

CHIMEI

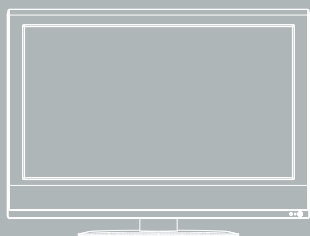
42"

TL-42S3000T

TL-42S3050T

多媒體液晶顯示器
使用手冊

USER'S MANUAL



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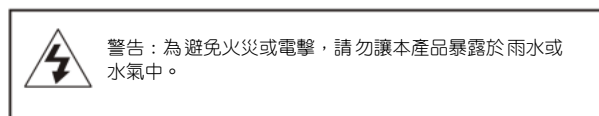
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重要安全性指示

1. 閱讀所有指示。
2. 妥善保存指示。
3. 牢記各項警示事項。
4. 遵守所有指示。
5. 請勿於水源附近使用本設備。
6. 僅可使用乾淨布料進行清潔工作。
7. 切勿阻礙任何通風開口。請依製造商指示安裝。
8. 請勿安裝於任何接近熱源之處，例如暖爐、散熱器、爐灶或其他可能產生熱能的設備(包含擴大機)。
9. 切勿擅自變更專為安全而設計的極化型或接地型插頭。極化型插頭具有一寬一窄的扁平接腳。接地型插頭則具有兩支扁平接腳及一支圓形接地接腳。較寬的扁平接腳或圓形的接地接腳均為安全設計。若插頭與您的電源插座不符，則應洽請電機專業人員為您汰換舊式規格的電源插座。
10. 電源線應避免佈線於人員行經之處，且不可拉扯插頭、電源插座及設備出線處的纜線部份。
11. 務必使用製造商所指定的配件/附件。
12. 務必使用製造商所指定或隨設備所附的台車、腳架、三角架、支架或機檯。若使用台車搬移設備時，應特別注意勿使上層物品掉落，以免造成人員受傷。
13. 雷雨期間或長期不使用本設備時，請將電源插頭拔下。
14. 所有維修事宜請洽合格的維修人員執行。設備若有任何損壞情形，即應予以維修，例如：電源線或電源插頭損壞、液體或異物落入設備內、設備曾暴露於雨中或極度潮濕環境中、運作異常或自高處摔落。
15. 本設備不可安裝於水份滴落、潑濺之處，亦不可將花瓶之類盛水器具置放於設備上方。
16. 請勿打開本設備的外殼(或後蓋)，以避免電擊。所有維修事宜請洽合格的維修人員執行。
17. 即用型家電耦合裝置可作為本設備的電力切斷裝置。
18. 本設備必須連接使用具有接地線的電源插座。
19. 為維持良好通風，本設備周圍須保留 10 公分的空間。
20. 電量耗盡或放電完畢的電池，務必依各項適用的法令與規定進行回收或棄置。相關詳盡資訊，請洽您所在國家的固體廢置物負責單位。
21. 若在國外購買與使用本產品，請使用合乎當地法令的合用電源線。
22. 為了避免傷害，本設備須依據安裝指示緊接於地面或牆上。
23. 請勿將本設備安裝在侷限空間內，如書櫥或類似裝置。
24. 請勿將任何無加蓋的火源(如已點燃的蠟燭)放在本裝置上。



本標誌表示產品內部有未絕緣的「危險電壓」存在，有觸電危險。



內部含有驚嘆號的等邊三角形，主要在提醒使用者：此處具有重要的操作及保養(維修)指示，請參閱隨機所附的說明文件。

「注意」

此處各項維修指示僅供合格維修人員使用。為避免電擊危險，非經合格認證者，不得執行操作手冊範圍以外的維修工作。

注意事項



【注意】
為避免裝置遭受電擊，請確實將插頭完全插入插座內。



【注意】
若您使用本多媒體液晶顯示器來玩遊樂器、電腦或類似產品，請將亮度與對比功能保持在較低設定。如果螢幕長時間顯示高亮度或高對比的固定(不移動的)影像，則影像可能會永久留存在螢幕上。

【有關清潔多媒體液晶顯示器的注意事項】

1. 請以柔軟的乾布來清潔多媒體液晶顯示器。
2. 請勿使用稀釋劑或甲苯等強烈的溶劑。否則可能會損傷多媒體液晶顯示器之外殼。
3. 清潔多媒體液晶顯示器前，請先確認電源是否已關閉及插頭是否已拔出。
4. 本設備僅適用於一般影音娛樂用途。
5. 不建議使用於影像專業工作上。
6. 液晶面板結構精密，請勿以外力施壓以免破裂損壞。
7. 為了避免傷害液晶面板，請勿將任何液體沾附於液晶面板上，例如：水、化學藥品、清潔液或濕布等。
(因本機型設有保護裝置，於電源開啟後需等待約十秒鐘，畫面方能顯現)

【有線電視】

本液晶顯示器接收器如果非用於私人觀賞UHF、VHF或有線電視系統為一般大眾傳送的節目廣播，則可能需要廣播業者/有線電視業者/節目所有人的授權。

【有關安裝及使用多媒體液晶顯示器的注意事項】

1. 多媒體液晶顯示器所使用之電源規格，會詳列於標有序號/機型的標籤上。請盡可能使用標示上之電源規格類型。如果您不確定您家裡使用的電源類型，請聯絡經銷商或您當地的電力公司。
2. 請確保插頭完全插入插座內。如果您無法將插頭插入插座內，請聯絡經銷商。



為安全起見，多媒體液晶顯示器之插頭設計只能以特定的方向插入電源插座。如果您無法將插頭插入電源插座內，請聯絡經銷商。

1. 請避免電源插座或延長線負載過量。否則可能會引起火災或導致人員有觸電之危險。
2. 請勿將任何物品壓到或纏繞到多媒體液晶顯示器之電源線。且避免將多媒體液晶顯示器置於容易磨損電源線之處。僅可使用正確的電源線。
3. 多媒體液晶顯示器不使用時請將電源關掉。若將長期不使用本多媒體液晶顯示器，請將插頭拔掉以避免火災。
4. 多媒體液晶顯示器背後的通風口係為通風與散熱所設計。請保持通風口暢通。
5. 請勿將多媒體液晶顯示器放在床上、沙發或地毯上，以免通風口被阻塞。
6. 請勿將多媒體液晶顯示器置於密閉空間中，如書架或是液晶顯示器櫃子。
7. 請避免讓多媒體液晶顯示器靠近高溫物體或任何會發熱之裝置。
8. 請避免使本多媒體液晶顯示器受到日光直射。
9. 請勿將本多媒體液晶顯示器置於不穩定的架子或桌面上。若置於不穩定的架子或桌面，可能會造成傷害。
10. 請勿讓異物刺穿多媒體液晶顯示器外殼，以避免觸碰液晶顯示器內部之高壓電裝置或導致內部零件受損。
11. 當搬移本多媒體液晶顯示器時請勿過量施力於喇叭處。請務必由兩人及雙手同時搬運，以免掉落。

注意事項

【維護】

若發生下列任何一種情況時，請先將本多媒體液晶顯示器的插頭拔掉，然後聯絡當地經銷商或請合格人員來維修本多媒體液晶顯示器：

1. 電源線或插頭損壞或破損時。
2. 有液體濺入本多媒體液晶顯示器內。
3. 本多媒體液晶顯示器受潮或淋到雨。
4. 本多媒體液晶顯示器外殼有損壞。
5. 本多媒體液晶顯示器功能異常。



請勿嘗試自行修理本多媒體液晶顯示器。本多媒體液晶顯示器機櫃內有高壓零件，可能導致觸電的危險。

更換零件

若本多媒體液晶顯示器需要更新零件，請洽合格技師索取所需零件的書面證明。

安全性檢查

本多媒體液晶顯示器經修理後，請記得要求技師進行定期安全性檢查(依廠商規定)，以確保本多媒體液晶顯示器的安全性。

如果本多媒體液晶顯示器已經超過使用壽命，請聯絡合格維修技師處理。

【使用記錄】

您可以在本多媒體液晶顯示器背面看到此產品之序號和機型標籤。當聯絡經銷商或合格維修人員時，請提供該序號。



請詳閱並遵守手冊內的所有警告與指示。未詳閱並遵守者，其保固將失效。若未經許可改造本多媒體液晶顯示器，則保固將立刻失效。

FCC 安全規範符合聲明

本裝置符合 FCC 規則的第 15 部份。其操作必須符合下列兩項條件：

(1)本裝置可能不會造成有害的干擾，以及(2)本裝置必須接受任何接收到的干擾，包括造成操作不良的干擾。

註：依FCC規則第15章，本設備經過測試，證明符合B級數位裝置的限制標準。這些限制標準用於確認電氣設備不會對住屋內安裝的設備產生有害的干擾。本設備會產生、使用和發射無線電頻率能源，而且如果沒有依照指示安裝和使用，則會對無線電通訊產生有害的干擾。但是不保證不會在特定的安裝中產生干擾。如果該設備對收音機或電視機的接收產生不良干擾(可由設備開關來判定)，則用戶可以試用以下的方法來消除干擾：

- * 重新安排或放置接收天線
- * 增加電視和接收器之間的距離
- * 將設備連接到與接收器連接的插座不同電路的插座中

注意：為了符合 FCC 的 B 級計算裝置限制標準，請使用本裝置所附的訊號線和電源線。聯邦通訊委員會警告，未經負責製造商明確允許，而對本產品進行的任何變更或修改，將可能導致使用者無權操作本設備。

歐體通知

有 CE 標記的產品符合歐體委員會出版的 EMC 規範(89/336/EEC)、(93/68/EEC)和低電壓規範(73/23/EEC)。

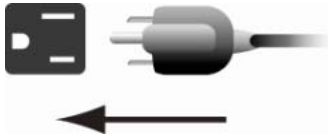


廢電池請回收

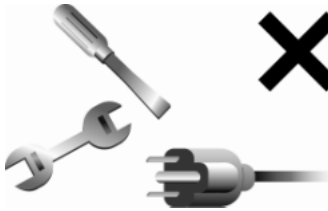
注意事項



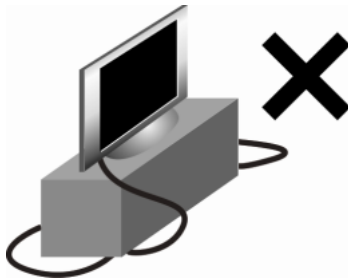
- 務必使用製造商所指定的配件/附件。



- 極化型插頭具有一寬一窄的扁平接腳。接地型插頭具有兩支扁平接腳及一支圓形接地接腳。較寬的扁平接腳或圓型接地接腳均為安全設計，若插頭與您的電源插座不符，則應洽請電機專業人員為您汰換舊式規格的電源插座。



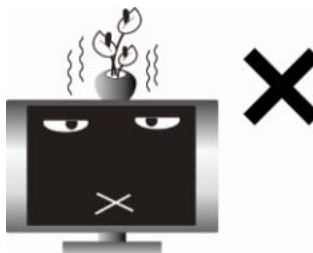
- 切勿擅自變更專為安全而設計的極化型或接地型插頭。



- 請避免任何物品壓到或纏繞到多媒體液晶顯示器之電源線，且避免將多媒體液晶顯示器置於容易磨損或誤用電源線之處。



- 請避免電源插座或延長線負載過量，否則可能會引起火災或導致人員有觸電之危險。



- 不可將花瓶之類盛水器具置放於設備上方，不可安裝於水份滴落、潑濺之處。

注意事項



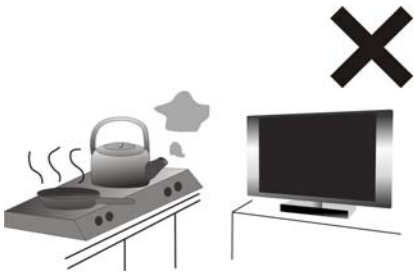
- 由於液晶面板內液晶特性，長時間使用 4:3 畫面觀賞，或長時間處於同一畫面靜止時，將會導致面板產生影像殘留 (Image Sticking) 問題，故建議您不要長時間使用 4:3 畫面觀賞，或是長時間畫面靜止，如果因此產生影像殘留或畫面異常將無法維修也不在保固範圍。



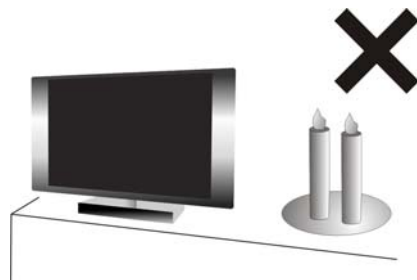
- 多媒體液晶顯示器後方及上方之通風口設計是用來提供必要的通風及散熱，為維持良好通風，本設備周圍須保留 10 公分的空間，請勿將本設備置於密閉空間中，如書架或是液晶顯示器櫃。



- 禁止將多媒體液晶顯示器安裝於浴室或淋浴室，否則會引起火災或導致人員有觸電之危險。

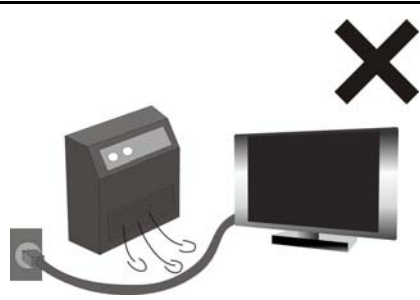


- 請勿安裝於任何接近熱源之處，或是油煙 / 水氣多的地方，例如暖爐、散熱器、爐灶或其他可能產生熱能的設備，否則可能會引起火災或導致人員有觸電之危險。

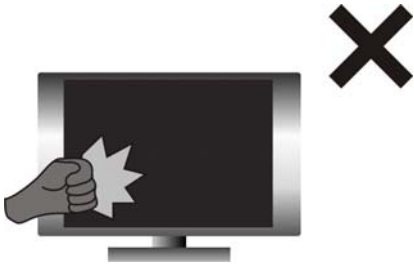


- 請勿將任何無加蓋的火源 (例如已點燃的蠟燭) 放在本多媒體液晶顯示器旁。

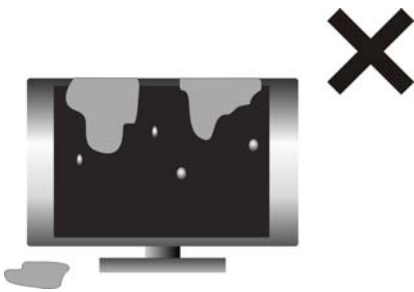
注意事項



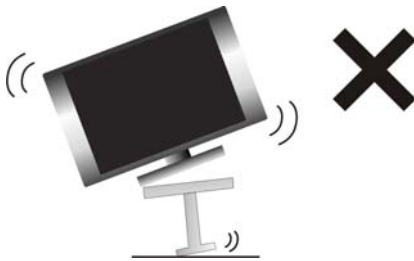
- 請勿將電源線靠近會產生熱能的設備，電源線外皮若熔化或損壞，可能會引起火災或觸電的危險。



