



使用說明書 液晶體電視

使用電視之前，請仔細閱讀本手冊，并妥善保管以供日後查閱。

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55LM8600

55LM9600



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<http://www.lg.com>

目錄

3 授權

3 開放源碼注意

4 安全指引

10 觀看 3D 影像

12 安裝順序

12 組裝和準備

- 12 附件
- 14 另購產品
- 15 零件和按鍵
- 16 抬起和移動電視機
- 17 裝配電視機
 - 17 - 底座安裝
 - 18 - 臺式安裝
 - 19 - 壁式安裝
 - 20 - 整理纜綫

21 建立連接

- 21 天綫 / 有綫連接
- 22 HDMI 連接
- 23 DVI 連接至 HDMI
- 23 MHL 連接
- 24 RGB-PC 連接
- 24 色差連接
- 25 復合連接
- 25 音頻連接
 - 25 - 數字光學音頻連接
- 26 USB 連接

27 神奇遙控器

- 28 登記神奇遙控器
- 28 如何使用神奇遙控器
- 28 使用神奇遙控器時的注意事項

29 遙控器

30 使用“使用指南”

31 維護

- 31 清潔電視機
 - 31 - 螢幕，邊框，前框和底座
 - 31 - 電源綫

31 疑難排解

32 產品規格

⚠ 警告

- 如無視警告訊息，可能造成重傷或出現事故或死亡。

⚠ 注意

- 如無視提示訊息，可能造成輕傷或使產品遭受損壞。

❗ 注

- 注釋幫助了解及安全使用產品。使用前，請仔細閱讀備注資訊中的正確用法。

授權

支援的授權因型號的不同而有所分別。如欲獲取更多關於授權的資訊，請瀏覽 www.lg.com。



在杜比系統實驗室授權下制造。“Dolby”和雙D標識是 Dolby Laboratories 的商標。



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開放源碼注意

欲獲取 GPL、LGPL、MPL 和其他開放源碼許可證下的源代碼（載于本產品之中），請瀏覽 <http://opensource.lge.com>。

除源代碼外，還可下載所有的許可證條款、免費聲明和版權聲明。

安全指引

使用本產品前請仔細閱讀安全防範措施。

⚠ 警告



- 切勿將電視和遙控器置于下列環境中：
 - » 陽光直射的地方。
 - » 濕度較大的位置，如浴室。
 - » 靠近任何熱源，如爐竈以及其他釋放熱量的設備。
 - » 靠近廚房臺面或易于接觸蒸汽或油的加濕器。
 - » 靠近盛水的容器，如花瓶。
 否則可能導致火災、電擊、故障或變形。



- 切勿將產品放在會接觸粉塵的地方。
可能導致火災。



- 電源插頭為切斷裝置。插頭必須始終保持可用狀態。



- 手濕時切勿觸摸電源插頭。另外，如果軟綫插腳潮濕或覆蓋灰塵，則將插腳徹底清除或擦掉灰塵。
濕度過大可發生觸電危險。



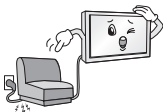
- 確保將電源綫連接至正確接地的插座。（無需接地的設備除外。）
否則可能導致觸電或受傷。



- 將電源綫完全固定。
如電源綫未完全固定，可能造成火災。



- 確保電源綫遠離發熱物體，如加熱器。
否則可能導致火災或發生觸電危險。



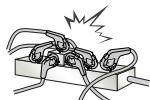
- 切勿將較重物體或產品放置于電源綫上。
否則可能導致火災或發生觸電危險。



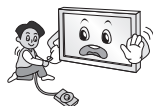
- 將建築物內外之間的天綫電視弄彎，防止雨水進入。
水可能進入電視機內部導致電擊。



- 將電視機安裝至牆面時，切勿將電視機電源綫和信號綫挂在電視機背面。否則可能造成火災或者發生觸電危險。



- 切勿將太多電器設備插在同一個多插孔電源插座。否則可能會由于過熱發生火災事故。



- 連接外部設備時，切勿使產品跌落。否則可能造成人身傷害或損壞產品。



- 將抗潮濕材料或包裝材料置于兒童無法觸及的地方。吞食抗潮濕材料，會對身體造成傷害。如不慎吞食，應強迫吞食者將其吐出來并就近就醫。另外，塑料包裝材料會造成窒息，應將材料置于兒童無法觸及的地方。



- 切勿將兒童攀爬到電視機上或抱住電視機。否則電視機可能翻倒，從而造成嚴重傷害。



- 謹慎處理廢舊電池以防兒童吞食。萬一誤食，請立即就醫。



- 電源綫一端連接至牆上的輸入接綫柱時，切勿將導體（如金屬塊）插至另一端。另外，將電源綫與牆上的輸入接綫柱接通後，切勿觸摸電源綫，否則可造成觸電危險。（視型號而定）



- 切勿將易燃物儲存在產品附近。否則可能由于易燃物處理不當，發生爆炸或火災。



- 切勿將金屬物體，如硬幣、發夾、筷子、或電源綫投入產品中。兒童應尤其注意。負責可能發生觸電、火災或者人身傷害。如異物掉到產品中，拔開電源綫并聯系服務中心。



- 切勿向產品潑水或用易燃物（稀釋劑或苯）擦洗產品，否則可能發生火災或觸電事故。



- 切勿使產品遭衝擊震動或讓任何物體掉到產品中或使任何物體掉到螢幕上。否則會造成人身傷害或損壞產品。



- 切勿在打雷或閃電暴風期間觸摸本產品或天綫。否則可能造成觸電。



- 出現煤氣泄漏時切勿觸摸壁裝電源插座，同時打開窗戶通風。否則可能造成火災或被火化燒傷。



- 切勿私自拆卸、維修或修改產品。否則可能造成火災或觸電事故。聯絡服務中心對產品進行檢查、校準或修復。



- 如出現以下任一情況，請立即斷開產品電源綫并立即聯絡當地服務中心。
 - » 產品受到衝擊影響。
 - » 產品受到損壞。
 - » 產品進入異物。
 - » 產品冒烟或產生異味。
 否則可能造成火災或觸電事故。



- 如果長期不使用產品，將產品電源綫斷開。覆蓋灰塵可能造成火災或者絕緣老化可能造成漏電、觸電或火災。



- 切勿將設備暴露在油滴或噴霧中，不要將裝水的容器如花瓶放置在設備上。

⚠ 注意



- 將產品安裝在沒有無線電波的地方。



- 室外天綫與電源綫之間應有充分間距，以防天綫落下時室外天綫于電源綫解除。如兩者接觸，則會導致觸電。



- 禁止將產品安裝在不固定的擱架或傾斜面上，并且避免將產品安在裝在震動或不能完全支撐產品的地方。否則，產品會跌落，造成損傷。



- 如果您打算將產品安裝在置物臺上，則需采取措施避免產品翻轉。否則，產品會跌落，造成損傷。

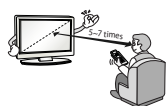
⚠ 注意

- 如果進行壁式安裝，請在電視機背面安裝 VESA 標準挂架（可選部品）。當您使用挂架（可選部品）安裝電視機時，請仔細固定以防掉落。

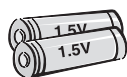
- 祇可采用制造商指定的附屬裝置 / 配件。



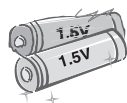
- 安裝天綫時，應該諮詢合格技術人員。
這可能造成火災或電擊隱患。



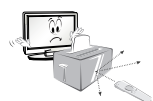
- 我們建議您在看電視時，至少保持距電視機螢幕 5 到 7 倍螢幕對角綫的長度。
如果長時間看電視會引起視覺模糊。



- 祇可采用指定電池。
否則可能損壞遙控器。



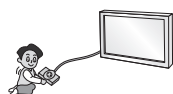
- 禁止新舊電池混合使用。
否則會導致電池過熱或電池液體損壞。



- 確保遙控器和測感器之間沒有異物。



- 遙控器信號可能會受到太陽光或其他強光的影響，所以，請調暗屋內光綫。



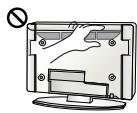
- 當連接外部設備如電子遊戲控制臺時，確保連接綫足夠長。
否則，產品易翻倒，以致造成損傷或損壞。



- 禁止透過從壁裝電源插座上拔插產品電源插頭的方式開關產品。（禁止將電源插頭用作開關。）
這樣做可能會導致機械事故或觸電。



- 請遵照以下安裝指南，以免產品過熱。
 - » 牆面和產品之間的距離至少為 10cm。
 - » 禁止將產品安裝在不通風的地方。（如書架或櫥櫃）。
 - » 禁止將產品安裝在地毯或墊子上。
 - » 確保通風口沒有被桌布或窗簾遮擋。
 否則可能導致火災。



- 注意不要触摸通风口，因为电视开太久，通风口可能会变得比较热，但这并不会影响产品的运行或性能。

- 定期检查电器缆线，如发现其外表已损坏或老化，应拔掉该软缆线，停止使用该电器，并由合格人员替换该缆线。



- 避免灰尘聚集在电源插头的插销或插孔上。否则可能导致火灾。



- 确保电源线外观不受损坏且不受机械性损伤，如弯曲、扭结、挤压、门压或踩踏。特别需注意插头、壁装电源插座以及电器出线处。



- 禁止用手或其他锋利的物体，如指甲、铅笔或钢笔用力按在面板上，禁止在面板上留下任何刮痕。



- 避免触摸荧屏或将手指长时间对着荧幕。这样可能会对荧幕造成一些临时的失真效应。



- 当清洗产品及其部件时，首先拔掉电源，然后用一张软布进行擦洗。不得使用玻璃清洁液、汽车或工业发光体、研磨材料或蜡、苯、酒精等。这些均可能损坏产品及其面板。否则，也可能引起火灾、触电、或产品损坏（变形、腐蚀或破损）。

- 只要该装置连接上 AC 壁装电源插座，即使您透过开关关掉该装置，也无法从 AC 电源处断开。



- 当拔掉电缆时，需抓住插头，然后再拔掉。如电源线内部的线断开，则易引起火灾。



- 在移动产品时，确保翻转电缆、天线电缆以及所有连接电缆。否则，可能损坏电视或电缆，导致火灾或触电。



- 在移动或拆卸产品时，因产品过重，所以需两人一组进行移动或拆卸。否则可能造成人身伤害。



- 聯絡服務中心（每年一次）對產品的內部件進行清洗。累積的灰塵可能會引起機械故障。



- 當儀器受損時，如當電源綫或插頭受損，液體溢出或有雜質掉入儀器、儀器遭雨水衝洗或受潮，且不能正常運作或已經脫落時，需安排人員進行維修。



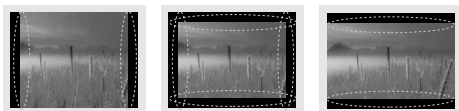
- 如果產品摸起來感覺很冷，當打開時有一絲絲的「閃爍」，屬於正常現象，實際上產品本身沒有問題。



- 面板屬於高科技薄膜電晶體產品，具備 200 萬到 600 萬像素的清晰度。您可能會看到微小的黑點和 / 或彩色點（紅、藍或綠色）（表示出現故障），但這不會影響產品的性能和可靠性。該現象同樣還出現在第三方產品上，所以不予更換或退款。



- 由于觀看角度不同，面板上會出現不同的亮度和色度（左 / 右 / 上 / 下）。這種現象是面板特性，與電視機性能無關，不是電視機故障。



- 長時間顯示靜態圖像（如廣播頻道標識、屏幕菜單、電視游戲場景）可能損傷螢幕，留下影像痕迹，這就是影像殘留。產品的保修範圍不包括有影像殘留的產品。觀看靜態圖像的時間不得超過一小時。如果長時間觀看比率為 4：3 的電視，影像殘留現象可能會出現在面板邊緣。這種現象也可能出現在第三方產品中，所以不予更換或退款。

• 雜音

“噼噼啪啪”噪音：因為溫度和濕度的原因，觀看或關閉電視機時出現的噼啪聲是因塑料熱收縮產生的，這是會發生熱變形的產品的普遍現象。

電路或面板的嗡嗡聲：電路高速開關過程中產生的大量電流會導致低頻噪音，這種情況因產品不同而有所差異。

產生的雜音不影響電視機性能。

觀看3D影像

⚠ 警告

觀看環境

• 觀看時間

觀看3D電視時，每小時休息5-15分鐘。長時間觀看3D電視可能會導致頭痛、頭暈、疲勞或視覺疲勞。

感光疾病或慢性病患者

- 一些用戶暴露于3D電視的閃光燈或特殊模式中時，可能會突發疾病或產生其他癥狀。
- 當您感覺惡心、懷孕和/或患有如癲癇、心臟病、高血壓等慢性病時，請勿觀看3D視頻。
- 不建議患有立體聲失明或立體聲異常的人群觀看3D電視。可能會產生重影或不適。
- 如果您患有斜視、弱視或散光，由于雙影像您可能會在感覺深度上有障礙，并更易疲勞。建議您經常休息。
- 如果您的左右眼視力不同，在觀看3D電視之前請先矯正視力。

需要停止觀看3D電視的癥狀

- 當您因為缺乏睡眠、工作過度或飲酒而感覺疲勞時，請勿觀看3D電視。
- 發生以下癥狀時，停止使用/觀看3D電視并休息直至癥狀減輕。
 - » 如果癥狀持續請諮詢醫生。癥狀包含頭痛、眼睛疼、頭暈、惡心、心悸、模糊、不適、重影、視覺不便或疲勞。

⚠ 注意

觀看環境

- 視距

觀看 3D 影像時，至少保持電視機螢幕對角線尺寸2倍的距離。如果觀看時感到不適，請遠離電視機。

觀看年齡

- 幼兒/兒童

禁止5歲以下兒童使用/觀看3D電視。

10歲以下兒童因為想象力在發展中（例如：試圖觸摸屏幕或跳進去），可能會反應過度以至于過度興奮。

兒童觀看3D電視時需要特別的監督和注意。

由于兒童的眼距比成人較短，所以雙眼觀看到的3D顯示差异較大。因此同樣的3D圖像，相對於成人來說，兒童將體驗到更強的立體感和深度。

- 青少年

19歲以下的青少年可能由于3D電視中的光綫刺激產生敏感反應。建議他們疲勞時避免長時間觀看3D電視。

- 老年人

老年人相比青年感受到的3D效果較弱。不要坐在比建議距離更靠近電視機的地方。

使用3D眼鏡注意事項

- 確保使用3D眼鏡。否則您無法正確觀看3D電視。
- 請勿用3D眼鏡替代普通眼鏡、太陽鏡或護目鏡。
- 使用修改過的3D眼鏡可能會造成視覺疲勞或圖像失真。
- 請勿將3D眼鏡放在溫度極高或極低的地方，可能會導致變形。
- 3D眼鏡易碎、易刮傷，請使用柔軟的布擦拭鏡片。請勿用鋒利的物體刮擦、或用化學品清潔/擦拭3D眼鏡的鏡片。

！ 注

- 顯示的圖像可能與電視有所不同。
- 電視的 OSD（螢幕菜單）可能與本手冊中顯示的有所不同。
- 可用功能表和選項也可能不同於您目前正使用的輸入源或產品型號。
- 在不久的將來，此系列的電視中可能還會融入新的產品功能。
- 爲了減少電源消耗，電視可以以待機模式放置。並且在沒有人觀看的情況下，您可以關閉電視，這樣可以減少能源損耗。
- 在使用過程中，如果畫面亮度水平被降低，電源消耗能夠大量減少，並且這將全面降低電視機的運轉成本。

安裝順序

- 1 打開包裝箱，確認包含所有附件。
- 2 將底座安裝到電視機上。
- 3 連接外部設備到電視機上。
- 4 確認網絡連接是可用的。
祇有在建立網絡連接後，你才能使用電視機的網絡功能。

組裝和準備

附件

檢查您的包裝箱內是否有以下物品。

如果缺少附件，請聯絡您購買產品的當地經銷商。

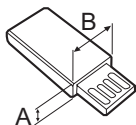
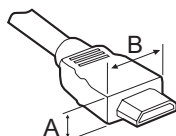
本手冊中的圖例可能會與實際產品和物品有差異。

！ 注意

- 請勿使用未經核準的物品，以確保安全和產品使用壽命。
- 因使用未經批准的物品而造成的任何損壞或傷害，都不在保修範圍之內。
- 某些型號的螢幕上覆有薄膜，請勿移除。

！ 注

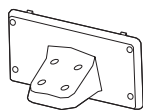
- 與產品隨附的一些物品，可能會因型號的不同而有所分別。
 - 如產品功能升級，可能會在未事先通知的情況下，對產品或本手冊中的內容進行更改。
 - 如果是 USB 電纜和 USB 記憶體則使用支援 USB 2.0 的延伸電纜。
- 如想達到最佳連接效果，HDMI 纜纜和 USB 設備厚度不超過10 mm，寬度不超過18 mm。



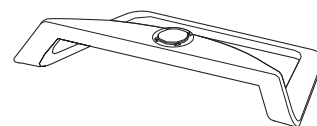
$A \leq 10 \text{ mm}$
 $B \leq 18 \text{ mm}$



