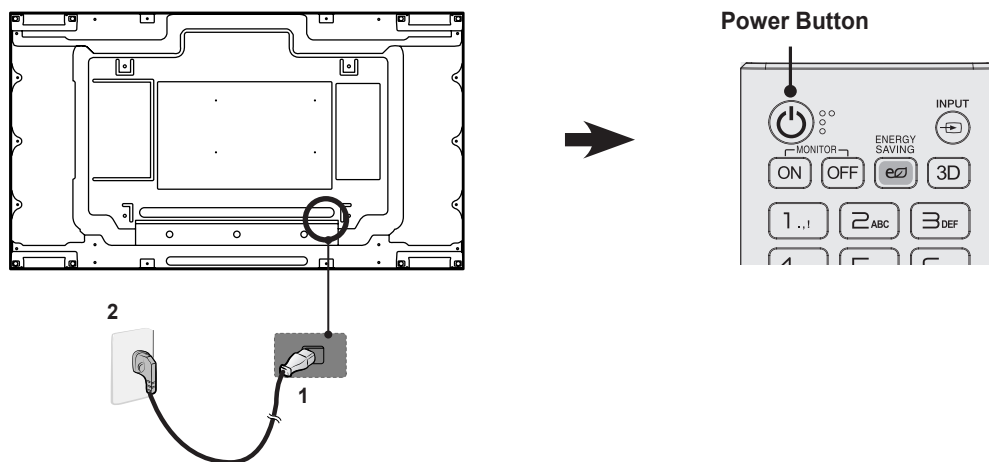


## NOTE

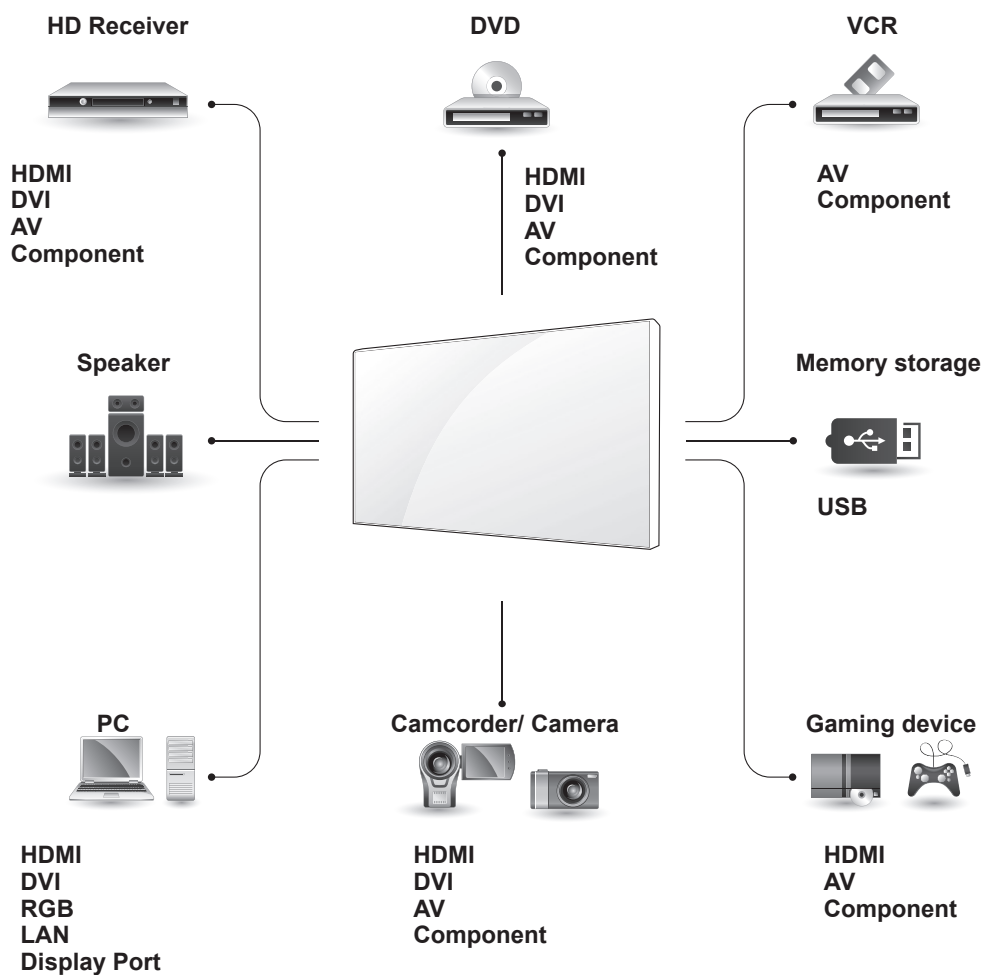


- Connect the signal input cable and tighten it by turning the screws clockwise.

