Printing specification

	Drawn	Checked	Approved
Signature	Bohyeon.yu	Mira.woo	Jongok.kim
MMM/DD/YYYY	Oct/14/2016	Oct/14/2016	Oct/14/2016

1. Model Description

Model name (factory) :	**OTW420B**	Brand name :	**LG**	Part number :	**MFL68484591**
Suffix :	**CN**	Product name :	**Accessory**	(Revision number)	**(1707-REV02)**

2. Printing Specification

1. Trim size (Format) : **148 mm x 210 mm (A5) (WxH)**
2. Printing colors
   - • Cover : **1 Color (Black)**
   - • Inside : **1 Color (Black)**
3. Stock (Paper)
   - • Cover : **Uncoated, wood-free paper 80 g/㎡**
   - • Inside : **Uncoated, wood-free paper 80 g/㎡**
4. Bindery : **Saddle stitching**
5. Language : **ENG/CHI (2)**
6. Number of pages : **40**

NOTE

"This part contains Eco-hazardous substances (Pb, Cd, Hg, Cr6+, PBB, PBDE, etc.) within LG standard level,
Details should be followed Eco-SCM management standard[LG(56)-A-2524].
Especially, Part should be followed and controlled the following specification.
(1) Eco-hazardous substances test report should be submitted when Part certification test and First Mass Production.
(2) Especially, Don't use or contain lead(Pb) and cadmium(Cd) in ink.

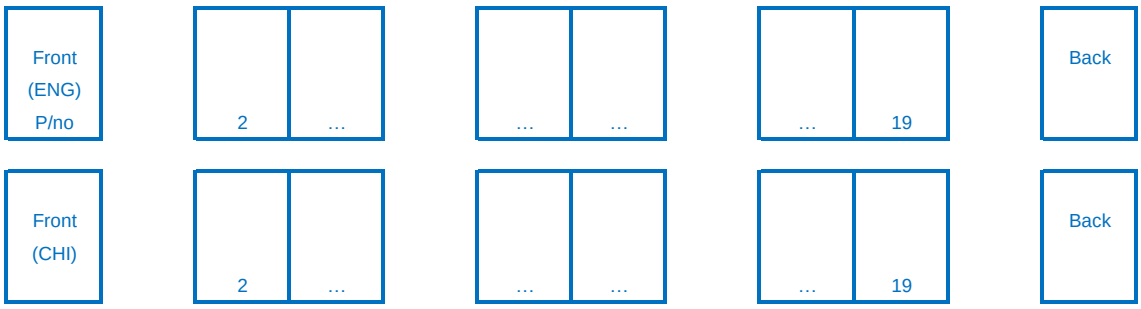
3. Origin Notification

LGEAK :	Printed in Kazakhstan	LGEKR :	Printed in Korea	LGERS :	Printed in Mexico
LGEAZ :	Printed in Brazil	LGEMA :	Printed in Poland	LGESY :	Printed in China
LGEEG :	Printed in Egypt	LGEMX :	Printed in Mexico	LGETH :	Printed in Thailand
LGEIL :	Printed in India	LGEND :	Printed in China	LGEVN :	Printed in Vietnam Made by LG Electronics (Only TW Suffix)
LGEIN :	Printed in Indonesia	LGERA :	Printed in Russia	LGEWR :	Printed in Poland
LGEAS :	Printed in Algeria				

4. Changes

Rev. Number	MMM/DD/YYYY	Signature	ECO Number	Change Contents
10				
9				
8				
7				
6				
5				
4				
3				
2	Jun/12/2017	SunheeLee	EKLH500130	[OTW420] 1. To add model name(55LJ54*, 55/65UJ62*) 2. To arrange component's order in manual
1	NOV/23/2016	Bohyeon.yu	EKLGB01539	Changed the image about OLED65G7* (RMS: 5772)

Pagination sheet



LG
Life's Good

Install Manual

Wall mounting bracket

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

OTW420B

MFL68484591

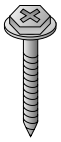
www.lg.com

P/No : MFL68484591 (1707-REV02)

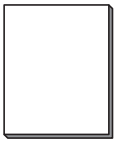
COMPONENT



Wall mounting anchor
6 units



Wall mounting screw
6 units



Install manual



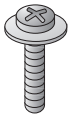
Guide spacer A
4 units



Guide spacer B
4 units



Guide spacer C
4 units



Guide spacer screw A
4 units
(M6 x L35)



Guide spacer screw B
4 units
(M6 x L18)



Set protection cushion
4 units

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.

Be sure not to hang the power cable and signal cable on the back of TV when installing the wall-mounted TV.
Damaged cables may result in fire, electric shock, or damage to the product.

⚠ 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 or adjust the height of the product, two or more people are needed.
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.

Be sure to use the accessory cable provided. Otherwise, friction between the product and the wall may cause damage to the connector. (Depending on model)

BEFORE INSTALLATION

* Do not use the product for purposes other than mounting a display on the wall.
* 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.
* Mount the product only on a concrete wall. LG Electronics Inc. is not liable for any accidents caused by mounting the product on walls made of any other materials, including wood, plywood, and bricks.
* Install the product only on a vertical wall.
  The manufacturer is not responsible for issue 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.
  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>
Phillips head + driver (manual or motorized) / 8 mm socket wrench / Level / Drill / You may also need an Ø 4 mm drill bit for steel or an Ø 8 mm drill bit for concrete.

