

CHIMEI

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LED

USER'S MANUAL

LED多媒體液晶顯示器
使用手冊



24" TL-24L6000T

User's Manual

Multimedia LCD Display

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Important Safety Instructions



Read and comply with all instructions, bear the warnings in mind and keep the manual properly.



Notice
RISK OF ELECTRIC
SHOCK DO NOT OPEN



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



This logo indicates that there is un-insulated “dangerous voltage” inside the product and may incur the risk of electric shock.



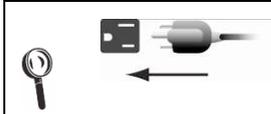
The exclamation point within an equilateral triangle is intended to alert the user to the important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

[Installation and Usage]

-  Install as per the manufacturer's instructions. Only use attachments/accessories specified by the manufacturer.
-  This device shall be mounted on a table or wall in accordance with the installation instructions. Do not place the device on an unstable stand or table as the device may fall and cause injuries.
-  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.
- When transporting the Multimedia LCD Display, be sure to carry it by two people with two hands to avoid falling and damage.
- Keep away from objects that may stab the Multimedia LCD Display to avoid the high-voltage device or the internal parts inside it from getting damaged.
-  Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
-  Do not install Multimedia LCD Display near high-temperature objects or flame sources (such as lighted candles).
-  The apparatus shall not be exposed to dripping or splashing and no objects filled with water, such as vases, shall be placed on the apparatus.
-  NEVER install the Multimedia LCD Display in the bathroom or shower room; otherwise there might be risks of fire or electric shock.
- Do not allow the Multimedia Display to lean tightly against the wall. Ensure appropriate space for heat dissipation to avoid aging of the power cord.
- Please clean the back of the Multimedia Display regularly (once a month is suggested). Avoid the dust and cotton into the machine which may cause damage.

Important Safety Instructions

[Power Supply]



For safety sake, the plug of the Multimedia LCD Display is designed in such a manner that you can plug into a socket in a certain direction; To protect your device from electrical shock, be sure to plug the cord into the socket securely. If you have problems plugging into the socket, please contact your distributor.

1.  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. The apparatus must be connected to a main socket outlet with a protected earthed connection.

2. Check the Multimedia 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.

3.  DO NOT overload power sockets or extension cords. Overloading poses a risk of electric shock or fire. Please purchase optional extension cord that can switch off automatically upon overloading.

4. The power cords shall be checked and cleaned regularly. Check if they are gnawed by pets or rats. If this occurs, change the power cord immediately.

[Ventilation]

1.  The ventilation openings on the back of Multimedia LCD Display are provided for ventilation and heat dissipation and a 10 cm space shall be provided around them. Do not block any vent and keep it clear.
2. DO NOT place the Multimedia LCD Display on beds, sofas or carpet, as this may block the vent.

5.  Prevent the power cord from being pressed or kinked by a foreign object. Do not bundle or roll up the power cord to avoid dissipation interruption. Keep your Multimedia LCD Display away from any place where the power cord is easily scuffed. Use only the correct power cord.

6. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. If there's any flaw, change a new one immediately.

7. In case of thunderstorm or if the device is not used for a long time, remove the power plug to prevent damage of the Multimedia LCD Display due to abnormal surge.

8. DO NOT put the power cord around any apparatus that generates heat. If the protective jacket of the power cord is melted or burnt, there might be risks of fire or electric shock. Do NOT pile inflammable things (like paper) near the power cord.

9. The readily operable appliance coupler will serve as the disconnecting device of this apparatus.

10. When the product is purchased or used in different countries, you should use an appropriate power cord which is compliant with local laws and regulations.

3. DO NOT use the Multimedia LCD Display in enclosed or confined spaces such as a bookshelf, bookcase or LCD Display cabinet.
4. Keep the Multimedia LCD Display from direct sunlight.

Important Safety Instructions

[LCD Display]

1.  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.
2. The LCD Display panel is manufactured using high precision technologies. However, since no manufacture technology that can ensure the LCD Display panel is 100% free from bright spots or shadows is available in the market, we cannot provide guarantee for the LCD Display panel free from bright spots. Your understanding will be appreciated.
3. As this model features a self-protection mechanism, users have to wait about 10 seconds for the screen to appear after power on.
4. This equipment is for entertainment use only. Not recommended for professional image work.

[CATV]

1. 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.
2. You're advised not to use TV signal splitters to avoid inferior signal quality.

