Owner's Manual Specification

	Drawn	Checked	Approved
Signature	Ungkee.Choi	Miinhee.Kim	Jongok.kim
MMM/DD/YYYY	Oct/29/2012	Oct/29/2012	Oct/29/2012

1. Model Description

Model name	:	**32/42/47LT560E-CA**	Brand name	:	**LG**	Part number	:	**MFL67365514**
2nd, 3rd Suffix	:	**HK**	Product name	:	**LT560E**	(Revision number)		**(1210-REV03)**

2. Printing Specification

1. Trim size (Format) : **182 mm x 257 mm (B5)**
2. Printing colors
   - Cover : **1 Color (Black)**
   - Inside : **1 Color (Black)**
3. Stock (Paper)
   - Cover : **Uncoted, wood-free paper 60 g/㎡**
   - Inside : **Uncoted, wood-free paper 60 g/㎡**
4. Printing method : **Off set**
5. Bindery : **Saddle stitching**
6. Language : **HK/EN(2)**
7. Number of pages : **72**

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
LGEIN	:	Printed in Indonesia	LGERA	:	Printed in Russia	LGEWR	:	Printed in Poland

4. Changes

Rev. Number	MMM/DD/YYYY	Signature	ECO Number	Change Contents
10				
9				
8				
7				
6				
5				
4				
3	**Oct/29/2012**	**Ungkee.Choi**	**EKLCA00835**	**To add wall mount Screws in components**
2	**Oct/11/2012**	**Ungkee.Choi**	**EKLCA00390**	**To change the part of the license**
1	**Aug/29/2012**	**Sanghee.park**	**EKLC801506**	**Hong Kong's manual development**

Pagination sheet

Part number	:	**MFL67365514**
(Revision number)		**(1210-REV03)**
Total pages	:	**72 pages**

Front (HK) P/No.	2	…	…	…	34	35	Back
Front (EN) P/No.	2	…	…	…	34	35	Back

LG
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使用者手冊

LED LCD TV

在使用本裝置前，請仔細閱讀本手冊並保留作日後參考之用。

32LT560H	32LT560E
37LT560H	37LT560E
42LT560H	42LT560E
47LT560H	47LT560E

P/NO : MFL67365514 (1210-REV03)
中國印刷

www.lg.com

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警告

- 若忽略警告訊息，則可能受到嚴重的人身傷害，並導致事故或死亡。

警告

- 若忽略注意訊息，則可能會輕微受傷或產品受損。

注意

- 注意事項有助您了解並安全使用本產品。
使用本產品前，請仔細閱讀注意事項。

授權

支援的授權因型號而有所不同。 有關授權詳情，請瀏覽 *www.lg.com*。

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開放源軟件聲明

如要取得產品中包含的 GPL、LGPL、MPL 和其他開放源授權的來源碼，請瀏覽 http://opensource.lge.com。
除了來源碼之外，所有提及的授權條款、保養免責聲明和版權聲明都可提供下載。
透過 opensource@lge.com 向 LG Electronics 發送電子郵件請求，LG Electronics 也會在 CD-ROM 上提供來源碼並只會收取涉及執行此類分銷的費用（例如媒體、運輸和處理成成本）。 此項服務的有效期自購買本產品日期後的三 (3) 年。

安全指示

使用本產品前，請仔細閱讀這些安全注意事項。

警告

- 請勿將電視及遙控器放在下列環境內：
  - 直接暴露在陽光下的地方
  - 浴室等濕度高的區域
  - 接近任何火爐等熱源或其他產生熱的裝置
  - 接近廚房櫃檯或放濕機等容易接觸到蒸汽或油的地方
  - 暴露在風雨下的地方
  - 接近花瓶等載水的容器

  否則，可能會引起火災、觸電、故障或產品變形。

- 請勿將產品放置在暴露灰塵的地方。
  可能會引起火災。

- 從裝置拔下電源插頭。 插頭必須保持易於操作。

- 請勿用濕手接觸電源插頭。 若電線引線濕或佈滿灰塵，請徹底弄乾電源插頭或擦拭灰塵。
  過於潮濕可能會有觸電危險。

- 確保將電源線連接接地電流。 （不接地的裝置除外。）
  可能會有觸電危險或受傷。

- 徹底固定電源線。
  如果電源線未徹底固定，可能會引起火災。

- 確保電源線遠離暖氣等熱源。
  可能會導致火災或觸電危險。

- 請勿在電線上放置重物或本產品。
  否則可能會導致火災或觸電危險。

- 折彎大廈內外之間的天線，以防雨水流入。
  可能會引致水損壞本產品內部，甚至導致觸電危險。

- 在牆上安裝電視時，確保不要在電視後方懸掛電線和訊號纜線。
  可能會導致火災及觸電危險。

- 請勿在單一多重插座插入過多電力裝置。
  否則可能會因過熱而導致火災。

- 連接外部裝置時，請勿掉落本產品或讓其墮下。
  否則可能會導致受傷或損壞本產品。

- 請將包裝防潮材料或乙烯基包裝物放在兒童無法觸及的地方。
  防潮材料爲有害物質，不可吞食。 若不小心吞食，請用力將其吐出，並前往鄰近醫院就醫。 乙烯基包裝物亦可引起窒息。 請放在兒童無法觸及的地方。

- 請勿讓兒童攀爬或依附在電視上。
  否則電視可能會墮下，導致重傷。

- 小心廢棄耗用電池，以防兒童吞食。
  若不慎吞食，請立即就醫。

- 當電線一端接入牆壁的輸入端時，請勿將導電體（如金屬筷子）插入電線的另一端。
  另外，插入牆壁的輸入端後，請勿立即接觸電線。
  可能會有觸電危險。
  （視乎型號而定）

- 請勿在產品附近放置或儲存易燃物。
  不慎處理易燃物可能導致爆炸或火災。

- 請勿將金屬物（如錢幣、髮卡、筷子或金屬絲等）或易燃物（如紙張及火柴）投入本產品內部。 請特別留意兒童安全。
  可能發生觸電、火災或受傷。 若有外物掉入本產品內，請拔下電源線，並聯絡服務中心。

- 請勿在本產品上噴水，或用易燃物質（苯或稀釋劑）擦洗。 可導致火災或觸電。

- 請勿撞擊本產品，勿使任何物件掉入本產品中，也不要用物件拋擲屏幕。
  可能導致受傷或產品損壞。

- 打雷或閃電風暴的天氣下，絕不要接觸本產品或天線。
  可能會有觸電危險。

- 如果漏氣，千萬不要接觸牆上插頭，請打開窗戶通風。
  可能因火花而導致火災或燒毀。

- 請勿隨意自行拆開、維修或修改產品。
  可導致火災或觸電。
  聯絡服務中心進行檢查、校準或維修。

- 如發生下列任何情況，立即拔下本產品的插頭並聯絡當地服務中心。
  - 本產品受衝擊影響
  - 本產品受損
  - 外物掉入本產品內
  - 本產品冒煙或產生異味

  可能會導致火災或觸電危險。

- 若長時間不使用本產品，請從產品拔下電線。
  灰塵聚集可能導致火災，或者絕緣層受損可導致漏電、觸電或火災。

- 本產品不得接觸任何噴水裝置，不得在本產品上放置裝有液體的任何物件，例如花瓶。

注意

- 將本產品安裝在不存在無線電波的地方。

- 在室外天線與電線之間應保持充足的距離，以防室外天線在天線掉落時接觸到電線。
  可能會有觸電危險。

- 請勿在不平穩的架子或傾斜的表面上安裝本產品。 同時要避免有震動或無法完全支撐產品的地方。
  否則本產品可能會掉落或翻倒，導致受傷或產品受損。

- 如果您在底座上安裝電視，需要採取避免產品翻倒的措施。 否則本產品可能會墮下，導致受傷。
- 如果您打算在牆上安裝本產品，將 VESA 標準安裝介面（選購部件）安裝在產品後方。 如安裝電視以使用掛牆底座（選購部件），小心固定以防掉落。
- 僅使用製造商指定的附件 / 配件。

- 安裝天線時，向合資格的服務人員查詢。
  可能會導致火災或觸電危險。

- 建議觀看電視保持的距離最少爲對角畫面大小的 2 至 7 倍。
  如果您長時間觀看電視，可能會令視覺模糊。

- 僅使用特定類型的電池。
  可能會導致遙控器受損。

- 請勿混合新舊電池使用。
  可能會導致電池過熱及滲漏。

- 確保遙控器與其感應器之間沒有物件。

- 遙控器的訊號可能受陽光或強光干擾。 在此情況下，將房間調暗。

- 在連接視訊遊戲主控台等外置裝置時，確保連接線長度充足。
  否則本產品可能會掉落，導致受傷或產品受損。

- 請勿透過插入或拔下牆上電源插頭的方式開啓/關閉本產品。 （請勿將電源插頭用作開關。）
  可能導致機械故障或觸電。

- 請按照以下安裝指示，以防產品過熱。
  - 本產品與牆壁之間的距離應超過 10 厘米。
  - 請勿在空氣不流通的地方安裝本產品（如書架上或櫥櫃內）。
  - 請勿在地毯或靠墊上安裝本產品。
  - 確保沒有桌布或窗簾阻塞通氣孔。