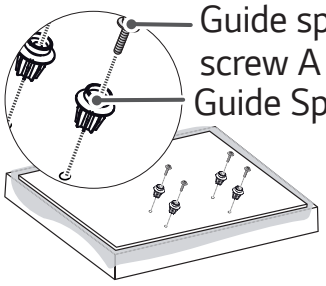
INSTALLATION

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

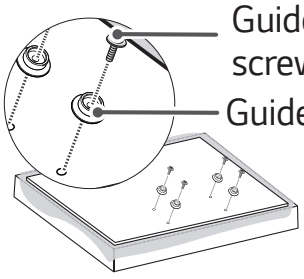
1 How to Attach the Brackets for the Product to the TV

- If the screws are not fully tightened when you fix the guide spacers, check the length of the screws again.

(Only OLED55/65C6*, OLED55/65E6*, 55/65UH95**, 55/65SJ95**, OLED55/65E7*)



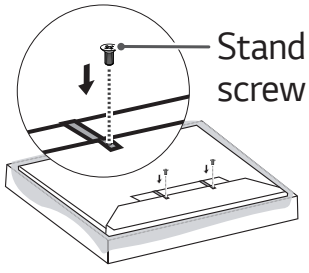
(Only OLED55/65B6*, OLED55/65B7*)



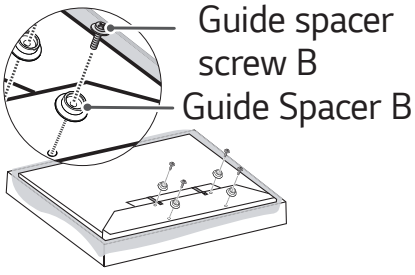
(Only OLED65G6*, OLED65G7*)

* Note: tighten the guide spacers after fixing the stand using the provided stand fixing screws.

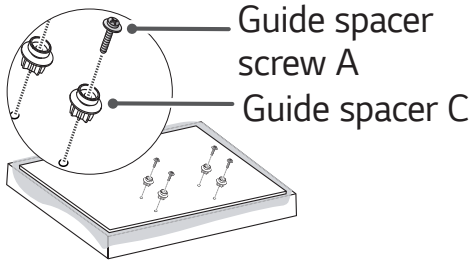
1



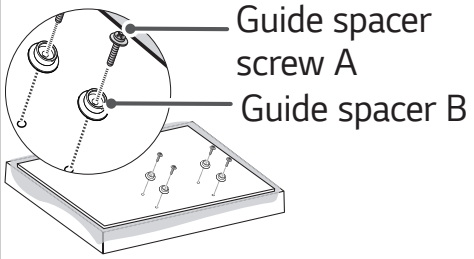
2



(Only OLED55/65C7*)



(Only 55LJ54*, 55/65UJ62*)



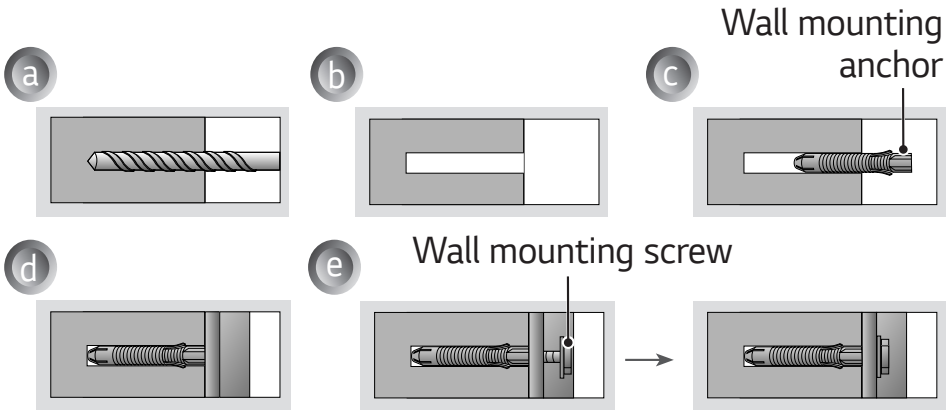
Work procedure

1. Check to see if the display has screws installed into the mounting holes. If so, remove those.
2. Assemble the guide spacer and the guide spacer screw in order as shown in the picture.
   - Place the TV on a table with the screen facing down. Make sure that you place it on a flat surface covered with a soft cloth or cushion to protect it from scratches.
   - Secure the guide spacers to the TV with the screws. Assemble the guide spacer to the set by tightening the screw. Tighten the screw until the set, guide spacer and the screw are fully pressing against one another.
   - Use the + driver (manual or motorized) when tightening the screw.

2 How to attach to masonry walls

Please follow the below direction.

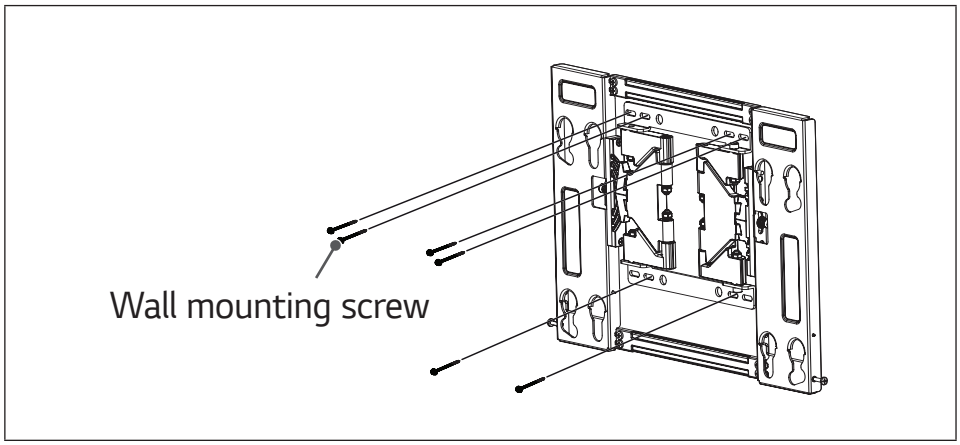
- Check the material of the wall and the thickness of the finishing.
- Use the anchors for wall material of concrete, light concrete, strong natural stone, soft natural stone masonry brick and hallow block that do not crack.
- Do not mount the device on the walls made from plasterboard or medium density 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.
- 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 Ø 8 mm drill bit for concrete and hammer (Impact) drill.