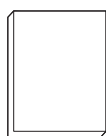
機身



底座支架



底座



用戶手冊

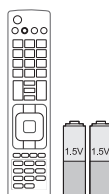


× 4 個

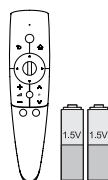
3D 眼鏡

× 8 個
M4 x 20

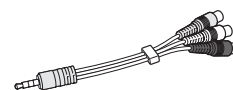
底座安裝螺絲



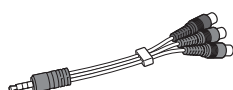
遙控器、電池 (AAA)



神奇遙控器、電池 (AA)



複合視頻纜線



色差視頻纜線



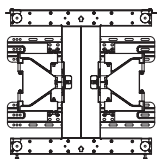
清潔布
(使用此清潔布擦除前框上的灰塵。)

另購產品

另購的產品可爲了改進而進行更換或修改，并不予通知。

如要購買這些物品請聯系您的經銷商。

這些產品祇在某種型號下才可使用。



壁掛支架
LSW400BX, LSW400BXG
(見 P19)



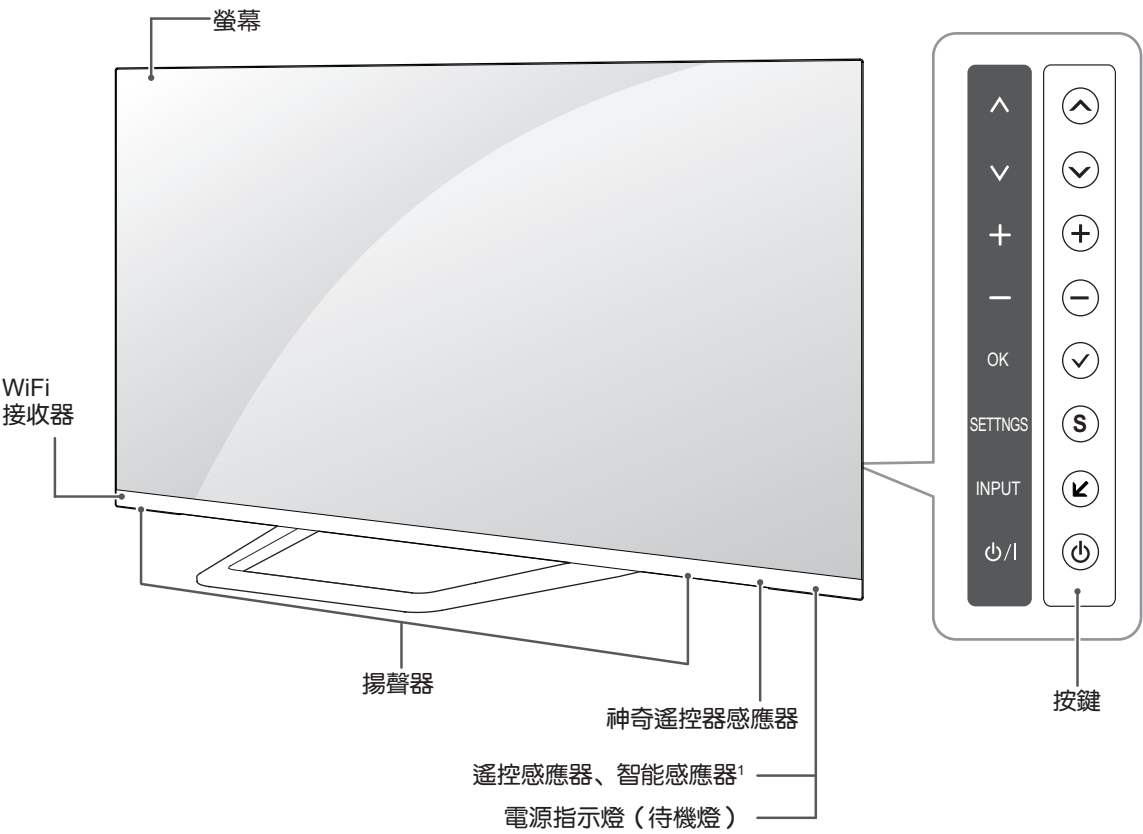
3D 眼鏡
(根據您的需要，您可以購買
更多的 3D 眼鏡。)



雙人遊戲眼鏡



零件和按鍵



按鍵	說明
▼ ▲	頻道選擇。
+ -	調整音量大小。
OK	確定所選操作。
SETTINGS	進入主選單，保存您的輸入源或退出選單。
INPUT	改變輸入源。
⏻/⏻	開啓或關閉電源。

1 智能感應器 - 根據周圍環境調節背光度。

！ 注

- 通過選擇主選單中的其他選項，您可以設置待機燈開啓或關閉。

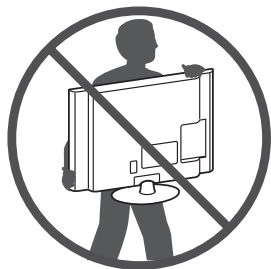
抬起和移動電視機

在抬起和移動電視機時，請閱讀下列事項，以免造成電視機刮傷或損壞，並按其型號大小進行安全運輸。

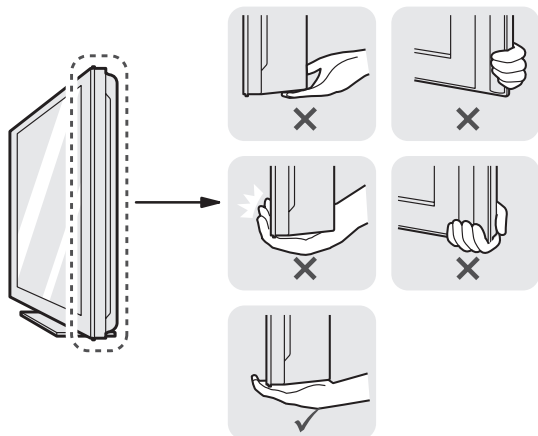
⚠ 注意

- 任何時候都要避免碰觸螢幕，否則可能會損壞螢幕。

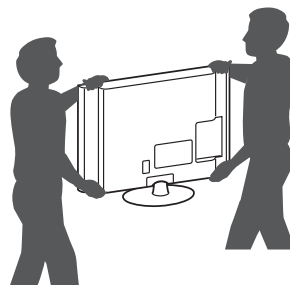
- 我們建議將電視機放進原本的包裝箱或者包裝材料中再做移動。
- 在抬起和移動電視機之前，應拔掉電源線和所有電纜。
- 在抓握電視機時，螢幕應背對您以免損壞。



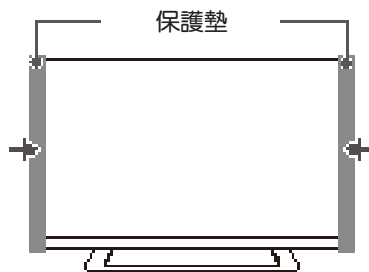
- 牢牢抓住電視機框的頂部和底部。切勿抓住透明部位、揚聲器或者揚聲器底部區域。



- 至少由2人來搬運一部大電視機。
- 用手搬運電視機時，按照下圖所示搬運電視機。



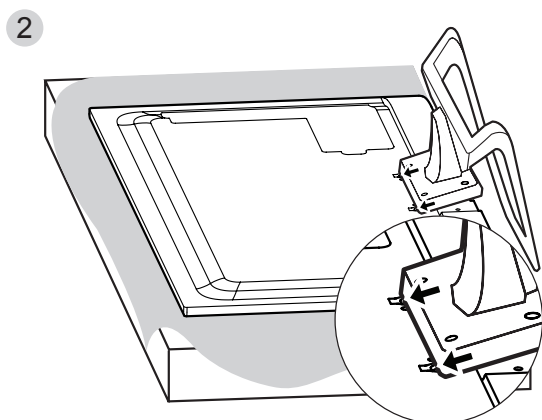
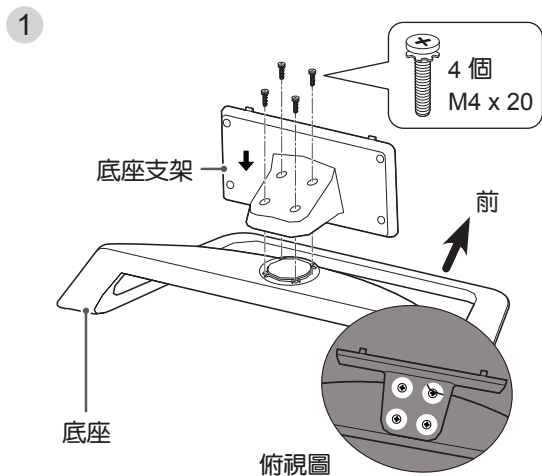
- 在搬運電視機時，請勿使電視機劇烈搖晃或過分震動。
- 在搬運電視機時，使電視機保持豎直。請勿翻轉電視機，或將其向左向右傾斜。
- 無論什麼時候搬運電視機，保護墊應該在電視機兩側。（僅LM8600適用）



裝配電視機

下圖所示僅為示意圖，可能與實物不同。

底座安裝

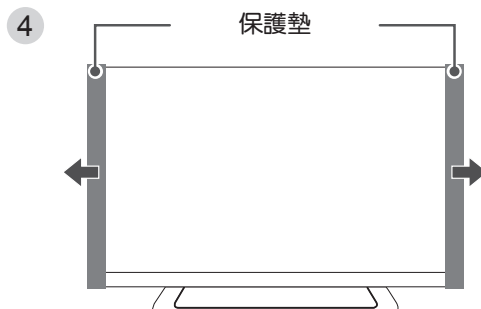
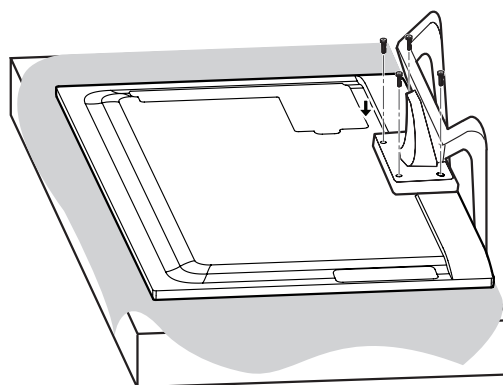
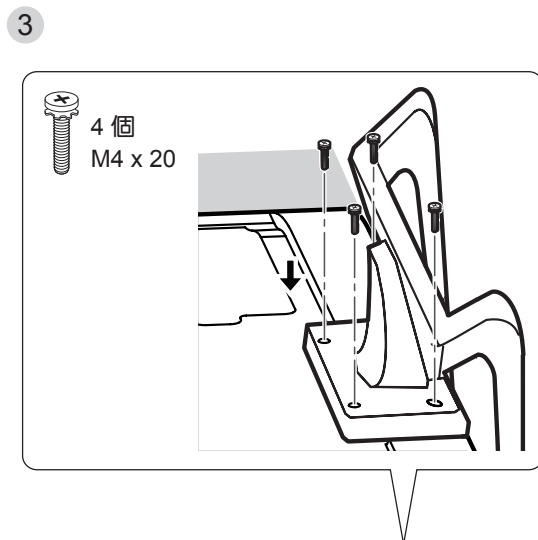


⚠ 注意

- 將底座安裝到電視機時，放置一塊泡沫墊或者柔軟保護布于表面，以免螢幕損壞。

⚠ 注意

- 扭緊螺絲以免電視機向前傾斜，但不能過度扭緊。

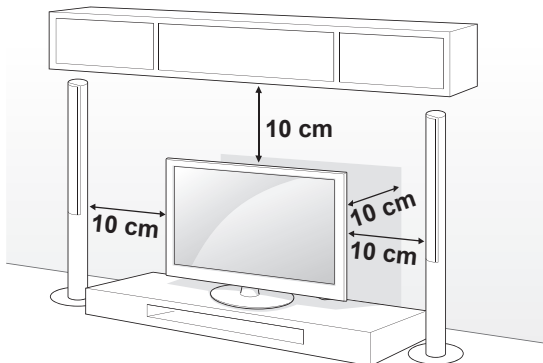


⚠ 注

- 在電視機安裝到牆壁之前將底座按照相反順序從電視上卸除。

臺式安裝

- 1 抬起並將電視機傾斜至直立位置，放在桌子上。
 - 與牆壁間留出 10 cm（最小）空間，用于適當通風。



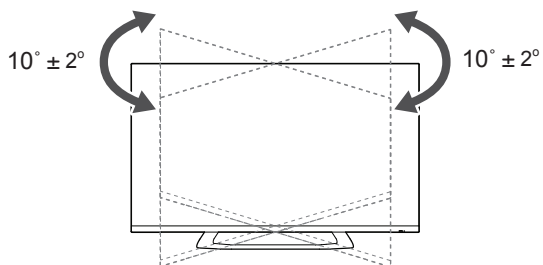
- 2 將電源線連接至壁裝電源插座。

⚠ 注意

- 請勿將電視機靠近或放置于熱源之上，否則可能引致火災或者發生損壞。

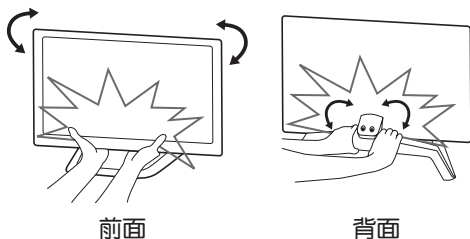
旋轉底座

您可以在 $10^\circ \pm 2^\circ$ 範圍內左右手動旋轉底座以達到最佳觀看視角。



⚠ 注意

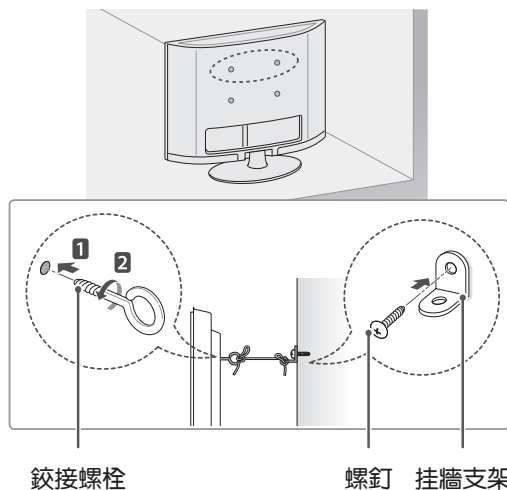
- 當您調整產品角度時，注意您的手指被損傷。如果手或手指被擠壓，可能造成人身傷害。如果產品傾斜太多，它將會跌落，這將引起財產損失或人身傷害。



將電視機固定至牆壁上

（此功能不是所有型號都適用。）

- 1 在電視機背面插入鉸接螺栓并扭緊。
 - 如果在鉸接螺栓位置已插有螺釘，先將螺釘拆下。
- 2 利用螺釘將掛牆支架安裝至牆壁上。
 - 使掛牆支架和電視機後部鉸接螺栓的位置相配。
- 3 用堅固的繩子緊緊連接鉸接螺栓和掛牆支架。
 - 確保繩子與平面保持水平。



⚠ 注意

- 確保兒童不會攀爬或懸吊在電視機上。

！ 注

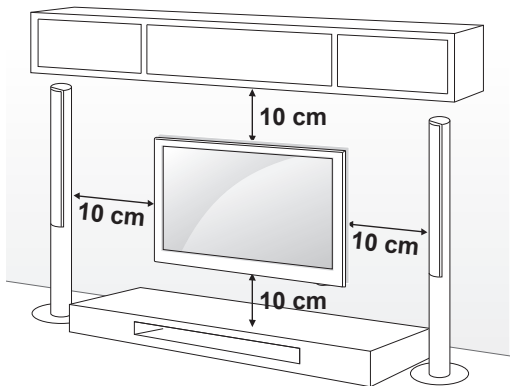
- 使用足夠牢固和足夠大的平臺或電視櫃來牢固支撐電視機。
- 不提供掛牆支架、螺栓和繩子。您可以向當地經銷商購買另外的附件。

壁式安裝

小心地將可選壁掛支架安裝在電視機後部，并將壁掛支架安裝在與地面垂直的實體牆上。

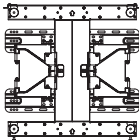
如打算連接電視機至其他建築材料上，請聯絡合格的操作人員。

LG建議由專業安裝人員幫助您安裝壁掛支架。



確保使用符合 VESA 標準的螺絲和壁掛支架。壁掛支架的標準尺寸見下表。

另購產品（壁掛支架）

型號	47/55LM8600 55LM9600
VESA	400 x 400
標準螺絲	M6
螺絲數量（個）	4
壁掛支架（可選的）	LSW400BX, LSW400BXG 