## Connecting the Power Cord



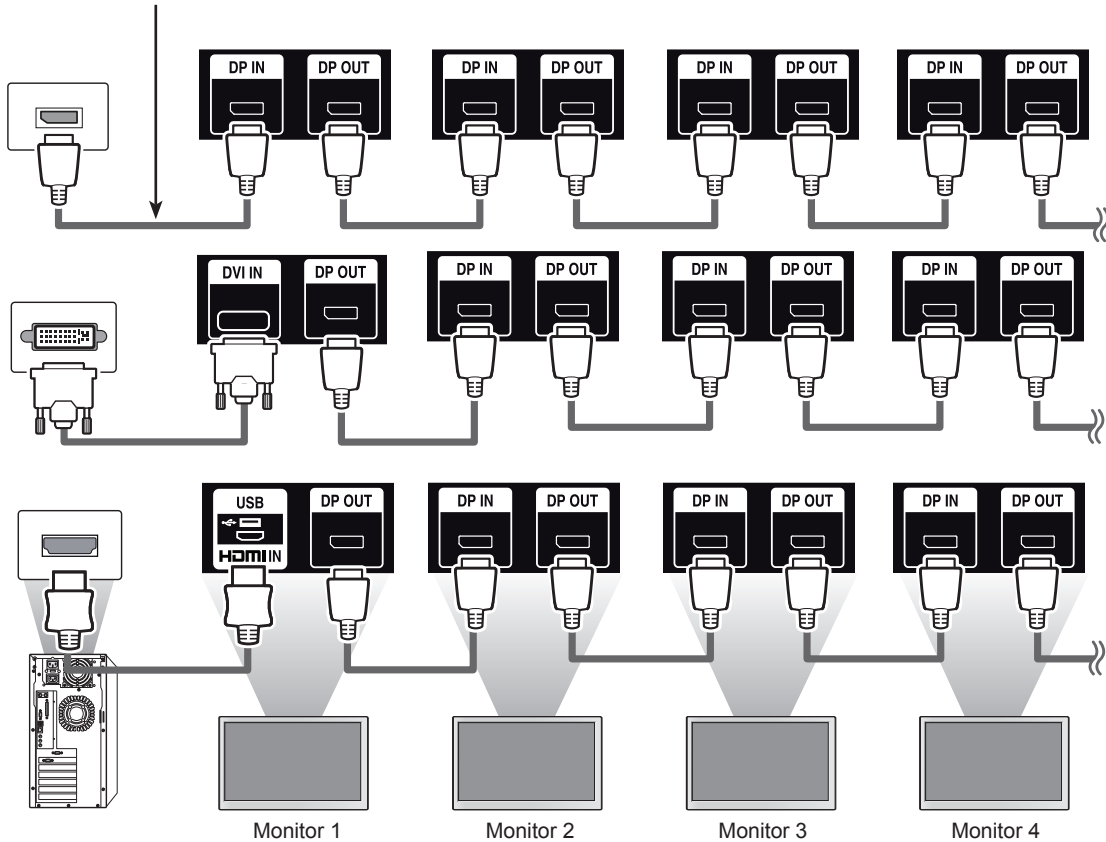
## Connecting the External devices



## Daisy Chain Monitors

### DP Cable

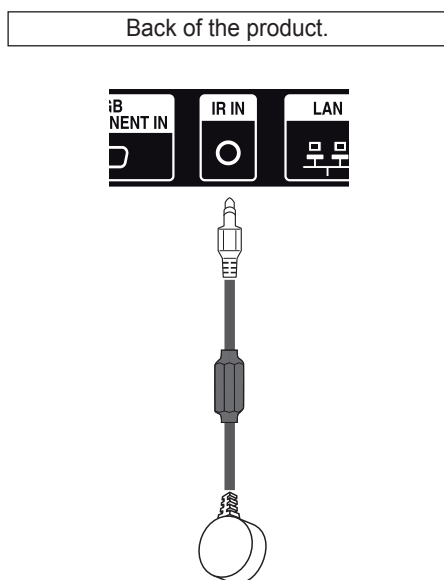
Use the cable provided with the product or use a DisplayPort certified cable version 1.1a or higher.