a. Use a drill bit Ø 8 mm to drill a hole for the anchor location within a depth of 80 mm to 100 mm.
b. Clean the drilled hole.
c. Insert the sealed wall mounting anchor to the hole. (When inserting the anchor, use a hammer.)
d. Set the wall mount on the wall by aligning to the location of the hole. and, set the angle adjusting part to face upward.
e. 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.

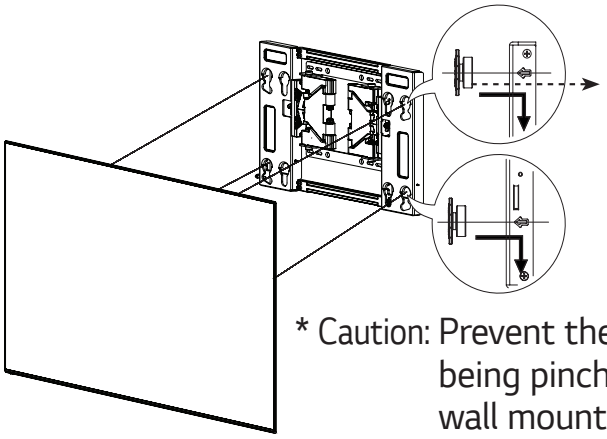
3 How to install the wall mounting bracket



→ After aligning the wall mounting bracket to the location to install, mark the part to screw on the wall and then remove the wall mounting bracket.
→ Refer to next picture to attach the wall mounting bracket.
→ Use a level to check whether the wall mounting bracket is level.
→ If the screw cannot be assembled in the designated location inevitably, it can be assembled by rearranging to the closest location. But, do not change 2 or more locations from the designated spot.
→ Assemble the wall mounting screw on 2 left and 2 right location on the top part and 1 left and 1 right location on the bottom part.
→ At this time, use a + driver (manual or motorized) or 8 mm wrench to tighten the screw so that the wall, wall mounting bracket and screw are completely pressed against one another.

4 How to assemble the wall mounting bracket and display

- Always install the display with 2 or more people.



When inserting the guide spacer, align its center with the arrow shown in the figure for easy installation.

* Caution: Prevent the power cord from being pinched between the wall mounting bracket and the set when installing the set. (A pinched power cord may cause damage to the product.)

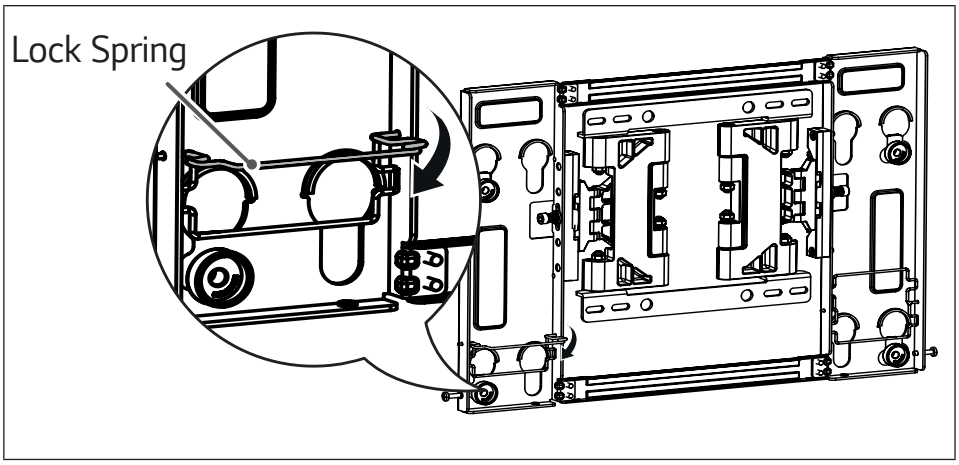
→ After attaching the guide spacers to the set, hang it on the wall mounting bracket in the direction of the arrows. Attach the lower part first, then attach the upper part by slightly lifting up the set.

- Make sure that the product is attached securely by pulling on the bottom of the set.
- When mounting the product that has a speaker, hold and lift up the product, not the speaker.

5 Setting the Lock Springs

- After securing the set to the bracket, pull down the lock springs at the bottom of the wall mounting bracket.

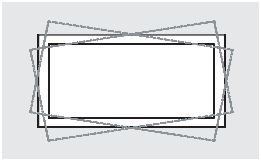
* Caution : If the wall mounting bracket is not attached securely, the set may fall off, resulting in damage or injury.