⚠ 注意

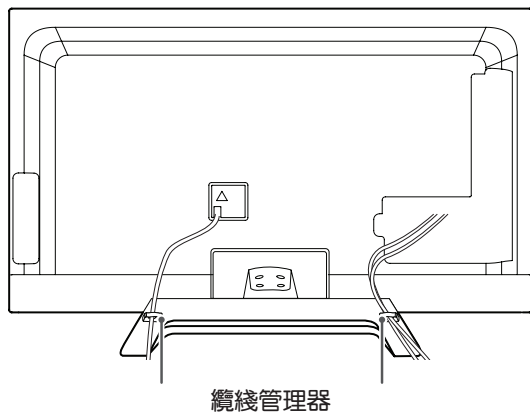
- 首先切斷電源，然後再移動或安裝電視機，否則可能會觸電。
- 如果在天花板或歪斜的牆壁上安裝電視機，電視可能會墜落和導致嚴重傷害。應使用經授權的 LG 壁掛支架，并且聯絡本地經銷商或符合資格的操作人員。
- 請勿過度扭緊螺絲，否則會對電視機造成傷害，并且會令保修無效。
- 使用符合 VESA 標準的螺絲和壁掛支架。錯誤使用或使用錯誤附件造成的損傷和傷害，不在保修範圍內。

! 注

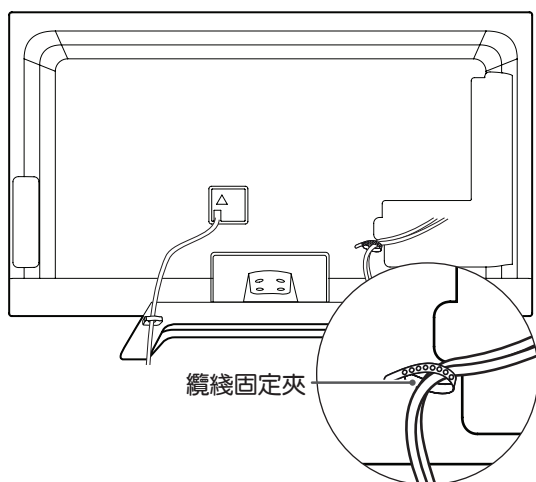
- 使用列于 VESA標準螺絲規範上的螺絲。
- 完整的壁掛支架包含安裝手冊和必要的零件。
- 螺絲的長度因挂架不同而不同。確保使用正確長度的螺絲。
- 如欲獲取更多資訊，請查閱壁掛支架隨附的手冊。
- 壁掛支架是可選物品。您可以從當地經銷商處購買附件。

整理繞綫

- 1 用繞綫管理器集攏和捆綁繞綫。



- 2 用繞綫固定夾集攏和捆綁繞綫，并固定在電視機後蓋上。



⚠ 注意

- 不要通過握住繞綫固定夾移動電視，因為繞綫可能會斷裂，引起電視的損壞和傷害。

建立連接

連接不同的外部設備至電視機，轉換輸入模式以選擇一個外部設備。欲獲取外部設備連接的更多資訊，可以查閱每臺設備隨附的手冊。

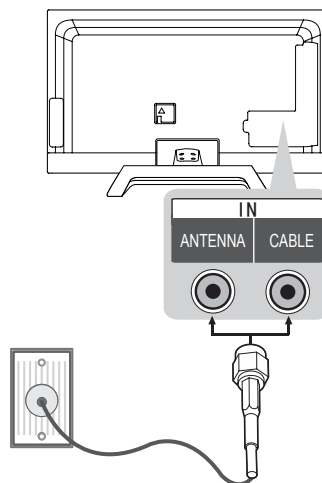
可用外部設備是：硬碟接收器，DVD 播放器，錄影機，音頻系統，USB 存儲設備，個人電腦，遊戲設備和其他外部設備。

！ 注

- 外部連接設備因型號不同而有所分別。
- 不考慮電視接口順序，將外部設備連接至電視機上。
- 若您在一部DVD錄影機或錄影機上錄下電視節目，確認將電視機信號輸入經一部DVD錄影機或錄影機連接至電視機上。欲獲取更多錄影資訊，查閱所連接設備隨附的手冊。
- 請查閱外部設備手冊獲取使用說明。
- 如果您連接一部遊戲設備至電視上，需使用與遊戲設備隨附的纜線。
- 在個人電腦模式中，調整解像度、垂直模式、對比度或亮度時可能會發出噪聲。如果噪聲持續存在，請改變個人電腦輸出到另一個解像度，將刷新頻率調到另一種刷新頻率或在“圖像”菜單上調整亮度和對比度，直至圖像顯示清楚。
- 在個人電腦模式中，依據顯卡的不同一些分辨率設置可能不能正常工作。

天線/有線連接

使用 RF 纜線（75 Ω）連接電視機至牆壁天線端口。



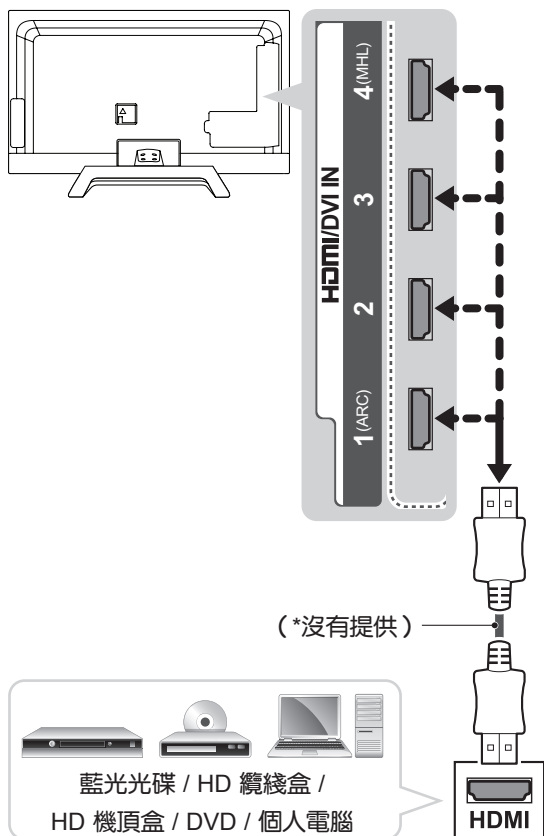
！ 注

- 一個訊號分配器可以用于兩臺或以上電視機。
- 如果畫質較差，安裝一個訊號擴大器可以改善畫質。
- 如果天線連接後畫質較差，則調整天線使其朝向正確方向。
- 天線和轉換器并不隨產品提供。

HDMI 連接

從一部外部設備傳輸數碼視頻和音頻訊號至電視機。按照下圖所示，使用 HDMI 纜線連接外部設備與電視機。

選擇任意一個 HDMI 輸入接口進行連接。
您可以使用任何一個輸入接口。



！ 注

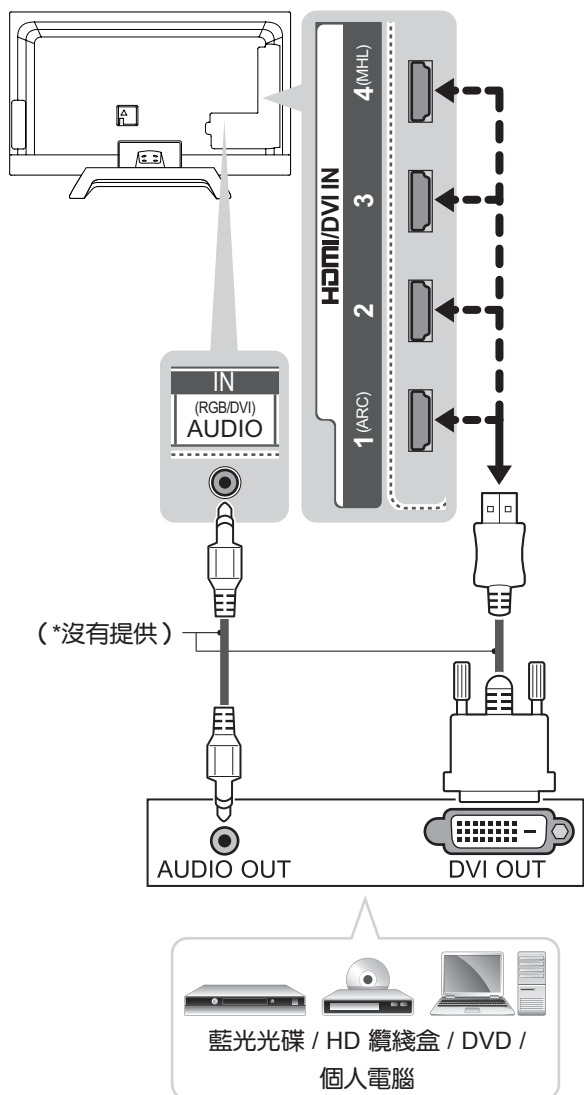
- 為獲取最佳圖像質量，我們建議使用 HDMI 連接。
- 使用帶有 CEC（用戶電子控制裝置）功能的最新高速 HDMI™ 纜線。
- 測試高速 HDMI™ 纜線能否傳輸 1080p 及以上的 HD 信號。
- 支持的 DTV 音頻：MPEG, Dolby Digital。
- 支持的 HDMI 音頻格式：Dolby 數碼, PCM（最高至 192 KHz, 32k/44.1k/48k/88k/96k/176k/192k, 不支持 DTS）。

- ARC（Audio Return Channel）
支持 SIMPLINK 和 ARC 的外部音頻設備必需連接至 HDMI 輸入 1（ARC）接口。
- 當連接高速 HDMI 纜線時，支持 ARC 的外部音頻設備輸出光學 SPDIF（無需音頻纜線），並支持 SIMPLINK 功能。

