



# Installation Manual

## Companion Box (AV Box)

### Wall Mount

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

W7AWB



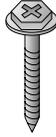
[www.lg.com](http://www.lg.com)

P/No : MFL69380613 (1706-REV01)

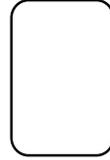
# COMPONENT



Wall mounting anchor  
4 units



Wall mounting screw  
M5 x L65  
4 units



Decorative plate



Installation manual



Installation Guide Sheet

## IMPORTANT SAFETY INSTRUCTIONS

- If you are a professional installer, please read this manual carefully before installing the product.
- If you are a professional installer, please give this manual to the user after installing the product and ensure that the user also reads the manual carefully and retains it for future reference.

**After reading the manual, please keep it handy for future reference.**

### **WARNING**

- The product should be installed by a qualified professional specified by the retail store.
  - Product installation by non-qualified personnel is very dangerous and may cause personal injury.
- The product should be installed where its weight can be fully supported.
  - If the product is installed on a weak surface, the product may fall, causing injury.
- When moving or replacing the product after installation, contact a qualified installer specified by the retail store.
  - Installation or movement of the product must be carried out by a skilled professional. If an unqualified person moves and installs the product, it may cause safety risks.
- Do not hang on this product, protect the product from severe impacts after the installation.
  - The product may fall and cause injury.

### **CAUTION**

- Follow the instructions in this manual to product properly.
  - If you do not follow these instructions, the product may be installed incorrectly and cause serious injury or the product may become damaged.
- To install the product or level the product after installation, two or more people are required.
  - If you try to install or move the product alone, it may fall and cause injury or the product may become damaged.
- When installing the product, first check that the wall is strong enough. Use the anchors and screws provided.
  - If you use anchors and screws that are not specified by the manufacturer, they may not hold the weight of the product, causing safety issues.
- When drilling holes into the wall, make sure you use a drill and drill bit with the specified diameter. Ensure that you also follow the instructions regarding the depth of the holes.
  - Otherwise, the product may be installed incorrectly and cause safety issues.
- Do not clean the product with a wet towel, and do not place a heater, or humidifier beneath it.
  - Moisture, steam or heat permeating into this product may result in fire, electric shock or product damage.
- Keep this product away from sprinklers, sensors, high-tension wires and power sources. Do not install it in a location where vibrations or impacts are likely to occur.
- Make sure that the power cord is removed from the outlet before installing the product.
  - Otherwise, it may cause an electric shock or fire.
- Wear safety gloves when installing the product. Do not use your bare hands.
  - Otherwise, it may cause personal injury.
- When moving the Companion Box (AV box), be careful in that the friction between the box and the wall mount does not damage the cables.

## BEFORE INSTALLATION

- Do not use this product for purposes other than to install the Companion Box (AV box) in a designated location.
- When installing/using the wall mount, be cautious of product damage and avoid accidents.
- Install the wall mount according to the installation manual.
- If you have not fully read and understood the installation manual, do not install the product and contact the dealer to have a specialized installer install the product for you.
- Even if you are not a specialized installer, it is advantageous to have experience in mechanical or construction field in completely understanding this manual and installing the product.
- It is recommended that you install this product on a concrete wall or wooden pillar. If installing on other materials (plywood, MDF, bricks), ensure that you consult a qualified professional.
- Install the product only on a vertical wall  
Note : Do not install on walls slanted at an angle outside the normal range or on severely tilted walls.  
The manufacturer is not responsible for issues from installing the product on an angled wall or on the ceiling.
- Check that the accessories provided with the product are all included before installing. LG Electronics is not liable for any damage or loss of accessories after the package has been opened.
- Keep the included accessories out of reach of babies or children as it can cause safety issues including suffocation from swallowing the parts.
- Make sure screws are tight against the wall, but do not overtighten.  
Note : Applying excessive force to screws may damage to the wall, affect the product performance, or cause the product to become damaged.
- Be careful not to install a TV that exceeds the weight restrictions of the wall mount.
- Be careful with the tools used during installation to prevent accidents or damage.