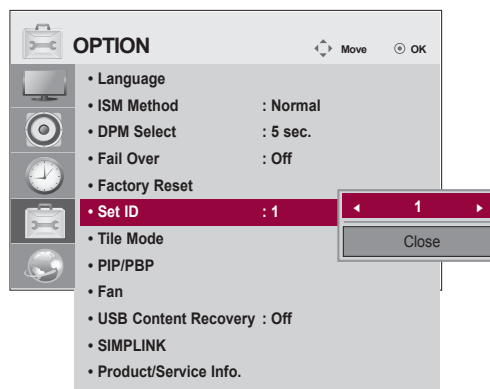
# MULTIVISION CONFIGURATION

## Function Setting

### 1 IR Receiver connection.



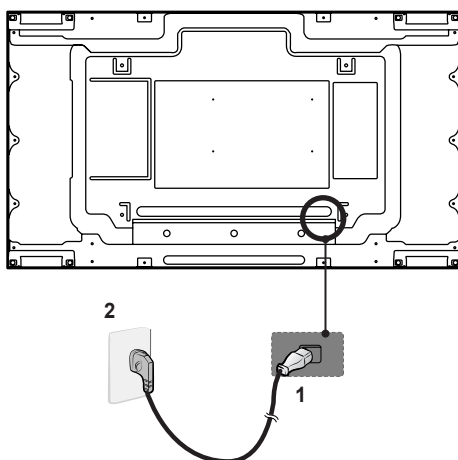
### 3 Set ID setup for each set. (\* The model 55LV75A does not support any functions for controlling the Fan.)



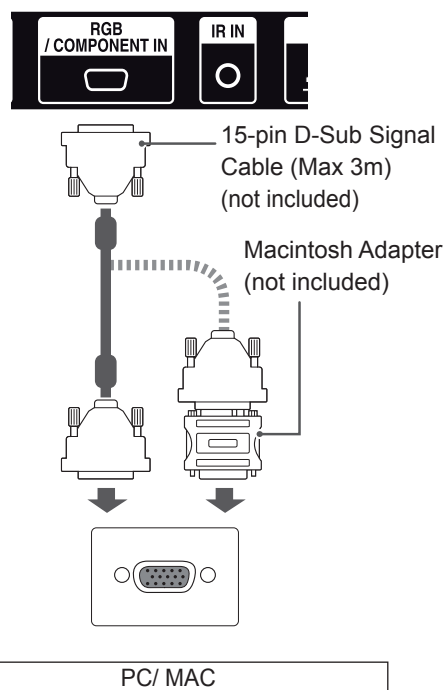
### 4 IR Receiver removal for all sets except for Set 1.

### 5 RGB connection.

### 2 Connecting the Power cord.

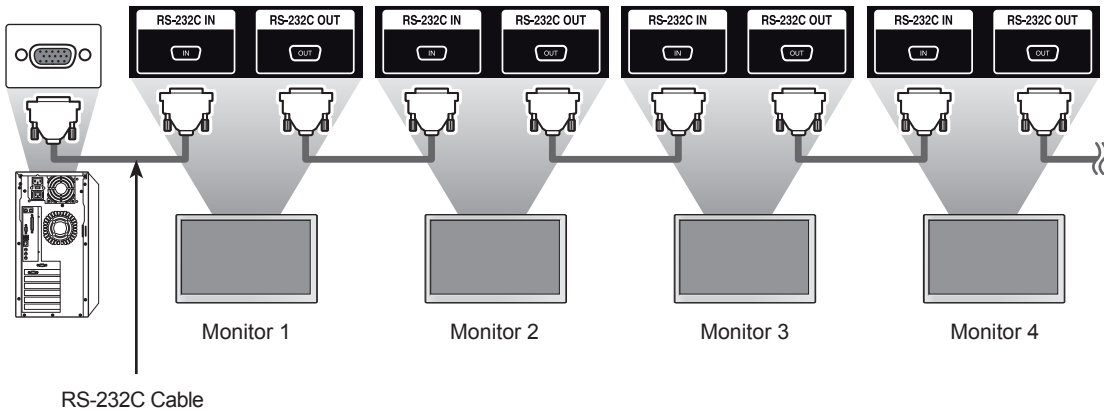


Back of the product.