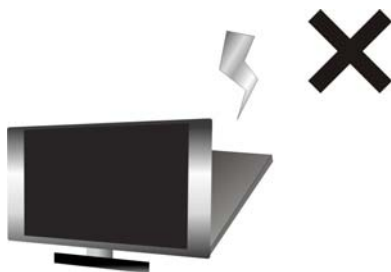
- 液晶面板結構精密，請勿以外力施壓以免破裂損壞或導致人員受傷的危險。



- 為了避免傷害液晶面板，請勿將任何液體沾附於液晶面板上，例如：水、化學藥品、清潔液或濕布等。

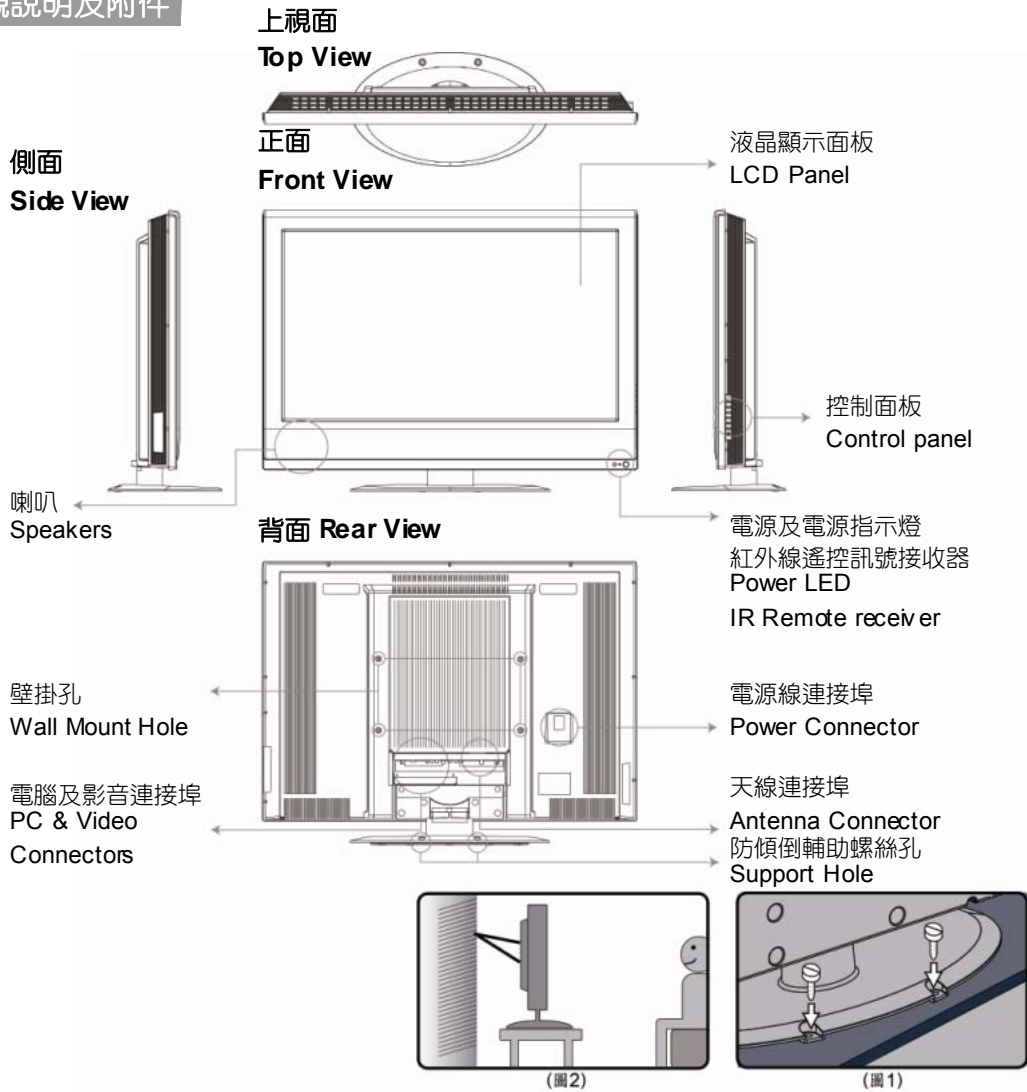


- 請勿將多媒體液晶顯示器置於不穩定的架子或桌面上，以避免液晶顯示器掉落，而導致人員受傷或多媒體液晶顯示器損壞。



- 請勿打開本設備的外殼(或後蓋)，以避免電擊。請勿讓異物刺穿多媒體液晶顯示器外殼，以避免觸碰液晶顯示器內部之高壓電裝置或導致內部零件受損/短路，引起火災或導致人員受傷。所有維修事宜請洽合格的維修人員執行。若未經許可改造本多媒體液晶顯示器，保固將立刻失效。

外觀說明及附件



配件



1. 遙控器

2. 遙控器電池 X 2

3. 說明書

4. 電源線 (For TW SP-301+IS-14 VCTF 1.25/3C)

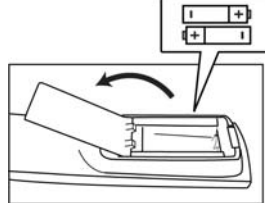
防傾倒輔助螺絲孔：

註：操作前，應在穩固桌面上安裝螺絲(圖1)。如果您擺放液晶電視的桌面無法鎖螺絲定位時，請您額外使用二顆螺絲栓於電視的背蓋壁掛孔栓上螺絲並拉線固定在牆壁上(圖2)，以策安全。

螺絲建議尺寸:T4X12

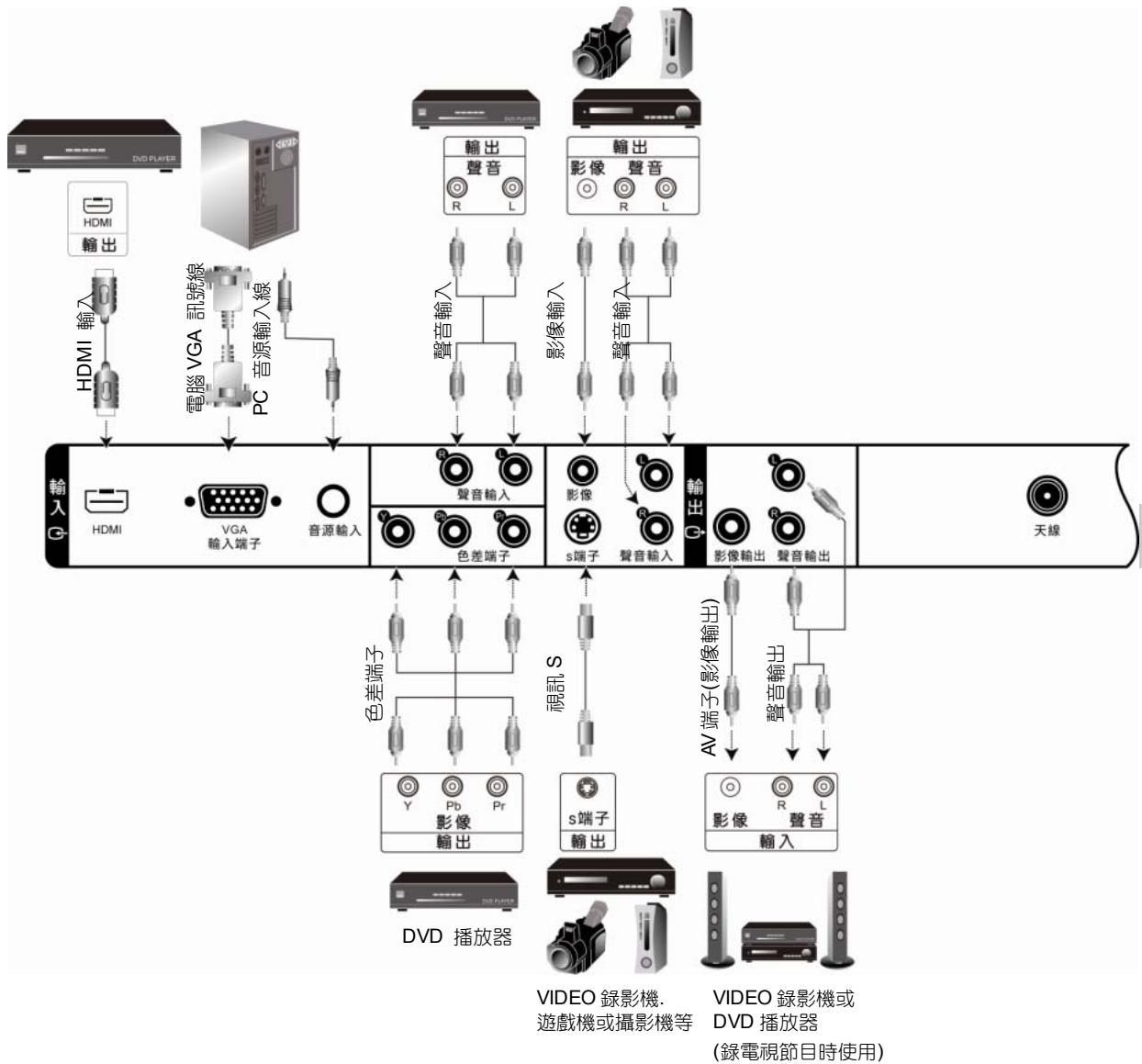
安裝電池

1. 將兩顆四號電池裝進遙控器中。注意正、負極的方向是否正確。
2. 蓋上電池蓋。



如果長時間沒有使用遙控器，請將電池取出，以免液體外漏而造成損壞。使用遙控器時請小心。請勿將遙控器掉落至地面。避免潮濕、日光直射以及高溫。

影音及天線連接埠



連接埠	功能
YPbPr 色差端子	連接這個連接埠時，可以使用色差端子(YPbPr)視訊訊號，例如循序掃描 DVD (Progressive 支援)播放器及高階 HDTV 解碼器或衛星接收器，而得到最高解析度的畫面及搭配其聲音訊號 R/L 接頭。
R/L 聲音輸入	

連接埠	功能
影像輸入	連接至複合影像訊號(黃色)或 S 端子與聲音 R(右)/L(左)線性輸入。
S 端子影像輸入	
R/L 聲音輸入	
影像輸出	連接至複合影像訊號(黃色): 聲音 R(右)/L(左)線性輸出(Line out)。 (只有當主畫面是:電視 / 視訊 / 視訊 S 時才会有訊號輸出)。
R/L 聲音輸出	
HDMI 輸入(數位)	高解析度多媒體介面 連接到有數位訊號的裝置，可支援 PC 或是 HDTV 影像訊號。
VGA 輸入(類比) 與音源輸入	連接至 VGA 類比訊號源。電腦聲音支援 3.5mm 插孔。

天線連接埠



連接埠	功能
類比訊號輸入	連接類比電視天線。

多媒體液晶顯示器安裝方式及操作方法 各項接頭及插槽的位置

開啟多媒體液晶顯示器

將電源線插入多媒體液晶顯示器背面的輸入接頭，另一端電源線插入電源插座即可。

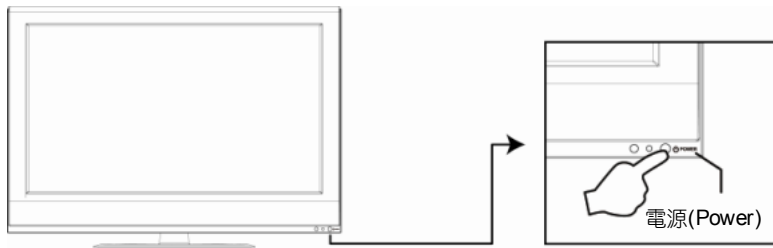


AC 100~240V

電源線插頭會依國家不同而有所不同。

開啟多媒體液晶顯示器

按下在顯示器右下方的電源按鈕(Power)就可以開啟及關閉多媒體液晶顯示器。



-電源開啟，LED 指示燈會變成綠色
-電源關閉，多媒體液晶顯示器會進入待機狀態，且 LED 指示燈會變成紅色。

頻道掃描

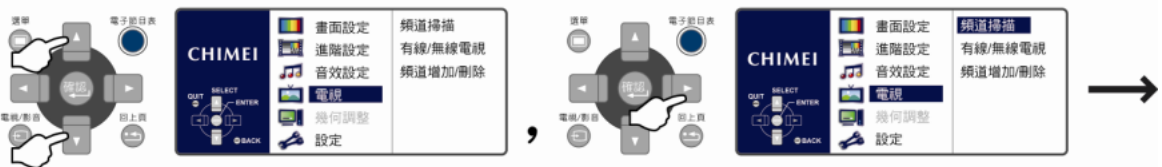
在第一次裝機時必須執行自動頻道掃描。(本產品需另購電視視訊盒才可使用電視功能)

1. 按“選單”按鈕打開OSD畫面。
2. 按 鍵選擇“電視頻道設定”，再按 鍵移至“頻道掃描”選項。
3. 按確認鍵即開始自動執行頻道掃描。(執行自動頻道掃描時，會花費數分鐘去執行掃描有效的頻道)
4. 結束自動頻道掃描後即可觀看電視。可按遙控器上的選台(CH) 按鍵來選擇頻道。

步驟 1



步驟 2



步驟 3



數分鐘後

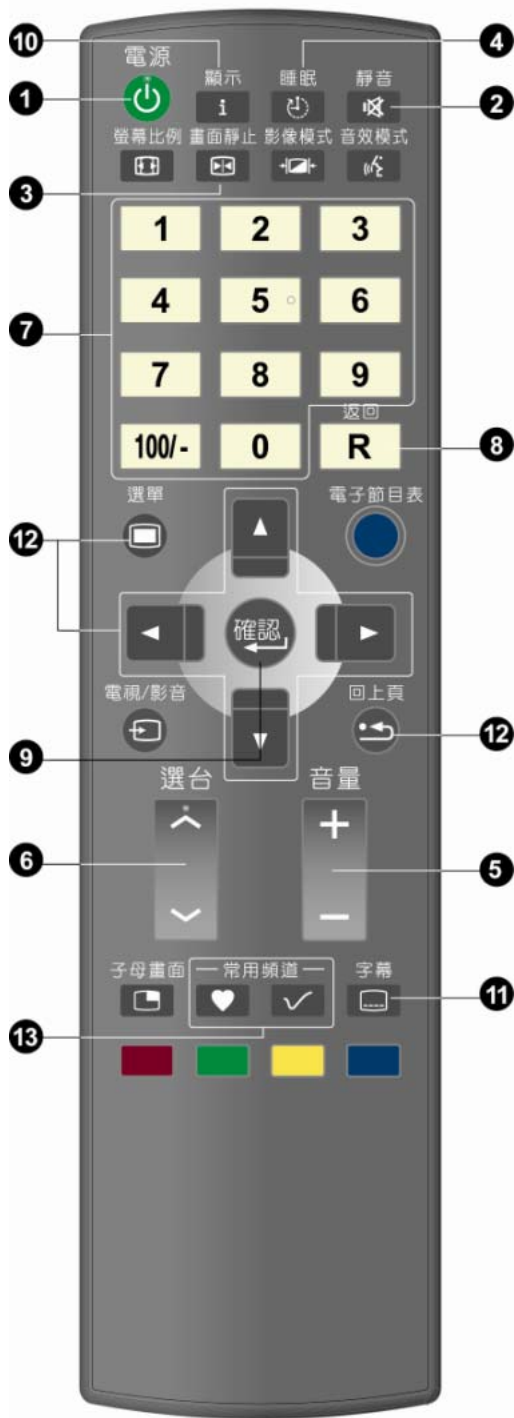


步驟 4





按鍵	功能
選單 (MENU)	調整選單 在顯示器右側的選單(MENU)按鍵用來顯示選單以便修改多媒體液晶顯示器的設定值。若要顯示多媒體液晶顯示器的螢幕控制視窗，請按下選單(MENU)按鍵。按下調整▲▼◀▶可調整快速選單項目的內容。
選台 CH ^/v (FUNCTION ▲/▼)	選擇頻道(限電視模式下使用) 使用在顯示器右側的選台(CHANNEL) ^/v 按鍵來選擇頻道。 (限電視模式下使用，本產品需另購電視視訊盒才可使用電視功能) ※在操作選單(MENU)模式下，其功能相當於選擇功能之上下鍵。
音量 VOL + / - (ADJUST ◀ / ▶)	調整音量 在顯示器右側的音量(VOLUME) + / - 按鍵可調整多媒體液晶顯示器的音量。 ※在操作選單(MENU)模式下，其功能相當於調整功能之左右鍵
輸入源 (SOURCE)	選擇訊號來源 按下在顯示器右側的輸入源按鍵，可以依序選取 電視 / 視訊 / 視訊 S / 色差 / HDMI / 電腦 等模式。 ※在操作選單(MENU)模式下，此鍵做為確認(ENTER)鍵使用。
耳機聲音輸出 (Earphone Output)	這個連接埠可以連接耳機(16Ω或 32Ω)聲音輸出訊號。



1. **電源 <POWER>**
開啟多媒體液晶顯示器，或者進入待機狀態。
2. **靜音 <MUTE>**
可保持靜音。再次按下或者按音量+/-按鍵，便可恢復原來的音量。
3. **畫面靜止 <FREEZE>**
主畫面可靜止，再次按下按鍵則可恢復。
4. **睡眠 <SLEEP>**
重複按下這個按鍵，就可以設定睡眠自動關機時間為關/30/60/90/120分鐘(MIN)。
5. **音量+/- <Volume +/->**
調整音量大小。
6. **選台 ^> <Channel ^>>**
選擇頻道。
7. **0~9, 100/- 數字鍵**
按下0~9, 100/- 便可選取從02到125的頻道。按下的頻道若超出125，則視窗將停留在設定時的頻道不做任何切換。
8. **返回 <RETURN>**
回到前一個頻道。
9. **確認 <ENTER>**
選擇1~9頻道時，可直接按1~9數字鍵待數秒後自動切換；或按1~9數字鍵後按確認(ENTER)直接切換。
10. **顯示 <Display>**
可以顯示目前模式資訊。包含訊號來源/頻道/螢幕比例/音效模式。
11. **字幕 <C.C.: Close Caption>**
可啟動字幕的功能。(此項功能僅適用於北美NTSC的系統)
12. **選單 <MENU> 及調整功能鍵▲▼◀▶和回上頁**
可啟動多媒體液晶顯示器的選單。再按一次就可以退出選單。並且使用▲▼◀▶來選擇選單項目及調整設定值。按“回上頁”鍵即可回覆至上一頁。
13. **常用頻道**
選擇常用頻道 。
快速加入常用頻道 。
 1. 切換至您將設定的頻道。
 2. 按下 鍵開啟常用頻道編輯畫面。
 3. 按 鍵1~9選擇您要設定的位置。(共有9組可設定)，按 鍵“增加”，即可儲存為常用頻道；反之，按 鍵即“刪除”。
 4. 該位置即會顯示您已設定的頻道號碼。未設定的位置會顯示“0”