### Tools you will need

#2 Phillips head screwdriver (manual or electric) / Level / Stud finder / Drill / Ø 8 mm drill bit for concrete or Ø 4 mm drill bit for steel.

# INSTALLATION

- The picture may differ from the actual product.
- Consult a professional installer prior to mounting the TV using a wall bracket.

## 1. How to attach to masonry walls

### Marking the Screw Positions on the Wall Using the Installation Guide Sheet

- 1 Check the wall type before mounting.
  - When installing on a concrete or wooden wall, use the holes within range A, depending on the type of wall. (Refer to pages 8–10 for detailed instructions on how to install the wall mount.)
  - The long vertical hole on the right may be useful for levelling the surface.

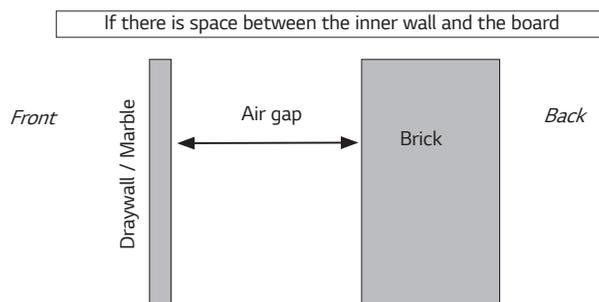


- 2 Fix the Installation Guide Sheet in place according to the product's inches. After the sheet is fixed, mark the position where the wall mount will be installed.

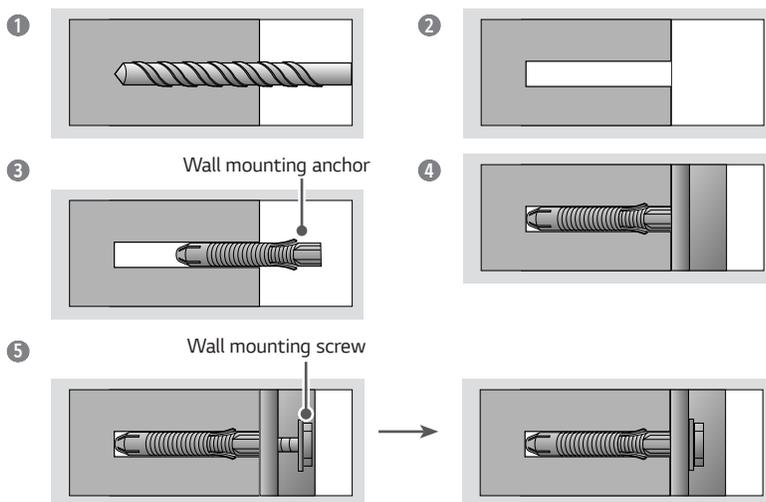


**Please follow the below directions.**

- Check the material of the wall and the thickness of the finishing.
- If the wall is made of concrete, you can use the included anchors and screws only if the wall will not crack.
- Do not mount the device on the walls made from plasterboard, marble or medium density fiberboard (MDF). In this case, the anchor and screws must be inserted into the concrete behind the finish surface. If there is no concrete on the other side, then you must first install a separate hanger to securely install the anchors and screws. If there are wooden pillars supporting the wall, install by fastening the screws onto the pillars.
- If there is space between the inner wall and the board, consult a qualified professional to additionally reinforce the wall or purchase the appropriate screws for fastening.



- When fastening the screws, use M5 screws at more than two points (a depth of 40 mm is recommended). (It is recommended that you fasten the screws at an equal distance from the left and right sides based on the center hole. If this is not possible, apply additional reinforcements as near as possible.)
- When installing the product on wall material not designated, install the product so that each location can withstand the pull out load of 70 kgf (686 N) and shear load of 100 kgf (980 N) or above.
- Use the  $\varnothing 8$  mm drill bit for concrete and hammer (Impact) drill.