  否則可能會導致火災。

- 長時間觀看電視時，通風口可能會變熱，因此請小心不要接觸通風口。 不會影響本產品的操作或效能。

- 請定期檢查產品的線纜，若外表有受損或變形，請立即拔掉，停止使用本產品，並請授權服務商更換受損部分。

- 防止灰塵聚集在電源插頭或插座上。
  可能會引起火災。

- 保護電源線，防止受到物理或機械損傷，如扭轉、彎折、緊夾、受到門的擠壓或腳踩。 請格外留意插頭、牆上插頭及電線伸出裝置的地方。

- 請勿用手或指甲、鉛筆或鋼筆等尖銳物件用力按壓面板，或使其刮花。

- 避免長時間接觸或用手指握住畫面。 這樣可能會在畫面上產生一些短暫的扭曲現象。

- 清楚本產品及其零件時，先拔下插頭，再用軟布擦拭。 過份用力可能會導致劃傷或變色。 請勿噴水或用濕布擦拭。 切勿使用玻璃清潔劑、汽車或工業光油、研磨物料或蠟、苯或酒精等可能會令本產品及其面板受損的物品。
  否則可能會導致火災、觸電或產品受損（變形、腐蝕或破損）。

- 只要本裝置連接到牆上的交流電源插座，即使您按開關關閉本裝置，也不會斷開交流電源。

- 拔下電線時，請握住插頭。
  如果中斷連接電源線內的電線，可能會導致火災。

- 移動本產品時，確保先關閉電源。 然後拔下電源線、天線及所有連接線。
  電視或電源線可能受損，導致火災或觸電危險。

- 本產品較重，請兩人一起移動或取出本產品。
  否則可能會導致受傷。

- 每年聯絡服務中心一次，以清洗本產品的內部零件。
  積累的灰塵可能導致機械故障。

- 向合資格的服務人員查詢所有維修事宜。 當本產品受到任何形式的損壞，例如電源線或插頭損壞、液體濺入或物件落入裝置中、裝置暴露在雨水或潮濕環境中、裝置不能正常工作，或裝置掉落摔壞，均需要進行維修。

- 如果接觸本產品時感到冰冷，開啓時可能會有輕微閃爍。 此屬正常現象，產品沒有任何問題。

- 面板是高科技 TFT 的產品，解像度爲二百至六百萬像素。 在面板 1 ppm 的大小時，可能會見到微細的黑點及/或明亮的色點（細、藍或綠）。 這並非故障，也不會影響本產品的效能及可靠程度。
  此現象亦在第三方產品上出現，不得換貨或退貨。

- 面板的亮度和色彩可能視乎檢視位置（左/右/上/下）而有所不同。
  此現象因面板的特性所致。 與產品效能無關，並非故障。

- 長時間顯示靜態畫面（如廣播頻道標誌、畫面顯示、視訊遊戲的場景）可能導致畫面受損，造成畫面停留的情況發生，亦稱爲影像殘留。 保養不包括影像殘留的產品。
  避免在電視畫面上長時間顯示固定畫面（LCD 爲 2 小時或以上；Plasma 爲 1 小時或以上）。
  此外，如果您長時間以 4:3 比例觀看電視，面板的邊緣也可能會有影像殘留的情況發生。
  此現象亦在第三方產品上出現，不得換貨或退貨。

- 產生的聲音
  「破裂」噪音：觀看或關閉電視時出現的破裂噪音是因溫度和濕度引起的熱力收縮而產生的。 此噪音在需要熱力變形的產品上屬普遍現象。 電路發出嗡嗡聲/面板發出唧唧聲：低等級噪音是由高速開關電路而產生的，能提供大量電流以操作產品。 視乎產品而有所不同。
  產生的聲音不影響本產品的效能及可靠程度。

注意

- 圖片顯示可能與您的實際電視顯示略有不同。
- 您的電視 OSD（熒幕顯示）可能與此手冊中顯示的內容略有不同。
- 可用的功能表及選項可能與您使用的輸入來源或產品型號有所不同。
- 日後可能在此電視上新增新功能。
- 電視可置於備用模式，以減少電源消耗。
  如果有一段時間不觀看電視，應該關閉電視，這樣能減少電源消耗。
- 如果減低影像的亮度等級，使用期間能大大減少消耗的電源，這樣能降低整體的運作成本。

安裝程序

1 打開包裝並確保所有配件均有隨附。
2 將電視安裝在底座上。
3 將外置裝置連接至電視。

裝配與準備

拆掉包裝

檢查產品盒中有否載有以下項目。 如果有任何缺失的配件，請聯絡向您出售產品的本地經銷商。 本手冊的插圖可能與實際產品和項目有所不同。

警告

- 請勿使用任何未經認可的物品，以確保安全和產品壽命。
- 因使用未經認可的物品而造成的任何損壞或傷害並不包括在製造商的保養範圍內。
- 部分型號在畫面上設有一塊薄膜，絕不可移除此薄膜。

注意

- 產品隨附的項目可能視乎型號而有所不同。
- 本手冊的產品規格或內容或會因產品功能升級而隨時變更，恕不另行通知。
- 爲了達到最好的連接效果，HDMI 線和 USB 裝置接頭厚度應少於 10 毫米，寬度應少於 18 毫米。 如果 USB 線或 USB 記憶片與您的電視的 USB 連接埠尺寸不符，請使用支援 USB 2.0 的延長線。

≤

*A 10 毫米
*B 18 毫米

遙控器與電池 (AAA)
(See p. 25)

用戶手冊/卡片

纜線固定夾
(視乎型號而定)
(See p. 19)

電源線
(視乎型號而定)

底座安裝螺絲
8 EA, M4 x 14
(See p. 15)

底座固定螺釘
1 EA
(See p. 16)

底座支架 / 底座
(See p. 15)

電源線固定器
(See p. 19)

保護蓋
(See p. 18)

壁掛支架安裝螺釘
4 EA, M6 x L51
(僅限 47LT**** 型號)

EzSign 2.0 Editor CD
(僅限 32/37/42/47LT560E)

另購（僅限 32/37/42/47LT560E）

另購項目可因改善品質而隨時變更或修改，恕不另行通知。
如要購買這些項目，請聯絡經銷商。
這些裝置僅配合某些型號使用。

AN-WF100
無線加密器

相容性	LT560E	LT560H
AN-WF100 無線加密器	•	

部件與按鍵

按鍵	說明
∧ ∨	捲動已儲存的節目。
- +	調整音量。
⏻	開啓或關閉電源。

注意

- 您可在主功能表選擇選項，設定開啓或關閉待機顯示燈。

抬起與移動電視

不論任何類型及大小，抬起或移動電視時，
請閱讀下文，確保安全搬運，以防電視刮花或受損。

警告

- 避免時常點按畫面，否則會導致畫面受損。

- 建議在盒中或連同電視原有的包裝物料移動電視。
- 移動或抬起電視前，
  中斷電源線和所有纜線的連接。
- 握住電視時，畫面應背向自己，以防損壞。

- 穩固握住電視的頂部和底部。
  確保不要握住透明部分、喇叭或喇叭排孔區域。

- 應該最少有兩人搬運大型電視。
- 用手搬運大型電視時，如下圖所示握住電視。

- 搬運電視時，請勿搖動或令電視受過度震動。
- 搬運電視時，保持電視直立，切勿轉向電視的一方，或向左方或右方傾斜電視。

設定電視

圖片顯示可能與您的實際電視顯示略有不同。

裝上底座

1

2

3

警告

- 在底座上安裝電視時，
  在設有墊子的桌上或平面以畫面向下朝的方式放置電視，以防畫面刮花。
- 確保徹底旋緊螺絲。
  (如果沒有穩固旋緊螺絲，
  電視在安裝後可能會向前傾斜。)
  請勿過份用力及過度旋緊螺絲，
  否則螺絲可能會受損並無法正確旋緊。

注意

- 透過掛牆方式安裝電視前，
  先以安裝底座的相反步驟移除底座。

在桌上安裝

1 在桌上抬起並傾斜電視至其直立位置。
- 與牆壁保留 10 厘米（最少）的空間，保持空氣流通。

2 將電源線連接至牆上插頭。

警告

- 請勿將電視放在熱源附近，
  否則可能會導致火災發生或其他損害。

將電視安裝在桌上

圖片顯示可能與您的實際電視顯示略有不同。
電視必須安裝在桌上，
這樣便無法向前/向後拉動，以防
導致受傷或產品受損。

4 顆螺絲
（並非作爲產品的部分提供）

螺絲：M5 x L（*L：桌子深度 + 8-10 毫米）
例子 桌子深度：15 毫米；螺絲：M5 x 25

將電視穩固在桌上

在桌上固定電視，以防向前傾斜、
導致損壞及潛在受傷。
要在桌上固定電視，在底座後方插入並旋緊隨附螺絲。

警告

- 要防止電視墮下，
  應按照安裝指示將電視穩固安裝在地面/牆壁上。
  傾斜、搖動或搖晃電視可能會導致受傷。

調整電視角度以配合檢視

向左或右轉動 90 度並調整電視角度以配合檢視。

警告

- 調整電視角度時，小心留意手指。
» 如果夾到手或手指，可能會導致受傷。 如果產品傾斜得太多，可能會墮下，導致損害或受傷。

將電視穩固在牆上

（並非所有型號提供此功能。）

1 插入並旋緊眼型螺栓，
或電視托架及電視後方的螺栓。
如果螺栓已插入眼型螺栓的位置，先移除螺栓。
2 使用螺栓將掛牆托架安裝在牆上。
將掛牆托架的位置對準電視後方的眼型螺栓。
3 使用堅固的繩索緊緊連接眼型螺栓和掛牆托架。
確保繩索與平面保持水平。