Cleaning and Maintenance

[Tips for cleaning the Multimedia LCD Display]

- The LCD screen/enclosure/outer frame are fine products that have undergone special surface treatment and need to be maintained and cleaned regularly. Be sure to read the following instructions carefully before cleaning. Any damage due to improper or wrong cleaning methods is not covered by the warranty.
 - Before cleaning the LCD screen/enclosure/outer frame, remove the AC power from the AC power socket.
1. When wiping the dust off the LCD screen or enclosure, please remove most of the dust with the blower and then wipe the screen softly with the ultra-thin fiber cloth for the LCD Display. If the dust is difficult to remove, wipe with some special neutral cleanser for LCD Display. Please follow the instructions of the cleaning product; moreover, small dust on the wiping cloth may scratch the surface of the screen. Please wash the wiping cloth regularly. Never wipe the LCD screen/enclosure with thick fiber cloth to avoid damages or scratches.
 2. Avoid using any type of alkaline/acidic cleaner, washing powder, toluene, or volatile solvents such as alcohol, gasoline, diluter, or pesticide. Otherwise, the surface of the screen and the enclosure of the Multimedia LCD Display may be damaged.
 3.  When cleaning the LCD screen or enclosure, do not pour or apply large amount of liquid onto the LCD screen directly to avoid unexpected damages to the LCD screen. In case that the screen is stained with water droplets, remove them with a soft cloth immediately.
 4.  As the structure of the LCD screen is delicate, do not press the screen or touch the surface with screwdrivers, pen tips or other sharp objects to avoid breaking the screen.

Repair Service

[Repair]



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

1. If any of following occurs, unplug the Multimedia LCD Display and contact your distributor or qualified service personnel from the original manufacturer to repair the Multimedia LCD Display:
 - 1.1 The power cord or plug is damaged or scuffed.
 - 1.2 Liquid enters the Multimedia LCD Display.
 - 1.3 Multimedia LCD Display is damp or wet.
 - 1.4 The enclosure of the Multimedia LCD Display is damaged.
 - 1.5 Multimedia LCD Display malfunctions.
 - 1.6 Drop from a high place.
 - 1.7 Fume or sparkles occur to cause safety concerns.
2. Refer all servicing to qualified service personnel from the original manufacturer.
3. Do not use parts or components other than those supplied by qualified service personnel of the original manufacturer as they may shorten the life of the product, or result in electrical abnormality which may affect safety.
4. Safety inspection
When there is a need for checking the safety during the use of the Multimedia LCD Display or to repair the display due to faults, please notify the qualified service personnel of the original manufacturer for check and repair services.
5. In case of any fault of the Multimedia LCD Display after the expiration of the warranty period, please notify the qualified service personnel of the original manufacturer for check and repair services.
6. 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.

[History of Use]



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 Multimedia LCD Display without authorization will void the warrant immediately.

1. You can find the serial number and model tag on the back of the Multimedia LCD Display. Please tell your distributor or qualified service personnel the serial number when you contact them.
2. Used or discharged batteries must be properly disposed of or recycled in compliance with all applicable laws. For detailed information, please contact your local solid waste disposal authority.



Please recycle used batteries.

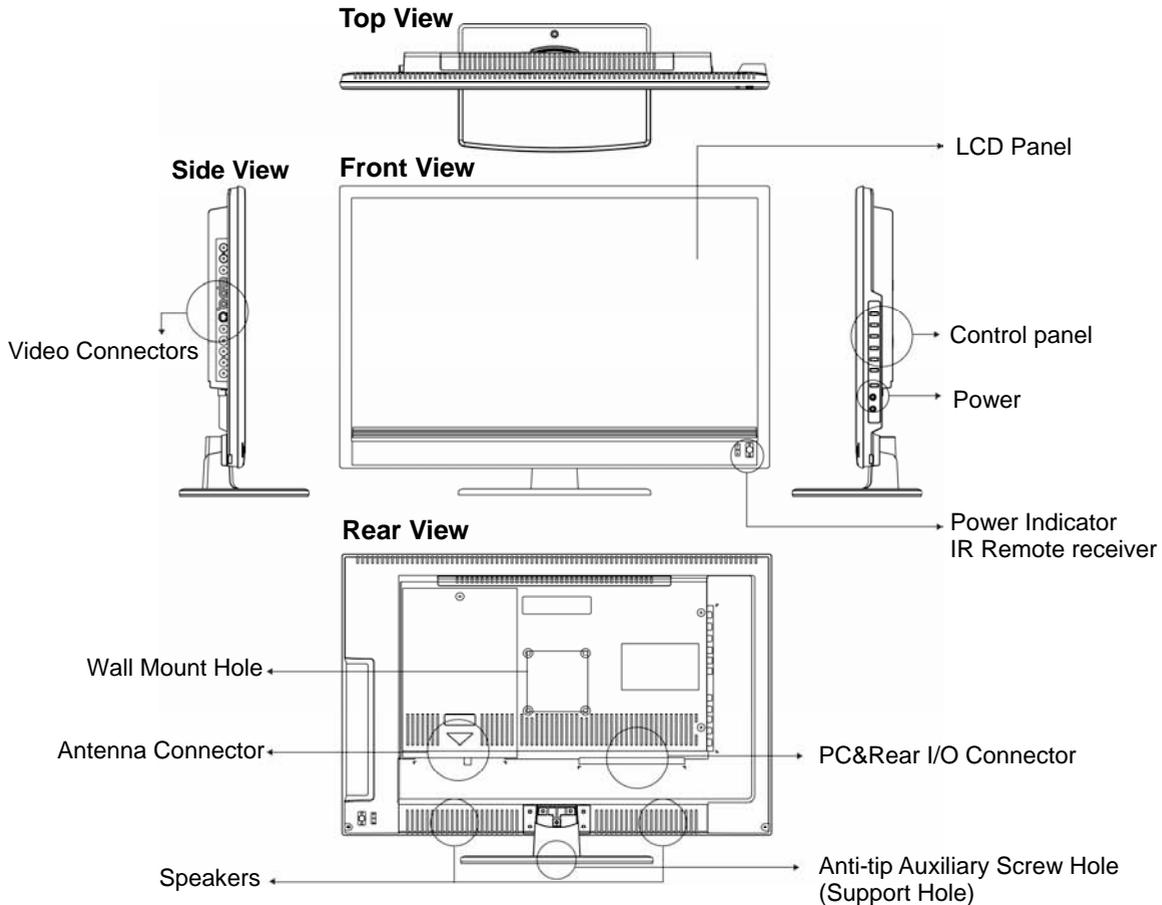
[Disposal of Waste Displays]