DVI 與 HDMI 連接

從一部外部設備傳輸數碼訊號至電視機。按照下圖所示，使用 DVI-HDMI 纜線連接外部設備和電視機。欲傳輸音頻訊號，連接一個音頻纜線。

選擇任意一個 HDMI 輸入接口進行連接。
您可以使用任何一個輸入接口。

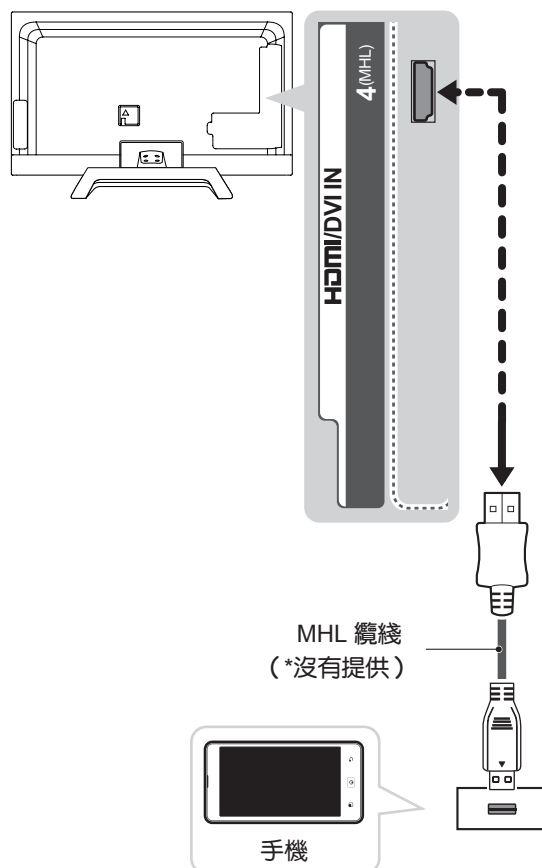


！ 注

- 視具體顯卡而定，如果使用 DVI 纜線連接 HDMI，則 DOS 模式可能無法正常運行。

MHL 連接

移動高清連接（MHL）是從手機傳輸數碼訊號至電視機的接口。

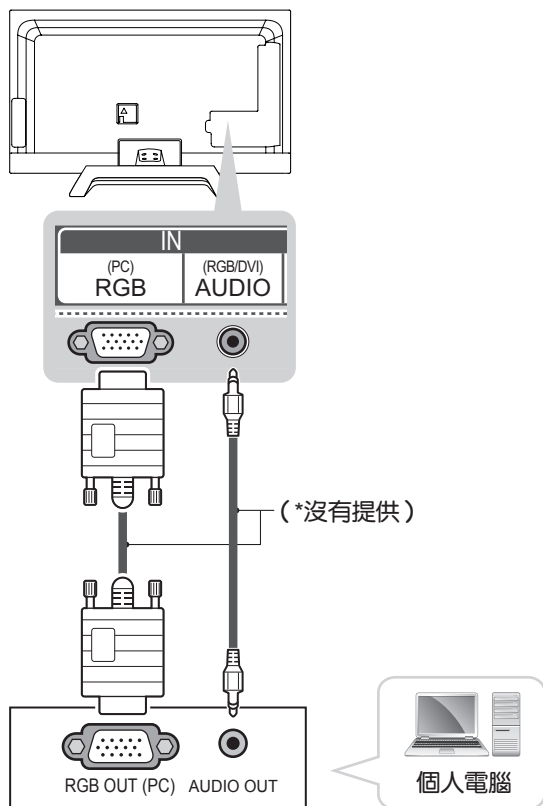


！ 注

- 連接手機至 HDMI / DVI 輸入4（MHL）端口以在電視機上觀看手機螢幕。
- 此功能僅適用於支持 MHL 的手機。
- 一些應用可以使用遙控器操作。

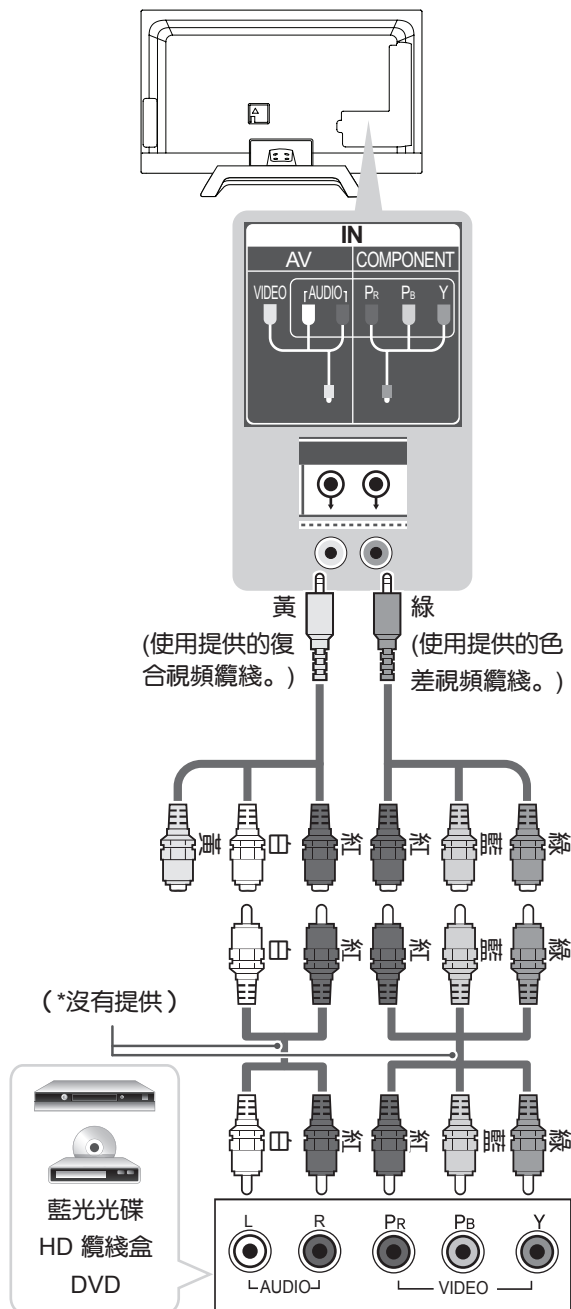
RGB-PC 連接

從您的個人電腦傳輸視頻訊號至電視機。欲傳輸音頻訊號，連接一個音頻纜線。



色差連接

從一部外置設備傳輸模擬視頻和音頻訊號至電視機。按照下圖所示，使用色差視頻纜線連接外部設備與電視機。

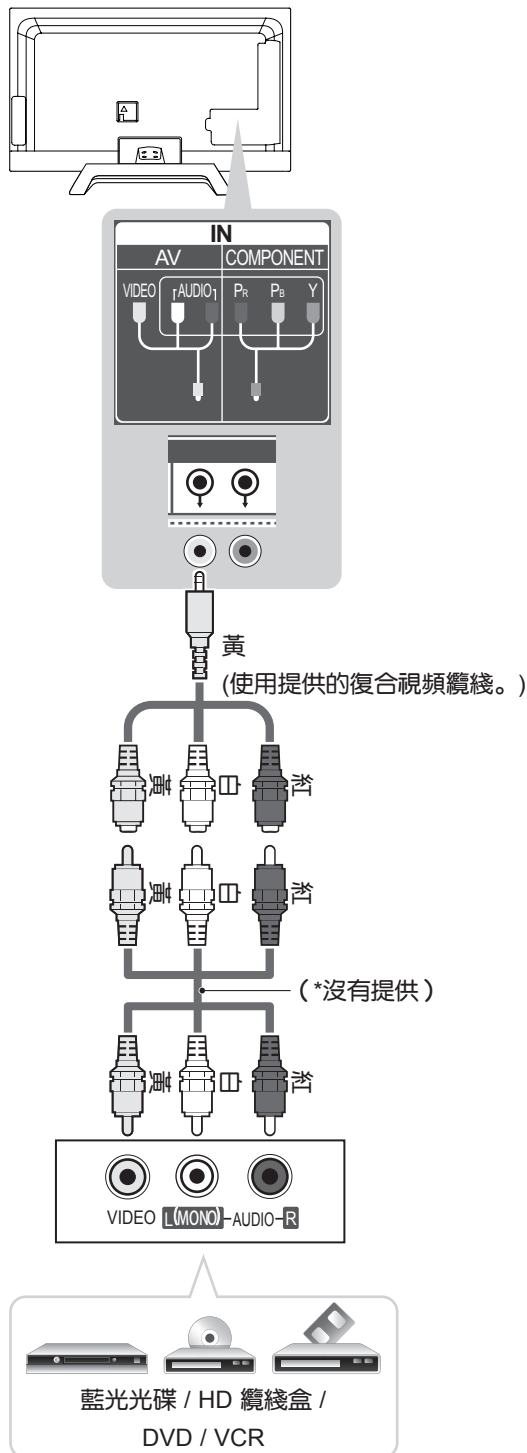


！ 注

- 如果纜線安裝錯誤，畫面可能以黑白或者失真顏色顯示。

復合連接

從一部外部設備傳輸模擬視頻和音頻訊號至電視機。按照下圖所示，使用復合視頻纜線連接外部設備與電視機。



音頻連接

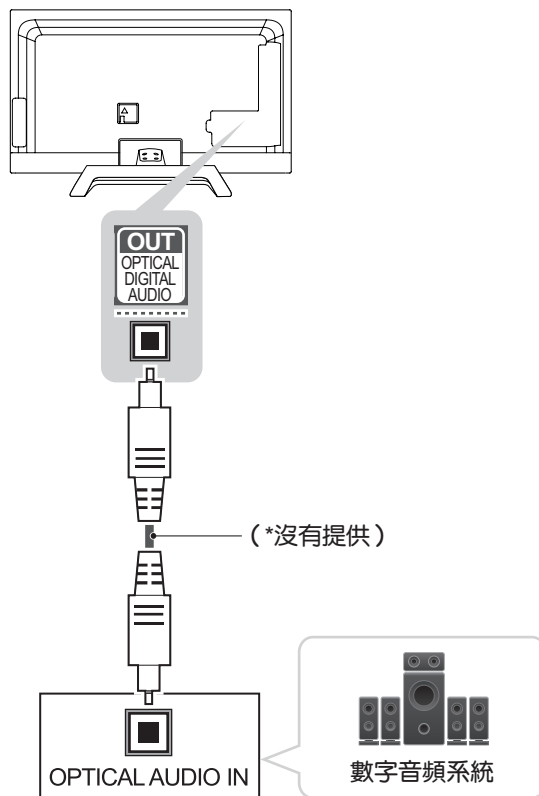
您可以使用配置的外部音頻系統替代電視機內置的揚聲器。

! 注

- 如果您使用配置的外部音頻系統替代電視機內置揚聲器，請將電視機的揚聲器設置為關閉。

數字光學音頻連接

從電視機傳輸數碼音頻訊號至一個外部設備。按照下圖所示，使用光學音頻纜線連接外部設備和電視機。



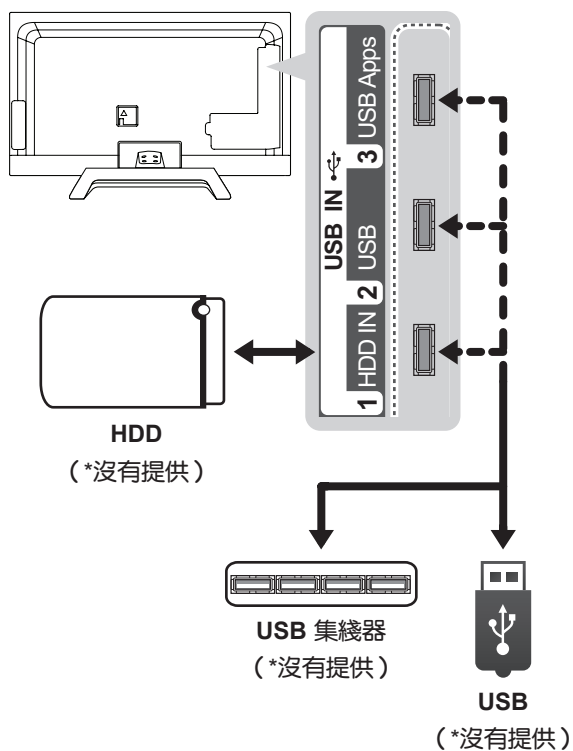
! 注

- 切勿直視光纖輸出接口。
盯着激光束會損傷您的視力。
- 具有 ACP (音頻復制保護) 功能的音頻可能限制數字光纖音頻的輸出。



USB 連接

連接一個 USB 存儲設備，例如 USB 快閃存儲卡讀卡器至電視機，并進入 Smart Share 選單使用不同的多媒體檔案。



！ 注

- 一些 USB 集綫器設備可能不能正常工作。如果使用 USB 集綫器設備連接的 USB 設備不正確，請直接連接至電視機上的 USB 輸入端口。

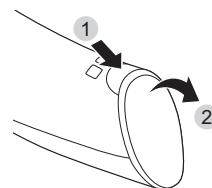
神奇遙控器

當顯示“神奇遙控器電池電量低，請更換電池。”的訊息時，請更換電池。

更換電池步驟：打開神奇遙控器後蓋，按照電池盒內部標識所示的正負極相匹配更換電池（1.5 V AA），合上電池後蓋。

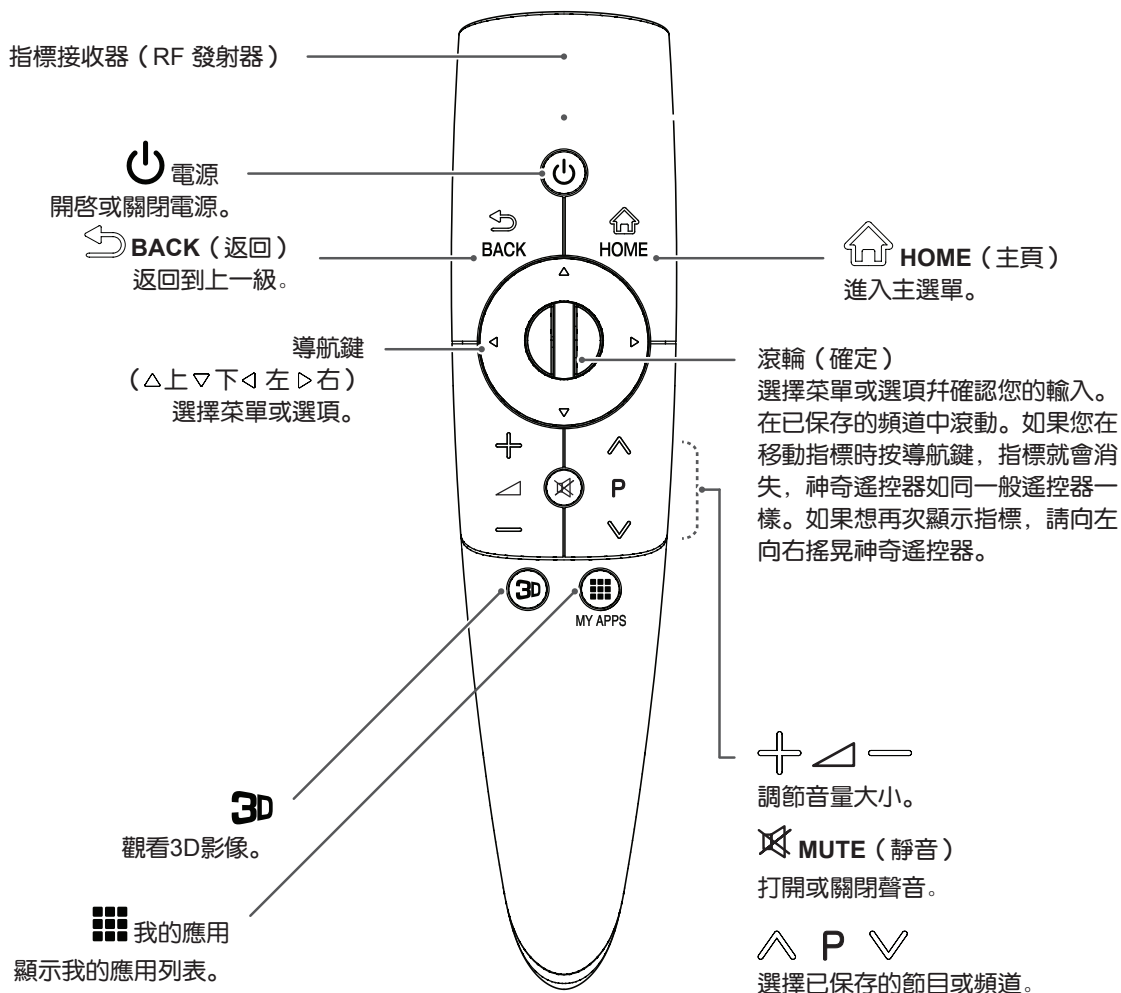
確保將遙控器指向電視機上的神奇遙控器感應器。

欲拆卸電池，請按照相反步驟進行。



⚠ 注意

- 切勿將新舊電池混用，否則可能導致神奇遙控器損壞。



登記神奇遙控器

神奇遙控器與您的電視機配對（登記）後即可使用。

如何登記神奇遙控器



- 1 自動登記神奇遙控器，打開電視機并按滾輪（確定）鍵。登記完成後，在螢幕上將會出現完成信息。
- 2 如果登記失敗，關閉電視機。并重啓，按滾輪（確定）鍵完成登記。

如何再次登記神奇遙控器

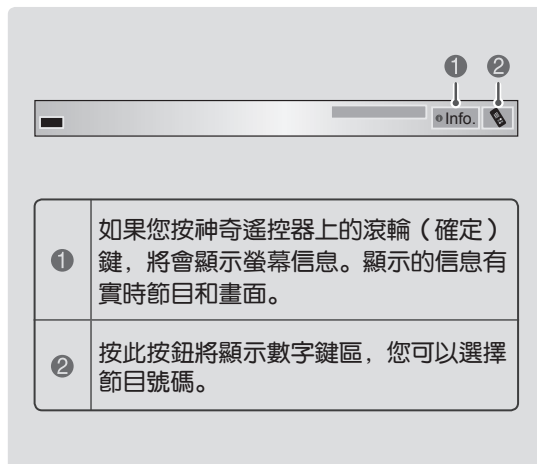


- 1 同時按住 BACK 和 HOME 鍵約 5 秒鐘，使遙控器重設，然後按照“如何登記神奇遙控器”進行登記。
- 2 再次登記神奇遙控器，對準電視按 BACK 鍵約 5 秒鐘。登記完成後，在螢幕上將會出現完成信息。

如何使用神奇遙控器



- 1 若您的電視機螢幕上沒有指標，輕輕地向左向右晃動遙控器。然後，指標將會自動地出現在螢幕上。
» 指標如果一段時間內未予使用，就會消失。
- 2 您可以將遙控器上的指標接收器對準電視機，然後上下左右移動，從而移動指標。
» 如果指標未能正常工作，則將遙控器暫且擱置 10 秒，然後重新使用。



使用神奇遙控器時的注意事項

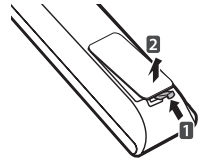
- 在最大通訊距離（10 米）之內使用遙控器。超出此距離使用遙控器或者有物體阻攔時，可能會造成通訊故障。
- 在其他裝置附近使用，可能會造成通訊故障。例如微波爐或網絡區域網絡產品等電器可能會造成幹擾，因為會使用神奇遙控器相同的頻寬（2.4GHz）。
- 如果神奇遙控器掉落或者受到很大衝撞，則可能會遭到損壞或者發生故障。
- 使用神奇遙控器時，小心不要使其撞到附件的家具或其他人。
- 由于相關的無線設備可能會出現電波幹擾，制造商和安裝者不能提供與人身安全相關的服務。
- 建議接入點（AP）應該設置在距離電視機 1 米之外的地方。如果 AP 與電視機之間的距離小于 1 米，神奇遙控器可能由于頻率幹擾而不會如預期一樣工作。

遙控器

更換電池時，打開遙控器電池盒蓋，按照正確極性方向 ⊕ 對 ⊕，⊖ 對 ⊖，插入電池（1.5 V AAA），合上電池後蓋。

確保將遙控器指向電視機上的遙控感應器。

欲拆卸電池，請按照相反步驟進行。



⚠ 注意

- 切勿新舊電池混用，否則可能導致神奇遙控器損壞。
- 在類似型號電視機上或某些國家中，一些遙控器按鍵不可用。



⏻ (電源)	開啓電視機或待機。
📖 (使用指南)	查閱使用指南。
📏 RATIO	調整圖像大小。
📺 INPUT	改變輸入源，打開電視。
📻 TV/RAD	選擇 Radio, TV 和 DTV 頻道。
數字按鈕	輸入數據。
LIST	進入所存儲的節目清單。
Q.VIEW	返回上一個所收看的節目。
+ -	調整音量大小。
FAV	進入您所喜愛的節目清單。
3D	觀看3D影像。
MUTE	關閉或打開聲音。
^ P v	選擇某個節目頻道。
PAGE	跳至上或下一個畫面。
SETTINGS	進入設置選單。
🏠 HOME	進入主菜單。
📺 MY APPS	進入我的應用界面。
導航按鈕 (⬆上⬇下⬅左➡右)	選擇菜單或選項。
OK	選擇選單或選項，並且確認您的輸入。
↶ 返回	返回上一級。
GUIDE	顯示節目指南。
EXIT	清除全部螢幕顯示，並且返回收看電視。
彩色按鈕 (🔴紅 🟢綠 🟡黃 🔵藍)	通過這些按鈕可訪問某些功能表上的特殊功能。
TELETEXT buttons (TEXT T.OPT)	這些按鈕可用于文字電視廣播。
SUBTITLE	數碼模式時選擇想要的字幕。
Q.MENU	進入快捷菜單。
LIVE TV	返回到實時廣播電視。
控制按鈕 (⏮▶⏸⏪⏩)	控制我的媒體選單或者 SIMPLINK 兼容設備 (USB 或 SIMPLINK 或 DVR)。
REC	用來調整 DVR 菜單。
💡 ENERGY SAVING	調整螢幕亮度以降低能源消耗。
INFO	查看目前節目和螢幕信息。
SIMPLINK	查看與電視機連接的 AV 設備。開啓SIMPLINK 菜單。



使用“使用指南”

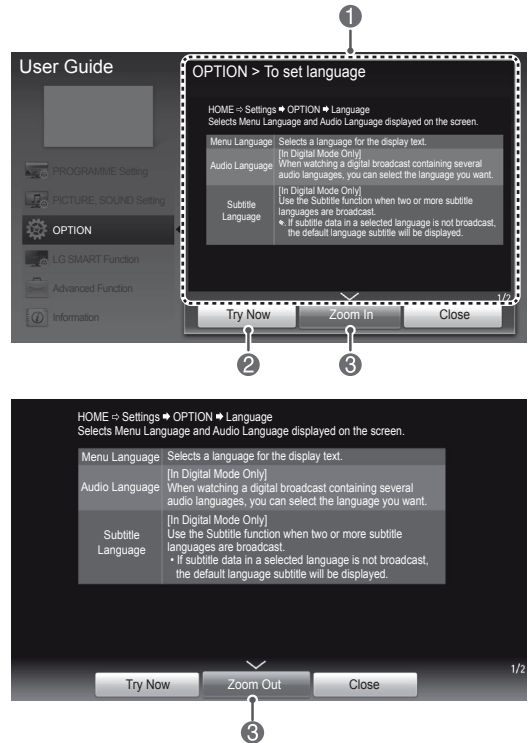
使用“使用指南”，您可以容易地獲取電視的詳細資訊。

- 1 按 HOME 鍵進入主菜單。
- 2 選擇使用指南，并按滾輪（確定）按鈕。

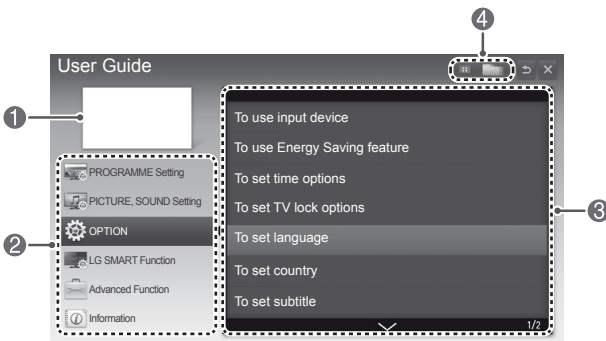


！ 注

- 您也可以按遙控器上的 [?] 按鈕（使用指南）訪問電視機內的使用指南。



1	顯示所選菜單的描述。 您可以使用 ^ / v 翻頁。
2	從使用指南直接移動到所選菜單。
3	放大或縮小螢幕。



1	顯示最近觀看的節目或輸入源。
2	選擇您想要的類別。
3	選擇您想要的項目。您可以使用 ^ / v 翻頁。
4	在索引中查看您想要的功能描述。

維護

清潔電視機

定期仔細清潔，可延長電視機的使用壽命。

⚠ 注意

- 確保首先關閉電源并斷開電源綫及其他纜綫。
- 如果長期不使用產品，將產品電源綫從牆壁插座上斷開，以防火花或漏電可能造成的損害。

螢幕，邊框，前框和底座

使用幹淨、清潔和柔軟的表面來去除灰塵或輕垢。

用清水或稀釋中性洗滌劑中浸濕的軟布表面擦拭污垢，然後立即用幹布擦拭。

⚠ 注意

- 避免長時間按壓螢幕，因為這樣可能損傷螢幕。
- 請勿用您的手指或鋒利物體來推、摩擦或創擊表面，因為這會造成螢幕上出現刮痕以及圖像失真。
- 請勿使用任何化學劑，因為可能會損傷電視表面。
- 請勿將液體噴射到電視表面。如果水分進入電視機，就可能引發火災、觸電或故障。