警告

- 確保兒童不會在電視上攀爬或吊掛。

注意

- 使用足以穩固支撐電視的堅固大型平台或櫥櫃。
- 不提供托架、螺栓及繩索。
  您可從本地經銷商取得其他配件。

在牆壁上安裝

將選購的壁掛支架小心安裝在電視後方，再將壁掛支架安裝在與地面垂直的堅固牆壁上。 將電視安裝在其他建築物料時，請聯絡合資格的人員。
LG 建議應由合資格的專業安裝人員進行掛牆安裝。

確保使用符合 VESA 標準的螺絲及壁掛支架。 壁掛支架套件的標準尺寸如下表所述。

另購（壁掛支架）

型號	32LT56**	
VESA	200x100	
標準螺絲	M4	
螺絲數目	4	
壁掛支架（選購）	LSW100B(G)	
型號	37/42LT56**	
VESA	200x200	
標準螺絲	M6	
螺絲數目	4	
壁掛支架（選購）	LSW200B(G)	LSW220BX
型號	47LT56**	
VESA	400 x 400	
標準螺絲	M6	
螺絲數目	4	
壁掛支架（選購）	LSW420B(X)	

警告

- 先中斷電源連接，然後移動或安裝電視。
  否則可能會有觸電危險。
- 如果您天花板或傾斜的牆壁上安裝電視，
  電視可能會墮下並導致嚴重損傷。
  使用經認可的 LG 掛牆底座，
  並聯絡本地經銷商或合資格的人員。
- 請勿過度旋緊螺絲，
  否則會導致電視受損及保養失效。
- 使用符合 VESA 標準的螺絲和壁掛支架。
  因誤用或使用不當配件而造成的任何損壞或傷害並不包括在製造商的保養範圍內。
- 在 47LT**** 型號，使用 M6 x L51 螺絲。

注意

- 使用在 VESA 標準螺絲規格列出的螺絲。
- 壁掛支架套件包括安裝手冊和所需部件。
- 壁掛支架屬選購項目。
  您可從本地經銷商取得其他配件。
- 螺絲長度視乎壁掛支架而有所不同。
  確保使用合適的長度。
- 有關詳情：請參閱壁掛支架隨附的手冊。

不使用桌型底座

圖片顯示可能與您的實際電視顯示略有不同。
安裝壁掛裝置時，請使用保護蓋。
將保護蓋插入電視，直至聽到卡嗒聲爲止。

整理纜線

1 安裝電源線固定器及電源線。
有助防止意外移除電源線。

2 使用纜線固定夾聚集並紮起纜線。

警告

- 請勿握住纜線固定夾來移動電視，否則纜線固定夾可能會碎裂，導致受傷及電視受損。

進行連接

將不同外置裝置連接至電視，並切換輸入模式以選取外置裝置。 有關外置裝置連接的詳情，請參閱每個裝置提供的手冊。
可用的外置裝置有：HD 接收器、DVD 播放器、VCR、音效系統、USB 儲存裝置、電腦、遊戲裝置及其他外置裝置。

注意

- 外置裝置連接視乎型號而有所不同。
- 連接外部裝置至電視，
  無須理會電視連接埠的順序。
- 如果您在 DVD 錄影機或 VCR 錄製電視節目，
  確保透過 DVD 錄影機或 VCR
  將電視訊號輸入纜線連接至電視。
  有關錄影的詳情，請參閱連接裝置提供的手冊。
- 有關操作說明，請參閱外部裝置手冊。
- 如果您將遊戲裝置連接至電視，
  使用遊戲裝置隨附的纜線。
- 在電視模式，或許出現與解像度、垂直模式、對比度或亮度相關的雜訊。 如果出現雜訊，
  將電腦輸出變更爲其他解像度，
  將刷新率變更爲其他刷新率、
  或在影像功能表中調整亮度和對比度，
  直至影像清晰爲止。
- 在電腦模式，
  部分解像度設定可能視乎圖形卡而無法正常運作。

天線連接

使用 RF 線 (75 Ω) 將電視連接至牆壁天線插座。

注意

- 如使用兩部電視以上，使用訊號分線器。
- 如畫面品質惡劣，
  正確安裝訊號放大器以改善圖像品質。
- 如有連接天線，但畫面品質惡劣，
  嘗試以正確方向重新對準天線。
- 並不隨附天線及轉換器。

外部揚聲器輸出

連接外部揚聲器。

注意

- 確保連接外部揚聲器時，電視電源爲關閉。

HDMI 連接

將電腦的數碼視訊和音效訊號傳輸至電視。 使用 HDMI 線連接電腦與電視，如下圖所示。

DVD/ Blu-Ray / 高清收費電視機頂盒 / 高清 STB / 電腦

注意

- 建立使用備有 HDMI 連接的電視，以取得最佳畫面品質。
- 使用備有 CEC（客戶電子控制）功能的最新高速 HDMI™ 線。
- 已測試高速 HDMI™ 線可傳送高達 1080p 及以上的 HD 訊號。
- 支援的數碼電視音效：MPEG、Dolby Digital、Dolby Digital Plus、HE-AAC
- 支援的 HDMI 音效格式：Dolby Digital、PCM（高達 192 KHz，32k/44.1k/48k/88 k/96k/176k/192k，不支援 DTS。）

DVI 至 HDMI 連接

將外置裝置的數碼視訊訊號傳輸至電視。 按照所示，使用 DVI-HDMI 線連接外置裝置與電視。 要傳輸音效訊號，連接音效纜線。

DVD/ Blu-Ray / 高清收費電視機頂盒 / 高清 STB / 電腦

注意

- 視乎圖形卡，如果正使用 HDMI 至 DVI 電纜，DOS 模式可能無法運作。

合成連接

將外置裝置的類比視訊和音效訊號傳輸至電視。 按照所示，使用合成電纜連接外置裝置與電視。

VCR / DVD / Blu-Ray / 高清收費電視機頂盒

色差連接

將外置裝置的類比視訊和音效訊號傳輸至電視。 按照所示，使用色差性別電纜連接外置裝置與電視。

DVD / Blu-Ray / 高清收費電視機頂盒

注意

- 如果纜線安裝不正確，
  可能導致畫面顯示爲黑白或色彩失真。

RGB-PC 連接

將電腦的類比視訊訊號傳輸至電視。 使用隨附的 D-sub 15 針訊號纜線連接電腦與電視，如下圖所示。

音效連接

您可使用選購的外置音效系統，而不使用內置喇叭。

注意

- 如果您不使用內置喇叭，而使用選購的外置喇叭，請將電視喇叭功能設定爲關閉。

數碼光纖音效連接

將電視的數碼音訊訊號傳輸至外置裝置。
使用光纖音訊纜線連接外置裝置與電視，如下圖所示。

注意

- 切勿使用光纖輸出連接埠。
  凝視激光束可能會損壞您的視覺。
- 備有 ACP（自動複製保護）
  的音效功能可能阻擋數碼音效輸出。

耳機連接

將電視的耳機訊號傳輸至外置裝置。 使用耳機連接外置裝置與電視，如下圖所示。

注意

- 連接耳機時停用音效功能表項目。
- 使用連接的耳機變更 AV 模式時，變更只會套用在視訊上，而不會套用在音訊上。
- 連接耳機時，無法使用光纖數碼音效輸出。
- 耳機阻抗：16 Ω
- 耳機最大音效輸出：9 mW 至 15 mW
- 耳機插頭尺寸：0.35 厘米

USB 連接

將 USB 儲存裝置，如 USB 快閃記憶體、外置硬碟或 USB 記憶卡讀取器連接至電視，然後存取 My media 功能表即可使用各種多媒體檔案。

遙控器

本手冊的描述基於遙控器的按鍵而定。
請仔細閱讀本手冊並正確使用電視。
要更換電池，打開電池蓋，更換電池 (1.5 V AAA) 時將 ⊕ 和 ⊖ 端配對電池格內的標籤，然後關上電池蓋。
如要移除電池，以相反步驟執行動作。

警告

- 請勿混合使用新舊電池，否則遙控器可能受損。
- 在類比電視及部分國家中，部分遙控器按鍵可能無法運作。

確保將遙控器指向電視的遙控器感應器。

⏻電源 開啓或關閉電視。
ENERGY SAVING 調整畫面亮度以減少能源消耗。
AV MODE 選擇 AV 模式。
INPUT 檢查輸入來源。
TV/RAD 選擇收音機、電視和數碼電視節目。
GUIDE 顯示節目指南。（僅限 LT560H） 在 EzSign 模式顯示目錄清單 （僅限 LT560E）
HOME 清除所有畫面顯示，從任何功能表返回電視檢視。
Q. MENU 存取快速功能表。
INFO 檢視目前節目及畫面的資訊。 （僅限 LT560H） 在 EzSign 模式顯示或隱藏電視遙控器按鍵的資訊。 （僅限 LT560E）
方向鍵（上/下/左/右） 捲動功能表或選項。
OK 選擇功能表或選項並確認輸入。
↩ 返回上一個等級。
EXIT 清除所有畫面顯示並返回電視檢視。
SIMPLINK 存取透過 HDMI-CEC 以 HDMI 線連接的 AV 裝置。 開啓 SIMPLINK 功能表。