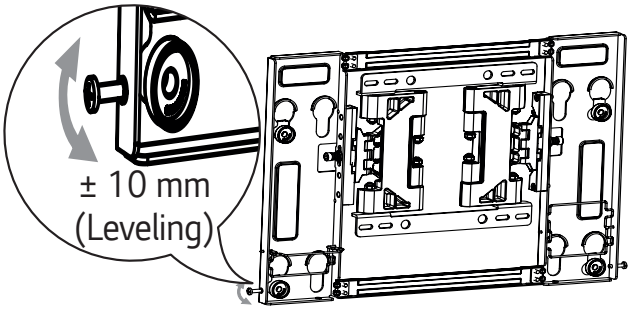


6 How to level the Display

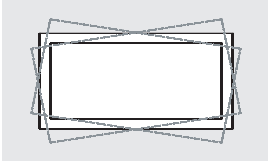
- After installing the display, check to make sure it is level. (The product goes up or down according to the rotation direction of the screw.)

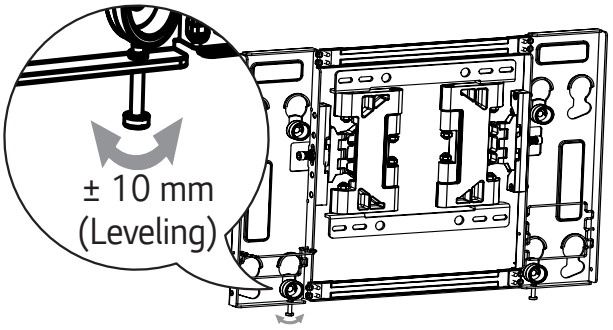
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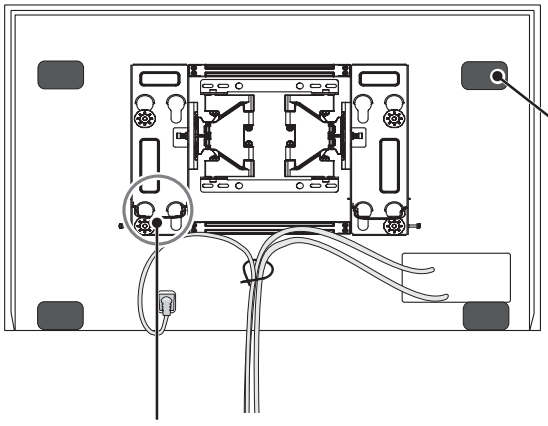
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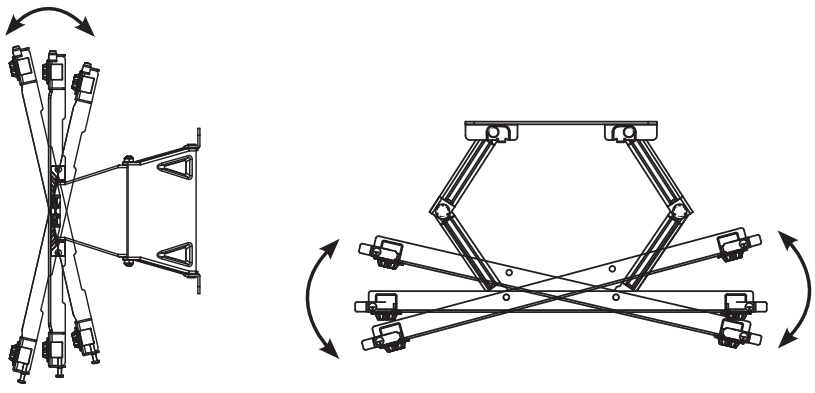
7 How to Organize Cables and Attach Protective Cushions

- Organize the cables as shown in the illustration. Please purchase a band for cable organization, or use the band that comes with the TV.
- Attach the protective cushions to minimize the impact between the wall and the TV in case they bump against each other when adjusting the angle. Attach them in the desired positions, as illustrated.

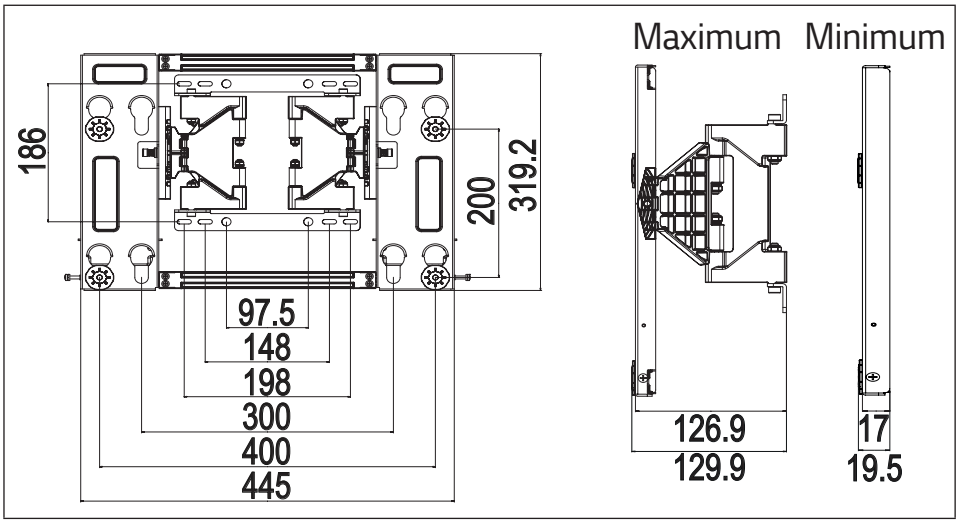


* Caution : Prevent the power cord and the cables frombeing pinched between the wall mounting bracket and the wall.