In accordance with the requirements of the Environmental Protection Administration, waste displays must be disposed of properly to avoid harmful effects to the environment.

When you want to discard your display, please follow the waste disposal methods:

1. When purchasing a new display, you can have the discarded one recycled by the distributor.
2. You can consult the Recycling Fund Management Board for electronic & electrical items. The service hotline is 0800-085-717.

Descriptions and accessories



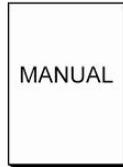
Accessories



1. Remote Control



2. Batteries x 2



3. User Manual



4. Power Adapter

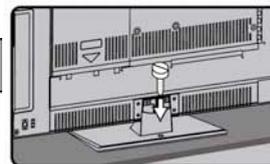


5. Power Cord (For TW SP-301 + IS-14 VCTF 1.25/3C)

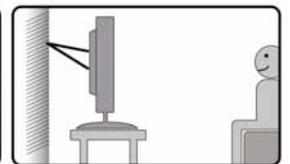
Anti-tip Precaution

※ **In order to prevent this equipment from falling over in case of unexpected natural disasters or serious accidents, you are advised to use the anti-tip auxiliary screw holes for secure fixation.**

1. Before your operation, screw installation must be done on a stable table (recommended size: T4 x 12) (Fig. 1).
2. In the event of failure to fasten the screws on the table, please use another two bolts (recommended size: M4 x 16) and fasten them on the wall mount hole, then fix the LCD Display to the wall (Fig. 2) with a wire for safety.



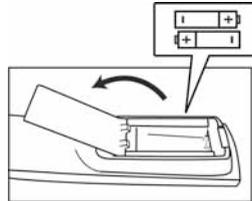
(Fig. 1)



(Fig. 2)

Installation of batteries

1. Insert two AAA batteries into the remote control. Make sure positive electrode and negative electrode 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 to avoid the damage caused by liquid leaks.

Use the remote control carefully. Please do not drop the remote control on the ground. Avoid humidity, direct sunlight and heat.