14. 螢幕比例 <ASPECT>

視窗比例選擇模式，依序模式有：
16:9 / 放大1(Zoom 1) / 放大2(Zoom2) / 遊戲(game) / 4:3。



15. 影像模式 <PICTURE>

可選擇影像進階設定，模式有鮮明/影片/運動/遊戲/使用者設定。

16. 音效模式 <MTS>

可選擇音效模式，模式有STEREO(立體聲) / MONO(單音) / SAP(副語)。
如果接收的訊號沒有第二種語言可選，LCD顯示器將會以MONO(單音)聲音輸出。

17. 電視/影音 <TV/VIDEO>

可選擇主畫面訊號來源。

1. 您可以藉由遙控器上的“電視/影音”鍵(TV/VIDEO) 切換主畫面的訊號來源。
主畫面切換依序為電視 / 視訊 / 視訊S / 色差 / HDMI / 電腦。

2. 所選擇的訊號源會顯示在螢幕的右上方。

3. 每種顯示模式下的選單(OSD MENU)皆可設置選定於該模式下所特有的選項。

18. 電子節目表 <PG>

(此項功能只限有數位電視接收之機種)

19. 此鍵,此機種無功能。

NTSC

螢幕顯示選單 如何使用進階螢幕顯示選單

1. 使用者可直接使用遙控器上的“**電視/影音**”鍵(TV/VIDEO)來選擇訊號來源。偵測到訊號來源後，在螢幕的右上方會顯示所選擇的系統模式。
2. 選擇系統模式後，使用者可以按下選單鍵(MENU)執行以下的功能：



畫面設定(PICTURE)

根據您所觀賞的節目類型，提供更多的畫面模式及功能，讓您調整有關畫面色彩與亮度的設定值。



進階設定(ADVANCE)

根據您所觀賞的節目類型，進一步提供調整有關強化畫面色彩與亮度的設定值。



音效設定(AUDIO)

提供更多的音效選擇。您也可以設定自己多媒體液晶顯示器的音效環境。



電視(TV) (在 TV 模式下使用)

設定自己喜歡的頻道。



- 幾何調整(GEOMETRY):在 PC 模式下使用。
 - 相位調整:PC 與 YPbPr 色差端子均可使用。
-





設定(SETUP)

設定螢幕顯示語言、選單背景顏色。

螢幕顯示選單 如何使用進階螢幕顯示選單

畫面設定 <PICTURE>

1. 按下遙控器上的選單  按鈕，便可顯示主選單。
2. 利用▲▼鍵選擇所要調整的主項目”畫面設定(PICTURE)”。
利用▶鍵移至您所要調整的次項目。
3. 利用遙控器上的▲▼鍵，選擇您想要調整之項目。
按確認鍵進入調整之項目。
4. 使用遙控器上的◀▶鍵，調整該項目之設定值。
5. 再按一下選單按鍵 ，便可離開此畫面。





NTSC

選單	說明
對比 (Contrast)	按◀▶鍵讓畫面的對比提高或降低。
亮度 (Brightness)	按◀▶鍵讓畫面變亮或變暗。
飽和度 (Saturation)	按◀▶鍵調整畫面色彩飽和度。
色調 (Hue)	按◀▶鍵可調整紅色及綠色的顏色。
清晰度 (Sharpness)	按◀▶鍵讓畫面變得較清晰或較柔和。
背光 (BackLight)	按◀▶鍵調整畫面背光亮亮度(越低背光值越省電，增加壽命)。
預設值 (Reset)	按◀▶鍵可以回復此選單內所有設定值回至出廠預設值。

螢幕顯示選單 如何使用進階螢幕顯示選單



進階設定 <ADVANCE>

1. 按下遙控器上的選單按鈕 ，便可顯示主選單。
2. 利用▲▼鍵選擇所要調整的主項目“進階設定(ADVANCE)”。
利用▶鍵移至您所要調整的次項目選單。
3. 利用▲▼鍵，選擇您想要調整之項目。
按確認鍵進入調整之項目。
4. 使用遙控器上的◀▶鍵，調整該項目之設定值。
5. 再按一下選單按鍵 ，便可離開此畫面。



選單	說明
色溫 (Color Temperature)	按◀▶鍵可調整面之色溫:冷色系 / 正常 / 暖色系。
對比強化 (Super Contrast)	按◀▶鍵可調整畫面之對比:關 / 弱 / 中 / 強。 ※在 PC 模式(DVI, VGA)下不支援此功能。 ※開啟此功能時,如有高速移動之畫面,則可能會造成暫時性亮度的些許調變,此為正常現象。
顏色強化 (Super Color)	按◀▶鍵調整顏色的強度:關/自然/鮮明/影片。
Gamma	按◀▶鍵調整畫面灰階曲線:HDTV/正常/遊戲。
動態對比 (Dynamic Contrast)	按◀▶鍵選擇開啟或關閉。增強畫面的動態對比。 ※ 開啟此功能時,如有高速移動之畫面,則可能會造成暫時性亮度的些許調變,此為正常現象。 ※ 動態對比:此模式可節能約平均 25%,並增加燈管壽命。

音效設定 <AUDIO>

1. 按下遙控器上的選單按鈕 ，便可顯示主選單。
2. 利用▲▼鍵選擇所要調整的主項目”音效設定(AUDIO)”。
利用▶鍵確定您所要調整的主項目。
3. 按下遙控器上的▲▼鍵，選擇您想要調整之項目。
按確認鍵進入您所要調整之項目。
4. 使用遙控器上的◀▶鍵，調整該項目之設定值。
5. 再按一下選單按鈕 ，便可離開此畫面。





NTSC

選單	說明
平衡 (Balance)	按◀▶鍵來調整左、右兩個聲道的平衡。
低音 (Bass)	按◀▶鍵以便提高或降低低音的音量。
高音 (Treble)	按◀▶鍵以便提高或降低高音的音量。
環繞音效 (Surround Mode)	按◀▶鍵可控制環繞音效的開 / 關。 (當 Surround 開啟時,低音/高音的功能將被取消)
預設值 (Reset)	按◀▶鍵可以回復此選項內所有設定值回至出廠預設值。

螢幕顯示選單 如何使用進階螢幕顯示選單

電視 <TV> (在TV模式下)

1. 按下遙控器上的選單按鈕 ，便可顯示主選單。
2. 利用▲▼鍵選擇所要調整的主項目”電視(TV)”。
利用▶ 鍵確定您所要調整的主項目。
3. 按下遙控器上的▲▼鍵，選擇您想要調整之項目。
按確認鍵進入您所要調整之項目。
4. 使用遙控器上的◀▶ 鍵，調整該項目之設定值。
5. 再按一下選單按鍵 ，便可離開此畫面。





選單	說明
頻道掃描 (Channel Scan)	在頻道掃描選項，按確認鍵，即可執行自動頻道掃描。 在第一次裝機時必須執行自動頻道掃描。
有線/無線電視 (CATV/AIR)	CATV (有線電視) / AIR (無線電視) 按下遙控器上的◀▶ 鍵，以便選擇電視訊號(無線/有線電視)。 AIR (無線電視)：如果您是使用天線，請設定這個項目。 CATV (有線電視)：如果您是透過有線電視系統接收節目，請設定這個項目。
頻道增加/刪除 (Channel Add/Del)	按◀▶ 鍵可以選擇頻道增加或刪除。

(限電視模式下使用，本產品需另購電視視訊盒才可使用電視功能)

螢幕顯示選單 如何使用進階螢幕顯示選單

幾何調整 < GEOMETRY > (VGA模式)

1. 按下遙控器上的選單按鈕 ，便可顯示主選單。
2. 利用▲▼鍵選擇所要調整的主項目”幾何調整(GEOMETRY)”。
利用▶鍵確定您所要調整的主項目。
3. 按下遙控器上的▲▼鍵，選擇您想要調整之項目。
按確認鍵進入您所要調整之項目。
4. 使用遙控器上的◀▶鍵，調整該項目之設定值。
5. 再按一下選單按鍵 ，便可離開此畫面。





選單	說明
自動 (Auto)	按◀▶鍵可自動調整畫面的焦點、清晰度及水平、垂直位置。
水平位置 (H-Position)	按◀▶鍵可調整畫面左右位置。當自動調整後左右位置仍偏移時，可利用此功能來調整。
垂直位置 (V-Position)	按▲▼鍵可調整畫面上下位置。當自動調整後上下位置仍偏移時，可利用此功能來調整。
相位 (Phase)	按◀▶鍵可手動調整畫面的焦點。當自動調整後焦點仍不佳時，可利用此功能來調整。
頻率 (Clock)	按◀▶鍵可手動調整畫面的清晰度。當自動調整後焦點和清晰度仍不佳時，可利用此功能來調整。
預設值 (Reset)	按◀▶鍵可以回復此選項內所有設定值回至出廠預設值。

※1 因電腦顯示卡各廠牌特性略有不同，故有時做自動調整後畫面清晰度仍不正常，此時可以利用手動調整功能來進行調整。

※2 搭配不同的線材及視聽設備，在色差高頻訊號畫面下，若有不清晰時，可以用手動來調整相位。

螢幕顯示選單 如何使用進階螢幕顯示選單

設定<SETUP>

1. 按下遙控器上的選單按鈕 ，便可顯示主選單。
2. 利用▲▼鍵選擇所要調整的主項目”設定(SETUP)”。
利用▶鍵確定您所要調整的主項目。
3. 按下遙控器上的▲▼鍵，選擇您想要調整之項目。
按確認鍵進入您所要調整之項目。
4. 使用遙控器上的◀▶鍵，調整該項目之設定值。
5. 再按一下選單按鍵 ，便可離開此畫面。



選單	說明
語言 (Language)	按◀▶鍵選擇使用的語言。
選單背景 (OSD Background)	按◀▶可調整選單(OSD)的背景為不透明或透明。
雜訊消除 (Noise Reduction)	按◀▶鍵可調整雜訊消除之強弱。
遮視範圍 (Overscan)	按◀▶鍵可調整遮視範圍之：關 / 弱 / 一般 / 大。 在 HDMI / YpbPr 1080P60Hz 和 VGA1920x1080@60Hz 由遮視範圍來決定是否點對點模式，當遮視範圍關閉時為點對點模式，遙控器上的畫面靜止及螢幕比例功能被禁止。 (在觀賞電視時,若畫面有黑邊,可經由調整遮視範圍功能來調整。)
預設值 (Reset)	按◀▶鍵可以回復此選項內所有設定值回至出廠預設值。

其他資料 常見問題排除方式

以下的表格中包含一些可能出現的異常情況以及相關的解決的方式，在聯絡維修人員之前，請參考這份清單的內容。

問題	原因	解決方式
沒有畫面	<ol style="list-style-type: none"> 1. 您是否已經連接電源線？ 2. 您是否已經打開電源？ 3. 訊號線是否已正確連接？ 4. 螢幕是否是在省電模式下？ 	<ol style="list-style-type: none"> 1. 將電源線正確連接好。 2. 開啟電源。 3. 將訊號線正確連接好。 4. 接下電腦上的任何一個按鍵。
色彩異常	<ol style="list-style-type: none"> 1. 訊號線是否已正確連接？ 	<ol style="list-style-type: none"> 1. 將訊號線正確連接好。
畫面變形	<ol style="list-style-type: none"> 1. 訊號線是否已正確連接？ 2. 輸入訊號是否超過規定的頻率範圍？ 	<ol style="list-style-type: none"> 1. 將訊號線正確連接好。 2. 請使用頻率在規定範圍內的訊號。
畫面太暗	<ol style="list-style-type: none"> 1. 亮度和對比是否在最低的設定值？ 	<ol style="list-style-type: none"> 1. 調整亮度和對比。
只有聲音，沒有影像	<ol style="list-style-type: none"> 1. 輸入訊號的連接方式是否正確？ 2. TV 訊號是否太弱？ 	<ol style="list-style-type: none"> 1. 請檢查輸入訊號是否正確。 2. 請檢查訊號的連接是否正確。 3. TV-RF 訊號不可低於 50dB。
只有畫面，沒有聲音	<ol style="list-style-type: none"> 1. 訊號線是否已正確連接？ 2. 音量是否被調整到最小值？ 3. 是否沒有連接音效訊號線？ 4. TV 訊號是否太弱？ 	<ol style="list-style-type: none"> 1. 將訊號線正確連接好。 2. 將音量調整到適當的大小。 3. 將音效訊號線正確連接好。 4. TV-RF 訊號不可低於 50dB。
無法使用遙控器	<ol style="list-style-type: none"> 1. 請檢查電池是否仍有電？ 2. 是否有靜電或閃電的干擾？ 	<ol style="list-style-type: none"> 1. 請更換電池。 2. 關閉電源 10 秒鐘，然後重新開啟電源。

以下表格中包含一些可能出現的異常情況，以及相關的解決方式。

問題	可能解決的方式
無法從天線接收足夠的頻道	檢查訊號線連接處，確實地插入輸入端。 請使用多方向的室外天線。(如果您的電視會受到附近的高山或建築物的影響) 請使用自動掃描方式的功能，來新增尚未被納入記憶中的頻道。
沒有彩色	調整選單中的彩色設定。
畫面會閃爍且有雜訊	檢查天線/訊號線的連接。 檢查頻道是在播放的狀態。 按下訊號源並改變輸入模式。
線段或線條不連續	調整天線 讓電視遠離干擾源：例如汽車、霓虹燈以及吹風機。
轉到某些頻道時電視會鎖住(希望新增某些頻道)	請使用自動掃描方式的功能，來新增尚未被納入記憶中的頻道。
影像會重疊或有陰影	請使用多方向的室外天線。 (如果您的電視會受到附近的高山或建築物的影響)
無法使用功能	如果您希望選取的項目變成灰色，表示該項目不能選取。

如果閱讀以上的說明之後，您對於多媒體液晶顯示器還有其他的疑問，請聯絡您當地經銷的“客戶服務中心”。

顯示面板 (Display panel)	螢幕尺寸 Active Area / Screen Size	930.24 (H) x 523.26 (V) (42.02" diagonal)
	長寬比 Aspect Ratio	Widescreen 16:9
	畫素數目 Max. of Pixels	1920(H) X 1080(V)
	背光燈管壽命 Lamp Life of Backlight	50,000 hrs (min.)
	液晶顯示模式 Mode	SMVA
	亮度 Brightness	500 nits (Typ)
	對比 Contrast Ratio	4000:1 (Typ)
	反應速度 Response Time	6.5ms (gray to gray average) (Typ)
AV 影音輸入/輸出 (AV I/O Input)	AV 影音輸入 X1	S-Video (4 pin Dim)+Audio-R/L (RCA) X1 AV Composite (RCA)
	AV 影音輸出 X1	AV Composite (RCA) + Audio-L/R (RCA) X1
	色差訊號(Component) 輸入 X1	YPbPr (RCA) + Audio-R/L (RCA) X1
	HDMI 輸入 X1	HDMI X1
電腦輸入 PC I/O Input	VGA 輸入 X1	RGB (D-sub 15pin)+ PC Audio (3.5mm jack) X1
相容性 (Compatibility)	影音系統 Audio system	立體聲/單聲道/副聲道
	個人電腦 PC	●720x400@70Hz ●640x480@60Hz ●800x600@60Hz ●1024x768@60Hz ●1920x1080@60Hz
	HDMI	●1280x720p@60Hz; ●1920x1080i@60Hz ●1920x1080p@24Hz/60Hz ●720x480i / 480p@60Hz
	HDMI↔ DVI	●800x600@60Hz ; 640x480@60Hz ●1024x768@60Hz ●1920x1080@60Hz
	掃描格式 Scanning format	●480i / 480p@60Hz ●720p@60Hz ●1080i@60Hz ●1080p@24 / 60 Hz
電器規格 (Power)	電源電壓 Input Voltage	AC100-240V, 3.5A(max.), 50/60Hz
	操作功率 Operation	<300W
	待機功率 Standby	<1 W at AC 110V(typical)
環境測試 (Environment)	操作溫度 Operating	5 – 35°C (41~95°F) / 10%~90% (不可凝結)
	儲藏溫度 Storage temperature	-20 - 60°C (-4~140°F) / 10%~90% (不可凝結)
其他(Other)	內建喇叭 Built-in speaker	8Ω, 10W, x2 (max.)