SPECIFICATIONS



[Unit: mm]



Model name	OTW420B
Width (mm)	445
Height (mm)	319.2
Depth (mm)	17
Product weight (kg)	2.7
Wall mounting bracket VESA specifications	400 x 200 300 x 200
Max. tensile load (kg)	32



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.

MODEL _____

SERIAL _____

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

安装手册

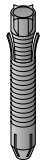
壁挂支架

使用产品前请阅读使用说明并保留备用。

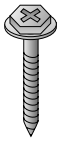
OTW420B

www.lg.com

组成部分



6 个
壁挂安装铰钉



6 个
壁挂安装螺钉



安装手册



4 个
带头垫圈 A



4 个
带头垫圈 B



4 个
带头垫圈 C



4 个
带头垫圈安装螺钉 A
（M6 x L35）



4 个
带头垫圈安装螺钉 B
（M6 x L18）



4 个
保护垫

重要的安全说明

- 如果您是专业安装人员，请在安装产品前仔细阅读本手册。
- 如果您是专业安装人员，请在安装后将本手册交给用户，确保用户仔细阅读本手册并留作将来参考。

阅读手册后，请将它放在方便之处以备将来参考。

警告

产品应由零售店指定的合格专业人员安装。
让无资质人员安装产品相当危险，可能会导致人员受伤。

产品应安装在完全能支撑其重量的地方。
如果产品安装在易毁坏的表面，则产品可能掉落并造成伤害。

安装后移动或更换产品时，请联系零售店指定的合格安装人员。
产品的安装或移动必须由有技术的专业人员进行。 无资质人员移动和安装产品可能造成安全问题。

不要悬吊在本产品上，安装后，防止本产品受到剧烈碰撞。
产品可能掉落并造成伤害。

安装壁挂式电视时，不要将电源线和信号线挂在电视背后。
损坏的线缆可造成产品起火、触电或损坏。

⚠ 注意

正确遵守本产品手册的说明。
如果不遵守这些说明，可能造成产品安装不当、严重人身伤害或产品损坏。

要安装或调整产品的高度，需要两个人或更多人。
如果您尝试单独安装或移动产品，产品可能掉落并造成伤害或产品损坏。

安装产品时，首先检查墙壁是否足够坚固。 使用提供的铰钉和螺钉。
如果您使用不是制造商指定的铰钉和螺钉，则它们可能无法支撑产品的重量，造成安全问题。

在墙面上钻孔时，确保使用钻机和指定直径尺寸的钻头。 请确保同时遵守孔深度的相关说明。
否则，产品可能安装不当，从而导致安全问题。

不要使用湿毛巾清洁产品，也不要在产品下使用加热器或加湿器。
渗入本产品中的水分、蒸汽或热量可能导致起火、触电或产品损坏。

使产品远离洒水器、感应器、高压电线和电源。 不要在可能会发生震动或碰撞的位置安装产品。

安装产品前，确保从插座拔下电源线。
否则，可能导致触电或起火。

安装产品时请佩戴工作手套。 不要空手安装。
否则，可能造成人身伤害。

请务必使用附带的配件缆线。 否则，产品与墙壁之间的摩擦可能造成连接器损坏。(取决于型号)

安装前

* 本产品用于将显示器或电视安装在墙壁上，不能用于其他用途。
* 安装/使用壁挂支架时，应十分小心，避免产品损坏以及发生意外。
* 根据安装手册安装壁挂。
* 如果您尚未通读并透彻理解安装手册，请不要安装产品，请与经销商联系，派遣专业的安装人员来安装产品。
* 即使您不是专业的安装人员，机械和建筑方面的经验也有助于您完全理解本手册以及安装产品。
* 建议您仅在混凝土墙体上安装该产品。对将产品安装在由任何其他材质制成的墙壁（包括木料、胶合板和砖块）所造成的任何事故，不予承担相关责任。
* 只可在垂直墙上安装产品。
  对于将产品安装在倾斜墙壁上或天花板上导致的问题，制造商不承担任何责任。
* 在安装之前，请检查产品附带的配件是否齐全。 LG Electronics 对包装打开后配件的任何损坏或丢失概不负责。
* 请将随附的配件放置在婴儿或儿童够不着的地方，否则会导致安全问题，包括吞咽零件导致窒息。

* 确保螺钉拧紧在墙壁中，但不能拧得过紧。
  拧紧时用力过度可能损坏墙壁、影响产品性能或导致产品受损。
* 请注意不要安装超过壁挂支架重量限制的电视机。
* 在安装期间要注意所使用的工具，避免发生意外或损坏。

<将会用到的工具>
十字螺丝刀（手动或机动）/ 8 毫米 套筒扳手 / 水平仪 / 钻机 / 您可能还需要 Ø 4 毫米 钻头（用于钢板）或 Ø 8 毫米 钻头(用于混凝土)。

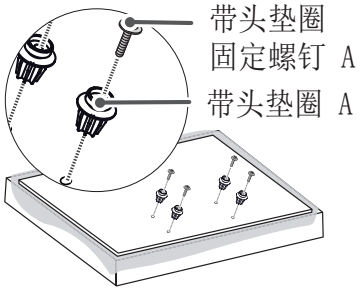
安装

- 图片可能与实际产品有所不同。
- 使用壁挂支架安装电视之前，应先咨询专业安装人员。

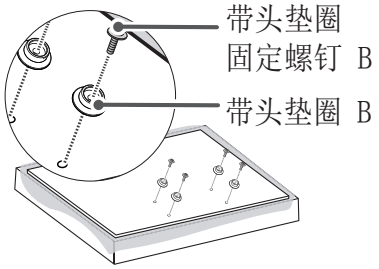
1 将产品的支架安装在电视机上的方法

– 如果在安装带头垫圈时螺钉未完全拧紧，请检查螺钉的长度并参阅技术服务手册。

(仅限 OLED55/65C6*, OLED55/65E6*, 55/65UH95**, 55/65SJ95**, OLED55/65E7*)