數字鍵 輸入數字。
LIST 存取已儲存的節目清單。
Q.VIEW 返回之前檢視的節目。
+⊿− 調整音量。
FAV 存取最喜愛的節目清單。
PORTAL 顯示並移除酒店互動功能表。 （僅限 LT560H） 在電視畫面顯示 EzSign 內容。 （僅限 LT560E）
MUTE 靜音所有聲音。
∨P∧ 捲動已儲存的節目。
PAGE 移至上一個或下一個畫面。
色彩按鍵 存取部分功能表的特別功能。 （：紅；：綠；：黃；：藍）
1 電視文字廣播按鍵 這些按鍵用於電視文字廣播。
SUBTITLE 在數碼模式調用所需字幕。
按制按鍵（■、▶、II、◀◀、▶▶） 控制我的媒體功能表或 SIMPLINK 相容的裝置 (USB,SIMPLINK)。（僅限 LT560H） 開啓 EzSign 內容時則無法使用。 (僅限 LT560E)

維護

清潔電視

定期清潔電視，以保持最佳效能並延長產品壽命。

警告

- 確保先關閉電源並中斷電源線及所有其他纜線的連接。
- 長時間不觀看或使用電視時，從牆上插頭中斷電源線的連接，以防閃電或電源激增而可能造成的損毀。

畫面、邊框、櫥櫃與底座

- 要移除灰塵或輕微污漬，用清潔的乾軟布擦拭表面。
- 如要清除較大的污漬，使用沾溼清水或稀釋溫和洗滌劑的軟布擦拭表面。 然後立即使用乾布擦拭。

警告

- 避免時常點按畫面，否則會導致畫面受損。
- 請勿使用指甲或尖銳物件推動、磨擦或擊打畫面表面，否則可能導致刮痕及畫面扭曲現象。
- 請勿使用任何化學物質，否則可能導致產品受損。
- 請勿在表面上噴上液體。 如果水滲進電視，可能導致火災、觸電或出現故障。

電源線

定期清除電源線上積聚的灰塵。

疑難排解

問題	解決方案
無法使用遙控器控制電視。	• 請檢查產品上的遙控器感應器，然後再試一次。 • 請檢查產品和遙控器之間是否有任何障礙物。 • 請檢查電池是否仍可使用，且已正確安裝 （ ⊕對 ⊕； ⊖對 ⊖）。
沒有畫面顯示或沒有聲音。	• 請檢查產品是否已開機。 • 請檢查電線是否已連接至牆上插頭。 • 請連接其他產品，確認牆上插頭是否有問題。
電視突然關機。	• 檢查電源控制設定。 電源供應可能中斷。 • 請檢查時間設定中的自動睡眠功能是否已啓用。 • 如果在電視開機時沒有訊號，15 分鐘後若無任何動作，電視就會自動關機。
連接至電腦 (RGB/HDMI DVI) 時顯示「No signal」或「Invalid Format」。	• 使用遙控器關閉/開啓電視。 • 重新連接 RGB/HDMI 纜線。 • 在開啓電視的情況下重新啓動電腦。

使用 EZSIGN 2.0 的注意事項

僅限 32/37/42/47LT560E

- 複製數據期間，請勿移除 USB 硬碟。 可能會損壞複製，而 EzSign 或許無法正常運作。
- 載入 USB 裝置或加密器期間，電視的運作速度可能比正常慢。
- 運行 EzSign 內容期間，USB 模式不支援具備內置字幕的電影。 EzSign TV 電視僅支援外置字幕。
  （外置字幕格式： *.smi/*.srt/*.subMicroDVD, Subviewer 1.0/2.0)/*.ass/*.ssa/*.txt(TMPlayer)/*.psb(PowerDivX))
- 部分用戶建立的字幕可能無法正常運作。
- 字幕不支援一些特別字元。
- 字幕不支援 HTML 標籤。
- 字幕無法使用支援語言以外的語言。
- EzSign 2.0 TV 功能在完成初始設定精靈之前不會運作。 安裝後開啓電視，確保完成初始設定精靈。
- 如果根據電視訊號設定時間，部分地區可能無法準確顯示。 在此情況下，手動設定時間。
- 建議在播放檔案前，將檔案複製至電視記憶體，因爲長時間直接從 USB 記憶體播放可能導致裝置過熱。
- 在 EzSign 2.0 TV 模式，部分遙控器按鍵可能無法運作。
- EzSign 2.0 TV 不支援 USB 埠。 建議將 USB 裝置直接連接至電視，而不使用 USB 延長線，因爲延長線可能無法正常運作。
- 建議按照標準每日使用 EzSign 2.0 TV 不超過 8 小時。
- 如需詳細資料，請參閱 EzSign 2.0 Editor 使用指南。
- EzSign 2.0 TV 不支援商店展示。

規格

產品規格或會因產品功能升級而隨時變更，恕不另行通知。
有關電源供應及電源消耗，請參閱產品隨附的標籤。

型號		32LT560H/ 32LT560E	37LT560H/ 37LT560E
		32LT560H-CA 32LT560E-CA	37LT560H-CA 37LT560E-CA
尺寸 (W x H x D)	連底座（毫米）	766.0 x 536.0 x 232.0	867.0 x 593.0 x 232.0
	不連底座（毫米）	766.0 x 476.0 x 68.5	867.0 x 533.0 x 68.6
重量	連底座（千克）	9.2	11.2
	不連底座（千克）	8.0	10.0
電源要求		AC 100-240 V~ 50 / 60 Hz	AC 100-240 V~ 50 / 60 Hz
型號		42LT560H/ 42LT560E	47LT560H/ 47LT560E
		42LT560H-CA 42LT560E-CA	47LT560H-CA 47LT560E-CA
尺寸 (W x H x D)	連底座（毫米）	992.0 x 667.0 x 273.0	1101.0 x 729.0 x 273.0
	不連底座（毫米）	992.0 x 604.0 x 69.5	1101.0 x 665.0 x 69.2
重量	連底座（千克）	15.5	17.3
	不連底座（千克）	13.5	15.3
電源要求		AC 100-240 V~ 50 / 60 Hz	AC 100-240 V~ 50 / 60 Hz

類比型號，香港	電視系統	PAL/-B/G/D/K, PAL-I, NTSC-M			
	頻道覆蓋	BAND	PAL-BG/I	NTSC-M	PAL-DK
		VHF/UHF	1~69	2~78	1~62
		CATV	1~47	1~71	1~41
數碼電視	電視系統	DTMB			
	頻道覆蓋	DTMB			
		21~69			

環境條件	操作溫度	0 °C 至 40 °C
	操作濕度	少於 80%
	儲存溫度	-20 °C 至 60 °C
	儲存濕度	少於 85%

IR 代碼

- 並非所有型號提供此功能。

代碼 (六)	功能	注意
08	⏻（電源）	遙控器按鍵（開啓/關閉電源）
95	ENERGY SAVING	遙控器按鍵
0B	INPUT	遙控器按鍵
F0	TV/RAD	遙控器按鍵
10-19	數字鍵 0-9	遙控器按鍵
53	LIST	遙控器按鍵
1A	Q.VIEW	遙控器按鍵
02	VOL+	遙控器按鍵
03	VOL -	遙控器按鍵
1E	FAV	遙控器按鍵
09	MUTE	遙控器按鍵
00	P∧ (PR∧)	遙控器按鍵
01	P∨ (PR∨)	遙控器按鍵
AB	GUIDE	遙控器按鍵
45	Q.MENU	遙控器按鍵
28	⮌	遙控器按鍵
AA	INFO	遙控器按鍵
5B	EXIT	遙控器按鍵
44	OK	遙控器按鍵
40	∧	遙控器按鍵
41	∨	遙控器按鍵
07	❮	遙控器按鍵
06	❯	遙控器按鍵
72	紅	遙控器按鍵
71	綠	遙控器按鍵
63	黃	遙控器按鍵
61	藍	遙控器按鍵
20	文字	遙控器按鍵
21	T.OPT (T.Option)	遙控器按鍵
39	SUBTITLE	遙控器按鍵
B1	■	遙控器按鍵
B0	▶	遙控器按鍵
BA	❚❚	遙控器按鍵
8E	▶▶	遙控器按鍵
8F	◀◀	遙控器按鍵
7E	SIMPLINK	遙控器按鍵
30	AV MODE	遙控器按鍵
43	HOME	遙控器按鍵
0C	PORTAL	遙控器按鍵

外置裝置設定

RS-232C 設定

將RS-232C（序列連接埠）輸入插頭連接至外置控制裝置（如電腦或A/V控制系統），從而外部控制本產品的功能。
將控制裝置的序列連接埠連接至產品後方面板的 RS-232C 插孔。
注意：本產品不提供 RS-232C 連接線。

連接器類型；D-Sub 9 針公頭

號碼	針名
1	3.5V
2	RXD（接收數據）
3	TXD（傳輸數據）
4	電視的 IR 輸出
5	GND
6	沒有連接
7	沒有連接
8	沒有連接
9	沒有連接（部分型號可用 12V）

RS-232C 配置

7 線設定（標準 RS-232C 線）

3 線設定（非標準）

ID 設定

設定 ID 號碼。 開啓「Real Data Mapping」See p.35

1 按下主頁可存取主功能表。

2 按方向鍵可捲動至選項，然後按下確定。

3 按方向鍵可捲動至 ID 設定，然後按下確定。

4 向左或右捲動可選擇設定 ID 號碼，然後選擇關閉。 調整範圍爲 1-99。

5 完成後，按下離開。

通訊參數

- 鮑率：9600 bps (UART)
- 數據長度：8 位元
- 同位：沒有
- 停止位元：1 位元
- 通訊代碼：ASCII 代碼
- 使用交叉（相反）電纜。