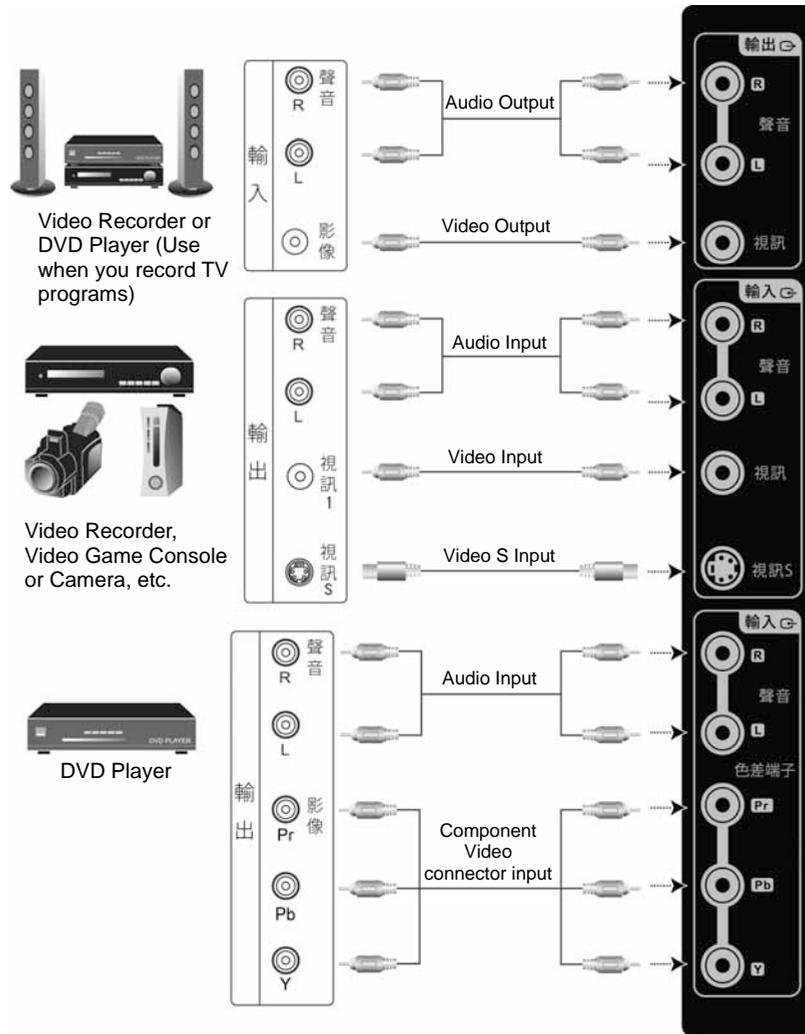
Bottom I/O Connectors



| Port (Input) | Functions |
|--------------|--|
| HDMI | High Definition Multimedia Interface (HDMI): This port accepts devices with high definition video/audio signal-HDMI terminal output. This connection port supports HDTV video signals or PC-DVI signals. ※ The DVI signals come through HDMI input, the DVI connection wire for HDMI shall be used, and the sound connection shares the VGA-sound input terminal. |
| VGA terminal | VGA terminal and Audio Input: Can be connected to devices with VGA (RGB analog signals) terminals and sound output, for instance, computers and other devices. ※ The sound input terminal is shared by VGA/DVI (HDMI) and the terminal is 3.5 mm jack. |

※ For details about the supportive signals, please refer to the specification pages of this User Manual.

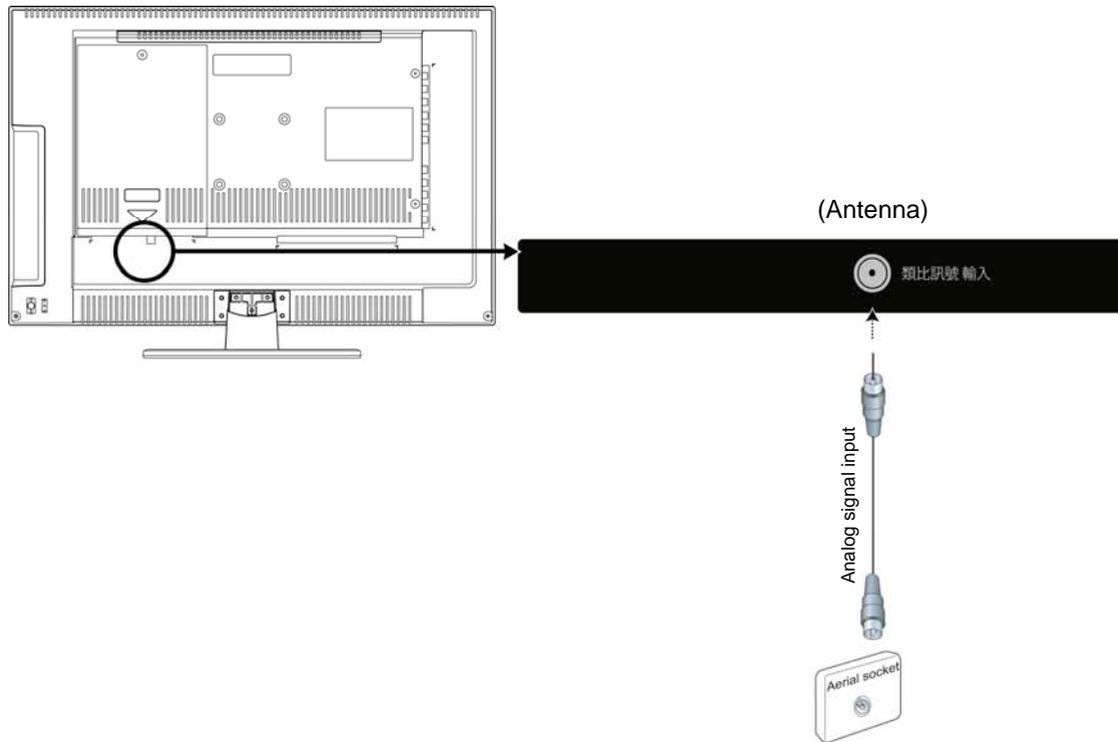
Video & Antenna Connectors



| Port (Output) | Functions |
|-----------------|---|
| Video | Can be connected to amplifier or video recording device with image (AV) and sound input terminals. ※Image output is limited to: Video (AV/S signal), TV signal. Other signal sources can output their sound only. ※Sound output is not limited by the sound volume of the LCD. |
| Port (Input) | Functions |
| Video 1/Video S | AV image terminal/SV image terminal and sound terminal: Connects to devices with the AV terminal (composite signal) and audio R (right)/L (left) output. Connects to devices with composite S-Video (Y/C) terminal and audio R (right)/L (left) output. |
| Component | Component Video Connector and sound terminal: Connects to devices with Component Video connector (YPbPr) and audio R (right)/L (left) output. |

※For details about the supportive signals, please refer to the specification pages of this User Manual.