電源綫

定期清理電源綫上積聚的灰塵或污垢。

疑難排解

問題	解決方法
不能用遙控器控制電視機。	• 檢查產品上的遙控感應器，然後再試。 • 檢查產品和遙控器之間是否有障礙物。 • 檢查電池是否仍然工作并且正確安裝（⊕ 對 ⊕，⊖ 對 ⊖）。
沒有圖像顯示和沒有聲音。	• 檢查產品是否開機。 • 檢查電源綫是否連接至牆身插座。 • 連接其他產品，以檢查牆身插座是否存在問題。
電視機突然關機。	• 檢查電源控制設定。供電可能中斷。 • 檢查時間設定中是否啓動睡眠時間設定功能。 • 若電視機開啓時沒有信號，則在 15 分鐘之後電視機自動關機。
連接個人電腦時（RGB / HDMI DVI），顯示“無信號”或“無效格式”。	• 使用遙控器關閉 / 打開電視機。 • 重新連接 RGB/HDMI 綫纜。 • 電視機開啓時重新啓動電腦。

產品規格

以下規格可能因產品功能升級而變更，恕不另行通知。

項目 \ 型號		55LM9600
產品尺寸 (寬 x 高 x 深)	連底座 (mm)	1223.0 x 784.0 x 331.0
	不連底座 (mm)	1223.0 x 708.0 x 38.4
產品質量	連底座 (kg)	24.2
	不連底座 (kg)	20.6
電源		AC 100-240 V~ 50 / 60 Hz

項目 \ 型號		47LM8600	55LM8600
產品尺寸 (寬 x 高 x 深)	連底座 (mm)	1063.0 x 701.0 x 263.0	1232.0 x 795.0 x 331.0
	不連底座 (mm)	1063.0 x 628.0 x 54.3	1232.0 x 723.0 x 54.5
產品質量	連底座 (kg)	18.0	25.9
	不連底座 (kg)	15.8	22.2
電源		AC 100-240 V~ 50 / 60 Hz	AC 100-240 V~ 50 / 60 Hz

項目 \ 型號		55LM9600	47/55LM8600
環境狀況	運作溫度	0°C 至 40°C	
	運作濕度	低於 80 %	
	儲存溫度	-20°C 至 60°C	
	儲存濕度	低於 85 %	



記下電視機的型號和序列號。
參考封底的標籤并引用此資訊。
如需任何服務，請聯絡經銷商。

型號： _____

序列號： _____



OWNER'S MANUAL

LED LCD TV

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

47LM8600
55LM8600
55LM9600

P/NO : MFL63720145 (1203-REV01)
Printed in China

<http://www.lg.com>

TABLE OF CONTENTS

3 LICENSES

3 OPEN SOURCE SOFTWARE NOTICE

4 SAFETY INSTRUCTIONS

10 Viewing 3D Imaging

12 INSTALLATION PROCEDURE

12 ASSEMBLING AND PREPARING

- 12 Unpacking
- 14 Separate purchase
- 15 Parts and buttons
- 16 Lifting and moving the TV
- 17 Setting up the TV
- 17 - Attaching the stand
- 18 - Mounting on a table
- 19 - Mounting on a wall
- 20 - Tidying cables

21 MAKING CONNECTIONS

- 21 Antenna connection
- 22 HDMI connection
- 23 DVI to HDMI connection
- 23 MHL connection
- 24 RGB-PC connection
- 24 Component connection
- 25 Composite connection
- 25 Audio connection
- 25 - Digital optical audio connection
- 26 USB connection

27 MAGIC REMOTE CONTROL FUNCTIONS

- 28 Registering magic remote control
- 28 How to use magic remote control
- 28 Precautions to take when using the magic remote control

29 REMOTE CONTROL

30 USING THE USER GUIDE

31 MAINTENANCE

- 31 Cleaning Your TV
- 31 - Screen, frame, cabinet and stand
- 31 - Power cord

31 TROUBLESHOOTING

32 SPECIFICATIONS

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.

NOTE

- The note helps you understand and use the product safely. Please read the note carefully before using the product.

LICENSES

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



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ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

"DivX Certified® to play DivX® video up to HD 1080p, including premium content."

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"Covered by one or more of the following U.S. patents:
7,295,673; 7,460,668; 7,515,710; 7,519,274"



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In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

SAFETY INSTRUCTIONS

Please read these safety precautions carefully before using the product.

⚠ WARNING



- Do not place the TV and remote control in the following environments:
 - » A location exposed to direct sunlight
 - » An area with high humidity such as a bathroom
 - » Near any heat source such as stoves and other devices that produce heat
 - » Near kitchen counters or humidifiers where they can easily be exposed to steam or oil
 - » An area exposed to rain or wind
 - » Near containers of water such as vases
- Otherwise, this may result in fire, electric shock, malfunction or product deformation.



- Do not place the product where it might be exposed to dust.
This may cause a fire hazard.



- Mains plug is the disconnecting device. The plug must remain readily operable.



- 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.



- Make sure to connect the power cable to the grounded current. (Except for devices which are not grounded.)
You may be electrocuted or injured.



- Fix the power cable completely.
If the power cable is not fixed completely, a fire can break out.



- Ensure the power cord does not come into contact with hot objects such as a heater.
This may cause a fire or an electric shock hazard.



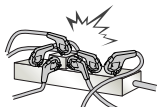
- Do not place a heavy object, or the product itself, on power cables.
Otherwise, this may result in fire or electric shock.



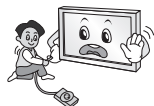
- Bend antenna cable between inside and outside building to prevent rain from flowing in.
This may cause water damaged inside the Product and could give an electric shock.



- When mounting a TV it on the wall, make sure not to install TV by hanging power and signal cables on the back of the TV.
It may cause fire, electric shock.



- Do not plug too many electrical devices into a single multiple electrical outlet.
Otherwise, this may result in fire due to over-heating.



- Do not drop the product or let it fall over when connecting external devices.
Otherwise, this may result in injury or damage to the product.



- 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 let your children climb or cling onto the TV.
Otherwise, the TV may fall over, which may cause serious injury.



- Dispose of used batteries carefully to protect a child from eating them.
In case that it eats them, take it to see a doctor immediately.



- 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.
(Depending on model)



- Do not put or store inflammable substances near the product.
There is a danger of explosion or fire due careless handling of the inflammable substances.



- Do not drop metallic objects such as coins, hair pins, chopsticks or wire into the product, or inflammable objects such as paper and matches. Children must pay particular attention.
Electrical shock, fire or injury can occur. If a foreign object is dropped into the product, unplug the power cord and contact the service centre.



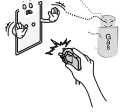
- Do not spray water on the product or scrub with an inflammable substance (thinner or benzene). Fire or electric shock accident can occur.



- Do not allow a impact shock or any objects to fall into the product, and do not drop onto the screen with something.
You may be injured or the product can be damaged.



- Never touch this product or antenna during a thunder or lighting storm. You may be electrocuted.



- Never touch the wall outlet when there is leakage of gas, open the windows and ventilate. It may cause a fire or a burn by a spark.



- 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.



- If any of the following occur, unplug the product immediately and contact your local service centre.
 - » The product has been impacted by shock
 - » The product has been damaged
 - » Foreign objects have entered the product
 - » The product produced smoke or a strange smell
 This may result in fire or electric shock.



- 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.

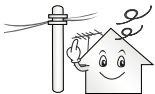


- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

⚠ CAUTION



- Install the product where no radio wave occurs.



- There should be enough distance between an outside antenna and power lines to keep the former from touching the latter even when the antenna falls. This may cause an electric shock.



- Do not install the product on places such as unstable shelves or inclined surfaces. Also avoid places where there is vibration or where the product cannot be fully supported. Otherwise, the product may fall or flip over, which may cause injury or damage to the product.



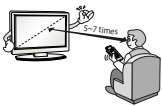
- If you install the TV on a stand, you need to take actions to prevent the product from overturning. Otherwise, the product may fall over, which may cause injury.

⚠ CAUTION

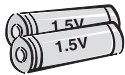
- If you intend to mount the product to a wall, attach VESA standard mounting interface (optional parts) to the back of the product. When you install the set to use the wall mounting bracket (optional parts), fix it carefully so as not to drop.
- Only use the attachments / accessories specified by the manufacturer.



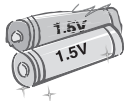
- When installing the antenna, consult a qualified service man. This may create a fire hazard or an electric shock hazard.



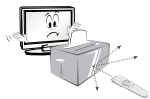
- We recommend that you maintain a distance of at least 5 to 7 times the diagonal screen size when watching TV. If you watch TV for a long period of time, this may cause blurred vision.



- Only use the specified type of battery. This could cause damage to the remote control.



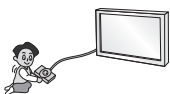
- Do not mix new batteries with old batteries. This may cause the batteries to overheat and leak.



- Make sure there are no objects between the remote control and its sensor.



- Signal from the remote control may be disturbed by sun light or other strong light. In this case, darken the room.



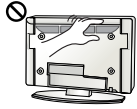
- When connecting external devices such as video game consoles, make sure the connecting cables are long enough. Otherwise, the product may fall over, which may cause injury or damage the product.



- Do not turn the product On/Off by plugging-in or unplugging the power plug to the wall outlet. (Do not use the power plug for switch.) It may cause mechanical failure or could give an electric shock.



- Please follow the installation instructions below to prevent the product from overheating.
 - » The distance between the product and the wall should be more than 10 cm.
 - » Do not install the product in a place with no ventilation (e.g., on a bookshelf or in a cupboard).
 - » Do not install the product on a carpet or cushion.
 - » Make sure the air vent is not blocked by a tablecloth or curtain.
 Otherwise, this may result in fire.



- Take care not to touch the ventilation openings when watching the TV for long periods as the ventilation openings may become hot. This does not affect the operation or performance of the product.

- Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.



- Prevent dust collecting on the power plug pins or outlet. This may cause a fire hazard.



- Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.



- 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.



- Avoid touching the screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.



- When cleaning the product and its components, unplug the power first and wipe it with a soft cloth. Applying excessive force may cause scratches or discolouration. Do not spray with water or wipe with a wet cloth. Never use glass cleaner, car or industrial shiner, abrasives or wax, benzene, alcohol etc., which can damage the product and its panel. Otherwise, this may result in fire, electric shock or product damage (deformation, corrosion or breakage).

- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if you turn off this unit by SWITCH.



- When unplugging the cable, grab the plug and unplug it. If the wires inside the power cable are disconnected, this may cause fire.



- When moving the product, make sure you turn the power off first. Then, unplug the power cables, antenna cables and all connecting cables. The TV set or power cord may be damaged, which may create a fire hazard or cause electric shock.



- When moving or unpacking the product, work in pairs because the product is heavy. Otherwise, this may result in injury.



- Contact the service center once a year to clean the internal parts of the product. Accumulated dust can cause mechanical failure.



- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



- If the product feels cold to the touch, there may be a small “flicker” when it is turned on. This is normal, there is nothing wrong with product.



- The panel is a high technology TFT product with resolution of two million to six million pixels. You may see tiny black dots and/or brightly coloured dots (red, blue or green) at a size of 1 ppm on the panel. This does not indicate a malfunction and does not affect the performance and reliability of the product. This phenomenon also occurs in third-party products and is not subject to exchange or refund.



- You may find different brightness and color of the panel depending on your viewing position(left/right/top/down). This phenomenon occurs due to the characteristic of the panel. It is not related with the product performance, and it is not malfunction.



- Displaying a still image (e.g., broadcasting channel logo, on-screen menu, scene from a video game) for a prolonged time may cause damage to the screen, resulting in retention of the image, which is known as image sticking. The warranty does not cover the product for image sticking. Avoid displaying a fixed image on your television's screen for a prolonged period (2 or more hours for LCD, 1 or more hours for Plasma). Also, if you watch the TV at a ratio of 4:3 for a long time, image sticking may occur on the borders of the panel.

This phenomenon also occurs in third-party products and is not subject to exchange or refund.

• Generated Sound

“Cracking” noise: A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required. Electrical circuit humming/panel buzzing: A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to operate a product. It varies depending on the product.

This generated sound does not affect the performance and reliability of the product.

Viewing 3D Imaging

WARNING

Viewing Environment

- Viewing Time

When watching 3D contents, take 5 - 15 minute breaks every hour. Viewing 3D contents for a long period of time may cause headache, dizziness, fatigue or eye strain.

Those that have a photosensitive seizure or chronic illness

- Some users may experience a seizure or other abnormal symptoms when they are exposed to a flashing light or particular pattern from 3D contents.
- Do not watch 3D videos if you feel nausea, are pregnant and/ or have a chronic illness such as epilepsy, cardiac disorder, or blood pressure disease, etc.
- 3D Contents are not recommended to those who suffer from stereo blindness or stereo anomaly. Double images or discomfort in viewing may be experienced.
- If you have strabismus (cross-eyed), amblyopia (weak eyesight) or astigmatism, you may have trouble sensing depth and easily feel fatigue due to double images. It is advised to take frequent breaks than the average adult.
- If your eyesight varies between your right and left eye, revise your eyesight prior to watching 3D contents.

Symptoms which require discontinuation or refraining from watching 3D contents

- Do not watch 3D contents when you feel fatigue from lack of sleep, overwork or drinking.
- When these symptoms are experienced, stop using/watching 3D contents and get enough rest until the symptom subsides.
 - » Consult your doctor when the symptoms persist. Symptoms may include headache, eyeball pain, dizziness, nausea, palpitation, blurriness, discomfort, double image, visual inconvenience or fatigue.

 CAUTION**Viewing Environment****• Viewing Distance**

Maintain a distance of at least twice the screen diagonal length when watching 3D contents. If you feel discomfort in viewing 3D contents, move further away from the TV.

Viewing Age**• Infants/Children**

Usage/ Viewing 3D contents for children under the age of 5 are prohibited.

Children under the age of 10 may overreact and become overly excited because their vision is in development (for example: trying to touch the screen or trying to jump into it. Special monitoring and extra attention is required for children watching 3D contents.

Children have greater binocular disparity of 3D presentations than adults because the distance between the eyes is shorter than one of adults. Therefore they will perceive more stereoscopic depth compared to adults for the same 3D image.

• Teenagers

Teenagers under the age of 19 may react with sensitivity due to stimulation from light in 3D contents. Advise them to refrain from watching 3D contents for a long time when they are tired.

• Elderly

The elderly may perceive less 3D effect compared to the youth. Do not sit closer to the TV than the recommended distance.

Cautions when using the 3D glasses

- Make sure to use LG 3D glasses. Otherwise, you may not be able to view 3D videos properly.
- Do not use 3D glasses instead of your normal glasses, sunglasses or protective goggles.
- Using modified 3D glasses may cause eye strain or image distortion.
- Do not keep your 3D glasses in extremely high or low temperatures. It will cause deformation.
- The 3D glasses are fragile and are easy to be scratched. Always use a soft, clean piece of cloth when wiping the lenses. Do not scratch the lenses of the 3D glasses with sharp objects or clean/wipe them with chemicals.

NOTE

- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.
- The TV can be placed in standby mode in order to reduce the power consumption. And the TV should be turned off if it will not be watched for some time, as this will reduce energy consumption.
- The energy consumed during use can be significantly reduced if the level of brightness of the picture is reduced, and this will reduce the overall running cost.

INSTALLATION PROCEDURE

- 1 Open the package and make sure all the accessories are included.
- 2 Attach the stand to the TV set.
- 3 Connect an external device to the TV set.
- 4 Make sure the network connection is available.
You can use the TV network functions only when the network connection is made.

ASSEMBLING AND PREPARING

Unpacking

Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product.

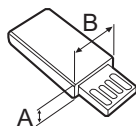
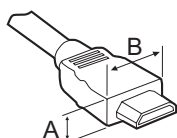
The illustrations in this manual may differ from the actual product and item.

CAUTION

- Do not use any unapproved items to ensure the safety and product life span.
- Any damages or injuries by using unapproved items are not covered by the warranty.
- Some models have a thin film attached on to the screen and this must not be removed.

NOTE

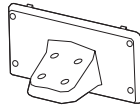
- The items supplied with your product may vary depending on the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm thick and 18 mm width. Use an extension cable that supports USB 2.0 if the USB cable or USB memory stick does not fit into your TV's USB port.