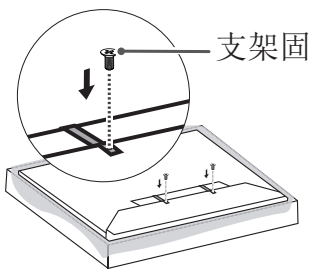
(仅限 OLED55/65B6*, OLED55/65B7*)



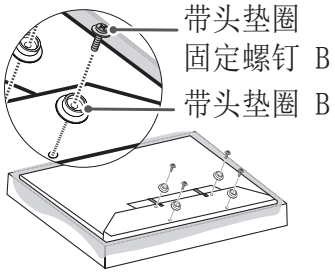
(仅限 OLED65G6*, OLED65G7*)

* 注意：使用随附的支架固定螺钉固定支架后，应拧紧带头垫圈。

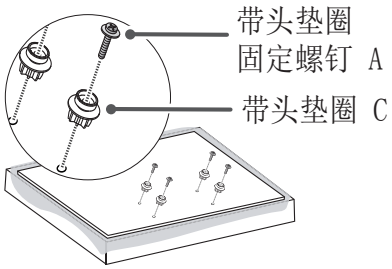
1



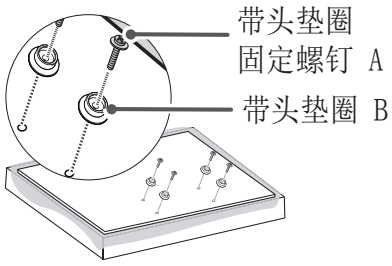
2



(仅限 OLED55/65C7*)



(仅限 55LJ54*, 55/65UJ62*)



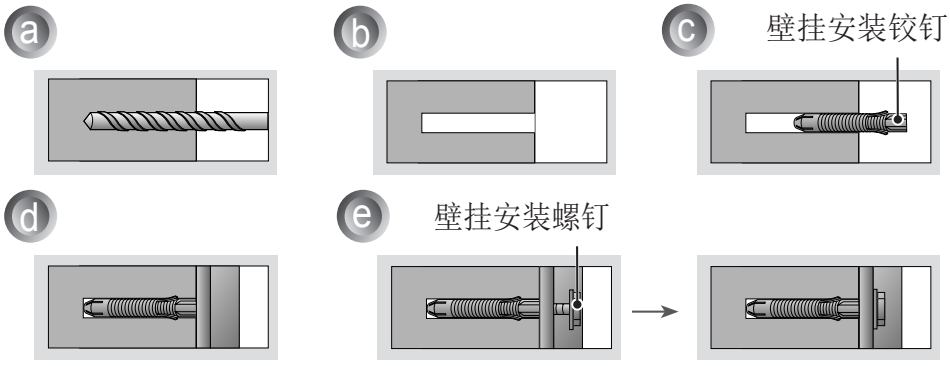
工作步骤

1. 取下已装入安装孔中的任何螺钉。
2. 按图示顺序安装带头垫圈和带头垫圈螺钉。
   - 将 TV 面朝下放在桌子上。 请确保将 TV 放在铺了软布或垫子的平坦表面上，以防划伤。
   - 用螺钉将导向垫圈固定至电视。拧紧螺钉，直至 TV、带头垫圈和螺钉牢固地连接在一起。
   - 使用十字螺丝刀（手动或机动）拧紧螺钉。

2 如何安装铰钉和螺钉

请按下面的说明操作。

- 检查墙壁材料及装饰层厚度。
- 对于使用混凝土、轻质混凝土、软卵石、硬卵石、砖块或空心砖砌成的墙壁，可以使用 TV 附带的铰钉和螺钉。
- 不要将设备安装在使用灰泥板或中密度纤维板 (MDF) 制作的墙壁上。 在这些墙壁上，必须将铰钉和螺钉打入抛光表面后面的混凝土中。 如果另一面没有混凝土，那么您必须先安装独立的挂钩，用以牢固地安装铰钉和螺钉。
- 当将产品安装在本手册中未指定的墙壁上时，请确保安装位置可以承受 70 kgf (686 N) 负荷及 100 kgf (980 N) 及以上剪切负荷。