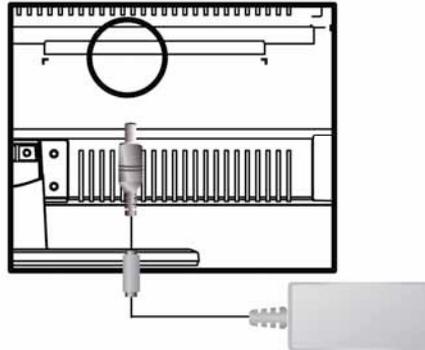
Antenna Connectors



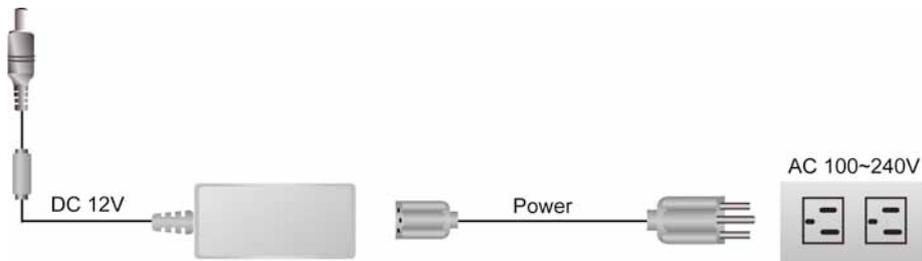
| Port | Functions |
|---------------------|---------------------------------|
| Analog signal input | Connected to analog TV antenna. |

Turn ON the Multimedia LCD Display

1. 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.



2. Press the power button (I) at the back of the Multimedia LCD Display to turn on the power and press the other end to turn off the power.

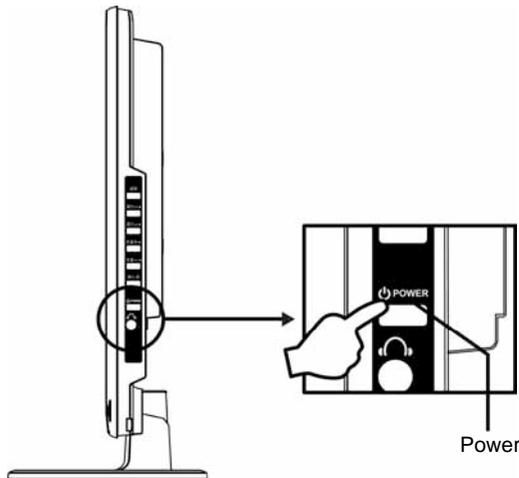


AC 100 ~ 240V

Note (1) Power outlets differ from region to region.

- (2) Please identify \ominus \oplus before using the plug of the adapter to avoid causing damage to the machine.

3. Press the POWER button on the front lower right of the TV to turn on or off Multimedia LCD Display.

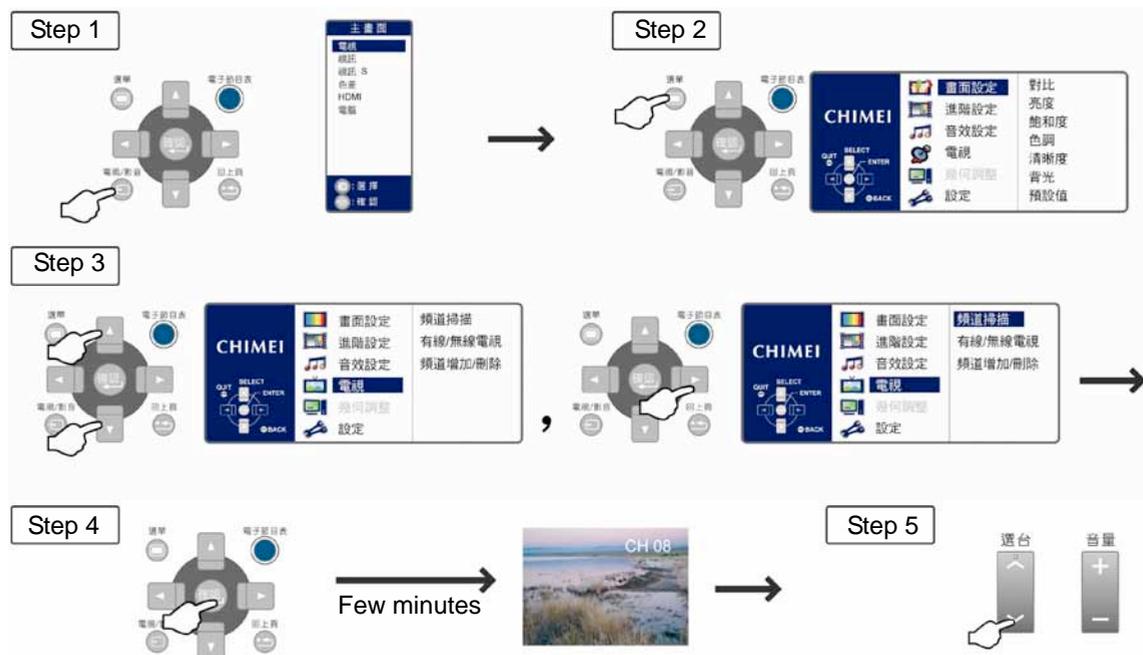


- When the power is ON, the LED indicator will turn green.
- When the power is OFF, the Multimedia LCD display will enter STANDBY mode, and the LED indicator will turn amber or red. (Depending on the models)