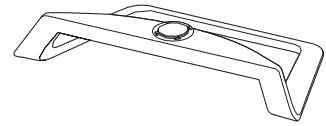
$A \leq 10 \text{ mm}$
 $B \leq 18 \text{ mm}$



Site



Stand body



Stand base



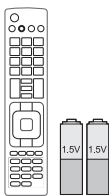
Owner's manual



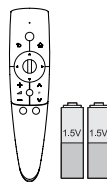
Cinema 3D glasses



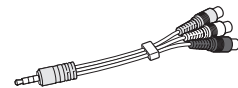
Stand screws



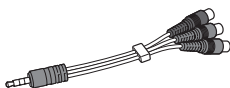
**Remote control,
batteries (AAA)**



**Magic remote control,
batteries (AA)**



Composite video cable



Component video cable



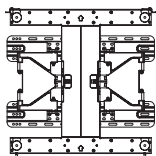
Polishing cloth
(Use this to remove dust
from the cabinet.)

Separate purchase

Separate purchase items can be changed or modified for quality improvement without any notification.

Contact your dealer to buy these items.

These devices only work with certain models.



Wall Mounting Bracket
LSW400BX, LSW400BXG
(See P19)

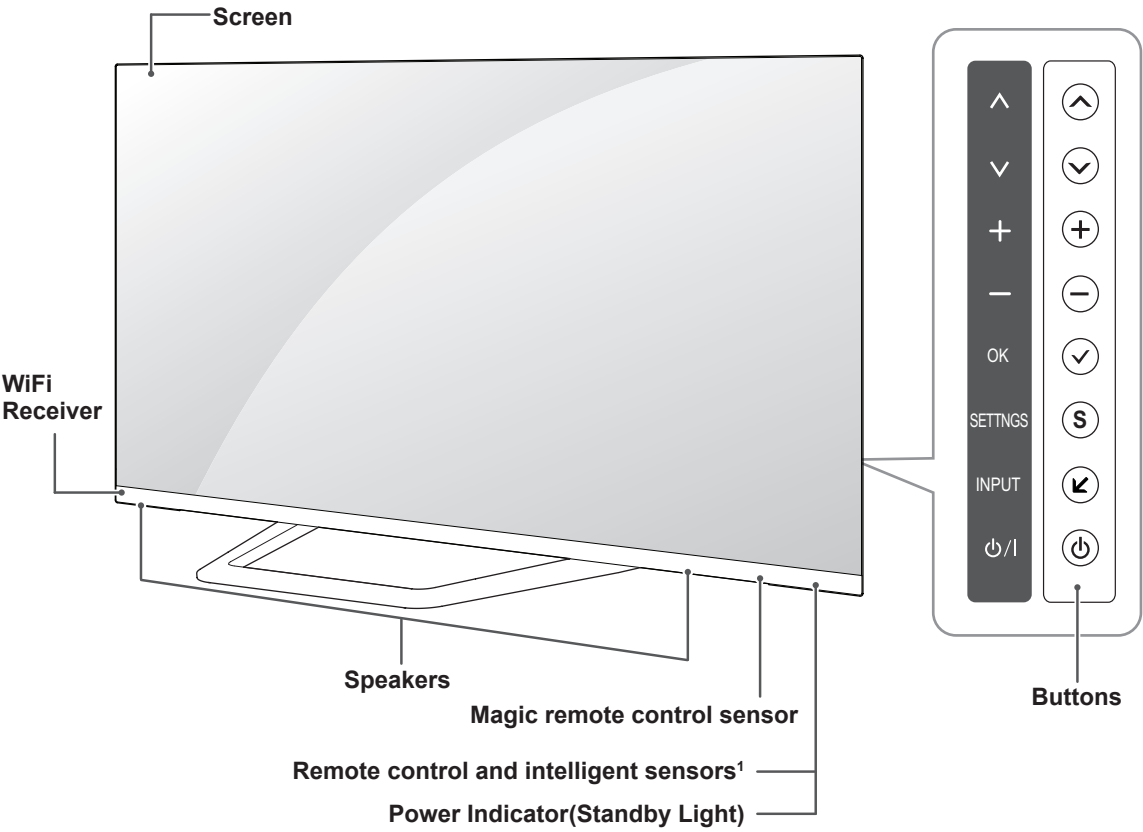


Cinema 3D glasses
(According to your need, you can
purchase more 3D Glasses.)



Dual play glasses

Parts and buttons



Button	Description
↕	Scrolls through the saved programmes.
+ -	Adjusts the volume level.
OK	Selects the highlighted menu option or confirms an input.
SETTINGS	Accesses the main menu, or saves your input and exits the menus.
INPUT	Changes the input source.
⏻/I	Turns the power on or off.

1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.

! NOTE

- You can set the power indicator light to on or off by selecting **OPTION** in the main menus.

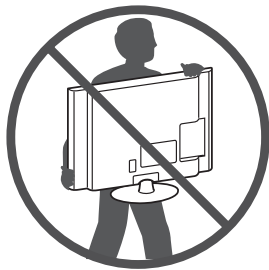
Lifting and moving the TV

Please note the following advice to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

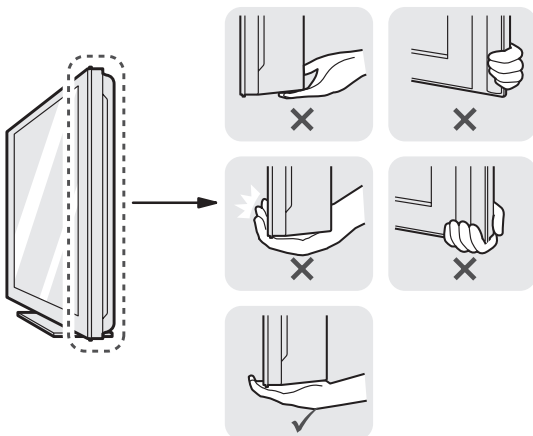
⚠ CAUTION

- Avoid touching the screen at all times, as this may result in damage to the screen.

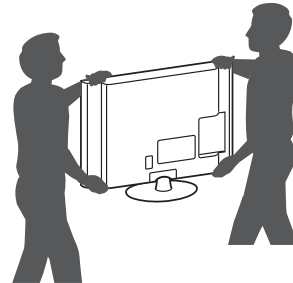
- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.



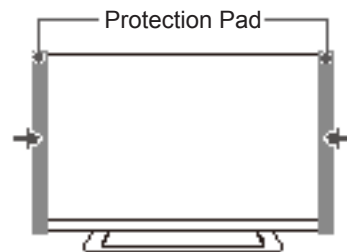
- Hold the top and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grill area.



- When transporting a large TV, there should be at least 2 people.
- When transporting the TV by hand, hold the TV as shown in the following illustration.



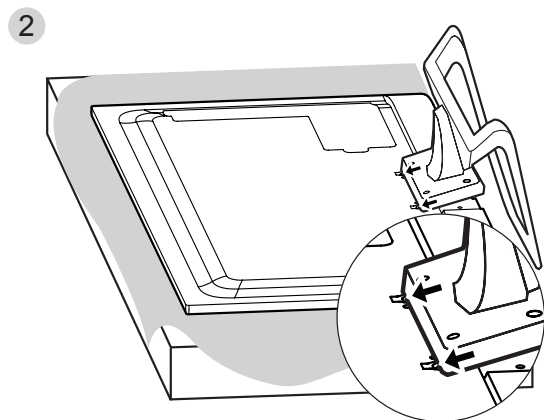
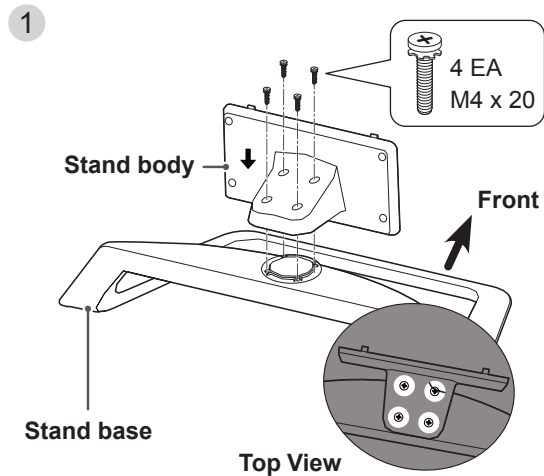
- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright, never turn the TV on its side or tilt towards the left or right.
- Whenever you handle TV, Protection pad should be covered with side of TV. (only LM8600)



Setting up the TV

Image shown may differ from your TV.

Attaching the stand

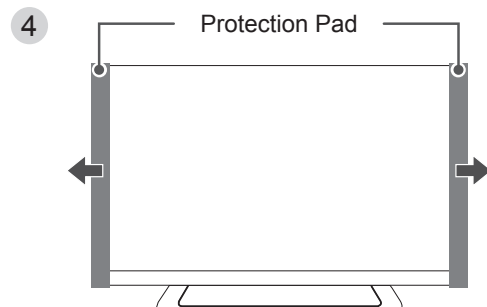
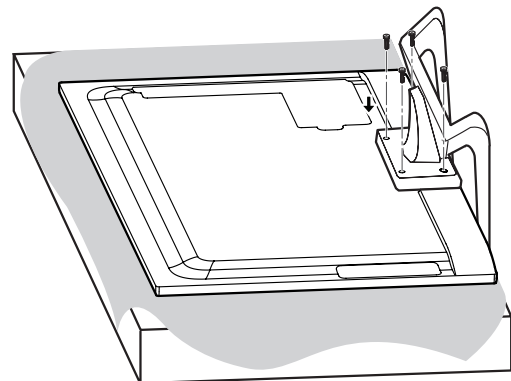
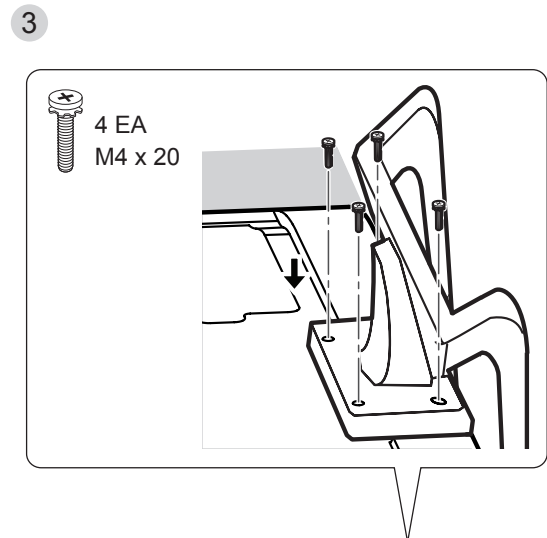


⚠ CAUTION

- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

⚠ CAUTION

- Make sure that the screws are fastened completely. If they are not fastened securely enough, the TV may tilt forward after being installed.
- Do not fasten the screws with too much force; otherwise they may be worn out and get loosened.

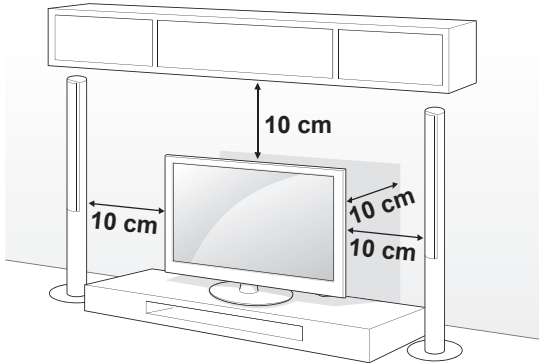


! NOTE

- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.

Mounting on a table

- 1 Lift and tilt the TV into its upright position on a table.
- Leave a 10 cm (minimum) space from the wall for proper ventilation.



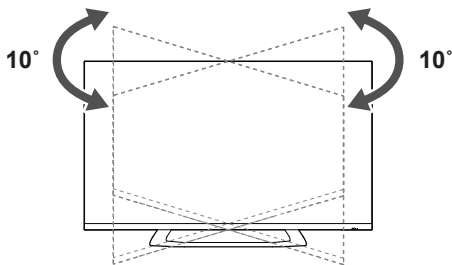
- 2 Connect the power cord to a wall outlet.

⚠ CAUTION

- Do not place the TV near or on sources of heat, as this may result in fire or other damage.

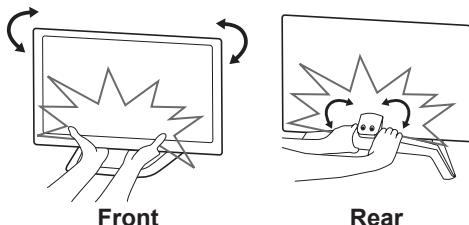
Adjusting the angle of the TV to suit view

Swivel 10 degrees to the left or right and adjust the angle of the TV to suit your view.



⚠ CAUTION

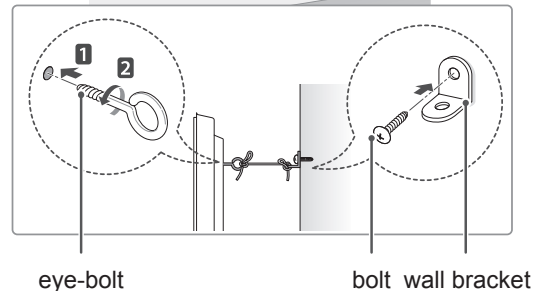
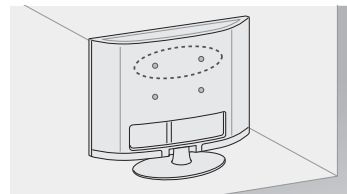
- When adjusting the angle of the product, watch out for your fingers. Personal injury may occur if hands or fingers are pinched. If the product is tilted too much, it may fall, causing damage or injury.



Securing the TV to a wall

(This feature is not available for all models.)

- 1 Insert and tighten the eye-bolts.
- If there are bolts inserted at the eye-bolts position, remove the bolts first.
- 2 Mount the wall brackets with the bolts to the wall.
- Match the location of the wall bracket and the eye-bolts on the rear of the TV.
- 3 Connect the eye-bolts and wall brackets tightly with a sturdy rope.
- Make sure to keep the rope horizontal with the flat surface.



⚠ CAUTION

- Make sure that children do not climb on or hang on the TV.

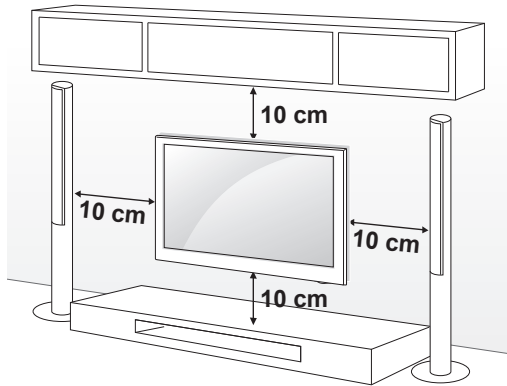
! NOTE

- Use a platform or cabinet that is strong and large enough to support the TV securely.
- Brackets, bolts and ropes are not provided. You can obtain additional accessories from your local dealer.

Mounting on a wall

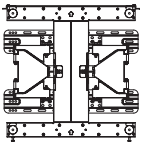
Attach a wall mount bracket at the rear of the TV carefully and install the wall mount bracket on a solid wall perpendicular to the floor. When you attach the TV to other building materials, please contact qualified personnel.

LG recommends that wall mounting be performed by a qualified professional installer.



Make sure to use screws and wall mount bracket that meet the VESA standard. Standard dimensions for the wall mount kits are described in the following table.

Wall mount bracket

Model	47/55LM8600 55LM9600
VESA	400 x 400
Standard screw	M6
Number of screws(EA)	4
Wall mount bracket (optional)	LSW400BX, LSW400BXG 

CAUTION

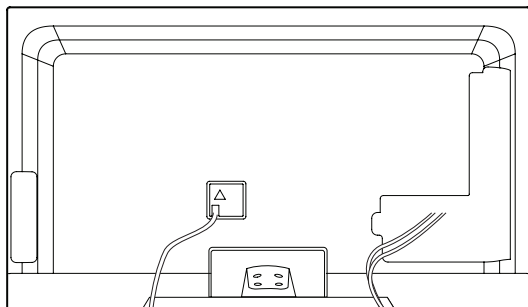
- Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur.
- If you install the TV on a ceiling or slanted wall, it may fall and result in injury. Use an authorized LG wall mount bracket and contact the local dealer or qualified personnel.
- Do not over tighten the screws as this may cause damage to the TV and void your warranty.
- Use the screws and wall mount bracket that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.

NOTE

- Use the screws that are listed on the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The length of screws may differ depending on the wall mount. Make sure to use the proper length.
- For more information, refer to the manual supplied with the wall mount bracket.
- The wall mount bracket is not provided. You can obtain additional accessories from your local dealer.

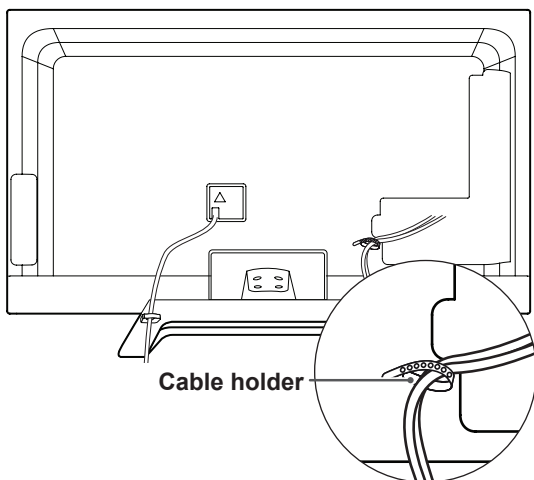
Tidying cables

- 1 Gather and bind the cables with the cable management.