– 使用 Ø 8 毫米钻头（对于混凝土）和冲击钻。

a. 使用 Ø 8 毫米钻头，钻一个深 80 毫米 至 100 毫米的孔，用于安装铰钉。

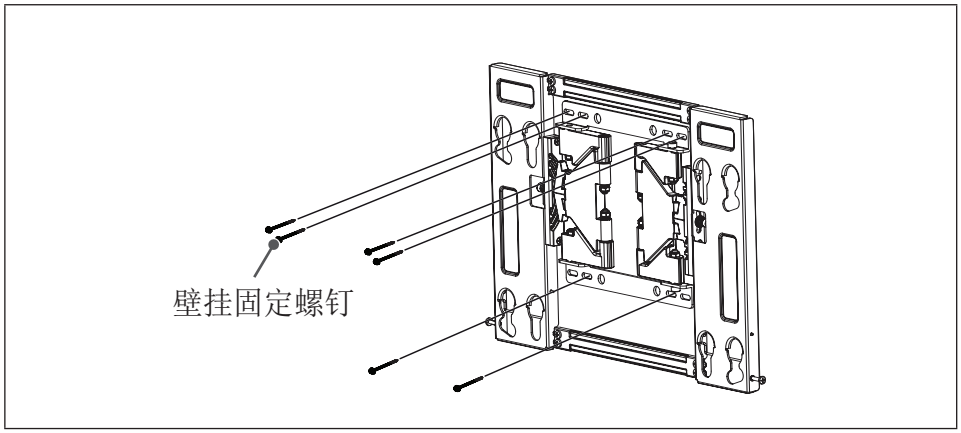
b. 清理钻好的孔。

c. 将附带的铰钉插入孔中。 （插入铰钉时需使用锤子。）

d. 将壁挂支架放置在靠近墙壁的位置。 面朝上放置角度调整附件。

e. 将壁挂支架固定螺钉插入孔中并拧紧。 使用推荐的 45 kgf/cm 至 60 kgf/cm 或更大扭矩拧紧螺钉。

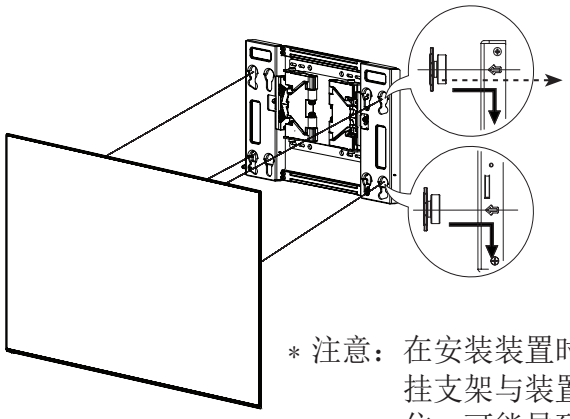
3 安装壁挂支架



→ 将壁挂支架与安装位置对齐后，在墙上标出要打螺钉的位置，然后拿开壁挂支架。
→ 参照下图连接壁挂支架。
→ 使用水平尺检查壁挂支架是否水平。
→ 如果难以在指定位置拧紧螺钉，可以在其他最靠近的位置拧紧螺钉。 注意，更换的拧紧位置不应超过 2 个。
→ 在壁挂支架左上角和右上角分别拧紧 2 个壁挂固定螺钉，在左下角和右下角分别拧紧 1 个螺钉。
→ 使用十字螺丝刀（手动或电动式）或 8 毫米扳手拧紧螺钉，直至墙壁、壁挂支架和螺钉牢固地结合在一起。

4 如何组装壁挂支架和产品

- 安装产品需要两个人或更多人。



插入带头垫圈时，将其中心与图中所示的箭头对齐，即可轻松装入。

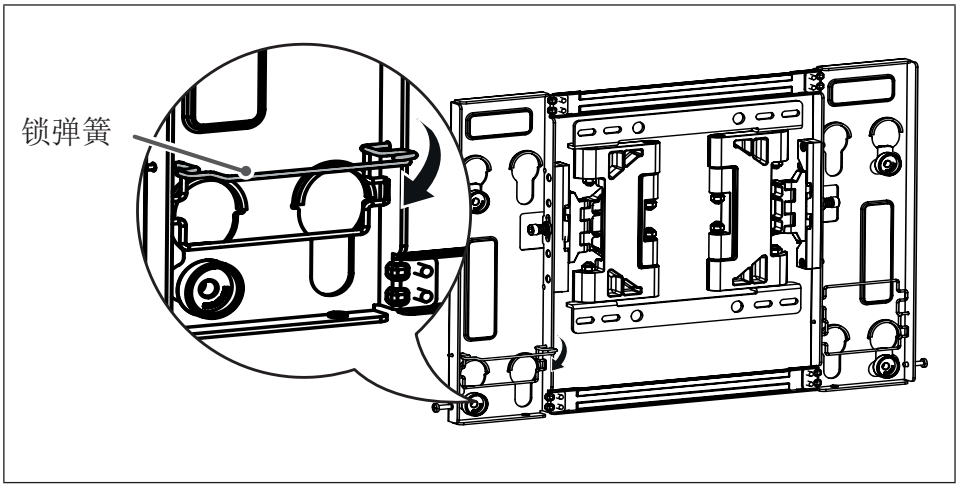
* 注意：在安装装置时，请勿让电源线夹在壁挂支架与装置之间。（电源线若被夹住，可能导致产品损坏。）

→ 将带头垫圈连接到装置后，按箭头所示方向将装置挂在壁挂支架上。 首先连接下部分，再通过轻微提升装置来连接上部分。
– 拉动装置的底部，确保产品安装牢固。
– 安装带有扬声器的产品时，应抓住并提起产品而不是扬声器。