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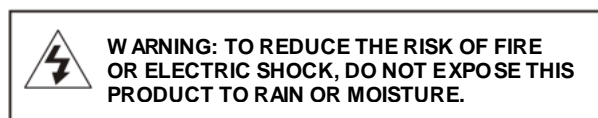
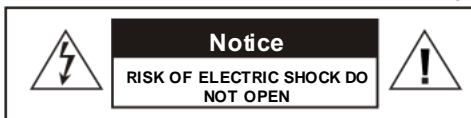
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Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any vent. Install as per the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. Polarized type plug has two flat pins, one wide and the other narrow. Grounding type plug has two flat pins and one round grounding pin. The wider flat pin and round grounding pin are designed for safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or supplied with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.
15. Apparatus shall not be exposed to dripping or splashing and no objects fill with liquids, such as vases, shall be placed on the apparatus.
16. To reduce the risk of electric shock, do not remove the cover of the apparatus. Refer all servicing to qualified service personnel.
17. The readily operable appliance coupler will serve as the disconnecting device of this apparatus.
18. The apparatus must be connected to a mains socket outlet with a protected earthed connection.
19. Maintain a minimum of 10cm free space around the apparatus for proper ventilation.
20. Used or discharged batteries must be properly disposed of or recycled in compliance with all applicable laws. For detailed information, contact your local solid waste disposal authority.
21. When purchased or used in different countries, use an appropriate power cable which is compliant with local laws and regulations.
22. To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
23. Do not install this equipment in a confined space such a book case or similar unit.
24. No naked flame sources, (such as lighted candles), should be placed on the apparatus.



This logo indicates that there's un-insulated "dangerous voltage" inside the product and may incur the risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

[Notice]

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Cautions



[Notice]

To protect your device from electrical damage, be sure to plug the cord into socket securely.



[Notice]

If you use the LCD Display with video games, computers, or similar products, keep brightness and contrast at a low level. Images with a high levels of brightness or contrast the may “burn on” the screen permanently.

[Tips for cleaning the “LCD Display”]

1. Wipe the LCD Display with soft or dry cloth.
2. DO NOT use solvent or methyl benzene. Harsh chemicals may damage your LCD Display.
3. Make sure the LCD Display is unplugged before you clean it.
4. This equipment is for entertainment use only.
5. Not recommended for professional image work.
6. Please do not pressure on the LCD panel to avoid damage due to its delicate structure.
7. To avoid any damage to the LCD panel, please do not stain it with any kind of liquid, such as: water, chemicals, cleanser, wet cloth, etc. (As this model features a self-protection mechanism, users have to wait about 10 seconds for the screen to appear after powering it on)

[CATV]

Be sure to acquire due authorization from the broadcaster/CATV service provider/program owner before using the TV receiver to watch programs through UHF, VHF, or CATV.

[Installation and use of “LCD Display”]

1. Check the LCD Display power specification shown on the serial No./model tag. Be sure to use the power according to the specification. If you are unsure about the power requirement, please contact your distributor or local power company.
2. Make sure to plug the power cable into the socket securely. If you have problems plugging in, please contact your distributor.



The plug is designed in such a manner that you can plug into a socket in a certain direction. If you have problems with the plug, contact with your distributor.

1. DO NOT overload power sockets or extension cords. Overloading poses a risk of electric shock or fire.
2. DO NOT place any objects on the power cord. Keep your LCD Display away from any place that might cause damage to the LCD Display. Use only the correct power cord.
3. Be sure to turn off your LCD Display when not in use. If the LCD Display will not be in use for a long time, unplug it to prevent risk of fire.
4. The vent on the rear and the top of the Multimedia LCD Display is designed for ventilation and heat dissipation. Keep the vent clear to avoid dissipation interruption.
5. DO NOT place the LCD Display on beds, sofas or carpet, as this may block the vent.
6. DO NOT use the LCD Display in enclosed spaces, such as a bookshelf or TV cabinet, unless good ventilation is in place.
7. Keep the LCD Display away from high-temperature objects or any heat-generating object.
8. Keep the LCD Display away from direct sunlight.
9. DO NOT place the LCD Display on an unstable shelf or desk. Failing to do so may result in injury.
10. Keep away objects that may stab the LCD Display and touch the internal high-voltage device or parts inside the LCD Display. It may cause damage, fire or injury.
11. When transporting the TV, never carry it by holding onto the speakers. Be sure to always carry the TV by two people holding it with two hands.

Cautions

[Maintenance]

If any of following occurs, unplug the LCD DISPLAY and contact your distributor or appointed technician to repair the LCD DISPLAY:

1. The power cord or plug is damaged.
2. Liquid enters the LCD DISPLAY.
3. LCD DISPLAY is damp or wet.
4. LCD DISPLAY is damaged.
5. LCD DISPLAY malfunctions.



Please do not attempt to repair the LCD Display by yourself. There are high-voltage components inside the housings of this LCD Display that may cause an electric shock.

Changing parts

If you need to replace a new part for this LCD Display, please contact qualified technician to get the written warrant for the part needed.

Safety inspection

When the LCD Display has been fixed, please remember to ask the technician to perform periodic safety inspection (follow what the vendor requires) to ensure the safety of the LCD Display.

If the LCD DISPLAY has been used longer than its life, please contact qualified technician for repair.

[History of Use]

You can find the serial number and model tag on the back of the LCD Display. Please tell your distributor or qualified technician the serial number when you contact them.



Please carefully read and follow all of the warnings and instructions in this manual. Failure to read and follow them will void the warranty. Modification of the LCD Display without authorization will void the warrant immediately.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment off and on) the user is encouraged to try to correct the interference by one or more of the following measures:

- * Reorient or relocate the receiving antenna
- * Increase the separation between the equipment and receiver
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Notice: To comply with the limits for an FCC Class B computing device, always use the signal cord and power cord supplied with this unit. The Federal Communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Notice

Products with the CE Marking comply with both the EMC Directive (89/336/EEC), (93/68/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

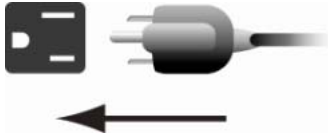


Please recycle used batteries.

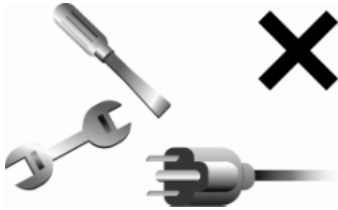
Cautions



- Only use attachments/accessories specified by the manufacturer.



- Polarized type plug has two flat pins, one wide and the other narrow. Grounding type plug has two flat pins and one round grounding pin. The wider flat pin and round grounding pin are designed for safety. If the provided plug does not fit into our outlet, consult an electrician for replacement of the obsolete outlet.



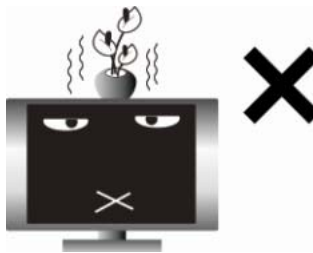
- Do not defeat the safety purpose of the polarized or grounding type plug.



- DO NOT place any objects on the power cord. Keep your LCD Display away from any place that might cause damage to the LCD Display. Use only the correct power cord.



- DO NOT overload power sockets or extension cords. Overloading poses a risk of electric shock or fire.



- The device shall be installed away from the surroundings with dripping or splashing water, and no water-filling objects (e.g. vases) shall be placed on the device.

Cautions



- Due to the liquid-crystal characteristics of the LCD panel, if one watches at a 4:3 picture aspect ratio or the same picture stays frozen for a long time, it will lead to image sticking. Therefore, you are advised not to watch TV at a 4:3 picture aspect ratio for a long time or leave the picture frozen. Otherwise, any image sticking or abnormality cannot be repaired and will not be covered under warranty.



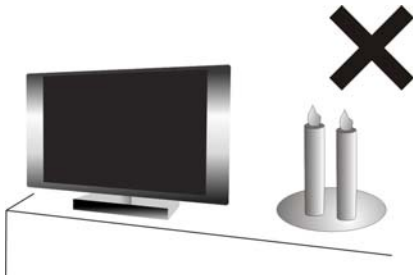
- The vent on the rear and top of the Multimedia LCD Display is designed for ventilation and heat dissipation. To keep the vent clear, make sure that there is at least 10cm free space around it, DO NOT leave the display in a closed space, e.g. a bookshelf or a LCD cabinet.



- NEVER install the LCD Display in the bathroom or shower room; otherwise there might be risks of fire or electric shock.

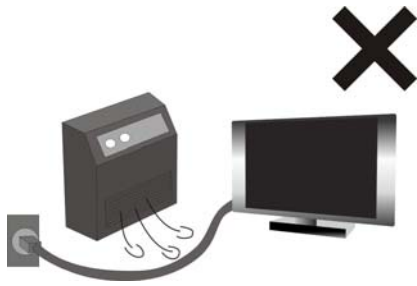


- DO NOT install the LCD Display around heat sources or in places with smoke/moisture, such as radiators, heat registers, stoves, or other apparatus; otherwise there might be risks of fire or electric shock.

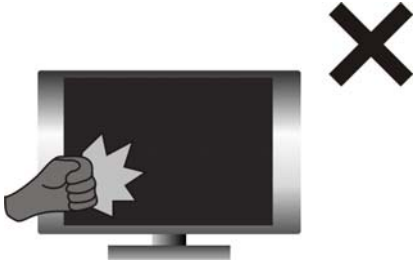


- DO NOT place naked flame sources (such as lit candles) around the LCD Display.

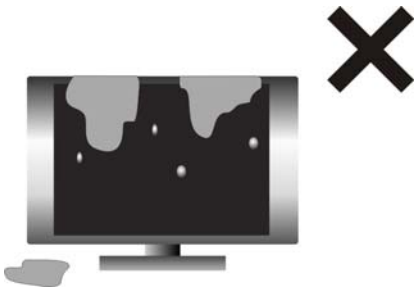
Cautions



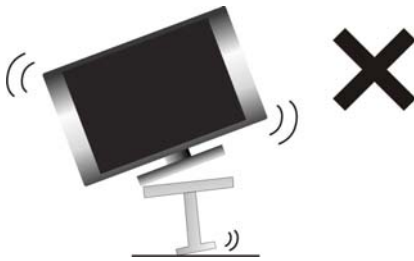
- DO NOT put the power cable around any apparatus that generates heat. If the protective jacket of the power cable is melted or burnt, there might be risks of fire or electric shock.



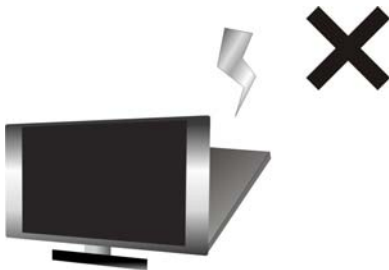
- DO NOT apply external force to the LCD panel as its structure is delicate; otherwise there might be risks of damage or personnel injury.



- To avoid any damage to the LCD panel, please do not stain it with any kind of liquid, such as: water, chemicals, cleanser, wet cloth, etc.

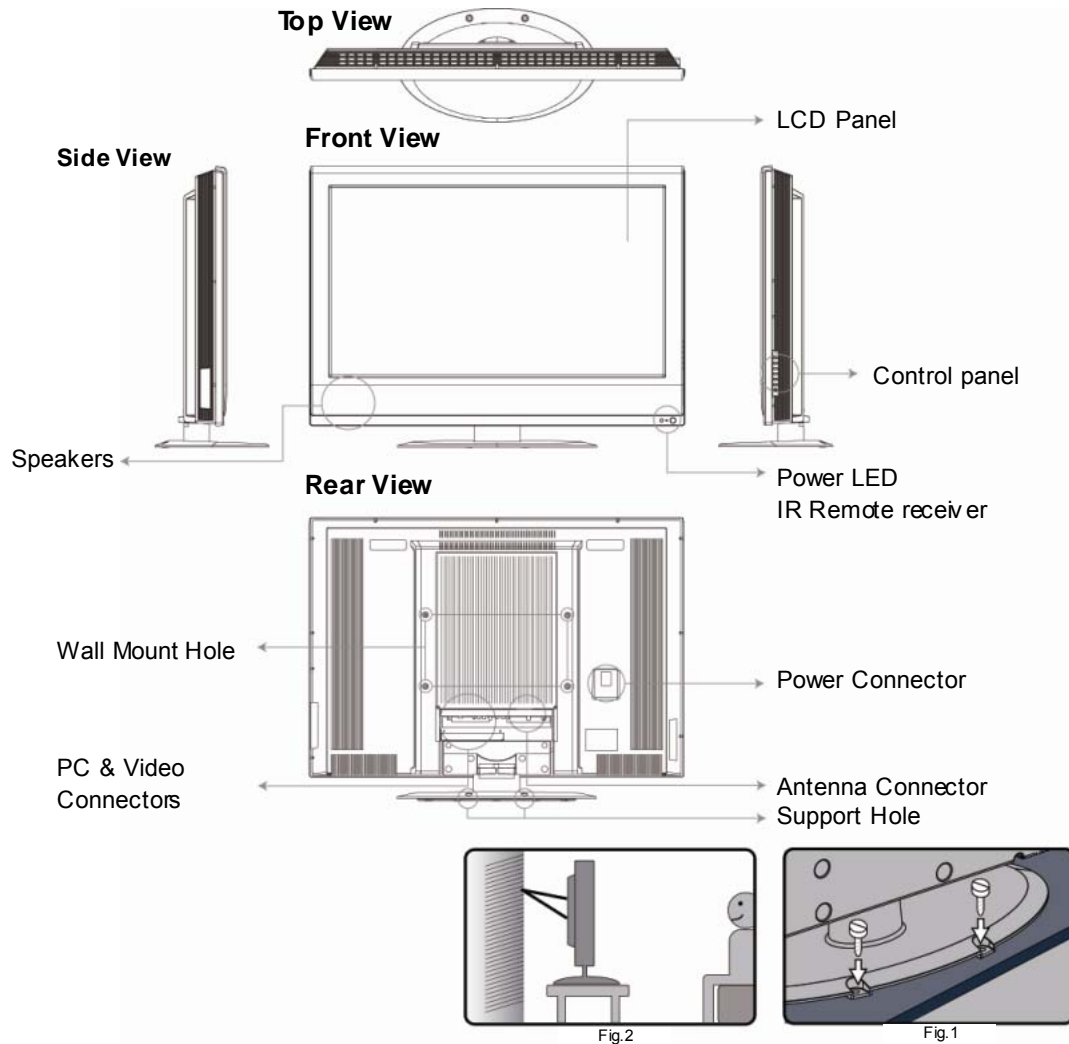


- DO NOT place the LCD Display on an unstable shelf or desk. Failing to do so may result in injury.

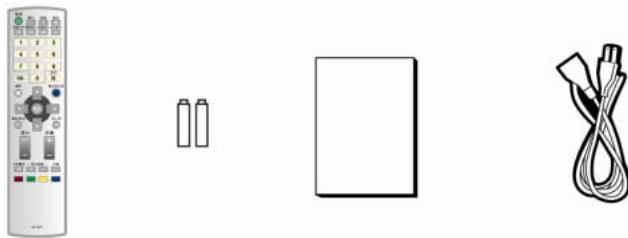


- To reduce the risk of electric shock, do not remove the cover of the apparatus. Keep away objects that may stab the LCD Display and touch the internal high-voltage device or parts inside the LCD Display. It may cause damage, fire or injury. Refer all servicing to qualified service personnel. Modification of the LCD Display without authorization will void the warrant immediately.

Descriptions and accessories



Accessories



1. Remote 2. Batteries x 2 3. User Manual control

4. Power cord (For TW SP-301+IS-14 VCTF 1.25/3C)

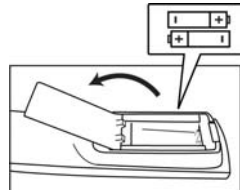
Anti-tip Auxiliary Screw Hole:

Note: Before your operation, screw installation must be done on a stable table (Fig. 1). In the event of failure to fasten the screws on the table, please use another two bolts to fasten the screws on the wall mount hole and fix the LCD display to the wall (Fig. 2) with a wire for safety.