指令參考清單

（視乎型號而定）

	COMMAND1	COMMAND2	數據（十六進制）		COMMAND1	COMMAND2	數據（十六進制）
01. 電源	k	a	00 至 01	13. 高音	k	r	00 至 64
02. 畫面比例	k	c	(See p.33)	14. 低音	k	s	00 至 64
03. 畫面靜音	k	d	(See p.33)	15. 平衡	k	t	00 至 64
04. 音量靜音	k	e	00 至 01	16. 色溫	x	u	00 至 64
05. 音量控制	k	f	00 至 64	17. 智能節電模式	j	q	00 至 05
06. 對比度	k	g	00 至 64	18. 自動設定	j	u	01
07. 亮度	k	h	00 至 64	19. 調校指令	m	a	(See p. 35)
08. 色彩	k	i	00 至 64	20. 新增/略過節目	m	b	00 至 01
09. 色調	k	j	00 至 64	21. 按鍵	m	c	按鍵代碼
10. 銳利度	k	k	00 至 64	22. 控制背光	m	g	00 至 64
11. 選取 OSD	k	l	00 至 01	23. 選取輸入（主功能表）	x	b	(See p.35)
12. 遙控器鎖定模式	k	m	00 至 01				

- 注意：DivX 或 EMF 等 USB 操作期間，電源 (ka) 及按鍵 (mc) 以外的所有指令均不會執行並當作爲 NG。

傳送 / 接收協定

傳送

[Command1][Command2][ ][Set ID][ ][Data][Cr]

[Command 1] ：第一個控制電視的指令（j、k、m 或 x）
[Command 2] ：第二個控制電視的指令。
[Set ID] ：您可在選項功能表中調整 ID 設定以選擇所需的顯示器 ID 號碼。 調整範圍爲 1 至 99。 當選擇 ID 設定「0」，將會控制每個連接的電視。
ID 設定在功能表上以小數（1 至 99）表示，在傳送 / 接收協定時以十六進制（0x0 至 0x63）表示。
[Data] ：傳送指令數據。 傳送「FF」數據以讀取指令狀態。
[Cr] ：運送返回
ASCII 代碼「0x0D」
[ ] ：ASCII 代碼「space (0x20)」

確定通知

[Command2][ ][Set ID][ ][OK][Data][x]

*電視接收正常數據時，將會根據此格式傳送ACK（通知）。 此時，如果數據爲數據讀取模式，即表示現有的狀態數據。 如果數據爲數據寫入模式，便會返回電腦的數據。

錯誤通知

[Command2][ ][Set ID][ ][NG][Data][x]

* 電視接收異常數據或通訊出現錯誤時，將會根據此格式傳送 ACK（通知）。

Data 00：非法代碼

01. 電源（指令：k a）

▶ 控制開啓/關閉電視的電源。

傳送 [k][a][ ][Set ID][ ][Data][Cr]

Data 00：關閉電源 01：開啓電源

Ack [a][ ][[Set ID][ ][OK/NG][Data][x]

▶ 顯示開啓/關閉電源。

傳送 [k][a][ ][Set ID][ ][FF][Cr]

Ack [a][ ][[Set ID][ ][OK/NG][Data][x]

* 同樣地，如果其他功能根據此格式傳送「0xFF」數據，通知數據反饋展示每個功能的狀態。
* 電視電源爲開啓時，確定 Ack.；錯誤 Ack. 及其他訊息可能會在畫面上顯示。

02. 畫面比例（指令：k c）（主影像大小）

▶ 調整畫面格式。（主影像格式）
您亦可使用 Q.MENU 或影像功能表的畫面比例調整畫面格式。

傳送 [k][c][ ][Set ID][ ][Data][Cr]

Data 01 ：正常畫面 (4:3) 0B ：寬 螢幕
02 ：寬廣畫面 (16:9) 10 至 1F： 劇院縮放 1 至 16
04 ：縮放
06 ：原始比例
07 ：14:9
09 ：點對點掃描

Ack [c][ ][[Set ID][ ][OK/NG][Data][x]

* 您可使用電腦輸入選擇 16:9 或 4:3 的畫面比例。
* 在數碼電視/HDMI (1080i 50 Hz / 60 Hz, 720p 50Hz / 60 Hz, 1080p 24 Hz / 30 Hz / 50 Hz / 60 Hz)，色差 (720p, 1080i, 1080p 50 Hz / 60 Hz) 模式中，可使用點對點掃描。
* 僅有數碼電視支援寬螢幕。

03. 畫面靜音（指令：k d）

▶ 選擇開啓/關閉畫面靜音。

傳送 [k][d][ ][Set ID][ ][Data][Cr]

Data 00： 關閉畫面靜音（開啓畫面）
關閉視訊靜音
01： 開啓畫面靜音（關閉畫面）
10： 開啓視訊靜音

Ack [d][ ][[Set ID][ ][OK/NG][Data][x]

* 如果僅開啓視訊靜音，電視將會顯示畫面顯示 (OSD)。 但如果是開啓畫面靜音，電視便不會顯示 OSD。

04. 音量靜音（指令：k e）

▶ 開啓/關閉控制音量靜音。
您可使用遙控器的靜音按鍵調整靜音。

傳送 [k][e][ ][Set ID][ ][Data][Cr]

Data 00：開啓音量靜音（關閉音量）
01 ：關閉音量靜音（開啓音量）

Ack [e][ ][[Set ID][ ][OK/NG][Data][x]

05. 音量控制（指令：k f）

▶ 調整音量。
您可使用遙控器的音量鍵調整音量。

傳送 [k][f][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [f][ ][[Set ID][ ][OK/NG][Data][x]

06. 對比度（指令：k g）

▶ 調整畫面對比度。
您亦可在影像功能表調整對比度。

傳送 [k][g][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [g][ ][[Set ID][ ][OK/NG][Data][x]

07. 亮度（指令：k h）

▶ 調整畫面亮度。
您亦可在影像功能表調整亮度。

傳送 [k][h][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [h][ ][[Set ID][ ][OK/NG][Data][x]

08. 色彩（指令：k i）

▶ 調整畫面色彩。
您亦可在影像功能表調整色彩。

傳送 [k][i][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [i][ ][[Set ID][ ][OK/NG][Data][x]

09. 色調（指令：k j）

▶ 調整畫面色調。
您亦可在影像功能表調整色調。

傳送 [k][j][ ][Set ID][ ][Data][Cr]

Data 紅：00 至綠：64
* 請參閱「對應真正數據」。 See p.35.

Ack [j][ ][[Set ID][ ][OK/NG][Data][x]

10. 銳利度（指令：k k）

▶ 調整畫面銳利度。
您亦可在影像功能表調整銳利度。

傳送 [k][k][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [k][ ][[Set ID][ ][OK/NG][Data][x]

11. 選取 OSD（指令：k l）

▶ 遠端控制時選擇開啓/關閉 OSD（畫面顯示）。

傳送 [k][l][ ][Set ID][ ][Data][Cr]

Data 00：關閉 OSD 01：開啓 OSD

Ack [l][ ][[Set ID][ ][OK/NG][Data][x]

12. 遙控器鎖定模式（指令：k m）

▶ 鎖定顯示器及遙控器的前面板控制。

傳送 [k][m][ ][Set ID][ ][Data][Cr]

Data 00：關閉鎖定 01：開啓鎖定

Ack [m][ ][[Set ID][ ][OK/NG][Data][x]

* 如果您並非使用遙控器，使用此模式。
開啓/關閉電源時，將會釋放外置控制鎖定。
* 在備用模式，如果開啓按鍵鎖，按 IR 或本地按鍵的電源鍵將不會開啓電視。

13. 高音（指令：k r）

▶ 調整高音。
您亦可在音效功能表調整高音。

傳送 [k][r][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [r][ ][[Set ID][ ][OK/NG][Data][x]

14. 低音（指令：k s）

▶ 調整低音。
您亦可在音效功能表調整低音。

傳送 [k][s][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [s][ ][[Set ID][ ][OK/NG][Data][x]

15. 平衡（指令：k t）

▶ 調整平衡。
您亦可在音效功能表調整平衡。

傳送 [k][t][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [t][ ][[Set ID][ ][OK/NG][Data][x]

16. 色溫（指令：x u）

▶ 調整色溫。 您亦可在影像功能表調整色溫。

傳送 [x][u][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64
* 請參閱「對應真正數據」。 See p.35.