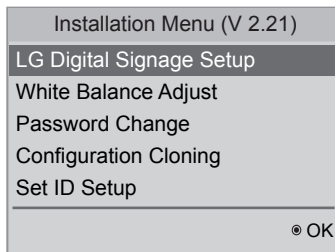




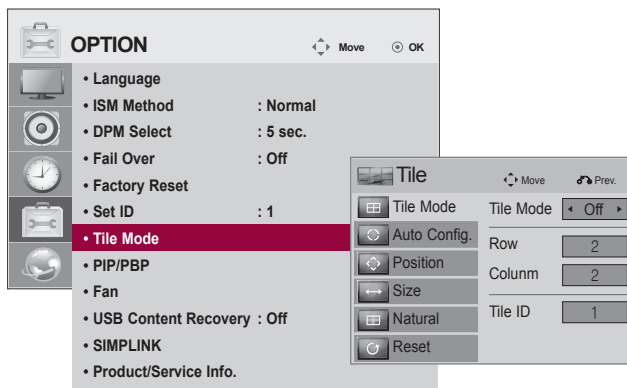
- 6 Connect the Monitor sets, in series, using an RS-232C cable.



- 7 Installation Menu setup.



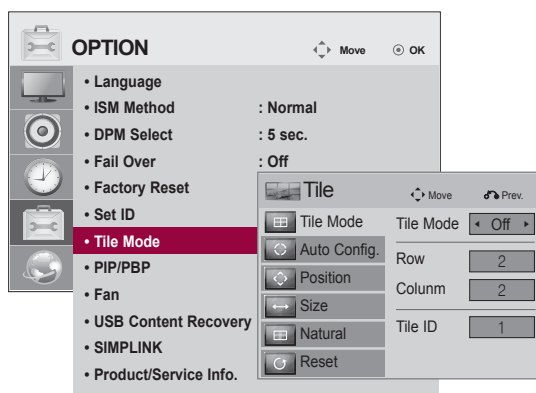
- 8 Tile Mode setup. (\* The model 55LV75A does not support any functions for controlling the Fan.)



## Setting the Tile Mode

In Tile Mode you can view an image in a larger scale by connecting multiple monitors.

- **Tile Mode Off:** An input image is not enlarged, and the same image is shown on all connected monitors.
- **Tile Mode On:** An input image is enlarged according to the value in the H. Set Count and V. Set Count fields.  
(\* The model 55LV75A does not support any functions for controlling the Fan.)



### 1X2

When using 2 monitors



### 2X2

When using 4 monitors



### 3X3

When using 9 monitors



### 4X4

When using 16 monitors



## Setting the Picture ID

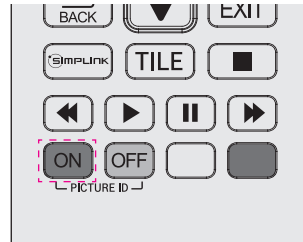
The Picture ID menu allows you to control all sets using the IR Receiver connected to Set 1.

- The IR signal of the remote control is transmitted through the RS-232C cables connected in serial mode.
- When you set a Picture ID using the remote control, you can only control the Set that matches the Picture ID.  
ex) For example, if you set a Picture ID to 2, you can only control the monitor with the Set ID 2.  
If Picture ID is set to Off, you can control all monitors at the same time.

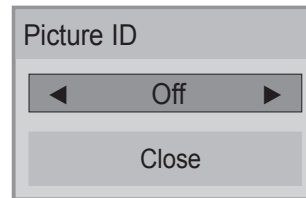
2X2 Multi-Vision (Total Set ID: 4)



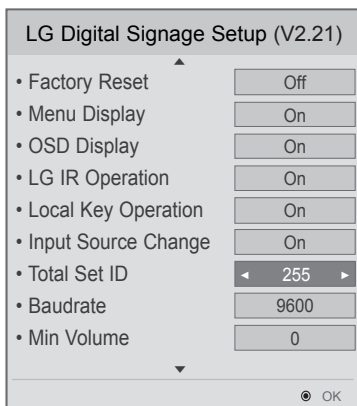
- Press the red ON button on the remote control to assign the Picture ID.



- If you press the left/right buttons or press the ON button repeatedly, the Picture ID cycles through OFF/1 and the value set in the Total Set ID.



- Set the Total Set ID in the Installation Menu.



Sets the total number of products to be connected in Tile mode. Total Set ID is used as the maximum value of Picture ID.

### NOTE

- For example, if the Picture ID is assigned to 2, the upper right display (Set ID: 2) can be controlled by IR signals.
- For each set, you can change the settings for the PICTURE, AUDIO, TIME, NETWORK and MY MEDIA menus or the hot keys on the remote control.
- If you press the green OFF button for Picture IDs, the Picture IDs for all sets are turned off. If you then press any button on the remote control, all sets will start working again.
- Picture ID will be disabled while using the MY MEDIA menu.
- If Picture ID is set to Off, holding buttons on the remote control will execute only one action at a time.