Channel Scan (Analog TV)

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 “TV/Visual-Audio” button on the remote control or the “Input Source” button on the control panel of the Multimedia LCD Display to select the TV mode.
2. Press the “Menu” button  to open the OSD (On Screen Display) screen.
3. Press the   button to select “TV”. Then press the  button to move to the “Channel Scan” option.
4. Press the ENTER button to start auto channel scan. (During the auto channel scan, it will take a few minutes to scan available channels)
5. After the auto channel scan is completed, you may start watching TV. Press the “CH”   button on the remote control to select a channel.

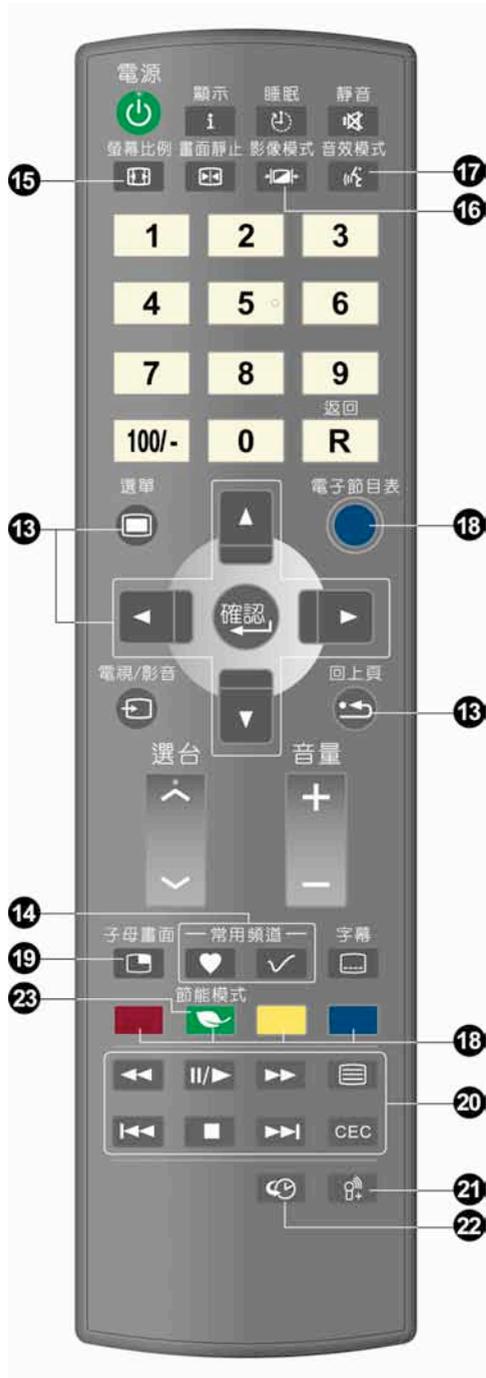




| Button | Functions |
|---|---|
| MENU | Adjustment Menu Press the MENU button on the LCD panel to show the menu to adjust the settings of the Multimedia LCD Display. To show the screen control window of the Multimedia LCD Display, please press the MENU button. Press the Adjust ▲▼◀▶ buttons to adjust the content of each quick menu item. |
| CH ▲/▼ (FUNCTION ▲/▼) | Channel Selection (Only under the TV mode) Use the CHANNEL ▲/▼ button on 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 works as Up and Down buttons of the selection function. |
| VOL + / - (ADJUST ◀ / ▶) | Volume Adjustment Use the VOLUME + / - button to adjust the volume of the Multimedia LCD Display. ※ Under the MENU mode, the function works as Left and Right buttons of the adjustment function. |
| SOURCE | Signal Input Source Selection Press the SOURCE button on the top of the LCD Display or the  button on the remote control to select one of the following modes in order of: TV/Video/Video S/Component/HDMI Computer Mode. ※ Under the MENU mode, you can use this button for the function of ENTER button. |
| POWER  | Power on/off the TV. |
| Earphone Output | This connection port connects to earphones (16 Ω or 32 Ω) for the audio output signal. Once the earphone is connected, the speaker of the Multimedia LCD Display will stop sound output. |



1. **POWER**
Turn on the Multimedia 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 ^ v**
Press to select the channels.
7. **0 ~ 9, 100/- Numeric 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 DISPLAY button to display the current mode. 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. **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/YPbPr/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.



13.<MENU> and Adjustment button ▲▼◀▶ and Back

This allows you to activate the menu of the Multimedia LCD Display. 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.

14. Favorite Channels

To display the “Favorite Channels” in order of your previous setup.

Favorite channel editing button

For adding, deleting, or changing channels

* Refer to Page 16 for more information about operation.