Ack [u][ ][[Set ID][ ][OK/NG][Data][x]

17. 智能節電模式（指令：j q）

▶ 減少電視的電源消耗。 您亦可在影像功能表調整智能節電模式。

傳送 [k][q][ ][Set ID][ ][Data][Cr]

節電模式					等級				說明
7	6	5	4		3	2	1	0	
0	0	0	0	低電源	0	0	0	0	關閉
0	0	0	0	低電源	0	0	0	1	最小
0	0	0	0	低電源	0	0	1	0	正常
0	0	0	0	低電源	0	0	1	1	最大
0	0	0	0	低電源	0	1	0	1	關閉畫面
0	0	0	0	低電源	0	1	0	0	自動

Ack [q][ ][[Set ID][ ][OK/NG][Data][x]

18. 自動設定（指令：j u）

▶ 自動調整影像位置及減少畫面震動。 僅可在 RGB（電腦）模式使用。

傳送 [k][u][ ][Set ID][ ][Data][Cr]

Data 01：設定

Ack [u][ ][[Set ID][ ][OK/NG][Data][x]

19. 調校指令（指令：m a）

▶ 選擇頻道至以下實際編號。

傳送 [m][a][ ][Set ID][ ][Data0][ ][Data1][ ][Data2][Cr]

Data00： 高頻道數據
Data01： 低頻道數據
例子 編號 47 -> 00 2F (2FH)
編號 394 -> 01 8A (18AH),
數碼電視編號 0 -> 沒所謂
Data02： 0x00：類比主功能表
0x10：數碼電視主功能表
0x20：收音機

頻道數據範圍
類比 - 最小：00 至最大：63（0 至 99）
數碼 - 最小：00 至最大：3E7 （0 至 999）

Ack [a][ ][[Set ID][ ][OK/NG][Data][x]

Data 最小：00 至最大：7DH

20. 新增/略過節目（指令：m b）

▶ 設定目前節目的略過狀態。

傳送 [m][b][ ][Set ID][ ][Data][Cr]

Data 00：略過 01：新增

Ack [b][ ][[Set ID][ ][OK/NG][Data][x]

21. 按鍵（指令：m c）

▶ 發送 IR 遠端按鍵代碼。

傳送 [m][c][ ][Set ID][ ][Data][Cr]

Data 按鍵代碼 - See p.29。

Ack [c][ ][[Set ID][ ][OK/NG][Data][x]

22. 控制背光（指令：m g） （僅限 LCD TV/LED LCD TV）

▶ 控制背光。

傳送 [m][g][ ][Set ID][ ][Data][Cr]

Data 最小：00 至最大：64

Ack [g][ ][[Set ID][ ][OK/NG][Data][x]

23. 選取輸入（指令：x b）
（主影像輸入）

▶ 選擇主影像的輸入來源。

傳送 [x][b][ ][Set ID][ ][Data][Cr]

Data 結構

MSB LSB

0	0	0	0	0	0	0	0
外置輸入				輸入號碼			

外置輸入				數據
0	0	0	0	數碼電視
0	0	0	1	類比
0	0	1	0	AV
0	1	0	0	色差
0	1	1	0	RGB
0	1	1	1	HDMI
1	0	0	0	
1	0	0	1	
1	0	1	0	

輸入號碼				數據
0	0	0	0	Input1
0	0	0	1	Input2
0	0	1	0	Input3
0	0	1	1	Input4

Ack [b][ ][[Set ID][ ][OK/NG][Data][x]

* 對應真正數據
00： 步驟 0
⋮
A： 步驟 10（設定 ID 10）
⋮
F： 步驟 15（設定 ID 15）
10： 步驟 16（設定 ID 16）
⋮
64： 步驟 100
⋮
6E： 步驟 110
⋮
73： 步驟 115
74： 步驟 116
⋮
CF： 步驟 199
⋮
FE： 步驟 254
FF： 步驟 255

LG
Life's Good

記下電視的型號和序列號。
參考後蓋上的標籤，當您要求任何服務時將此資訊告之經銷商。

型號：_____
序號 ：_____

LG
Life's Good

OWNER'S MANUAL
LED LCD TV

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

32LT560H	32LT560E
37LT560H	37LT560E
42LT560H	42LT560E
47LT560H	47LT560E

www.lg.com

ENGLISH

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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

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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.

- 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 2 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 tempera-ture 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 depend-ing on the product.
  This generated sound does not affect the performance and reliability of the product.

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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.

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 manufacturer's 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 ≤ 10 mm
*B ≤ 18 mm

Remote control and batteries (AAA)
(See p. 25)

Owner's manual

Cable holder
(Depending on model)
(See p. 19)

Power Cord
(Depending on model)

Stand Screws
8 EA, M4 x 14
(See p. 15)

Desk-mount Screw
1 EA
(See p. 16)

Stand body / Stand base
(See p. 15)

Power Cord holder
(See p. 19)

Protection cover
(See p. 18)

Wall mount Screws
4 EA, M6 x L51
(Only 47LT**** models)

EzSign 2.0 Editor CD
(Only 32/37/42/47LT560E)

ENGLISH

Separate purchase (Only 32/37/42/47LT560E)

Separate purchase items can be changed or modified for quality improvement without any notification.
Contact your dealer to buying these items.
These devices only work with certain models.

AN-WF100
Wireless Dongle

Compatibility	LT560E	LT560H
AN-WF100 Wireless Dongle	•	

Parts and buttons

Button	Description
^ v	Scrolls through the saved programmes.
- +	Adjusts the volume level.
⏻	Turns the power on or off.

NOTE

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

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Lifting and moving the TV

When moving or lifting the TV, read the following to prevent the TV from being scratched or damaged and for safe transporta tion 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.

Setting up the TV

Image shown may differ from your TV.

Attaching the stand

1

3

2

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.
- 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 use too much force and over tighten the screws; otherwise screw may be damaged and not tighten correctly.

NOTE

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

ENGLISH

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.

Attaching the TV to a table

Image shown may differ from your TV.
The TV must be attached to desk so it cannot be pulled in a forward/backward direction, potentially causing injury or damaging the product.

4-Screws
(not provided as parts of the product)

Screws: M5 x L (*L: Table depth + 8-10 mm)
ex) Table depth: 15 mm, Screw: M5 x 25

Securing the TV to a table

Fix the TV to a table to prevent from tilting forward, damage, and potential injury.
To secure the TV to a table, insert and tighten the supplied screw on the rear of the stand.

WARNING

- To prevent TV from falling over, the TV should be securely attached to the floor/ wall per installation instructions. Tipping, shaking, or rocking the TV may cause injury.

Adjusting the angle of the TV to suit view

Swivel 90 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, or TV brackets and bolts on the back of the TV.
   - 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 an optional 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.

Separate purchase (Wall Mounting Bracket)

Model	32LT56**	
VESA	200 x 100	
Standard screw	M4	
Number of screws	4	
Wall mount bracket (optional)	LSW100B(G)	
Model	37/42LT56**	
VESA	200 x 200	
Standard screw	M6	
Number of screws	4	
Wall mount bracket (optional)	LSW200B(G)	LSW220BX
Model	47LT56**	
VESA	400 x 400	
Standard screw	M6	
Number of screws	4	
Wall mount bracket (optional)	LSW420B(X)	

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 severe injury. Use an authorized LG wall mount 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 mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the manufacturer's warranty.
- On the 47LT**** models, use M6 x L51 screws.

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 wall mount bracket is optional. You can obtain additional accessories from your local dealer.
- 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.

Not using the desk-type stand

Image shown may differ from your TV.
When installing the wall-mounted unit, use the protection cover.

Insert the **Protection cover** into the TV until clicking sound.

Tidying cables

1 Install the Power Cord Holder and Power Cord. It will help prevent the power cable from being removed by accident.

2 Gather and bind the cables with the 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

Connect various external devices to the TV and switch input modes to select an external device. For more information of 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.

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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 supplied.

External speaker out

Connecting External Speaker.

NOTE

- Make sure when connecting External Speaker that TV is Power OFF.

HDMI connection

Transmits the digital video and audio signals from your PC to the TV. Connect the PC and the TV with the HDMI cable as shown.

DVD/ Blu-Ray / HD Cable Box / HD STB / PC

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.)

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.

DVD/ Blu-Ray / HD Cable Box / HD STB / PC

NOTE

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

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Composite connection

Transmits analog video and audio signals from an external device to the TV. Connect the external device and the TV with th e composite cable as shown.

VCR / DVD / Blu-Ray / HD Cable Box

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.

DVD / Blu-Ray / HD Cable Box

NOTE

- If cables are not installed correctly, it could cause this image to display in black and white or with distorted colours.

RGB-PC connection

Transmits the analogue video signal from your PC to the TV. Connect the PC and the TV with the supplied D-sub 15 pin signal cable as shown in the following illustrations.

Audio connection

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

NOTE

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

Digital optical audio connection

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

NOTE

- 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.

Headphone connection

Transmits the headphone signal from the TV to an external device. Connect the external device and the TV with the headphone as shown in the following illustrations.

NOTE

- AUDIO menu items are disabled when connecting a headphone.
- When changing AV MODE with a headphone connected, the change is applied to video but not to audio.
- Optical Digital Audio Out is not available when connecting a headphone.
- Headphone impedance: 16 Ω
- Max audio output of headphone: 9 mW to 15 mW
- Headphone jack size: 0.35 cm

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 My media menu to use various multimedia files.

ENGLISH

REMOTE CONTROL

The descriptions in this manual are based on the buttons on the remote control.
Please read this manual carefully and use the TV correctly.
To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover.
To remove the batteries, perform the installation actions in reverse.

CAUTION

- Do not mix old and new batteries, as this may damage the remote control.
- In Analogue TV and some countries, some remote control buttons may not work.

Make sure to point the remote control toward the remote control sensor on the TV.

⏻ POWER
Turns the TV on or off.

ENERGY SAVING
Adjusts the brightness of the screen to reduce energy consumption.

AV MODE
Selects an AV mode.

INPUT
Changes the input source.

TV/RAD
Selects Radio, TV and DTV programme.

GUIDE
Shows programme guide.(Only LT560H)
Shows Contents List in EzSign mode. (Only LT560E)

Home
Selects a menu.
Clears all on-screen displays and returns to TV viewing from any menu.

Q. MENU
Accesses the quick menus.

INFO
Views the information of the current programme and screen.(Only LT560H)
Shows or hides the information on TV remote control buttons in EzSign mode. (Only LT560E)

Navigation buttons (up/down/left/right)
Scrolls through menus or options.