- 1 Use a drill bit  $\varnothing 8$  mm to drill a hole for the anchor location within a depth of 80 mm to 100 mm.
- 2 Clean the drilled hole.
- 3 Insert the sealed wall mounting anchor to the hole. (When inserting the anchor, use a hammer.)
- 4 Set the wall mount on the wall by aligning to the location of the hole. And, set the angle adjusting part to face upward.
- 5 Align the wall mounting screw to the hole and tighten it. Then, fasten the screws at torque of 45 kgf/cm to 60 kgf/cm.

## 2. How to install the wall mounting bracket

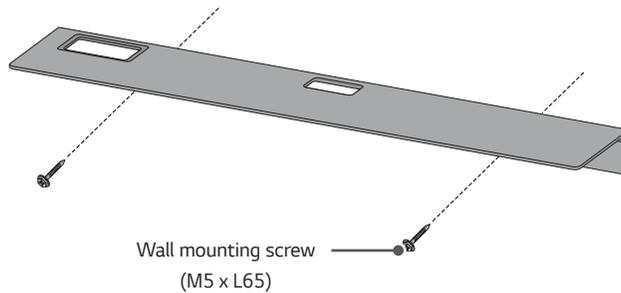
### ! NOTE

- Always install the display with 2 or more people.

### ! CAUTION

- If the product is not level before the installation, level the product.
- Verify which screws are appropriate for the wall type before the installation.
- Use a leveler to verify the horizontal level of the wall mount.

#### When installing on a masonry wall

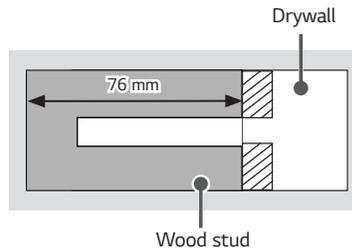


- Fix the wall mount in place, referring to the image.
- If the screw cannot be assembled in the designated location inevitably, it can be assembled by rearranging to the closest location.
  - It is recommended you tighten the screws in matching positions to the left and right of the hole in the centre.
- Fix one wall mount screw each on the left and right.
- Make sure the wall mount and the screws are fixed against the wall when tightening the screws, and stop once they are completely touching the wall.
  - Use a crosshead screwdriver (manual or electric) when tightening the screws.

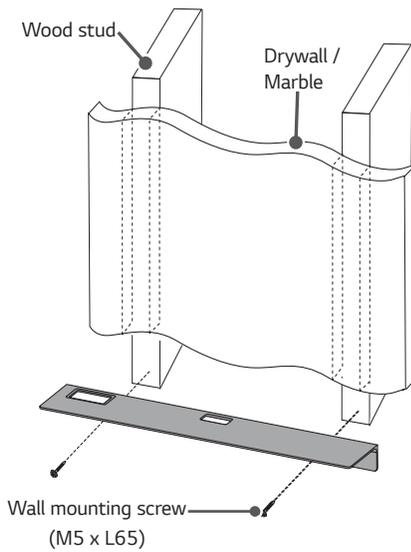
### When mounting to wooden studs

#### \* Screws for Wooden Wall Installation

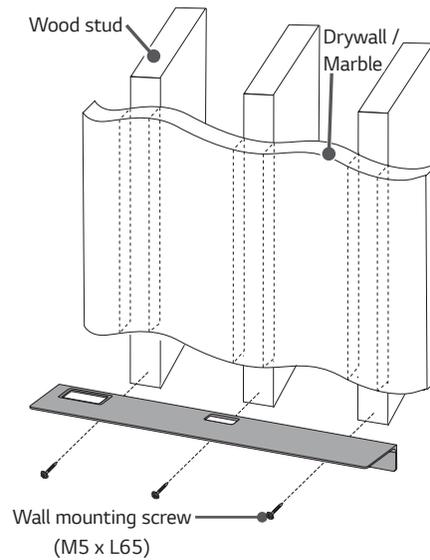
Wall mounting screw	Screw Positions	Drill bit $\varnothing$	Drill depth
M5 x L65	2	$\varnothing$ 4 mm	76 mm



[A type]



[B type]