Recommended Screw Specifications: T4X12

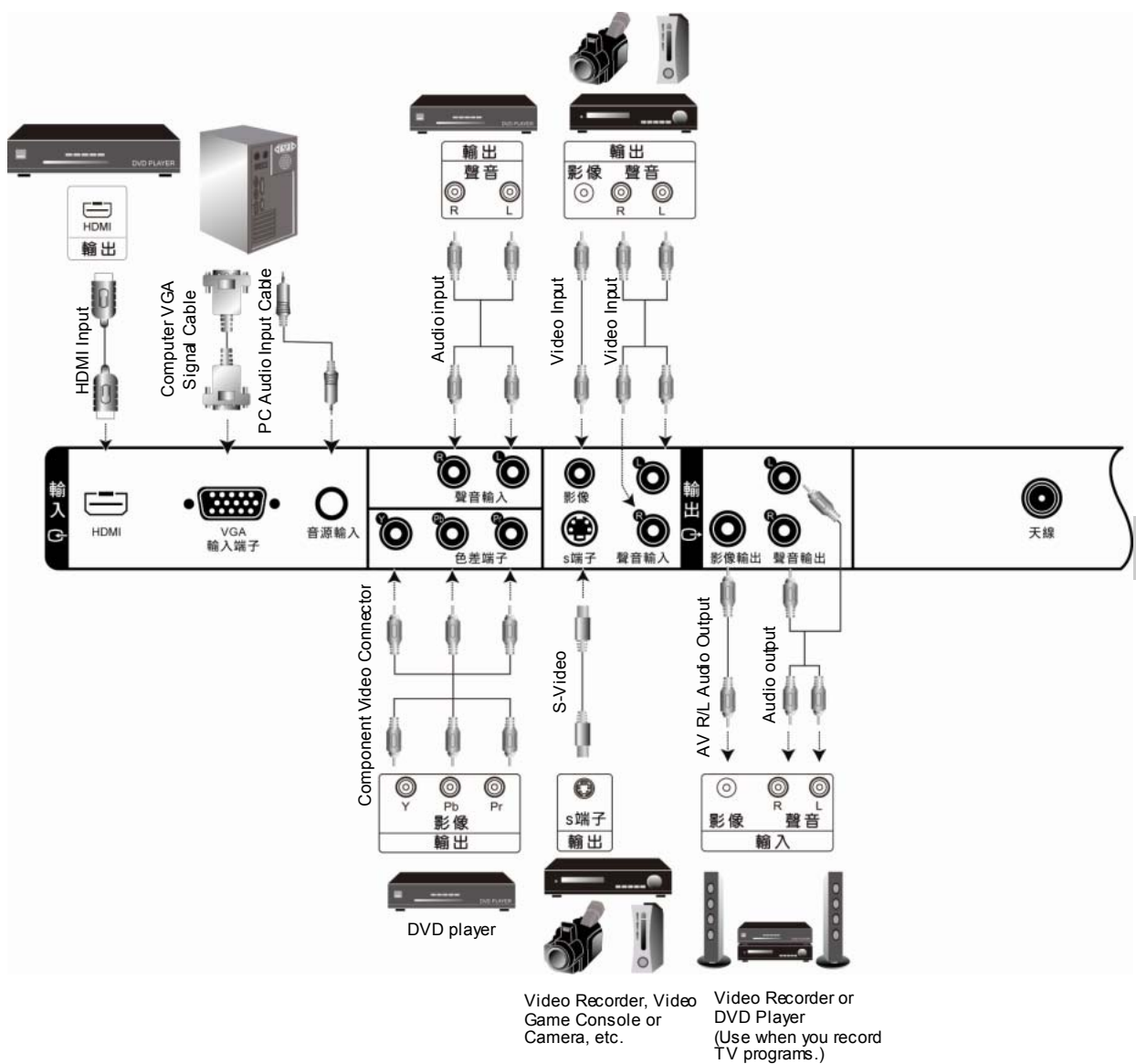
Installation of batteries

1. Insert two AAA batteries into the Remote control. Make sure + and - are facing the proper direction.
2. Replace the cover.



If the remote control will not to be used for a long time, remove the batteries. Use the remote control carefully. Do not drop the remote control on the floor. Keep it away from moisture, direct sunlight, and high temperatures.

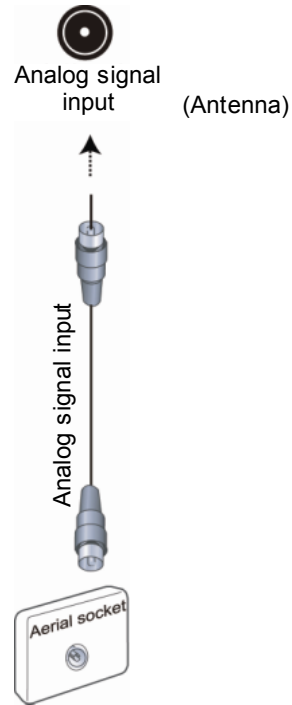
Video & Antenna Connectors



Port	Functions
YPbPr Component Video Connector	Use the video signal of YPbPr component connector or this port, such as progressive scan supported DVD player (Progressive-support) and high-end HDTV decoder or satellite receiver to obtain high definition image and the R/L connector to use with the audio signal.
R/L Audio Input	

Port	Functions
Video Input	This port connects to the composite video signal (yellow) or the S-Video and audio R/L line-in.
S-Video Input	
R/L Audio Input	
Video Output	This port connects to the composite video signal (yellow): Audio R/L Line-out. (Only when the main screen is switched to: TV/ Video/Video S will there be signal output).
R/L Audio Output	
HDMI Input (Digital)	HDMI Interface Connected to the devices with digital signals. It supports PC or HDTV video signals.
VGA Input (Analog) or Audio Input	Connected to VGA analog signal source. For PC Audio, it supports 3.5mm jack.

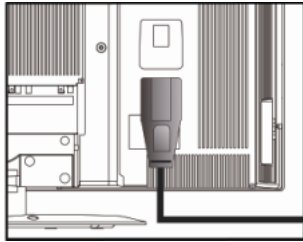
Antenna Connectors



Port	Functions
Analog signal input	Connected to analog TV antenna.

Turn ON the multimedia LCD display

Plug the power cord into input connector on the back of the multimedia LCD display. Plug the other end of the power cord into an outlet.

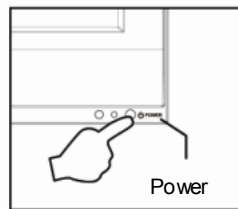


AC 100~240V

Power outlets differ from region to region.

Turn ON the multimedia LCD display

Press the (POWER) button on the front lower right of the TV to turn on the power or enter standby mode.



-When the power is ON, the LED indicator will turn green
-When the power is OFF, the LCD display will enter STANDBY mode, and the LED indicator will turn red.

Channel Scan

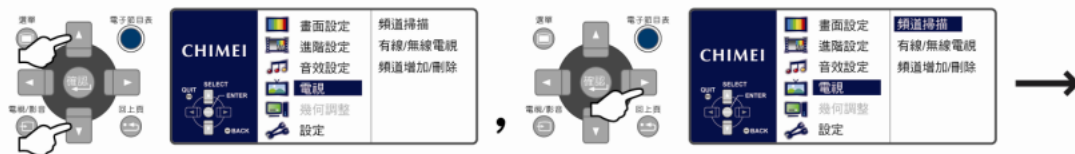
The auto channel scan must be performed for the first installation. **(This product requires an optional LCD TV box to enable the TV function)**

1. Press the "MENU" button to open the OSD screen.
2. Press the button to select "TV Channel Scan Setting". Then press the button to move to the "Channel Scan" option.
3. Press the ENTER button to start auto channel scan. (During the auto channel scan, it will take a few minutes to scan available channels)
4. After the auto channel scan is completed, you may start watching TV. Press the CH button on the remote control to select a channel.

Step 1



Step 2



Step 3



Few minutes

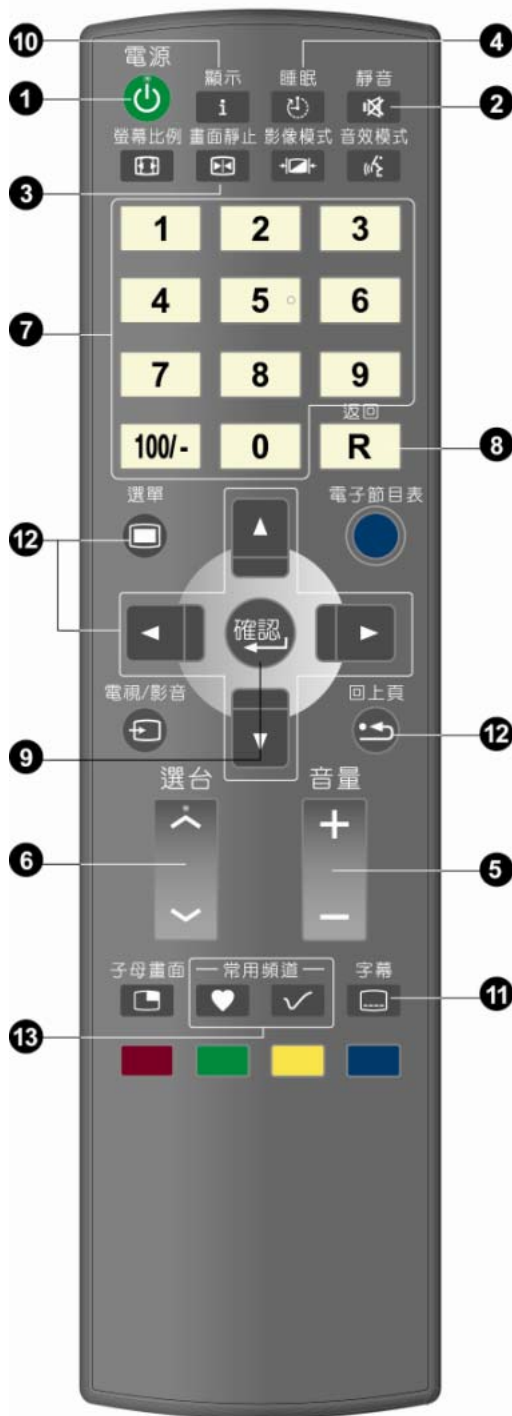


Step 4






Button	Functions
MENU	Adjustment MENU Press the MENU button on the right side of the LCD panel to show the menu to adjust the settings of the LCD display. To show the screen control window of the multimedia LCD display, please press the MENU button. Press the Adjust ▲▼◀▶ to adjust the content of each quick menu item.
CH ^/▼ (FUNCTION ▲/▼)	Channel Selection (Only under the TV mode) Use the CHANNEL ^/▼ button on the right side of the LCD panel to select a channel. (Only under the TV mode. This product requires an optional LCD TV box to enable the TV function) ※Under the MENU mode, the function work as Up and Down buttons of the selection function.
VOL + / - (ADJUST ◀ / ▶)	Volume Adjustment Use the VOLUME + / - button on the right side of the display to adjust the volume of the multimedia LCD display. ※Under the MENU mode, the function work as Left and Right buttons of the adjustment function.
SOURCE	Signal Input Source Selection Press the SOURCE button on the right side of the display to scroll through the following list of inputs: TV/Video/Video S/Component/HDMI/VGA. ※Under the MENU mode, you can use this button for the function of ENTER button.
Earphone Output	This connection port connects earphones (16Ω or 32Ω) for the audio output signal.








1. **POWER**
To turn on the LCD DISPLAY or enter standby mode.
2. **MUTE**
Press to toggle audio on and off. You can also press volume +/- to restore the previous volume level.
3. **FREEZE**
Press to freeze the main screen and press again to restore live viewing.
4. **SLEEP**
Press repeatedly to select one of the available sleep OFF/30/60/90/120 minutes modes.
5. **VOL +/- <VOLUME +/->**
Press to adjust the volume.
6. **CHANNEL ^/▼**
Press to select the channels.
7. **0-9, 100/- NUMBER KEY**
Using the numeric buttons (0 to 9 and 100/-) to select from CH 02 to CH 125. When the channel selected exceeds CH 125, the window will stay on the channel set and won't be switched.
8. **RETURN**
Return to the previous channel.
9. **ENTER**
When entering CH 1 to CH 9, you may just enter number 1 to 9 and wait for a few seconds for auto changing; or you may simply press number 1 to 9 then the ENTER key to switch to the channel directly.
10. **DISPLAY**
Press the INFORMATION button to display the current signal status. Including input source/channel/aspect/audio mode.
11. **C.C.: Close caption**
This allows you to enable the caption function. (This function only applies to the NTSC system used in North America)
12. **<MENU> and Adjustment button ▲▼◀▶ and Back**
This allows you to activate the menu of the multimedia LCD panel. Press again to exit the menu. Use the ▲▼◀▶ button to select the menu item and adjust its setting. Press the '↩' button to return to the last page.

13. Favorite Channels

Select your favorite channels by using .

Add to Favorite Channels by using .

1. Switch to the channel to be set.
2. Press the  button to activate the screen where you can edit your Favorite Channels.
3. Press   keys, 1-9, to select the position to be set (There are 9 positions to be set in total). Press  to add a favorite channel; press  to delete a saved favorite channel.
4. The position will display the channel that you previously set. The position not set will display "0"



14. ASPECT

The ASPECT modes include:
16:9 / Zoom 1 / Zoom 2 / game / 4:3.



15. PICTURE

For advanced picture setup, including Vivid/Sport/Movie/Game/User modes.

16. MTS

The MTS modes include STEREO / MONO / SAP. If no second language is available to be chosen from the received signals, the MONO audio output will apply.

17. TV/VIDEO

For the signal source of main screen.

1. You can use the "TV/VIDEO" button on the remote control to switch the signal source of main screen. The switching sequences of main screen are TV/Video/S Video/Y PbPr/HDMI/PC respectively.
2. The selected signal source will be displayed on upper right of the screen.
3. The special items to the OSD MENU under each display mode can be selected.

18.PG

(This function is only available for models with digital TV function)

19.The function of the button is not available for the model.

NTSC

LCD Display menu How to use the Advanced LCD Display Menu

1. You can use the “**TV/VIDEO**” button on the remote control to select the signal source. Once the signal source is detected, the selected system mode appears in the upper right corner of the screen.
2. After the system mode is selected, press the (MENU) buttons to perform the following functions:



PICTURE

According to the type of TV program you are watching, it provides more picture modes and functions for adjusting color and brightness.



ADVANCED

According to the type of program you are watching, it provides advanced setup for adjusting color and brightness.



AUDIO

Provide more audio selections. You can also set the audio environment of the LCD DISPLAY.



TV(for use with TV mode)

Set up your favorite channels.



● GEOMETRY: for use in PC mode

● Phase Adjust: Both PC and YPbPr component connectors can be used.









SETUP








Enable you to set the OSD language and OSD background.

LCD Display menu How to use the Advanced LCD Display Menu

PICTURE







1. Press the menu selection  button on the remote control to show the main menu.
2. Use the  button to select the main item to be adjusted, "PICTURE".
Press the  button to enter the sub menu.
3. Use the  button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the  button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.








Menu	Descriptions
Contrast	Press  to increase or decrease the picture contrast.
Brightness	Press  to make the picture brighter or darker.
Saturation	Press  to adjust color saturation.
Hue	Press  to change the hue to make it redder or greener.
Sharpness	Press  to make the picture sharper or softer.
Back Light	Press the  button to adjust the brightness of BackLight (the less bright the BackLight, the more energy saved and the longer lifetime).
Reset	Press  to restore all Display parameters to their default settings.

LCD Display menu How to use the Advanced LCD Display Menu

ADVANCE



1. Press the menu selection  button on the remote control to show the main menu.
2. Use the  button to select the main item to be adjusted, "ADVANCE".
Use the  button to move to the sub menu to be adjusted.
3. Use the  button to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the  button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.



Menu	Descriptions
Color Temperature	Press  to adjust the color temperature: Cool/Normal/Warm.
Super Contrast	Press  button to adjust the contrast of picture: Off/low/middle/high. ※ PC (DVI, VGA) model does not support the function. ※ Opening Super Contrast function causing contrast modulates temporary at running high frequency pattern that is normality.
Super Color	Press  buttons to adjust color space: Off/Natural/Vivid/Movie.
GAMMA	Press  button to adjust the gray scale curve on the picture: HDTV/Normal/Game
Dynamic Contrast Improvement	Press  button to enable or disable. For improvement of dynamic contrast. ※ Opening Super Contrast function causing contrast modulates temporary at running high frequency pattern that is normality. ※ Dynamic Contrast: This mode saves 25% of energy in average and increases the lifetime of the lamp.

LCD Display menu How to use the Advanced LCD Display Menu

AUDIO

1. Press the menu selection  button on the remote control to show the main menu.
2. Use the ▲▼ button to select the main item to be adjusted, "AUDIO".
Press the ► button to confirm the main item to be adjusted.
3. Press the ▲▼ button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the ◀▶ button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.





Menu	Descriptions
Balance	Press the ◀▶ buttons to adjust the balance between right and left speakers.
Bass	Press the ◀▶ buttons to increase or decrease the audio bass level.
Treble	Press the ◀▶ buttons to increase or decrease the audio treble level.
SRS TruSurround XT	Press ◀▶ button to control the ON/OFF of the SRS TruSurround XT. (When Surround is switched on, low/high volume function will be disabled.)
Reset	Press ◀▶ to restore all Display parameters to their default settings.

NTSC

LCD Display menu How to use the Advanced LCD Display Menu

TV (for TV)

1. Press the menu selection  button on the remote control to show the main menu.
2. Press the ▲▼ button to confirm the main item to be adjusted, "TV".
Press the ► button to confirm the main item to be adjusted.
3. Press the ▲▼ button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the ◀▶ button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.