5 固定锁弹簧

– 将装置固定到壁挂支架上后，向下拉动壁挂支架底部的锁弹簧。

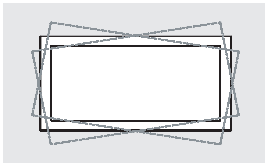
* 注意：如果壁挂支架未安装牢固，则装置可能会掉落，导致产品损坏或人身伤害。

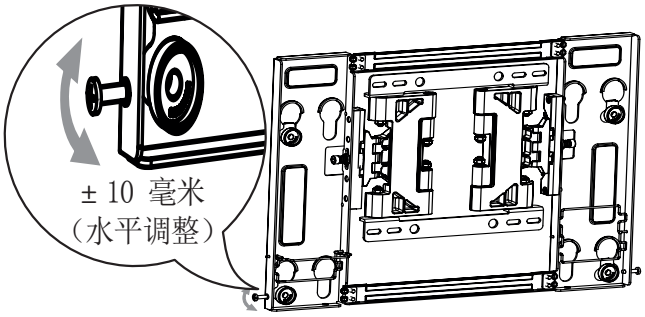


6 调整产品水平的方法

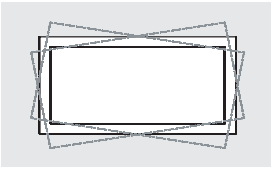
– 如果安装后产品不水平，请使用螺钉进行调整。（根据螺钉旋转方向，产品会向上或向下移动。）

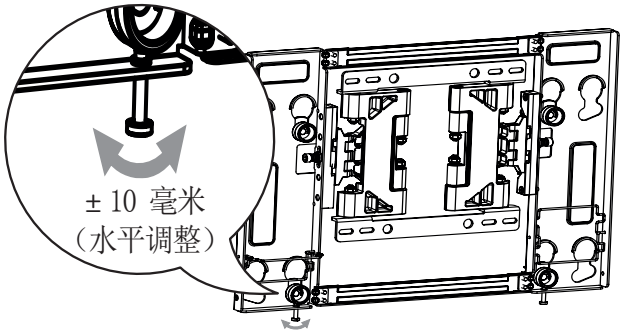
〈400 x 200〉





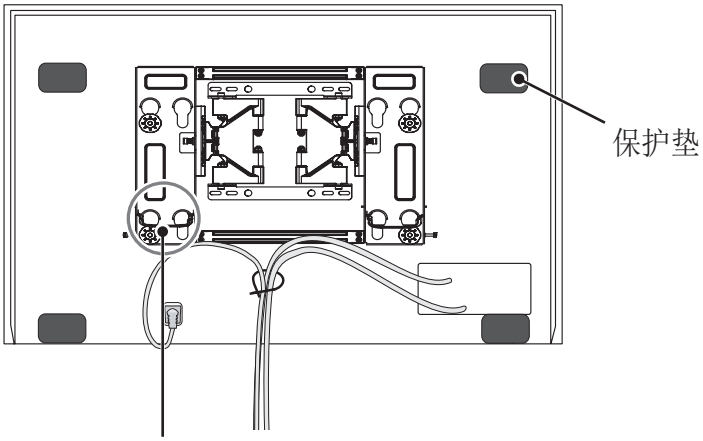
〈300 x 200〉





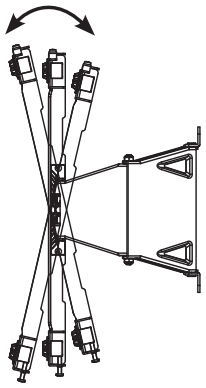
7 如何整理电缆和安装保护垫

– 如图所示整理电缆。 请购买用于整理电缆的扎带，或者使用电视机随附的扎带。
– 安装保护垫以减轻墙壁与电视机之间在调整角度时相互碰撞产生的冲击。 如图所示，在所需位置安装。

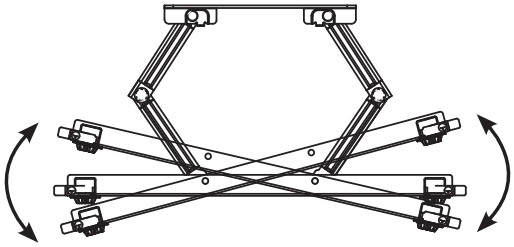


＊ 注意：防止电源线和电缆夹在壁挂支架与墙壁之间。

规格

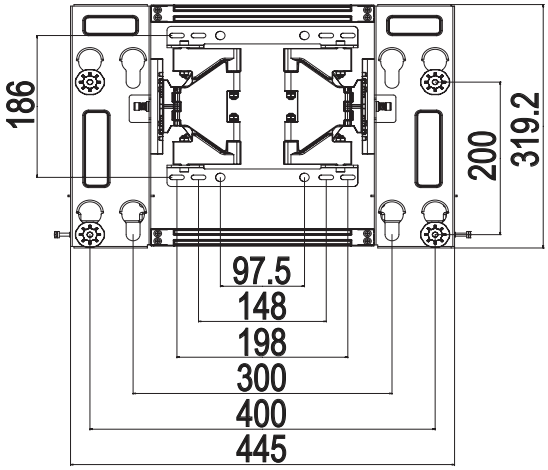


12±2°

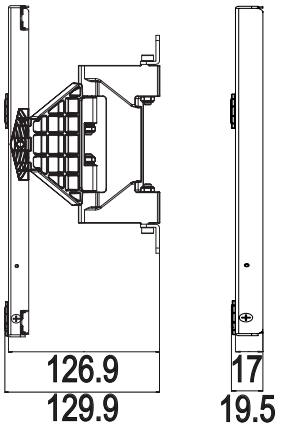


15±2°

［单位：毫米］



最大　　最小



型号名称	OTW420B
宽度(毫米)	445
高度(毫米)	319.2
厚度(毫米)	17
产品重量（千克）	2.7
壁挂支架 VESA 规格	400 x 200 300 x 200
最大张力负荷（千克）	32



产品型号和序列号位于产品背部或某一侧。
请在下面记录此信息，以备维修时使用。

型号 _____

序列号 _____

适用型号
（请联系零售商或参阅电视机的使用说明书以了解适用型号。）