Cable management

- 2 Gather and bind the cables with the cable holder on the TV back cover.



Cable holder



CAUTION

- Do not move the TV by holding the cable holder, as the cable holders may break, and injuries and damage to the TV may occur.

MAKING CONNECTIONS

This section on MAKING CONNECTIONS mainly uses diagrams for the 55LM9600 model.

Connect various external devices to the TV and switch input modes to select an external device. For more information on external device's connection, refer to the manual provided with each device.

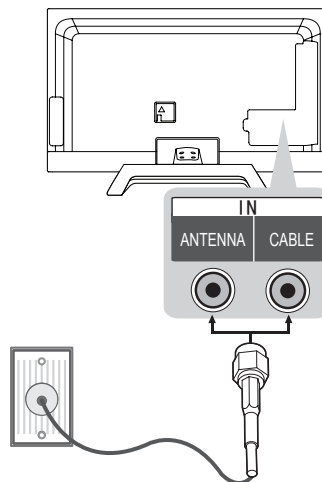
Available external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices.

! NOTE

- The external device connection may differ from the model.
- Connect external devices to the TV regardless of the order of the TV port.
- If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information of recording, refer to the manual provided with the connected device.
- Refer to the external equipment's manual for operating instructions.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the PICTURE menu until the picture is clear.
- In PC mode, some resolution settings may not work properly depending on the graphics card.

Antenna connection

Connect the TV to a wall antenna socket with an RF cable (75 Ω).



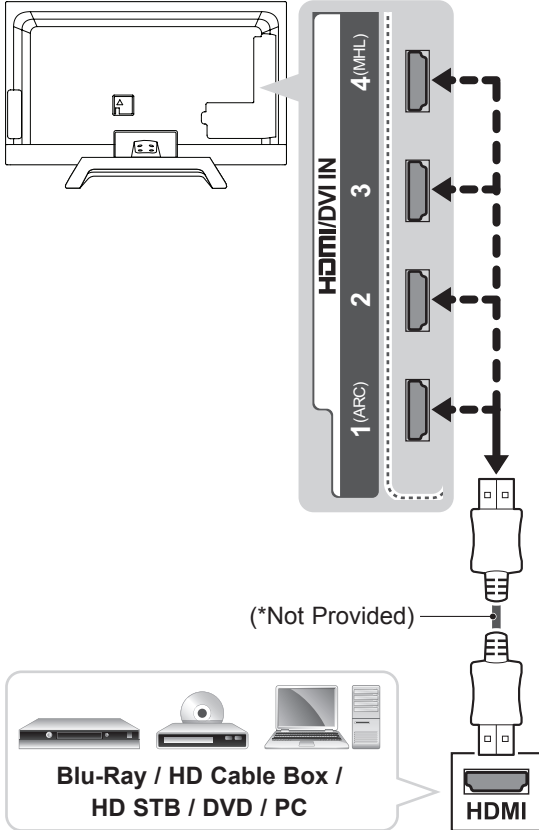
! NOTE

- Use a signal splitter to use more than 2 TVs.
- If the image quality is poor, install a signal amplifier properly to improve the image quality.
- If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction.
- An antenna cable and converter are not provided.

HDMI connection

Transmits the digital video and audio signals from an external device to the TV. Connect the external device and the TV with the HDMI cable as shown.

Choose any HDMI input port to connect. It does not matter which port you use.



! NOTE

- It is recommended to use the TV with the HDMI connection for the best image quality.
- Use the latest High Speed HDMI™ Cable with CEC (Customer Electronics Control) function.
- High Speed HDMI™ Cables are tested to carry an HD signal up to 1080p and higher.
- Supported DTV Audio:
MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC
- Supported HDMI Audio format :
Dolby Digital, PCM (Up to 192 KHz, 32k/44.1k/48k /88k/96k/176k/192k, DTS Not supported.)

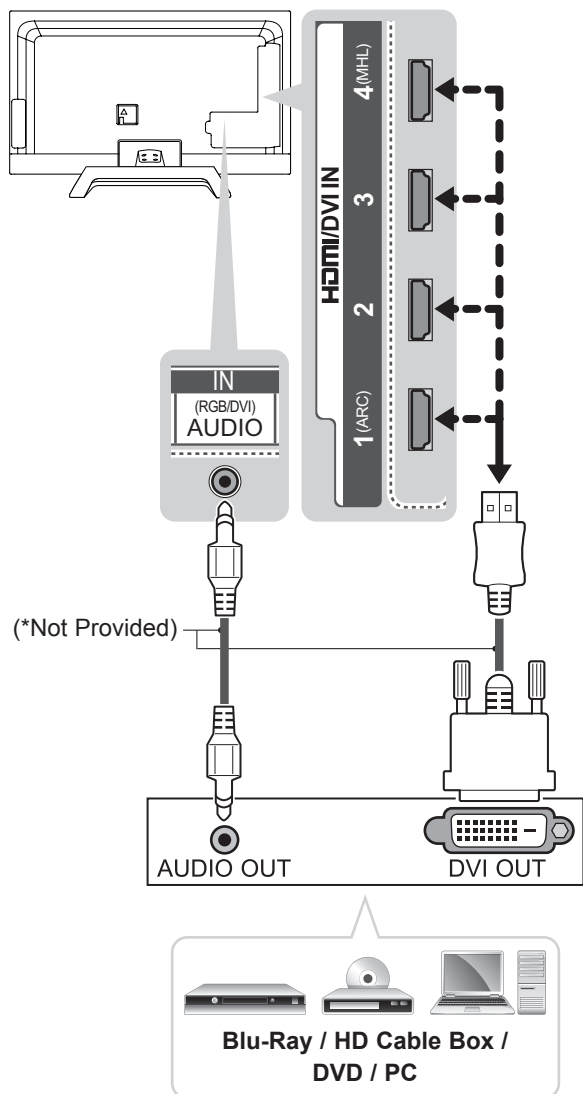
ARC (Audio Return Channel)

- An external audio device that supports SIMPLINK and ARC must be connected using HDMI/DVI IN 1 (ARC) port.
- When connected with a high-speed HDMI cable, the external audio device that supports ARC outputs optical SPDIF without additional optical audio cable and supports the SIMPLINK function.

DVI to HDMI connection

Transmits the digital video signal from an external device to the TV. Connect the external device and the TV with the DVI-HDMI cable as shown. To transmit an audio signal, connect an audio cable.

Choose any HDMI input port to connect. It does not matter which port you use.

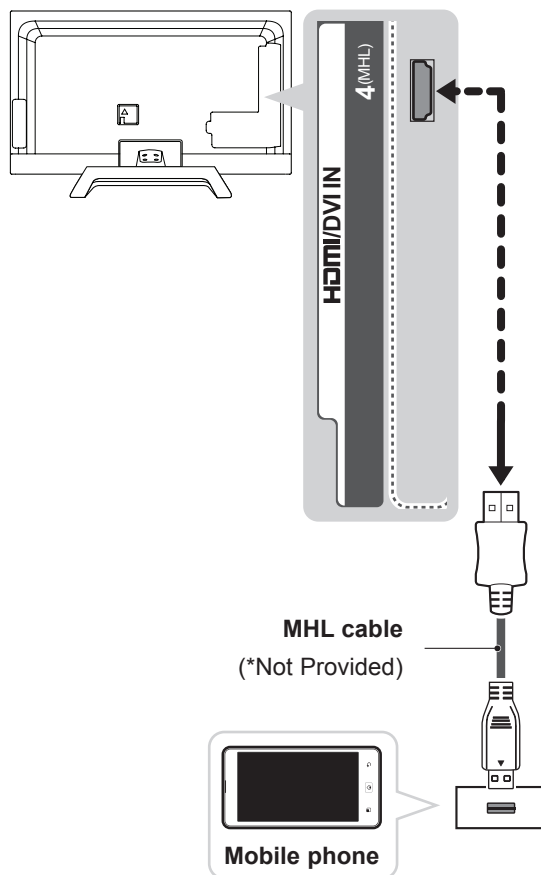


! NOTE

- Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use.

MHL connection

Mobile High-definition Link (MHL) is an interface for transmitting digital audiovisual signals from mobile phones to television sets.

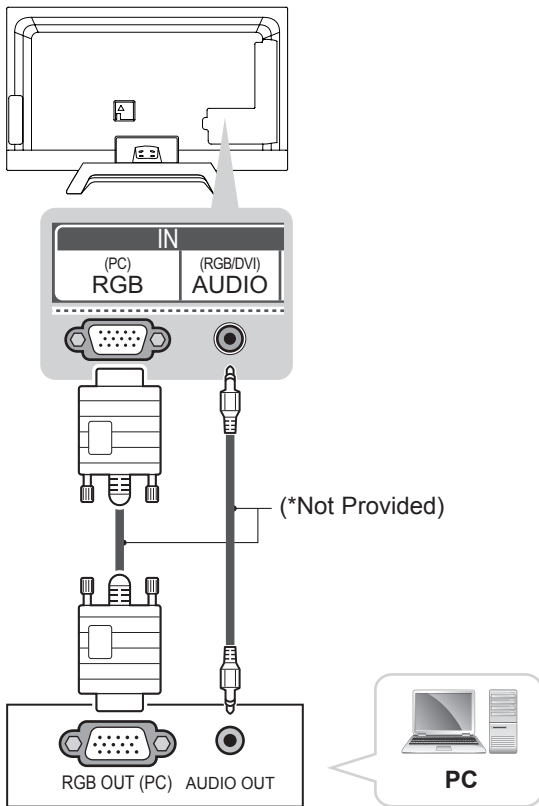


! NOTE

- Connect the mobile phone to the HDMI/DVI IN 4 (MHL) port to view the phone screen on the TV.
- This only works for the MHL-enabled phone.
- Some applications can be operated by the remote control.

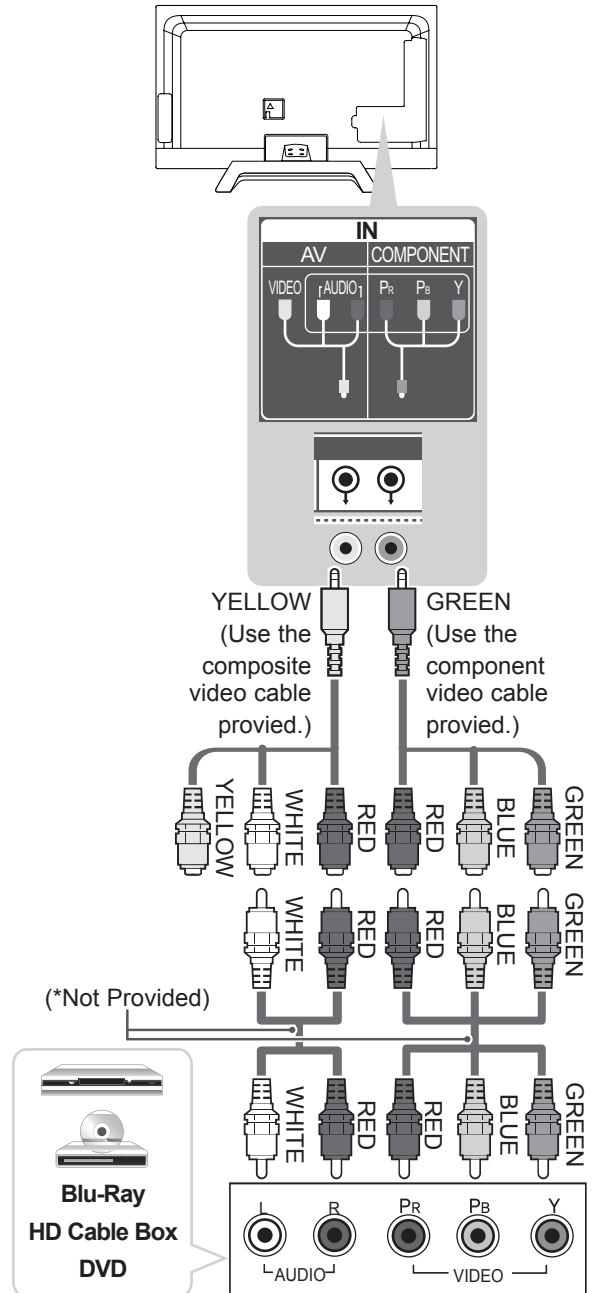
RGB-PC connection

Transmits the video signal from your PC to the TV. To transmit an audio signal, connect an audio cable.



Component connection

Transmits analogue video and audio signals from an external device to the TV. Connect the external device and the TV with a component gender cable as shown.

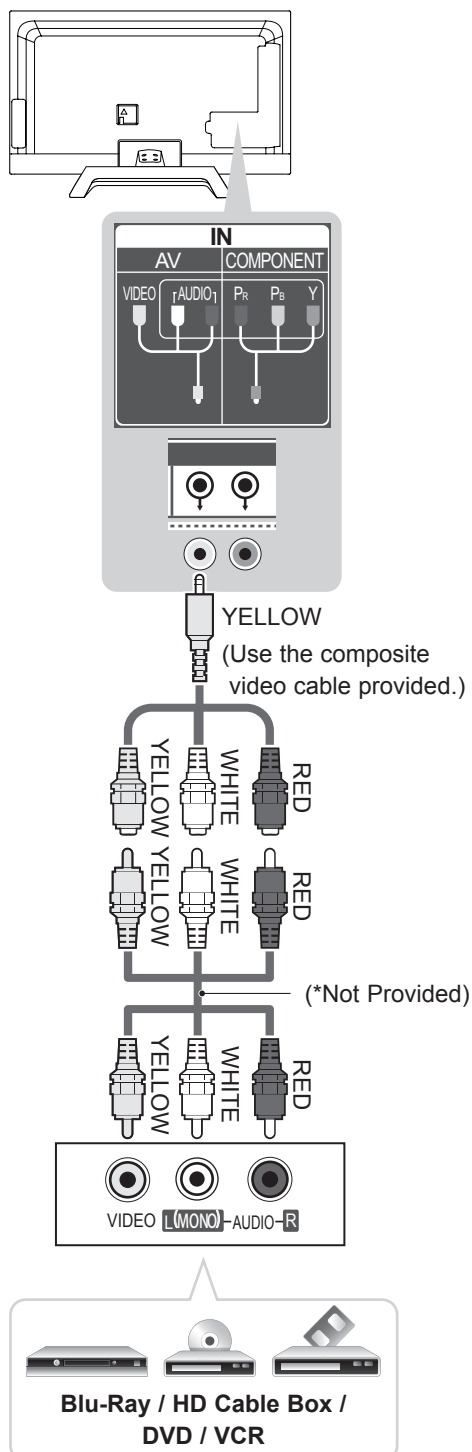


NOTE

- If cables are installed incorrectly, it could cause the image to display in black and white or with distorted colour.

Composite connection

Transmits analogue video and audio signals from an external device to the TV. Connect the external device and the TV with a composite gender cable as shown.



Audio connection

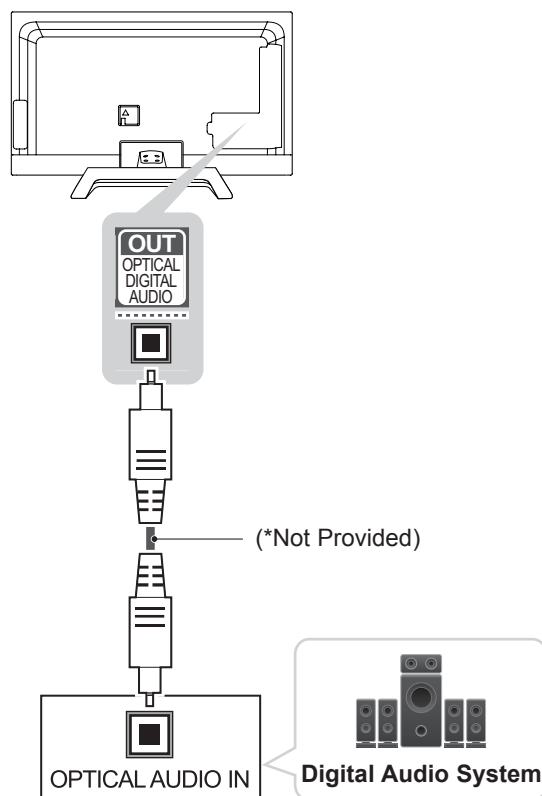
You may use an external audio system instead of the built-in speaker.

NOTE

- If you use an external audio device instead of the built-in speaker, set the TV speaker feature to off.

Digital optical audio connection

Transmits a digital audio signal from the TV to an external device. Connect the external device and the TV with the optical audio cable as shown.