Menu	Descriptions
Channel Scan	In the channel scan menu, press the Enter button to execute the auto channel scan. The auto channel scan must be performed for the first installation.
CATV/AIR	CATV/ AIR Press the ◀▶ button on the remote control to select the TV signal (antenna or cable). AIR: For antenna users, please select this item. CATV: For cable users, please select this item.
Channel Add/Del	Press the ◀▶ button to add or remove channels.







(Only under the TV mode. This product requires an optional LCD TV box to enable the TV function)

LCD Display menu How to use the Advanced LCD Display Menu

GEOMETRY (VGA mode)

1. Press the menu selection  button on the remote control to show the main menu.
2. Use the  button to select the main item to be adjusted, "GEOMETRY".
Press the  button to confirm the main item to be adjusted.
3. Press the  button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the  button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.





Menu	Descriptions
Auto	Press  button to automatically adjust the focus, sharpness, horizontal and vertical positions.
H-Position	Press  button to adjust the screen location horizontally. If the horizontal position is still misplaced after automatic adjustment, you can use this function to fine tune.
V-Position	Press  button to adjust the screen location vertically. If the vertical position is still misplaced after automatic adjustment, you can use this function to fine tune.
Phase	Press  button to manually adjust the focus. If automatic adjustment does not deliver ideal focus, you can use this function to fine tune.
Clock	Press  button to manually adjust the sharpness. If automatic adjustment does not deliver ideal focus and sharpness, you can use this function to fine tune.
Reset	Press  to restore all Display parameters to their default settings.

- ※1 Due to the different characteristics of computer video adapters, sometimes automatic adjustment cannot deliver an optimal clearness. You can use this function to fine tune.
- ※2 With different combinations of wires and audio/video devices, if component high frequency signal pictures are unclear, the phase can be adjusted manually.

LCD Display menu How to use the Advanced LCD Display Menu

SETUP

1. Press the menu selection  button on the remote control to show the main menu.
2. Press the ▲▼ button to confirm the main item to be adjusted, "SETUP".
Press the ► button to confirm the main item to be adjusted.
3. Press the ▲▼ button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the ◀▶ button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.



Menu	Descriptions
Language	Press the ◀▶ buttons to select language.
OSD Background	Press ◀▶ buttons to select OSD background is opaque or transparent.
Noise Reduction	Press ◀▶ button to adjust the classes of the noise removal.
Overscan	Press ◀▶ button to adjust the items of Overscan: Off /small/standard/big. Under HDMI / YpbPr 1080P60Hz and VGA1920x1080@60Hz, the mode of pixel to pixel depends on Overscan. When Overscan is OFF, the Display Standstill and Aspect Ratio functions will be disabled. (When watching TV, the picture's black edge can be adjusted by adjusting the Overscan function.)
Reset	Press ◀▶ to restore all Display parameters to their default settings.

Other Information Troubleshooting

The following table contains the common problems and the solutions to these problems. Please check this list before you contact technicians.

Problems	Reasons	Solutions
No picture	<ol style="list-style-type: none"> 1. Did you connect the power cord? 2. Did you turn on the power? 3. Is the signal cable connected correctly? 4. Is the screen in energy-saving mode? 	<ol style="list-style-type: none"> 1. Connect power cord correctly. 2. Turn on power. 3. Connect signal cable correctly. 4. Press any button on the computer.
Abnormal colors	<ol style="list-style-type: none"> 1. Is the signal cable connected correctly? 	<ol style="list-style-type: none"> 1. Connect signal cable correctly.
Twisted picture	<ol style="list-style-type: none"> 1. Is the signal cable connected correctly? 2. Is signal input over the maximum of frequency range? 	<ol style="list-style-type: none"> 1. Connect signal cable correctly. 2. Please use the signal within the frequency range.
Picture too dark	<ol style="list-style-type: none"> 1. Are brightness and contrast set at the lowest level? 	<ol style="list-style-type: none"> 1. Adjust brightness and contrast.
Audio only, no images	<ol style="list-style-type: none"> 1. Is input signal connected correctly? 2. Is the TV signal too weak? 	<ol style="list-style-type: none"> 1. Please check if input signal is connected correctly. 2. Please check if signal is connected correctly. 3. The TV-RF signal needs to be over 50dB.
Picture only, no audio	<ol style="list-style-type: none"> 1. Is the signal cable connected correctly? 2. Is volume at the minimum level? 3. Is audio signal cable not connected? 4. Is the TV signal too weak? 	<ol style="list-style-type: none"> 1. Connect signal cable correctly. 2. Adjust volume to proper level. 3. Connect audio signal cable correctly. 4. The TV-RF signal needs to be over 50dB.
Cannot use remote control	<ol style="list-style-type: none"> 1. Is the battery dead? 2. Is there any disturbance from static or thunder? 	<ol style="list-style-type: none"> 1. Please change battery. 2. Turn off power for 10 seconds; and then restart power.

The following table contains common problems and solutions to these problems.

Problems	Possible solutions
Can't receive enough channels with the antenna.	Check the cable connection. Make sure it is connected firmly. Please use multi-directional outdoor antenna. (If your TV is subject to the influence of nearby mountains or buildings) Please use the automatic scanning function to increase the number of channels not included in memory.
No colors	Please adjust the color setup.
Blinking picture accompanied by ghost image	Check the connection of antenna/signal cable. Check if channel is in play mode. Press signal source and change input mode.
Broken lines or segments	Adjust antenna Keep the TV away from noise sources: Such as automobiles, neon lights, and hair dryers.
Certain TV channels are blocked (Hope to acquire some channels)	Please use the automatic scanning function to increase the number of channels not included in memory.
Overlapping images or ghost images	Please use multi-directional outdoor antenna. (If your TV is subject to the influence of nearby mountains or buildings)
Cannot use a function	If the item you choose turns gray, that item cannot be selected.

If you have further questions after reading the above descriptions, please contact your distributor.

Display panel	Active Area / Screen Size	930.24 (H) x 523.26 (V) (42.02" diagonal)
	Aspect Ratio	Widescreen 16:9
	Max. of Pixels	1920(H) X 1080(V)
	Lamp Life of Backlight	50,000 hrs (min.)
	Mode	SMVA
	Brightness	500 nits (Typ)
	Contrast Ratio	4000:1 (Typ)
	Response Time	6.5ms (gray to gray average) (Typ)
AV I/O Input	AV Input x 1	S-Video (4 pin Dim)+Audio-R/L (RCA) X1 AV Composite (RCA)
	AV Output x 1	AV Composite (RCA) + Audio-L/R (RCA) X1
	Component Input x 1	YPbPr (RCA) + Audio-R/L (RCA) X1
	HDMI Input x 1	HDMI X1
PC I/O Input	VGA Input X1	RGB (D-sub 15pin)+ PC Audio (3.5mm jack) X1
Compatibility	Audio system	Stereo/Mono/SAP
	PC	<ul style="list-style-type: none"> ●720x400@70Hz ●640x480@60Hz ●800x600@60Hz ●1024x768@60Hz ●1920x1080@60Hz
	HDMI	<ul style="list-style-type: none"> ●1280x720p@60Hz; ●1920x1080i@60Hz ●1920x1080p@24Hz/60Hz ●720x480i / 480p@60Hz
	HDMI ↔ DVI	<ul style="list-style-type: none"> ●800x600@60Hz ; 640x480@60Hz ●1024x768@60Hz ●1920x1080@60Hz
	Scanning format	<ul style="list-style-type: none"> ●480i / 480p@60Hz ●720p@60Hz ●1080i@60Hz ●1080p@24 / 60 Hz
Power	Input Voltage	AC 100-240V, 3.5A(max.), 50/60Hz
	Operation	<300W
	Standby	<1 W at AC 110V(typical)
Environment	Operating	5 - 35°C (41~95°F) / 10%~90% (no condensation)
	Storage temperature	-20 - 60°C (-4~140°F) / 10%~90% (no condensation)
Other	Built-in speaker	8Ω, 10W, x2 (max.)

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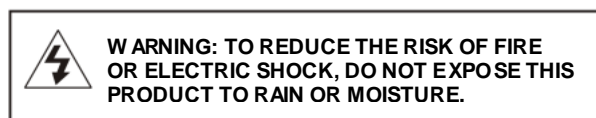
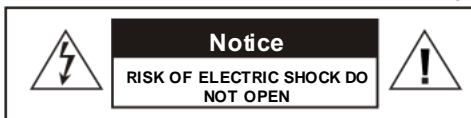
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Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any vent. Install as per the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. Polarized type plug has two flat pins, one wide and the other narrow. Grounding type plug has two flat pins and one round grounding pin. The wider flat pin and round grounding pin are designed for safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or supplied with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.
15. Apparatus shall not be exposed to dripping or splashing and no objects fill with liquids, such as vases, shall be placed on the apparatus.
16. To reduce the risk of electric shock, do not remove the cover of the apparatus. Refer all servicing to qualified service personnel.
17. The readily operable appliance coupler will serve as the disconnecting device of this apparatus.
18. The apparatus must be connected to a mains socket outlet with a protected earthed connection.
19. Maintain a minimum of 10cm free space around the apparatus for proper ventilation.
20. Used or discharged batteries must be properly disposed of or recycled in compliance with all applicable laws. For detailed information, contact your local solid waste disposal authority.
21. When purchased or used in different countries, use an appropriate power cable which is compliant with local laws and regulations.
22. To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
23. Do not install this equipment in a confined space such a book case or similar unit.
24. No naked flame sources, (such as lighted candles), should be placed on the apparatus.



This logo indicates that there's un-insulated "dangerous voltage" inside the product and may incur the risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

[Notice]

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Cautions



[Notice]

To protect your device from electrical damage, be sure to plug the cord into socket securely.



[Notice]

If you use the LCD Display with video games, computers, or similar products, keep brightness and contrast at a low level. Images with a high levels of brightness or contrast the may “burn on” the screen permanently.

[Tips for cleaning the “LCD Display”]

1. Wipe the LCD Display with soft or dry cloth.
2. DO NOT use solvent or methyl benzene. Harsh chemicals may damage your LCD Display.
3. Make sure the LCD Display is unplugged before you clean it.
4. This equipment is for entertainment use only.
5. Not recommended for professional image work.
6. Please do not pressure on the LCD panel to avoid damage due to its delicate structure.
7. To avoid any damage to the LCD panel, please do not stain it with any kind of liquid, such as: water, chemicals, cleanser, wet cloth, etc. (As this model features a self-protection mechanism, users have to wait about 10 seconds for the screen to appear after powering it on)

[CATV]

Be sure to acquire due authorization from the broadcaster/CATV service provider/program owner before using the TV receiver to watch programs through UHF, VHF, or CATV.

[Installation and use of “LCD Display”]

1. Check the LCD Display power specification shown on the serial No./model tag. Be sure to use the power according to the specification. If you are unsure about the power requirement, please contact your distributor or local power company.
2. Make sure to plug the power cable into the socket securely. If you have problems plugging in, please contact your distributor.



The plug is designed in such a manner that you can plug into a socket in a certain direction. If you have problems with the plug, contact with your distributor.

1. DO NOT overload power sockets or extension cords. Overloading poses a risk of electric shock or fire.
2. DO NOT place any objects on the power cord. Keep your LCD Display away from any place that might cause damage to the LCD Display. Use only the correct power cord.
3. Be sure to turn off your LCD Display when not in use. If the LCD Display will not be in use for a long time, unplug it to prevent risk of fire.
4. The vent on the rear and the top of the Multimedia LCD Display is designed for ventilation and heat dissipation. Keep the vent clear to avoid dissipation interruption.
5. DO NOT place the LCD Display on beds, sofas or carpet, as this may block the vent.
6. DO NOT use the LCD Display in enclosed spaces, such as a bookshelf or TV cabinet, unless good ventilation is in place.
7. Keep the LCD Display away from high-temperature objects or any heat-generating object.
8. Keep the LCD Display away from direct sunlight.
9. DO NOT place the LCD Display on an unstable shelf or desk. Failing to do so may result in injury.
10. Keep away objects that may stab the LCD Display and touch the internal high-voltage device or parts inside the LCD Display. It may cause damage, fire or injury.
11. When transporting the TV, never carry it by holding onto the speakers. Be sure to always carry the TV by two people holding it with two hands.

Cautions

[Maintenance]

If any of following occurs, unplug the LCD DISPLAY and contact your distributor or appointed technician to repair the LCD DISPLAY:

1. The power cord or plug is damaged.
2. Liquid enters the LCD DISPLAY.
3. LCD DISPLAY is damp or wet.
4. LCD DISPLAY is damaged.
5. LCD DISPLAY malfunctions.



Please do not attempt to repair the LCD Display by yourself. There are high-voltage components inside the housings of this LCD Display that may cause an electric shock.

Changing parts

If you need to replace a new part for this LCD Display, please contact qualified technician to get the written warrant for the part needed.

Safety inspection

When the LCD Display has been fixed, please remember to ask the technician to perform periodic safety inspection (follow what the vendor requires) to ensure the safety of the LCD Display.

If the LCD DISPLAY has been used longer than its life, please contact qualified technician for repair.

[History of Use]

You can find the serial number and model tag on the back of the LCD Display. Please tell your distributor or qualified technician the serial number when you contact them.



Please carefully read and follow all of the warnings and instructions in this manual. Failure to read and follow them will void the warranty. Modification of the LCD Display without authorization will void the warrant immediately.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment off and on) the user is encouraged to try to correct the interference by one or more of the following measures:

- * Reorient or relocate the receiving antenna
- * Increase the separation between the equipment and receiver
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

Notice: To comply with the limits for an FCC Class B computing device, always use the signal cord and power cord supplied with this unit. The Federal Communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Notice

Products with the CE Marking comply with both the EMC Directive (89/336/EEC), (93/68/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

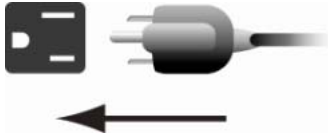


Please recycle used batteries.

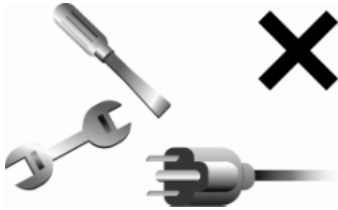
Cautions



- Only use attachments/accessories specified by the manufacturer.



- Polarized type plug has two flat pins, one wide and the other narrow. Grounding type plug has two flat pins and one round grounding pin. The wider flat pin and round grounding pin are designed for safety. If the provided plug does not fit into our outlet, consult an electrician for replacement of the obsolete outlet.



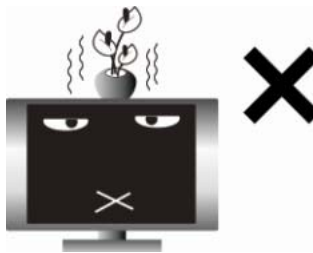
- Do not defeat the safety purpose of the polarized or grounding type plug.



- DO NOT place any objects on the power cord. Keep your LCD Display away from any place that might cause damage to the LCD Display. Use only the correct power cord.



- DO NOT overload power sockets or extension cords. Overloading poses a risk of electric shock or fire.

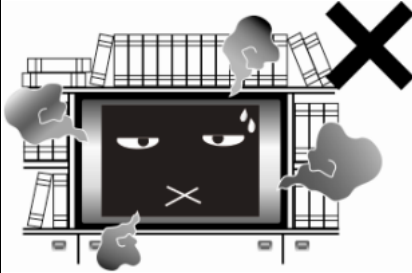


- The device shall be installed away from the surroundings with dripping or splashing water, and no water-filling objects (e.g. vases) shall be placed on the device.

Cautions



- Due to the liquid-crystal characteristics of the LCD panel, if one watches at a 4:3 picture aspect ratio or the same picture stays frozen for a long time, it will lead to image sticking. Therefore, you are advised not to watch TV at a 4:3 picture aspect ratio for a long time or leave the picture frozen. Otherwise, any image sticking or abnormality cannot be repaired and will not be covered under warranty.



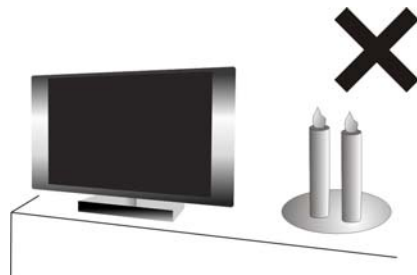
- The vent on the rear and top of the Multimedia LCD Display is designed for ventilation and heat dissipation. To keep the vent clear, make sure that there is at least 10cm free space around it, DO NOT leave the display in a closed space, e.g. a bookshelf or a LCD cabinet.



- NEVER install the LCD Display in the bathroom or shower room; otherwise there might be risks of fire or electric shock.