15. ASPECT

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



16. PICTURE

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

17. 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.

18. EPG

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

19.PIP (Picture in picture)

Display PIP Function Menu.
(Only for PIP function supported devices)
Not available for this model.

20.CEC <Consumer Electronics Control>

Linked with a CEC function supported device to take control for operation.
(Only for CEC function supported devices)

21. Reserved

22. Time-Shift

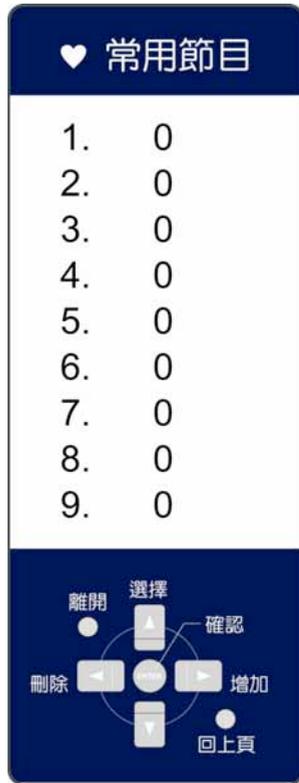
To record real-time while watching the TV.
(Only for Time-shift function supported devices)

23. Energy Saving Mode

Power Saving function. The screen brightness will decrease dramatically on this mode. It includes:
On/Off.
(Only for energy-saving function supported devices)

Favorite Channels (Only under the Analog TV mode):

Press the favorite channel editing button  on the remote control and open the favorite channel list:



Remote Control

The operating method is as follows:

Add a Channel:

1. Select the TV channel to be added first.
2. Press the "Favorite Channels" editing button  on the remote control and the screen will display the favorite channel list (as shown in the figure above).
3. Press the   buttons on the remote control and move to the position to be remembered.
4. Press the  button to finish favorite channel adding.
5. The position will display the channel that you previously set. The position not set will display "0".

Remove a Channel:

1. Press the "Favorite Channels" editing button  on the remote control and the screen will display the favorite channel list (as shown in the figure above).
2. Press the   buttons on the remote control and move to the position to be removed.
3. Press the  button to finish favorite channel removing.

Watch Favorite Channels:

1. Press the "Favorite Channel" button  on the remote control to watch all the channels (9 channels) in the favorite channel list in sequence (cycle).

LCD Display Menu 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 will appear in the upper right corner of the screen.

2. After the system mode is selected, press the MENU button 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.



ADVANCE

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 Multimedia LCD Display.



TV (for use under TV mode)

Set up your favorite channels.



GEOMETRY: For use under PC mode.



SETUP

Set the screen display language, menu background and other functions.

PICTURE

1. Press the menu  button on the remote control to show the main menu.
2. Use the ▲▼ buttons to select the main item to be adjusted, "PICTURE".
Use the ► button to move to the sub item to be adjusted.
3. Use the ▲▼ buttons 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 ◀▶ buttons on the remote control to adjust the value of the item.
5. Press the menu button  to exit the screen.



| Menu | Descriptions |
|------------|--|
| Contrast | Press the ◀▶ buttons to increase or decrease the picture contrast. |
| Brightness | Press the ◀▶ buttons to make the picture brighter or darker. |
| Saturation | Press the ◀▶ buttons to adjust color saturation. |
| Hue | Press the ◀▶ buttons to change the hue to make it redder or greener. |
| Sharpness | Press the ◀▶ buttons to make the picture sharper or softer. |
| BackLight | Press the ◀▶ buttons to adjust the brightness of BackLight. (The less bright the BackLight, the more energy saved and the longer lifetime) |
| Reset | Press the ◀▶ buttons to restore all parameters of this menu to default settings. |

ADVANCE

1. Press the menu  button on the remote control to show the main menu.
2. Use the ▲▼ buttons to select the main item to be adjusted, "ADVANCE".
Use the ► button to move to the sub menu to be adjusted.
3. Use the ▲▼ buttons 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 ◀▶ buttons 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 the ◀▶ buttons to adjust the color temperature: Cool/Normal/Warm. |
| Super Contrast | Press the ◀▶ buttons to adjust the contrast of picture: Off/Low/Middle/High. ※ PC (DVI, VGA) model does not support the function. ※ Opening Super Contrast function may cause slight brightness modulation temporarily at running high frequency pattern. It is a normal phenomenon. |
| Super Color | Press the ◀▶ buttons to adjust color tone: Off/Natural/Vivid/Movie. |
| Gamma | Press the ◀▶ buttons to adjust the gray scale curve on the picture: HDTV/Normal/Game. |
| Dynamic Contrast | Press the ◀▶ button to select OFF or ON. For improvement of dynamic contrast. ※ Opening Super Contrast function may cause slight brightness modulation temporarily at running high frequency pattern. It is a normal phenomenon. ※ Dynamic Contrast: This mode saves 25% of energy in average and increases the lifetime of the lamp. |