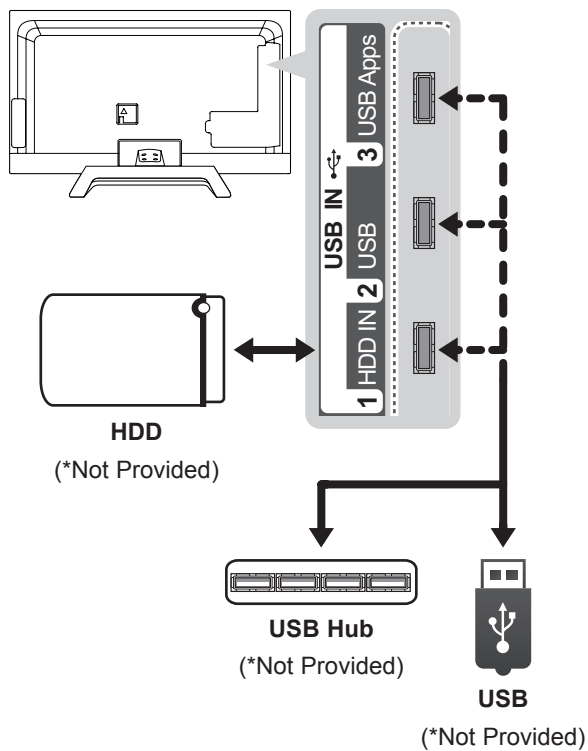


CAUTION

- Do not look into the optical output port. Looking at the laser beam may damage your vision.
- Audio with ACP (Audio Copy Protection) function may block digital audio output.

USB connection

Connect a USB storage device such as a USB flash memory, external hard drive or a USB memory card reader to the TV and access the Smart Share menu to use various multimedia files.



! NOTE

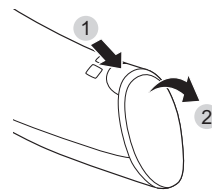
- Some USB Hubs may not work. If a USB device connected using a USB Hub is not detected, connect it to the USB IN port on the TV directly.

MAGIC REMOTE CONTROL FUNCTIONS

When the message "Magic remote control battery is low. Change the battery." is displayed, replace the battery.

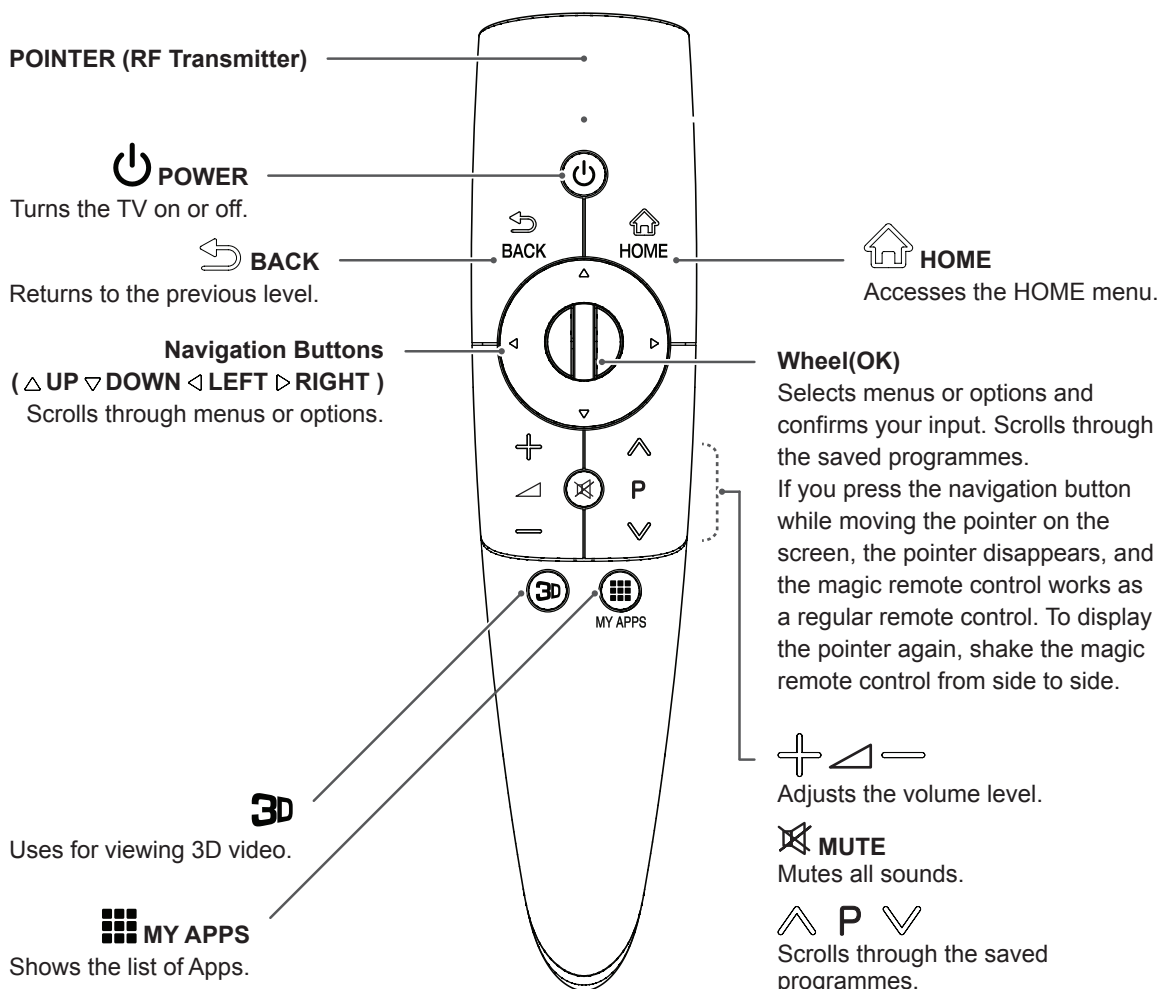
To replace batteries, open the battery cover, replace batteries (1.5 V AA) matching $\oplus$ and $\ominus$ ends to the label inside the compartment, and close the battery cover. Be sure to point the magic remote control toward the remote control sensor on the TV.

To remove the batteries, perform the installation actions in reverse.



CAUTION

- Do not mix old and new batteries, as this may damage the magic remote control.



Registering magic remote control

It is necessary to 'pair' (register) the magic remote control to your TV before it will work.

How to register the magic remote control



- 1 To register automatically, turn the TV on and press the **Wheel(OK)** button. When registration is completed, the completion message appears on the screen.
- 2 If registration fails, turn the TV off and back on, then press the **Wheel(OK)** button to complete registration.

How to re-register the magic remote control



BACK



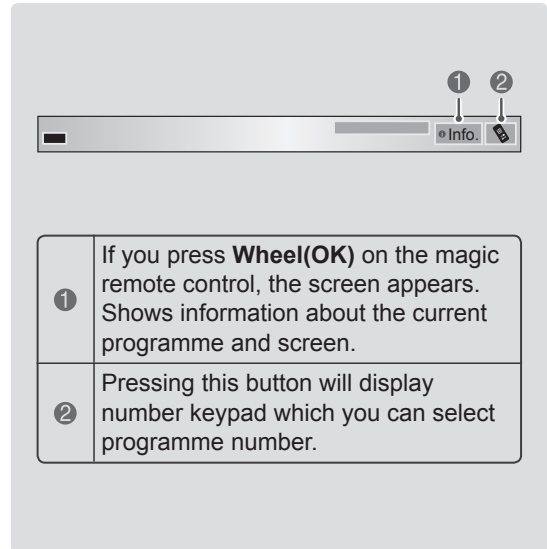
HOME

- 1 Press and hold the **BACK** and **HOME** buttons together for 5 seconds to reset, then register it by following "How to register the magic remote control" above.
- 2 To re-register the magic remote control, press and hold the **BACK** button for 5 seconds toward the TV. When registration is completed, the completion message appears on the screen.

How to use magic remote control



- 1 If the pointer disappears, move the magic remote control slightly to left or right. Then, it will automatically appear on the screen.
 - » If the pointer has not been used for a certain period of time, it will disappear.
- 2 You can move the pointer by aiming the pointer receiver of the magic remote control at your TV then move it left, right, up or down.
 - » If the pointer does not work properly, leave the magic remote control for 10 seconds then use it again.



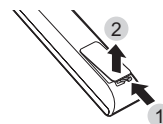
Precautions to take when using the magic remote control

- Use the magic remote control within the maximum communication distance (10 m). Using the magic remote control beyond this distance, or with an object obstructing it, may cause a communication failure.
- A communication failure may occur due to nearby devices. Electrical devices such as a microwave oven or wireless LAN product may cause interference, as these use the same bandwidth (2.4 GHz) as the magic remote control.
- The magic remote control may be damaged or may malfunction if it is dropped or receives a heavy impact.
- Take care not to bump into nearby furniture or other people when using the magic remote control.
- Manufacturer and installer cannot provide service related to human safety as the applicable wireless device has possibility of electric wave interference.
- It is recommended that an Access Point (AP) be located more than 1 m away from the TV. If the AP is installed closer than 1 m, the magic remote control may not perform as expected due to frequency interference.

REMOTE CONTROL

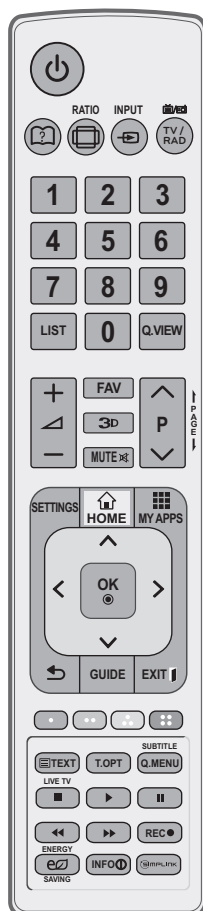
To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. Be sure to point the remote control toward the remote control sensor on the TV.

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.
- In Analogue TV and some countries, some remote control keys may not work.



POWER	Turns the TV on or off.
User Guide	Sees User Guide.
RATIO	Resizes an image.
INPUT	Changes the input source.
TV/RAD	Selects Radio, TV and DTV programme.
Number buttons	Enters numbers.
LIST	Accesses the saved programme list.
Q.VIEW	Returns to the previously viewed programme.
+ -	Adjusts the volume level.
FAV	Accesses your favourite programme list.
3D	Uses for viewing 3D video.
MUTE	Mutes all sounds.
^ P v	Scrolls through the saved programmes.
PAGE	Moves to the previous or next screen.
SETTINGS	Accesses the main menu.
HOME	Accesses the HOME menu.
MY APPS	Shows the list of Apps.
Navigation Buttons (^ UP v DOWN < LEFT > RIGHT)	Scrolls through menus or options.
OK	Selects menus or options and confirms your input.
BACK	Returns to the previous level.
GUIDE	Shows programme guide.
EXIT	Clears on-screen displays and return to TV viewing.
Coloured buttons (RED GREEN YELLOW BLUE)	These access special functions in some menus.
TELETEXT buttons (TEXT T.OPT)	These buttons are used for teletext.
SUBTITLE	Recalls your preferred subtitle in digital mode.
Q.MENU	Accesses the Quick menus.
LIVE TV	Return to the LIVE TV.
Control buttons (■ ► ◀▶▶▶)	Controls the Premium contents, DVR or Smart Share menus or the SIMPLINK compatible devices (USB or SIMPLINK or DVR).
REC	Uses to adjust DVR menu.
ENERGY SAVING	Adjusts the brightness of the screen to reduce energy consumption.
INFO	Views the information of the current programme and screen.
SIMPLINK	Accesses the AV devices connected with the HDMI cable through HDMI-CEC. Opens the SIMPLINK menu.

USING THE USER GUIDE

User Guide allows you to more easily access the detailed TV information.

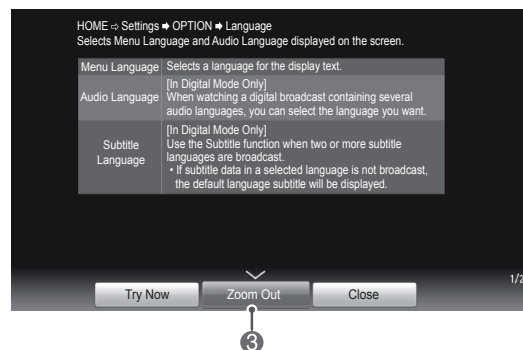
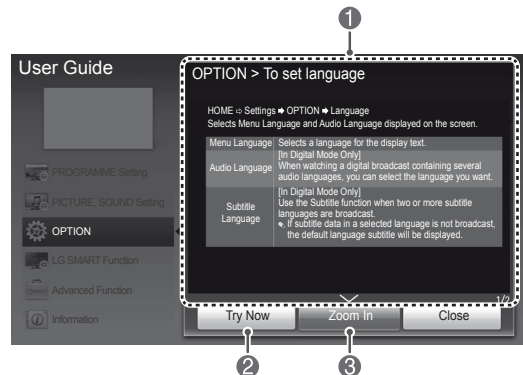
- 1 Press **HOME** button to access the Home menu.
- 2 Select **User Guide** and press **Wheel(OK)**.



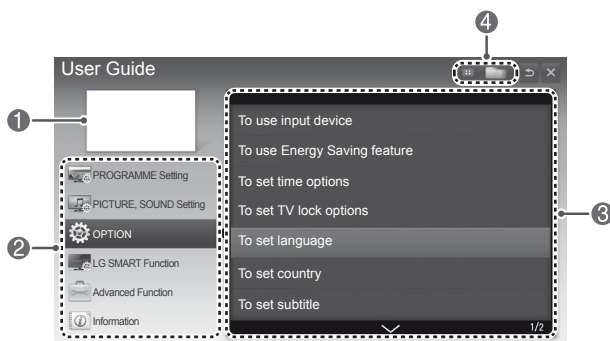
User Guide

NOTE

- You can also access the User Guide by pressing (**User Guide**) button in the remote control.



- | | |
|---|--|
| 1 | Shows the description of the selected menu. You can use $\wedge$ $\vee$ to move between pages. |
| 2 | Moves to the selected menu directly from the User Guide. |
| 3 | Zooms in or out the screen. |



- | | |
|---|--|
| 1 | Shows the current watching programme or input source screen. |
| 2 | Allows to select the category you want. |
| 3 | Allows to select the item you want. You can use $\wedge$ $\vee$ to move between pages. |
| 4 | Allows to browse the description of the function you want from the index. |

MAINTENANCE

Cleaning Your TV

Clean your TV regularly to keep the best performance and to extend the product lifespan.

⚠ CAUTION

- Make sure to turn the power off and disconnect the power cord and all other cables first.
- When the TV is left unattended and unused for a long time, disconnect the power cord from the wall outlet to prevent possible damage from lightning or power surges.

Screen,frame,cabinet and stand

To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth.

To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth.

⚠ CAUTION

- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not push, rub, or hit the surface with your fingernail or a sharp object, as this may result in scratches on the screen and image distortions.
- Do not use any chemicals as this may damage the product.
- Do not spray liquid onto the surface. If water enters the TV, it may result in fire, electric shock, or malfunction.

Power cord

Remove the accumulated dust or dirt on the power cord regularly.

TROUBLESHOOTING

Problem	Solution
Cannot control the TV with the remote control.	• Check the remote control sensor on the product and try again. • Check if there is any obstacle between the product and the remote control. • Check if the batteries are still working and properly installed (⊕ to ⊕, ⊖ to ⊖).
No image display and no sound is produced.	• Check if the product is turned on. • Check if the power cord is connected to a wall outlet. • Check if there is a problem in the wall outlet by connecting other products.
The TV turns off suddenly.	• Check the power control settings. The power supply may be interrupted. • Check if the Auto sleep feature is activated in the Time settings. • If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.
When connecting to the PC (RGB/HDMI DVI), 'No signal' or 'Invalid Format' is displayed.	• Turn the TV off/on using the remote control. • Reconnect the RGB/HDMI cable. • Restart the PC with the TV on.

SPECIFICATIONS

Product specifications may be changed without prior notice due to upgrade of product functions.

ITEM \ MODEL		55LM9600
Dimensions (W x H x D)	With stand (mm)	1223.0 x 784.0 x 331.0
	Without stand (mm)	1223.0 x 708.0 x 38.4
Weight	With stand (kg)	24.2
	Without stand (kg)	20.6
Power requirement		AC 100-240 V~ 50 / 60 Hz

ITEM \ MODEL		47LM8600	55LM8600
Dimensions (W x H x D)	With stand (mm)	1063.0 x 701.0 x 263.0	1232.0 x 795.0 x 331.0
	Without stand (mm)	1063.0 x 628.0 x 54.3	1232.0 x 723.0 x 54.5
Weight	With stand (kg)	18.0	25.9
	Without stand (kg)	15.8	22.2
Power requirement		AC 100-240 V~ 50 / 60 Hz	AC 100-240 V~ 50 / 60 Hz

ITEM \ MODEL		55LM9600	47/55LM8600
Environment condition	Operating Temperature	0 °C to 40 °C	
	Operating Humidity	Less than 80 %	
	Storage Temperature	-20 °C to 60 °C	
	Storage Humidity	Less than 85 %	



Record the model number and serial number of the TV.
Refer to the label on the back cover and quote this
information to your dealer when requiring any service.

Model: _____

Serial No.: _____