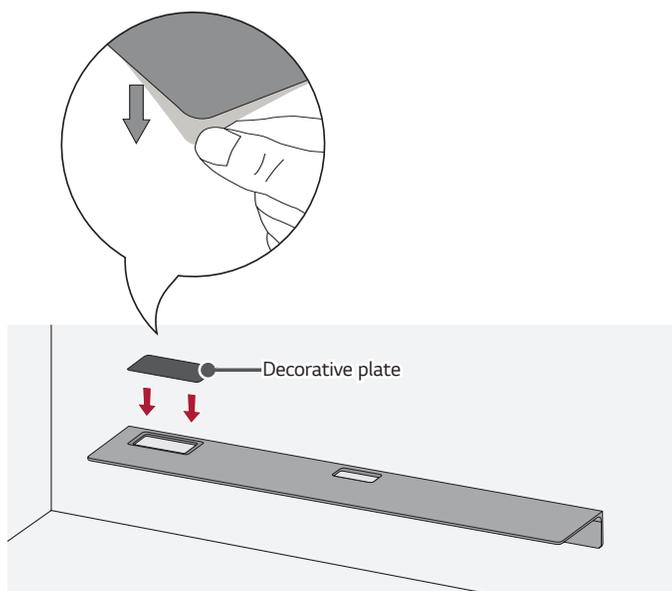
- 1 Find the wooden studs within the walls and install them in the proper position. (Use of a stud finder is recommended.)
- 2 Refer to page 9 for the drill bit  $\varnothing$  and depth. (Clean the drilled hole.)
- 3 Tighten the wall mounting screws for the wall bracket on the drilled hole.
  - Make sure the wall mount and the screws are fixed against the wall when tightening the screws, and stop once they are completely touching the wall. (Drywall can be damaged when tightened with excessive force, please be careful.)
  - Use a crosshead (Phillips) (manual or electric) when tightening the screws.
- 4 It is recommended that you fasten the screws at an equal distance from the left and right sides based on the center hole. If this is not possible, apply additional reinforcements as near as possible.

### 3. How to Install the Companion Box (AV Box) and organize cables

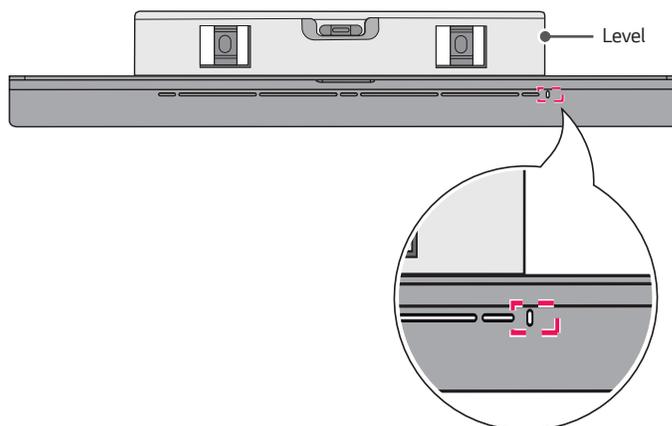
#### CAUTION

- Please refer to the TV user manual for cable connection.
- It is recommended the Companion Box (AV box) be placed 60 mm to 70 mm away from the wall.

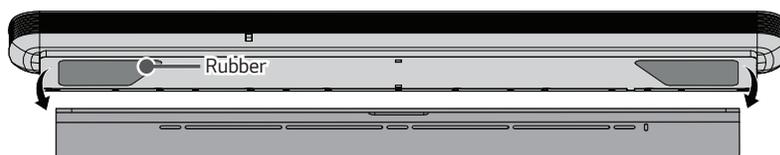
- 1 Install the wall mount, and then install the decorative plate as shown in the image below.