OK
Selects menus or options and confirms your input.

↩
Returns to the previous level.

EXIT
Clears on-screen displays and return to TV viewing.

SIMPLINK
Accesses the AV devices connected with the HDMI cable through HDMI-CEC. Opens the SIMPLINK menu.

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.

PORTAL
Displays and removes hotel interactive menu.(Only LT560H)
Displays the EzSign content on a TV Screen. (Only LT560E)

MUTE
Mutes all sounds.

∨P∧
Scrolls through the saved programmes.

PAGE
Moves to the previous or next screen.

Colour buttons
These access special functions in some menus.
(: Red, : Green, : Yellow, : Blue)

1 TELETEXT BUTTONS
These buttons are used for teletext.

SUBTITLE
Recalls your preferred subtitle in digital mode.

Control buttons (■, ▶, II, ◀◀, ▶▶)
Controls the MY MEDIA menus, or the SIMPLINK compatible devices (USB,SIMPLINK).
Not functional when EzSign contents is on. (Only LT560E)

ENGLISH

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 screen surface with your fingernail or a sharp object, as this may result in scratches 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.

CAUTION FOR USING EZSIGN 2.0

Only 32/37/42/47LT560E

- Do not remove a USB drive while data is being copied. It can corrupt the data and EzSign may not work properly.
- While loading a USB device or dongle, your TV may function slower than normal.
- While EzSign contents is running, the movie with internal subtitles is not supported in USB mode. EzSign TV supports only external subtitles.
  (External Subtitle format: *.smi/*.srt/*.sub(MicroDVD, Subviewer 1.0/2.0)/*.ass/*.ssa/*.txt(TMPlayer)/*.psb(PowerDivX)
- Some user-created subtitles may not work properly.
- Some special characters are not supported in subtitles.
- HTML tags are not supported in subtitles.
- Subtitles in languages other than the supported languages are not available.
- EzSign 2.0 TV function does not work before completing the initial setup Wizard. Make sure to complete the initial setup Wizard by turning on the TV after installation.
- If the time is set according to the TV signal, it may not appeared exactly for some region. In that case, set the time manually.
- It is recommended that you copy files to the TV memory before playing them, as playing directly from the USB memory for an extended period of time may cause the device to overheat.
- In EzSign 2.0 TV mode, some remote control keys may not work.
- EzSign 2.0 TV dose not support the USB HUB. It is recommended that you connect a USB device directly to the TV without using a USB extension cable as it may not work properly.
- It is recommended that you use EzSign 2.0 TV within 8 hours per day as it is standard.
- Refer to the EzSign 2.0 Editor user guide for details.
- EzSign 2.0 TV does not support Store Demo.

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SPECIFICATIONS

Product specifications may be changed without prior notice due to upgrade of product functions.
For the power supply and power consumption, refer to the label attached to the product.

MODELS		32LT560H/ 32LT560E 32LT560H-CA 32LT560E-CA	37LT560H/ 37LT560E 37LT560H-CA 37LT560E-CA
Dimensions (W x H x D)	With stand(mm)	766.0 x 536.0 x 232.0	867.0 x 593.0 x 232.0
	Without stand(mm)	766.0 x 476.0 x 68.5	867.0 x 533.0 x 68.6
Weight	With stand(kg)	9.2	11.2
	Without stand(kg)	8.0	10.0
Power requirement		AC 100-240 V~ 50 / 60 Hz	AC 100-240 V~ 50 / 60 Hz
MODELS		42LT560H/ 42LT560E 42LT560H-CA 42LT560E-CA	47LT560H/ 47LT560E 47LT560H-CA 47LT560E-CA
Dimensions (W x H x D)	With stand(mm)	992.0 x 667.0 x 273.0	1101.0 x 729.0 x 273.0
	Without stand(mm)	992.0 x 604.0 x 69.5	1101.0 x 665.0 x 69.2
Weight	With stand(kg)	15.5	17.3
	Without stand(kg)	13.5	15.3
Power requirement		AC 100-240 V~ 50 / 60 Hz	AC 100-240 V~ 50 / 60 Hz

Analogue model, Hongkong	Television System	PAL/-B/G/D/K, PAL-I, NTSC-M			
	Channel Coverage	BAND	PAL-BG/I	NTSC-M	PAL-DK
		VHF/UHF	1~69	2~78	1~62
		CATV	1~47	1~71	1~41
DTV	Television System	DTMB			
	Channel Coverage	DTMB			
		21~69			

Environment condition	Operation Temperature	0 °C to 40 °C
	Operation Humidity	Less than 80 %
	Storage Temperature	-20 °C to 60 °C
	Storage Humidity	Less than 85 %

IR CODES

- This feature is not available for all models.

Code (Hexa)	Function	Note
08	⏻ (POWER)	Remote control Button (Power On/Off)
95	ENERGY SAVING	Remote control Button
0B	INPUT	Remote control Button
F0	TV/RAD	Remote control Button
10-19	Number Key 0-9	Remote control Button
53	LIST	Remote control Button
1A	Q.VIEW	Remote control Button
02	VOL+	Remote control Button
03	VOL -	Remote control Button
1E	FAV	Remote control Button
09	MUTE	Remote control Button
00	P∧ (PR∧)	Remote control Button
01	P∨ (PR∨)	Remote control Button
AB	GUIDE	Remote control Button
45	Q.MENU	Remote control Button
28	⮌	Remote control Button
AA	INFO	Remote control Button
5B	EXIT	Remote control Button
44	OK	Remote control Button
40	∧	Remote control Button
41	∨	Remote control Button
07	<	Remote control Button
06	>	Remote control Button
72	RED	Remote control Button
71	GREEN	Remote control Button
63	YELLOW	Remote control Button
61	BLUE	Remote control Button
20	TEXT	Remote control Button
21	T.OPT(T.Option)	Remote control Button
39	SUBTITLE	Remote control Button
B1	■	Remote control Button
B0	►	Remote control Button
BA	❚❚	Remote control Button
8E	►►	Remote control Button
8F	◄◄	Remote control Button
7E	SIMPLINK	Remote control Button
30	AV MODE	Remote control Button
43	HOME	Remote control Button
0C	PORTAL	Remote control Button

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EXTERNAL CONTROL DEVICE SETUP

RS-232C Setup

Connect the RS-232C (serial port) input jack to an external control device (such as a computer or an A/V control system) to control the product's functions externally.
Connect the serial port of the control device to the RS-232C jack on the product back panel.
Note: RS-232C connection cables are not supplied with the product.

Type of connector; D-Sub 9-Pin Male

No.	Pin name
1	3.5V
2	RXD (Receive data)
3	TXD (Transmit data)
4	IR OUT from TV
5	GND
6	No Connection
7	No Connection
8	No Connection
9	No Connection (12V available in some models)

RS-232C Configurations

7-Wire Configurations (Standard RS-232C cable)

3-Wire Configurations(Not standard)

Set ID

Set ID number. "**Real Data Mapping**" on See p.35

1 Press **HOME** to access the main menus.

2 Press the Navigation buttons to scroll to **OPTION** and press **OK**.

3 Press the Navigation buttons to scroll to **SET ID** and press **OK**.

4 Scroll left or right to select a set ID number and select **CLOSE**. The adjustment range is 1-99.

5 When you are finished, press **EXIT**.

Communication Parameters

- Baud rate: 9600 bps (UART)
- Data length: 8 bits
- Parity : None
- Stop bit: 1 bit
- Communication code: ASCII code
- Use a crossed (reverse) cable.

Command reference list

(Depending on model)

	COMMAND1	COMMAND2	DATA (Hexadecimal)		COMMAND1	COMMAND2	DATA (Hexadecimal)
01. Power	k	a	00 to 01	13. Treble	k	r	00 to 64
02. Aspect Ratio	k	c	(See p.33)	14. Bass	k	s	00 to 64
03. Screen Mute	k	d	(See p.33)	15. Balance	k	t	00 to 64
04. Volume Mute	k	e	00 to 01	16. Colour Temperature	x	u	00 to 64
05. Volume Control	k	f	00 to 64	17. Energy Saving	j	q	00 to 05
06. Contrast	k	g	00 to 64	18. Auto Configuration	j	u	01
07. Brightness	k	h	00 to 64	19. Tune Command	m	a	(See p. 35)
08. Colour	k	i	00 to 64	20. Programme Add/Skip	m	b	00 to 01
09. Tint	k	j	00 to 64	21. Key	m	c	Key Code
10. Sharpness	k	k	00 to 64	22. Control Back Light	m	g	00 to 64
11. OSD Select	k	l	00 to 01	23. Input select (Main)	x	b	(See p.35)
12. Remote Control Lock Mode	k	m	00 to 01				

- Note : During USB operations such as DivX or EMF, all commands except Power(ka) and Key(mc) are not executed and treated as NG.

Transmission / Receiving Protocol

Transmission

[Command1][Command2][ ][Set ID][ ][Data][Cr]

[Command 1]	:	First command to control the TV.(j, k, m or x)
[Command 2]	:	Second command to control the TV.
[Set ID]	:	You can adjust the set ID to choose desired monitor ID number in option menu. Adjustment range is 1 to 99. When selecting Set ID '0', every connected set is controlled. Set ID is indicated as decimal (1 to 99) on menu and as Hexa decimal (0x0 to 0x63) on transmission/receiving protocol.
[DATA]	:	To transmit command data. Transmit 'FF' data to read status of command.
[Cr]	:	Carriage Return ASCII code '0x0D'
[ ]	:	ASCII code 'space (0x20)'

OK Acknowledgement

[Command2][ ][Set ID][ ][OK][Data][x]

* The set transmits ACK (acknowledgement) based on this format when receiving normal data. At this time, if the data is data read mode, it indicates present status data. If the data is data write mode, it returns the data of the PC computer.