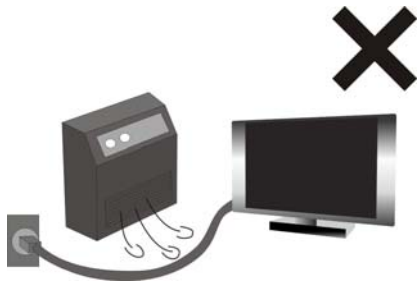


- DO NOT install the LCD Display around heat sources or in places with smoke/moisture, such as radiators, heat registers, stoves, or other apparatus; otherwise there might be risks of fire or electric shock.

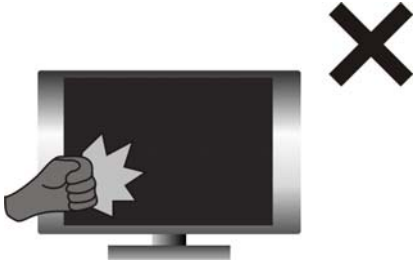


- DO NOT place naked flame sources (such as lit candles) around the LCD Display.

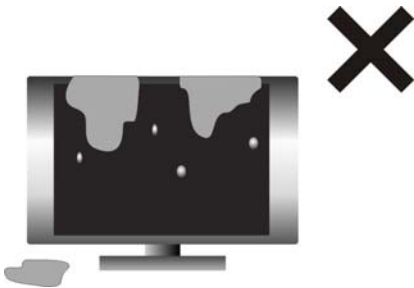
Cautions



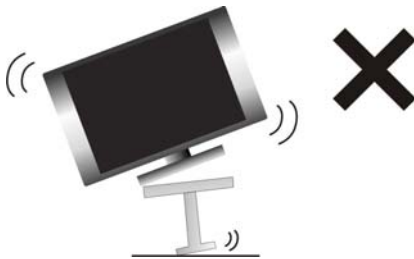
- DO NOT put the power cable around any apparatus that generates heat. If the protective jacket of the power cable is melted or burnt, there might be risks of fire or electric shock.



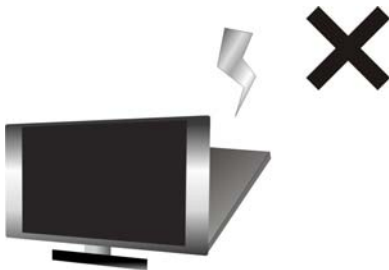
- DO NOT apply external force to the LCD panel as its structure is delicate; otherwise there might be risks of damage or personnel injury.



- To avoid any damage to the LCD panel, please do not stain it with any kind of liquid, such as: water, chemicals, cleanser, wet cloth, etc.

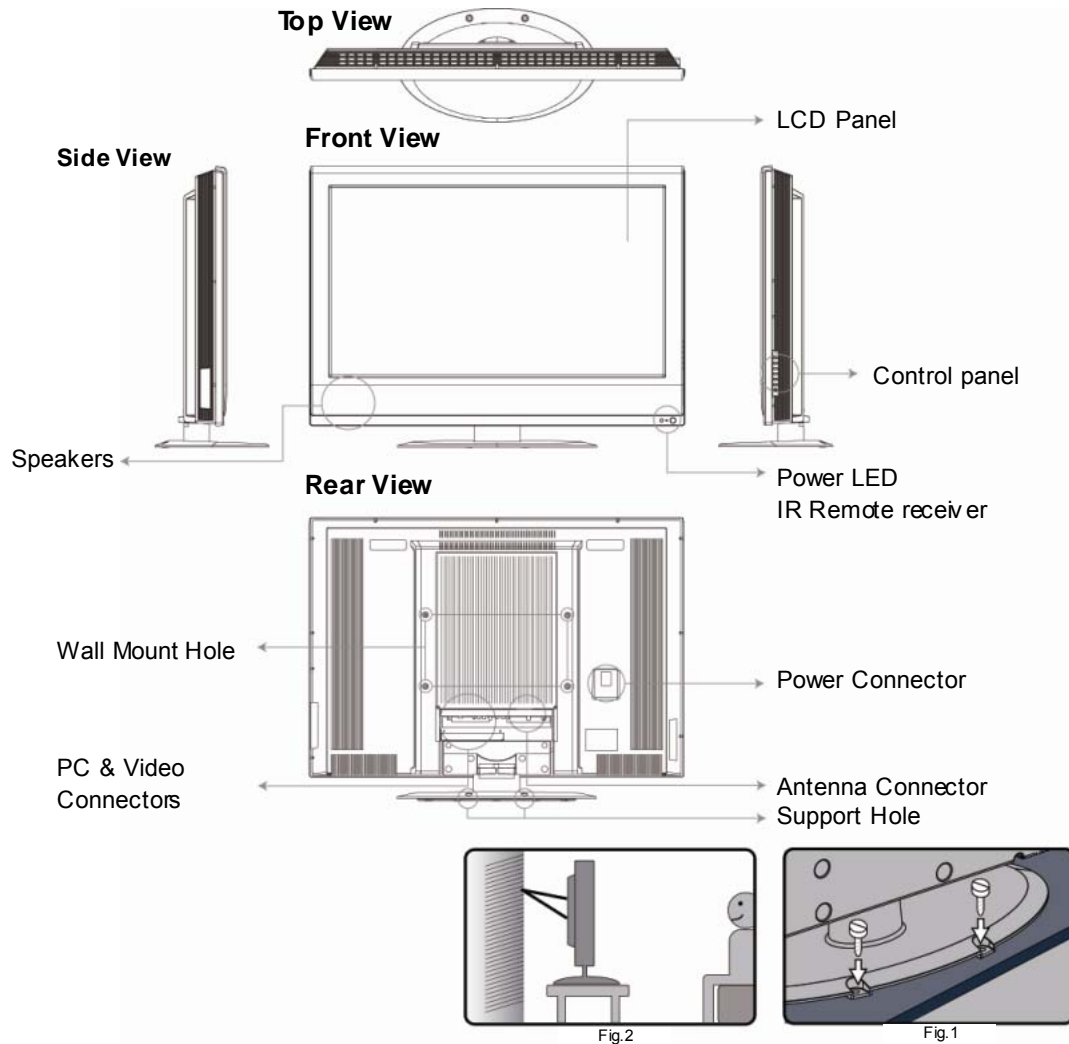


- DO NOT place the LCD Display on an unstable shelf or desk. Failing to do so may result in injury.

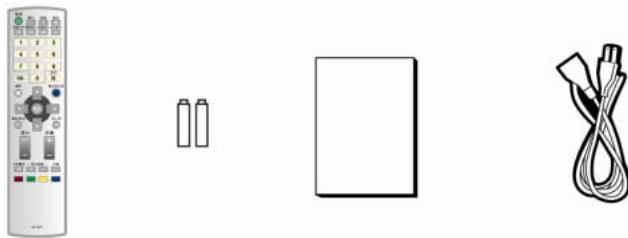


- To reduce the risk of electric shock, do not remove the cover of the apparatus. Keep away objects that may stab the LCD Display and touch the internal high-voltage device or parts inside the LCD Display. It may cause damage, fire or injury. Refer all servicing to qualified service personnel. Modification of the LCD Display without authorization will void the warrant immediately.

Descriptions and accessories



Accessories



1.Remote 2.Batteries x 2 3.User Manual control

4. Power cord (For TW SP-301+IS-14 VCTF 1.25/3C)

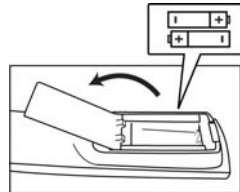
Anti-tip Auxiliary Screw Hole:

Note: Before your operation, screw installation must be done on a stable table (Fig. 1). In the event of failure to fasten the screws on the table, please use another two bolts to fasten the screws on the wall mount hole and fix the LCD display to the wall (Fig. 2) with a wire for safety.

Recommended Screw Specifications: T4X12

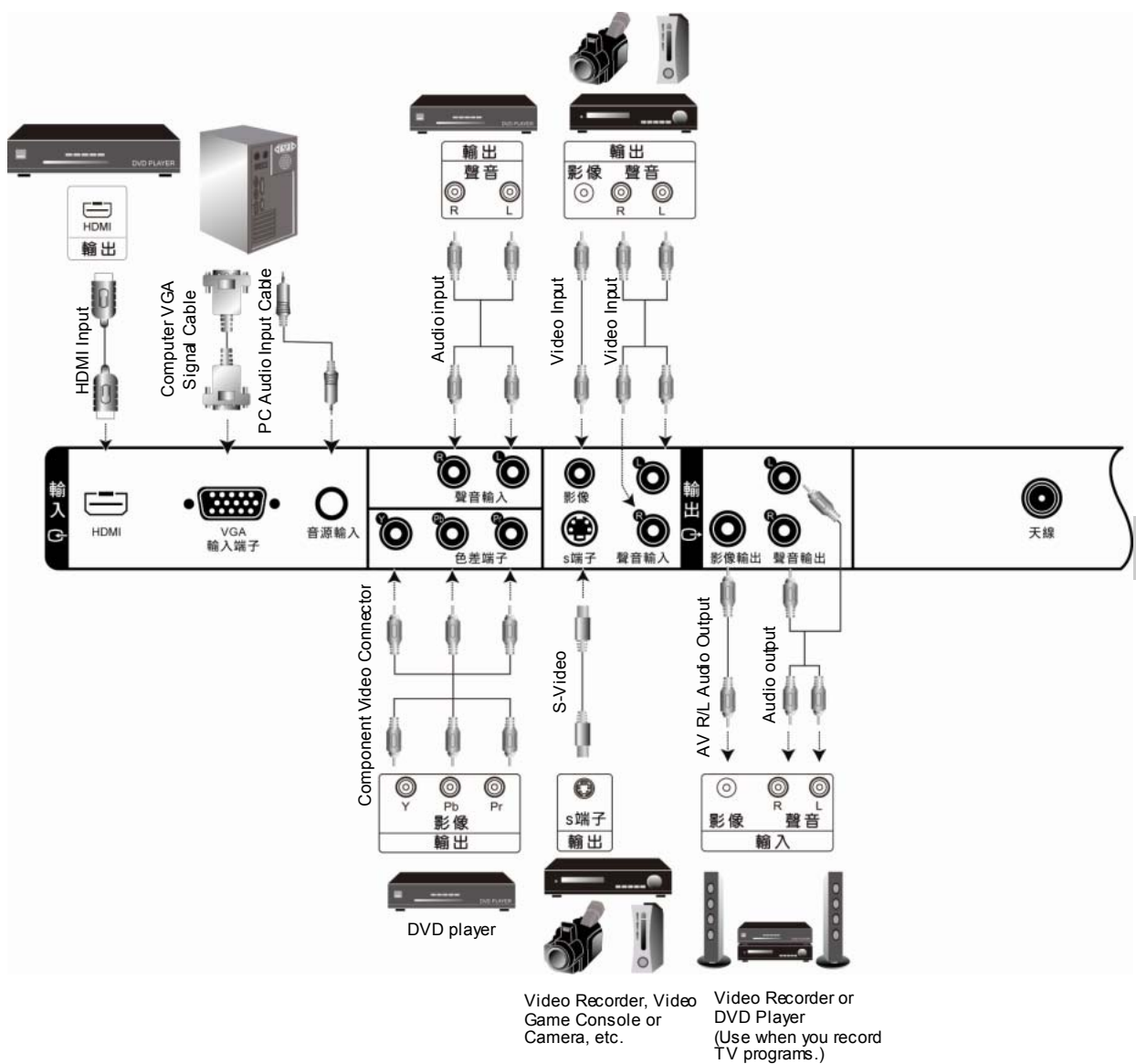
Installation of batteries

1. Insert two AAA batteries into the Remote control. Make sure + and - are facing the proper direction.
2. Replace the cover.



If the remote control will not to be used for a long time, remove the batteries. Use the remote control carefully. Do not drop the remote control on the floor. Keep it away from moisture, direct sunlight, and high temperatures.

Video & Antenna Connectors

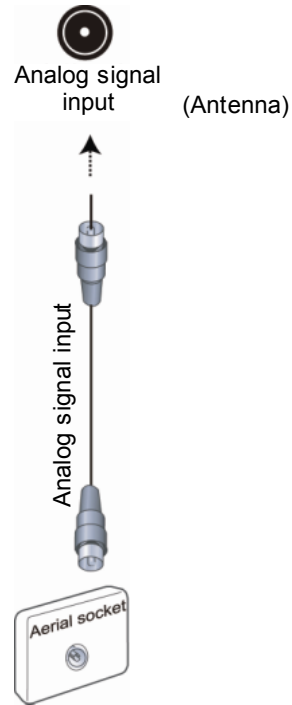


Video Recorder, Video Game Console or Camera, etc.
 Video Recorder or DVD Player (Use when you record TV programs.)

Port	Functions
YPbPr Component Video Connector	Use the video signal of YPbPr component connector or this port, such as progressive scan supported DVD player (Progressive-support) and high-end HDTV decoder or satellite receiver to obtain high definition image and the R/L connector to use with the audio signal.
R/L Audio Input	

Port	Functions
Video Input	This port connects to the composite video signal (yellow) or the S-Video and audio R/L line-in.
S-Video Input	
R/L Audio Input	
Video Output	This port connects to the composite video signal (yellow):
R/L Audio Output	Audio R/L Line-out. (Only when the main screen is switched to: TV/ Video/Video S will there be signal output).
HDMI Input (Digital)	HDMI Interface Connected to the devices with digital signals. It supports PC or HDTV video signals.
VGA Input (Analog) or Audio Input	Connected to VGA analog signal source. For PC Audio, it supports 3.5mm jack.

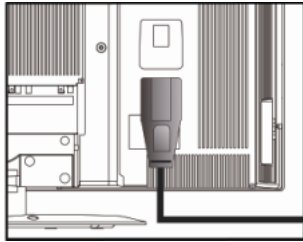
Antenna Connectors



Port	Functions
Analog signal input	Connected to analog TV antenna.

Turn ON the multimedia LCD display

Plug the power cord into input connector on the back of the multimedia LCD display. Plug the other end of the power cord into an outlet.

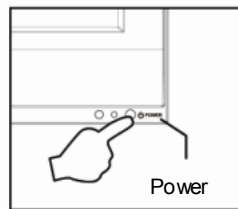


AC 100~240V

Power outlets differ from region to region.

Turn ON the multimedia LCD display

Press the (POWER) button on the front lower right of the TV to turn on the power or enter standby mode.



-When the power is ON, the LED indicator will turn green
 -When the power is OFF, the LCD display will enter STANDBY mode, and the LED indicator will turn red.

Channel Scan

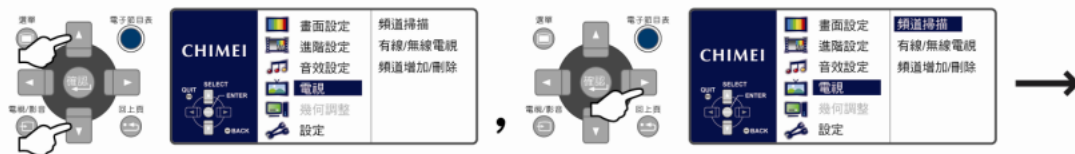
The auto channel scan must be performed for the first installation. **(This product requires an optional LCD TV box to enable the TV function)**

1. Press the "MENU" button to open the OSD screen.
2. Press the button to select "TV Channel Scan Setting". Then press the button to move to the "Channel Scan" option.
3. Press the ENTER button to start auto channel scan. (During the auto channel scan, it will take a few minutes to scan available channels)
4. After the auto channel scan is completed, you may start watching TV. Press the CH button on the remote control to select a channel.