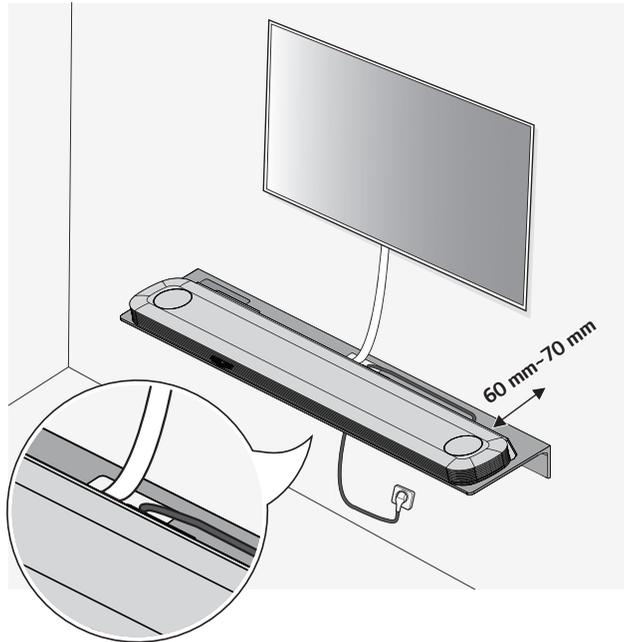
- 2** Install the wall mount horizontally and then check whether it is level using a leveler.
- If it is not level, the Companion Box (AV box) may fall.
  - The long vertical hole on the right may be useful for levelling the surface.



- 3** Place the Companion Box (AV box) in the horizontal center of the wall mount.
- Make sure the rubber attached to the bottom of the Companion Box (AV box) does not protrude outside of the wall mount's surface.



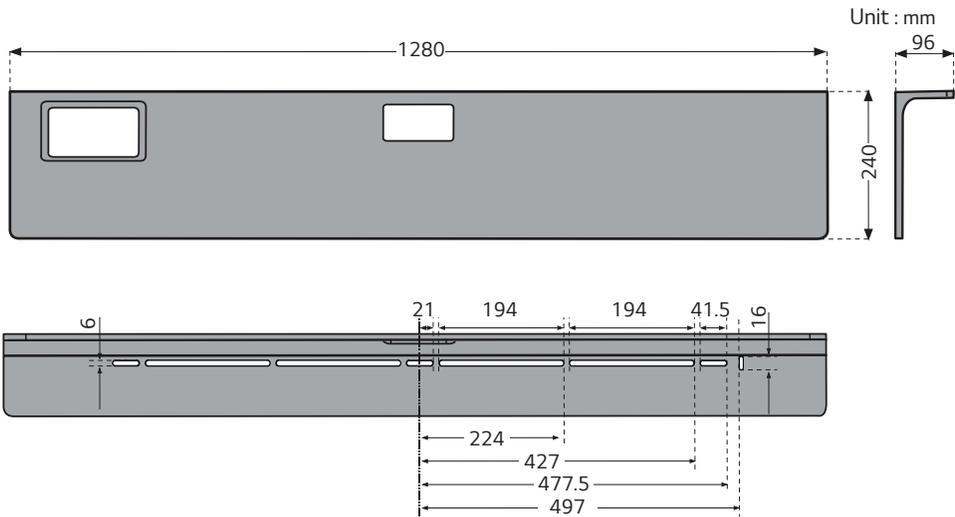
- 4 Arrange the cables using the hole in the center. Connect the cables attached to the panel, to the Companion Box (AV box).



 **CAUTION**

- Be careful not to apply a strong shock on the Companion Box or randomly move its position once its installation is complete. (It may fall and cause injury.)

# SPECIFICATIONS



ENGLISH

<b>Model name</b>	<b>W7AWB</b>
<b>Width (mm)</b>	1280
<b>Height (mm)</b>	96
<b>Depth (mm)</b>	240
<b>Product weight (kg)</b>	7.5
<b>Max. tensile load (kg)</b>	15







The model and serial number of the product is located on the back or one side of the product. Record it below should you ever need service.

**Supported Displays**

(Please contact the retailers or refer to the TV owner's manual for applicable models.)

**MODEL** \_\_\_\_\_

**SERIAL** \_\_\_\_\_