AUDIO

1. Press the menu  button on the remote control to show the main menu.
2. Use the ▲▼ buttons to select the main item to be adjusted, "AUDIO".
Use the ► button to confirm the main item to be adjusted.
3. Use the ▲▼ buttons 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 ◀▶ buttons 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 left and right speakers. |
| Bass | Press the ◀▶ buttons to adjust the audio bass level. |
| Treble | Press the ◀▶ buttons to adjust the audio treble level. |
| SRS TruSurround XT (Surround Mode) | Press the ◀▶ buttons to adjust the SRS TruSurround XT: ON/OFF. (When SRS is on, the bass/treble adjustment function will be disabled) |
| Reset | Press the ◀▶ buttons to restore all parameters of this menu to default settings. |

TV (for TV Mode)

1. Press the menu  button on the remote control to show the main menu.
2. Use the ▲▼ buttons to select the main item to be adjusted, "TV".
Use the ► button to confirm the main item to be adjusted.
3. Use the ▲▼ buttons 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 ◀▶ buttons 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 option, 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 ◀▶ buttons 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 ◀▶ buttons to add or remove channels. |

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

GEOMETRY (VGA mode)

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



| Menu | Descriptions |
|------------|--|
| Auto | Press the ◀▶ buttons to automatically adjust the focus, sharpness, horizontal and vertical positions. |
| H Position | Press the ◀▶ buttons 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 the ▲▼ buttons 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 the ◀▶ buttons to manually adjust the focus. If automatic adjustment does not deliver ideal focus, you can use this function to fine tune. |
| Clock | Press the ◀▶ buttons 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 the ◀▶ buttons to restore all parameters of this menu to default settings. |

※ 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.

※ With different combinations of wires and audio/video devices, if component high frequency signal pictures are unclear, the phase can be adjusted manually.

SETUP

1. Press the menu  button on the remote control to show the main menu.
2. Use the ▲▼ buttons to select the main item to be adjusted, "SETUP".
Use the ► button to confirm the main item to be adjusted.
3. Use the ▲▼ buttons 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 ◀▶ buttons 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: English/Traditional Chinese. |
| OSD Background | Press the ◀▶ buttons to adjust the OSD background: Opaque/Half-transparent. |
| Noise Reduction | Press the ◀▶ buttons to adjust the level of the noise removal. |
| OverScan | Press the ◀▶ buttons to adjust the scope of Overscan: Off/Small/Standard/Big. Under HDMI/YpbPr 1080P 60 Hz and VGA 1920 x 1080@60 Hz, the mode of pixel depends on Overscan. When Overscan is OFF, the Display Standstill and Aspect Ratio functions will be disabled. (When watching TV, you can adjust the picture's black edge by adjusting the Overscan function.) |
| Reset | Press the ◀▶ buttons to restore all parameters of this menu to default settings: No/Yes. |

Other Information Troubleshooting

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

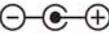
The following table contains the common problems and the solutions to these problems. Please check this list before you contact technicians.

| 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 50 dB. |
| 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 50 dB. |
| 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 the power and wait for 10 seconds; and then restart the 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 local distributor's "Customer Service Centre".

| | | |
|---------------------------|------------------------------|---|
| Display panel | Active Area/Screen Size | 521.28 (H) x 293.22 (V) (23.6" diagonal) |
| | Aspect Ratio | Widescreen 16:9 |
| | Max. of Pixels | 1920 (H) x 1080(V) |
| Side I/O Input and output | AV/SV Input x1 | S-Video (4 pin Dim) + Audio-R/L (RCA) x 1 AV Composite (RCA) |
| | AV Output x1 | AV Composite (RCA) + Audio-R/L (RCA) x1 |
| | Component Input x 1 | YPbPr (RCA) + Audio-R/L (RCA) x1 |
| PC I/O Input | VGA Input x 1 | RGB (D-sub 15 pin) + PC Audio (3.5 mm jack) x 1 |
| Back I/O Input | HDMI Input x 1 | HDMI x1 |
| Compatibility | Audio system | Audio system: Stereo/Mono/SAP |
| | PC Support Timing VGA/DVI | <ul style="list-style-type: none"> ●720x400@70Hz ●640x480@60Hz ●800x600@60Hz ●1024x768@60Hz ●1920x1080@60Hz (native) |
| | HDMI Scanning format (Video) | <ul style="list-style-type: none"> ●1280x720p@60Hz ●1920x1080i@60Hz ●1080@24Hz/60Hz ●720x480i/480p@60Hz |
| | HDMI ↔ DVI (PC) | <ul style="list-style-type: none"> ●800x600@60Hz ●640x480@60Hz ●1024x768@60Hz ●1920x1080@60Hz |
| | Scanning format (YPbPr) | <ul style="list-style-type: none"> ●480i/480p@60Hz ●720p@60Hz ●1080i@60Hz ●1080p@24Hz /60Hz |
| Power | Input Voltage | 12V DC, 3A  |
| | Operation | < 36W |
| Energy Saving | Power On | < 36W |
| 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 | 8 Ω, 3W (max.) x 2 |

*This product requires an optional LCD TV box to enable the TV function.