Step 1



Step 2



Step 3



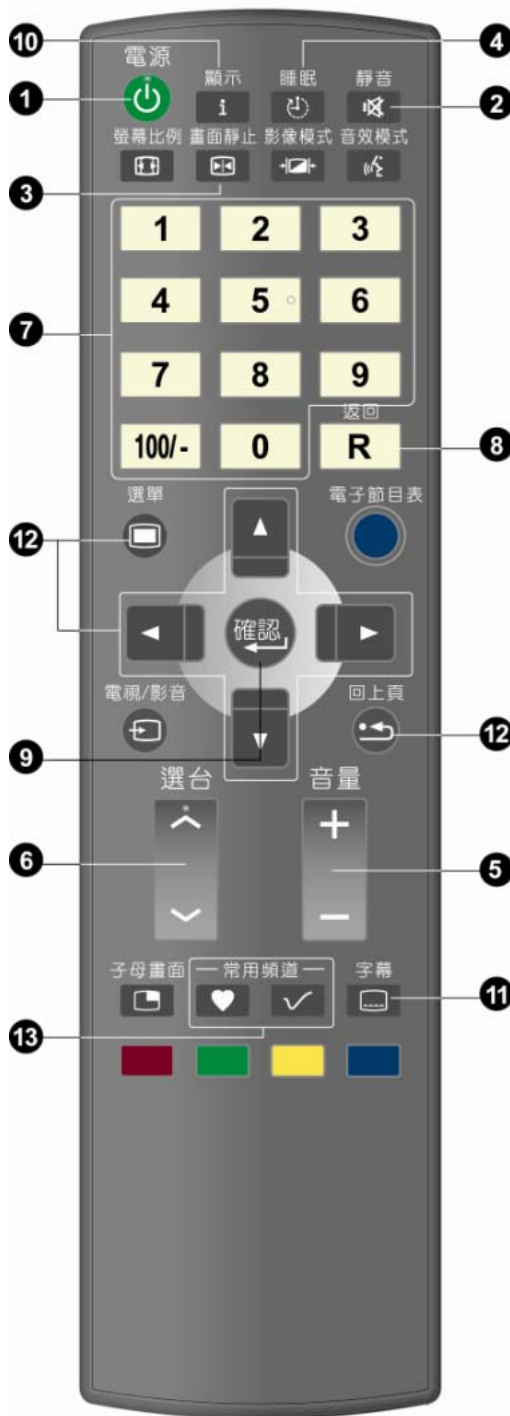
Few minutes

Step 4






Button	Functions
MENU	Adjustment MENU Press the MENU button on the right side of the LCD panel to show the menu to adjust the settings of the LCD display. To show the screen control window of the multimedia LCD display, please press the MENU button. Press the Adjust ▲▼◀▶ to adjust the content of each quick menu item.
CH ^/▼ (FUNCTION ▲/▼)	Channel Selection (Only under the TV mode) Use the CHANNEL ^/▼ button on the right side of the LCD panel to select a channel. (Only under the TV mode. This product requires an optional LCD TV box to enable the TV function) ※Under the MENU mode, the function work as Up and Down buttons of the selection function.
VOL + / - (ADJUST ◀ / ▶)	Volume Adjustment Use the VOLUME + / - button on the right side of the display to adjust the volume of the multimedia LCD display. ※Under the MENU mode, the function work as Left and Right buttons of the adjustment function.
SOURCE	Signal Input Source Selection Press the SOURCE button on the right side of the display to scroll through the following list of inputs: TV/Video/Video S/Component/HDMI/VGA. ※Under the MENU mode, you can use this button for the function of ENTER button.
Earphone Output	This connection port connects earphones (16Ω or 32Ω) for the audio output signal.








1. **POWER**
To turn on the LCD DISPLAY or enter standby mode.
2. **MUTE**
Press to toggle audio on and off. You can also press volume +/- to restore the previous volume level.
3. **FREEZE**
Press to freeze the main screen and press again to restore live viewing.
4. **SLEEP**
Press repeatedly to select one of the available sleep OFF/30/60/90/120 minutes modes.
5. **VOL +/- <VOLUME +/->**
Press to adjust the volume.
6. **CHANNEL ^/▼**
Press to select the channels.
7. **0-9, 100/- NUMBER KEY**
Using the numeric buttons (0 to 9 and 100/-) to select from CH 02 to CH 125. When the channel selected exceeds CH 125, the window will stay on the channel set and won't be switched.
8. **RETURN**
Return to the previous channel.
9. **ENTER**
When entering CH 1 to CH 9, you may just enter number 1 to 9 and wait for a few seconds for auto changing; or you may simply press number 1 to 9 then the ENTER key to switch to the channel directly.
10. **DISPLAY**
Press the INFORMATION button to display the current signal status. Including input source/channel/aspect/audio mode.
11. **C.C.: Close caption**
This allows you to enable the caption function. (This function only applies to the NTSC system used in North America)
12. **<MENU> and Adjustment button ▲▼◀▶ and Back**
This allows you to activate the menu of the multimedia LCD panel. Press again to exit the menu. Use the ▲▼◀▶ button to select the menu item and adjust its setting. Press the '↩' button to return to the last page.

13. Favorite Channels

Select your favorite channels by using .

Add to Favorite Channels by using .

1. Switch to the channel to be set.
2. Press the  button to activate the screen where you can edit your Favorite Channels.
3. Press   keys, 1-9, to select the position to be set (There are 9 positions to be set in total). Press  to add a favorite channel; press  to delete a saved favorite channel.
4. The position will display the channel that you previously set. The position not set will display "0"



14. ASPECT

The ASPECT modes include:
16:9 / Zoom 1 / Zoom 2 / game / 4:3.



15. PICTURE

For advanced picture setup, including Vivid/Sport/Movie/Game/User modes.

16. MTS

The MTS modes include STEREO / MONO / SAP. If no second language is available to be chosen from the received signals, the MONO audio output will apply.

17. TV/VIDEO

For the signal source of main screen.

1. You can use the "TV/VIDEO" button on the remote control to switch the signal source of main screen. The switching sequences of main screen are TV/Video/S Video/Y PbPr/HDMI/PC respectively.
2. The selected signal source will be displayed on upper right of the screen.
3. The special items to the OSD MENU under each display mode can be selected.

18.PG

(This function is only available for models with digital TV function)

19.The function of the button is not available for the model.

NTSC

LCD Display menu How to use the Advanced LCD Display Menu

1. You can use the “**TV/VIDEO**” button on the remote control to select the signal source. Once the signal source is detected, the selected system mode appears in the upper right corner of the screen.
2. After the system mode is selected, press the (MENU) buttons to perform the following functions:



PICTURE

According to the type of TV program you are watching, it provides more picture modes and functions for adjusting color and brightness.



ADVANCED

According to the type of program you are watching, it provides advanced setup for adjusting color and brightness.



AUDIO

Provide more audio selections. You can also set the audio environment of the LCD DISPLAY.



TV(for use with TV mode)

Set up your favorite channels.



● GEOMETRY: for use in PC mode

● Phase Adjust: Both PC and YPbPr component connectors can be used.









SETUP








Enable you to set the OSD language and OSD background.

LCD Display menu How to use the Advanced LCD Display Menu

PICTURE







1. Press the menu selection  button on the remote control to show the main menu.
2. Use the  button to select the main item to be adjusted, "PICTURE".
Press the  button to enter the sub menu.
3. Use the  button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the  button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.








Menu	Descriptions
Contrast	Press  to increase or decrease the picture contrast.
Brightness	Press  to make the picture brighter or darker.
Saturation	Press  to adjust color saturation.
Hue	Press  to change the hue to make it redder or greener.
Sharpness	Press  to make the picture sharper or softer.
Back Light	Press the  button to adjust the brightness of BackLight (the less bright the BackLight, the more energy saved and the longer lifetime).
Reset	Press  to restore all Display parameters to their default settings.

LCD Display menu How to use the Advanced LCD Display Menu

ADVANCE



1. Press the menu selection  button on the remote control to show the main menu.
2. Use the  button to select the main item to be adjusted, "ADVANCE".
Use the  button to move to the sub menu to be adjusted.
3. Use the  button to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the  button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.



Menu	Descriptions
Color Temperature	Press  to adjust the color temperature: Cool/Normal/Warm.
Super Contrast	Press  button to adjust the contrast of picture: Off/low/middle/high. ※ PC (DVI, VGA) model does not support the function. ※ Opening Super Contrast function causing contrast modulates temporary at running high frequency pattern that is normality.
Super Color	Press  buttons to adjust color space: Off/Natural/Vivid/Movie.
GAMMA	Press  button to adjust the gray scale curve on the picture: HDTV/Normal/Game
Dynamic Contrast Improvement	Press  button to enable or disable. For improvement of dynamic contrast. ※ Opening Super Contrast function causing contrast modulates temporary at running high frequency pattern that is normality. ※ Dynamic Contrast: This mode saves 25% of energy in average and increases the lifetime of the lamp.

LCD Display menu How to use the Advanced LCD Display Menu

AUDIO



1. Press the menu selection  button on the remote control to show the main menu.
2. Use the ▲▼ button to select the main item to be adjusted, "AUDIO".
Press the ► button to confirm the main item to be adjusted.
3. Press the ▲▼ button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the ◀▶ button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.



Menu	Descriptions
Balance	Press the ◀▶ buttons to adjust the balance between right and left speakers.
Bass	Press the ◀▶ buttons to increase or decrease the audio bass level.
Treble	Press the ◀▶ buttons to increase or decrease the audio treble level.
SRS TruSurround XT	Press ◀▶ button to control the ON/OFF of the SRS TruSurround XT. (When Surround is switched on, low/high volume function will be disabled.)
Reset	Press ◀▶ to restore all Display parameters to their default settings.

LCD Display menu How to use the Advanced LCD Display Menu

TV (for TV)

1. Press the menu selection  button on the remote control to show the main menu.
2. Press the ▲▼ button to confirm the main item to be adjusted, "TV".
Press the ► button to confirm the main item to be adjusted.
3. Press the ▲▼ button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the ◀▶ button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.









Menu	Descriptions
Channel Scan	In the channel scan menu, press the Enter button to execute the auto channel scan. The auto channel scan must be performed for the first installation.
CATV/AIR	CATV/ AIR Press the ◀▶ button on the remote control to select the TV signal (antenna or cable). AIR: For antenna users, please select this item. CATV: For cable users, please select this item.
Channel Add/Del	Press the ◀▶ button to add or remove channels.







(Only under the TV mode. This product requires an optional LCD TV box to enable the TV function)

LCD Display menu How to use the Advanced LCD Display Menu

GEOMETRY (VGA mode)

1. Press the menu selection  button on the remote control to show the main menu.
2. Use the  button to select the main item to be adjusted, "GEOMETRY".
Press the  button to confirm the main item to be adjusted.
3. Press the  button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the  button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.





Menu	Descriptions
Auto	Press  button to automatically adjust the focus, sharpness, horizontal and vertical positions.
H-Position	Press  button to adjust the screen location horizontally. If the horizontal position is still misplaced after automatic adjustment, you can use this function to fine tune.
V-Position	Press  button to adjust the screen location vertically. If the vertical position is still misplaced after automatic adjustment, you can use this function to fine tune.
Phase	Press  button to manually adjust the focus. If automatic adjustment does not deliver ideal focus, you can use this function to fine tune.
Clock	Press  button to manually adjust the sharpness. If automatic adjustment does not deliver ideal focus and sharpness, you can use this function to fine tune.
Reset	Press  to restore all Display parameters to their default settings.

- ※1 Due to the different characteristics of computer video adapters, sometimes automatic adjustment cannot deliver an optimal clearness. You can use this function to fine tune.
- ※2 With different combinations of wires and audio/video devices, if component high frequency signal pictures are unclear, the phase can be adjusted manually.

LCD Display menu How to use the Advanced LCD Display Menu

SETUP

1. Press the menu selection  button on the remote control to show the main menu.
2. Press the ▲▼ button to confirm the main item to be adjusted, "SETUP".
Press the ► button to confirm the main item to be adjusted.
3. Press the ▲▼ button on the remote control to select the item to be adjusted.
Press the ENTER button to enter the item to be adjusted.
4. Use the ◀▶ button on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.



Menu	Descriptions
Language	Press the ◀▶ buttons to select language.
OSD Background	Press ◀▶ buttons to select OSD background is opaque or transparent.
Noise Reduction	Press ◀▶ button to adjust the classes of the noise removal.
Overscan	Press ◀▶ button to adjust the items of Overscan: Off /small/standard/big. Under HDMI / YpbPr 1080P60Hz and VGA1920x1080@60Hz, the mode of pixel to pixel depends on Overscan. When Overscan is OFF, the Display Standstill and Aspect Ratio functions will be disabled. (When watching TV, the picture's black edge can be adjusted by adjusting the Overscan function.)
Reset	Press ◀▶ to restore all Display parameters to their default settings.

Other Information Troubleshooting

The following table contains the common problems and the solutions to these problems. Please check this list before you contact technicians.

Problems	Reasons	Solutions
No picture	<ol style="list-style-type: none"> 1. Did you connect the power cord? 2. Did you turn on the power? 3. Is the signal cable connected correctly? 4. Is the screen in energy-saving mode? 	<ol style="list-style-type: none"> 1. Connect power cord correctly. 2. Turn on power. 3. Connect signal cable correctly. 4. Press any button on the computer.
Abnormal colors	<ol style="list-style-type: none"> 1. Is the signal cable connected correctly? 	<ol style="list-style-type: none"> 1. Connect signal cable correctly.
Twisted picture	<ol style="list-style-type: none"> 1. Is the signal cable connected correctly? 2. Is signal input over the maximum of frequency range? 	<ol style="list-style-type: none"> 1. Connect signal cable correctly. 2. Please use the signal within the frequency range.
Picture too dark	<ol style="list-style-type: none"> 1. Are brightness and contrast set at the lowest level? 	<ol style="list-style-type: none"> 1. Adjust brightness and contrast.
Audio only, no images	<ol style="list-style-type: none"> 1. Is input signal connected correctly? 2. Is the TV signal too weak? 	<ol style="list-style-type: none"> 1. Please check if input signal is connected correctly. 2. Please check if signal is connected correctly. 3. The TV-RF signal needs to be over 50dB.
Picture only, no audio	<ol style="list-style-type: none"> 1. Is the signal cable connected correctly? 2. Is volume at the minimum level? 3. Is audio signal cable not connected? 4. Is the TV signal too weak? 	<ol style="list-style-type: none"> 1. Connect signal cable correctly. 2. Adjust volume to proper level. 3. Connect audio signal cable correctly. 4. The TV-RF signal needs to be over 50dB.
Cannot use remote control	<ol style="list-style-type: none"> 1. Is the battery dead? 2. Is there any disturbance from static or thunder? 	<ol style="list-style-type: none"> 1. Please change battery. 2. Turn off power for 10 seconds; and then restart power.

The following table contains common problems and solutions to these problems.

Problems	Possible solutions
Can't receive enough channels with the antenna.	<p>Check the cable connection. Make sure it is connected firmly.</p> <p>Please use multi-directional outdoor antenna. (If your TV is subject to the influence of nearby mountains or buildings)</p> <p>Please use the automatic scanning function to increase the number of channels not included in memory.</p>
No colors	Please adjust the color setup.
Blinking picture accompanied by ghost image	<p>Check the connection of antenna/signal cable.</p> <p>Check if channel is in play mode.</p> <p>Press signal source and change input mode.</p>
Broken lines or segments	<p>Adjust antenna</p> <p>Keep the TV away from noise sources: Such as automobiles, neon lights, and hair dryers.</p>
Certain TV channels are blocked (Hope to acquire some channels)	Please use the automatic scanning function to increase the number of channels not included in memory.
Overlapping images or ghost images	Please use multi-directional outdoor antenna. (If your TV is subject to the influence of nearby mountains or buildings)
Cannot use a function	If the item you choose turns gray, that item cannot be selected.

If you have further questions after reading the above descriptions, please contact your distributor.

Display panel	Active Area / Screen Size	930.24 (H) x 523.26 (V) (42.02" diagonal)
	Aspect Ratio	Widescreen 16:9
	Max. of Pixels	1920(H) X 1080(V)
	Lamp Life of Backlight	50,000 hrs (min.)
	Mode	SMVA
	Brightness	500 nits (Typ)
	Contrast Ratio	4000:1 (Typ)
	Response Time	6.5ms (gray to gray average) (Typ)
AV I/O Input	AV Input x 1	S-Video (4 pin Dim)+Audio-R/L (RCA) X1 AV Composite (RCA)
	AV Output x 1	AV Composite (RCA) + Audio-L/R (RCA) X1
	Component Input x 1	YPbPr (RCA) + Audio-R/L (RCA) X1
	HDMI Input x 1	HDMI X1
PC I/O Input	VGA Input X1	RGB (D-sub 15pin)+ PC Audio (3.5mm jack) X1
Compatibility	Audio system	Stereo/Mono/SAP
	PC	<ul style="list-style-type: none"> ●720x400@70Hz ●640x480@60Hz ●800x600@60Hz ●1024x768@60Hz ●1920x1080@60Hz
	HDMI	<ul style="list-style-type: none"> ●1280x720p@60Hz; ●1920x1080i@60Hz ●1920x1080p@24Hz/60Hz ●720x480i / 480p@60Hz
	HDMI↔ DVI	<ul style="list-style-type: none"> ●800x600@60Hz ; 640x480@60Hz ●1024x768@60Hz ●1920x1080@60Hz
	Scanning format	<ul style="list-style-type: none"> ●480i / 480p@60Hz ●720p@60Hz ●1080i@60Hz ●1080p@24 / 60 Hz
Power	Input Voltage	AC100-240V, 3.5A(max.), 50/60Hz
	Operation	<300W
	Standby	<1 W at AC 110V(typical)
Environment	Operating	5 - 35°C (41~95°F) / 10%~90% (no condensation)
	Storage temperature	-20 - 60°C (-4~140°F) / 10%~90% (no condensation)
Other	Built-in speaker	8Ω, 10W, x2 (max.)