Error Acknowledgement

[Command2][ ][Set ID][ ][NG][Data][x]

* The set transmits ACK (acknowledgement) based on this format when receiving abnormal data from non-viable functions or communication errors.

Data 00: Illegal Code

01. Power (Command: k a)

► To control Power On/Off of the set.

Transmission[k][a][ ][Set ID][ ][Data][Cr]

Data 00 : Power Off 01 : Power On

Ack [a][ ][Set ID][ ][OK/NG][Data][x]

► To show Power On/Off.

Transmission [k][a][ ][Set ID][ ][FF][Cr]

Ack [a][ ][Set ID][ ][OK/NG][Data][x]

* Similarly, if other functions transmit '0xFF' data based on this format, Acknowledgement data feed back presents status about each function.
* OK Ack., Error Ack. and other message may display on the screen when TV is power On.

02. Aspect Ratio (Command: k c) (Main Picture Size)

► To adjust the screen format. (Main picture format)
You can also adjust the screen format using the Aspect Ratio in the Q.MENU. or PICTURE menu.

Transmission [k][c][ ][Set ID][ ][Data][Cr]

Data 01 : Normal screen (4:3)
02 : Wide screen (16:9)
04 : Zoom
06 : Original
07 : 14:9
09 : Just Scan
0B : Full Wide
10 to 1F : Cinema Zoom 1 to 16

Ack [c][ ][Set ID][ ][OK/NG][Data][x]

* Using the PC input, you select either 16:9 or 4:3 screen aspect ratio.
* In DTV/HDMI (1080i 50 Hz / 60 Hz, 720p 50Hz / 60 Hz, 1080p 24 Hz / 30 Hz / 50 Hz / 60 Hz), Component(720p, 1080i, 1080p 50 Hz / 60 Hz) mode, Just Scan is available.
* Full Wide is supported only for DTV.

03. Screen Mute (Command: k d)

► To select screen mute on/off.

Transmission [k][d][ ][Set ID][ ][Data][Cr]

Data 00 : Screen mute off (Picture on)
Video mute off
01 : Screen mute on (Picture off)
10 : Video mute on

Ack [d][ ][Set ID][ ][OK/NG][Data][x]

* In case of video mute on only, TV will display On Screen Display(OSD). But, in case of Screen mute on, TV will not display OSD.

04. Volume Mute (Command: k e)

► To control volume mute on/off.
You can also adjust mute using the MUTE button on remote control.

Transmission [k][e][ ][Set ID][ ][Data][Cr]

Data 00 : Volume mute on (Volume off)
01 : Volume mute off (Volume on)

Ack [e][ ][Set ID][ ][OK/NG][Data][x]

05. Volume Control (Command: k f)

► To adjust volume.
You can also adjust volume with the volume buttons on remote control.

Transmission [k][f][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [f][ ][Set ID][ ][OK/NG][Data][x]

06. Contrast (Command: k g)

► To adjust screen contrast.
You can also adjust contrast in the PICTURE menu.

Transmission [k][g][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [g][ ][Set ID][ ][OK/NG][Data][x]

07. Brightness (Command: k h)

► To adjust screen brightness.
You can also adjust brightness in the PICTURE menu.

Transmission [k][h][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [h][ ][Set ID][ ][OK/NG][Data][x]

08. Colour (Command: k i)

► To adjust the screen colour.
You can also adjust colour in the PICTURE menu.

Transmission [k][i][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [i][ ][Set ID][ ][OK/NG][Data][x]

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09. Tint (Command: k j)

► To adjust the screen tint.
You can also adjust tint in the PICTURE menu.

Transmission [k][j][ ][Set ID][ ][Data][Cr]

Data Red : 00 to Green : 64
* Refer to 'Real data mapping'. See p.35.

Ack [j][ ][Set ID][ ][OK/NG][Data][x]

10. Sharpness (Command: k k)

► To adjust the screen sharpness.
You can also adjust sharpness in the PICTURE menu.

Transmission [k][k][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [k][ ][Set ID][ ][OK/NG][Data][x]

11. OSD Select (Command: k l)

► To select OSD (On Screen Display) on/off when controlling remotely.

Transmission [k][l][ ][Set ID][ ][Data][Cr]

Data 00 : OSD off 01 : OSD on

Ack [l][ ][Set ID][ ][OK/NG][Data][x]

12. Remote control lock mode (Command: k m)

► To lock the front panel controls on the monitor and remote control.

Transmission [k][m][ ][Set ID][ ][Data][Cr]

Data 00 : Lock off 01 : Lock on

Ack [m][ ][Set ID][ ][OK/NG][Data][x]

* If you are not using the remote control, use this mode. When main power is on/off, external control lock is released.
* In the standby mode, if key lock is on, TV will not turn on by power on key of IR & Local Key.

13. Treble (Command: k r)

► To adjust treble.
You can also adjust treble in the AUDIO menu.

Transmission [k][r][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [r][ ][Set ID][ ][OK/NG][Data][x]

14. Bass (Command: k s)

► To adjust bass.
You can also adjust bass in the AUDIO menu.

Transmission [k][s][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [s][ ][Set ID][ ][OK/NG][Data][x]

15. Balance (Command: k t)

► To adjust balance.
You can also adjust balance in the AUDIO menu.

Transmission [k][t][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [t][ ][Set ID][ ][OK/NG][Data][x]

16. Colour Temperature (Command: x u)

► To adjust colour temperature. You can also adjust Colour Temperature in the PICTURE menu.

Transmission [x][u][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64
* Refer to 'Real data mapping'. See p.35.

Ack [u][ ][Set ID][ ][OK/NG][Data][x]

17. Energy Saving (Command: j q)

► To reduce the power consumption of the TV. You can also adjust Energy Saving in PICTURE menu.

Transmission [j][q][ ][Set ID][ ][Data][Cr]

Power Saving Function					Level				Description
7	6	5	4		3	2	1	0	
0	0	0	0	Low Power	0	0	0	0	Off
0	0	0	0	Low Power	0	0	0	1	Minimum
0	0	0	0	Low Power	0	0	1	0	Medium
0	0	0	0	Low Power	0	0	1	1	Maximum
0	0	0	0	Low Power	0	1	0	1	Screen Off
0	0	0	0	Low Power	0	1	0	0	Auto

Ack [q][ ][Set ID][ ][OK/NG][Data][x]

18. Auto Configure(Command: j u)

► To adjust picture position and minimize image shaking automatically. It works only in RGB (PC) mode.

Transmission [j][u][ ][Set ID][ ][Data][Cr]

Data 01: To set

Ack [u][ ][Set ID][ ][OK/NG][Data][x]

19. Tune Command (Command: m a)

► Select channel to following physical number.

Transmission [m][a][ ][Set ID][ ][Data0][ ][Data1][ ][Data2][Cr]

Data00 : High channel data
Data01 : Low channel data
ex. No. 47 -> 00 2F (2FH)
No. 394 -> 01 8A (18AH),
DTV No. 0 -> Don't care
Data02 : 0x00 : Analogue Main
0x10 : DTV Main
0x20 : Radio

Channel data range
Analogue - Min: 00 to Max: 63 (0 to 99)
Digital - Min: 00 to Max: 3E7 (0 to 999)

Ack [a][ ][Set ID][ ][OK/NG][Data][x]

Data Min: 00 to Max: 7DH

20. Programme Add/Skip(Command: m b)

► To set skip status for the current Programme.

Transmission [m][b][ ][Set ID][ ][Data][Cr]

Data 00 : Skip 01 : Add

Ack [b][ ][Set ID][ ][OK/NG][Data][x]

21. Key(Command: m c)

► To send IR remote key code.

Transmission [m][c][ ][Set ID][ ][Data][Cr]

Data Key code - See p.29.

Ack [c][ ][Set ID][ ][OK/NG][Data][x]

22. Control Back Light(Command: m g) (Only LCD TV/LED LCD TV))

► To control the back light.

Transmission [m][g][ ][Set ID][ ][Data][Cr]

Data Min : 00 to Max : 64

Ack [g][ ][Set ID][ ][OK/NG][Data][x]

23. Input select (Command: x b)

(Main Picture Input)

► To select input source for main picture.

Transmission [x][b][ ][Set ID][ ][Data][Cr]

Data Structure

External Input				Data
0	0	0	0	DTV
0	0	0	1	Analogue
0	0	1	0	AV
0	1	0	0	Component
0	1	1	0	RGB
0	1	1	1	HDMI
1	0	0	0	
1	0	0	1	
1	0	1	0	

Input Number				Data
0	0	0	0	Input1
0	0	0	1	Input2
0	0	1	0	Input3
0	0	1	1	Input4

Ack [b][ ][Set ID][ ][OK/NG][Data][x]

*** Real data mapping**

00 : Step 0
⋮
A : Step 10 (Set ID 10)
⋮
F : Step 15 (Set ID 15)
10 : Step 16 (Set ID 16)
⋮
64 : Step 100
⋮
6E : Step 110
⋮
73 : Step 115
74 : Step 116
⋮
CF : Step 199
⋮
FE : Step 254
FF : Step 255

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. : _____