PROSCAN®

LCD TV



USER'S MANUAL

Model: 40LD45QC

UM No.: RN0340H2000

FCC NOTICE

Class B digital device

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 the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING AND CAUTION

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

APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT

INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO

QUALIFIED PERSONNEL ONLY.

WARNING: THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES SHALL BE PLACED ON THE APPARATUS.



CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT IN OUTLET.

CAUTION: THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT PERFORM ANY SERVICING ACTIVITIES, BUT CALL QUALIFIED ELECTRICIAN PERSONNEL.

CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED, REPLACE ONLY WITH THE SAME OF EQUIVALENT TYPE.



CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer Servicing to qualified service personnel.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could avoid the users' authority to operate this equipment.

CAUTION: The TV shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV.

CAUTION: Do Not Place This TV on an unstable cart. stand, or table. The TV may fall, causing serious injury to a child or adult, and serious damage to the TV. Use only with a cart or stand recommended by the manufacturer, or sold with the TV.

CAUTION: Installation on concrete wall has passed UL safety test.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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



WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT **EXPOSE THIS APPLIANCE** TO RAIN OR MOISTURE.

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.

Do not use this TV near water. For example, do not use near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool, and the like. The TV set shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV set.

6. CLEAN ONLY WITH DRY CLOTH.

Unplug the TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

7. DO NOT BLOCK ANY VENTILATION OPENINGS.
INSTALL IN ACCORDANCE WITH THE
MANUFACTURER'S INSTRUCTIONS.

Slots and openings in the cabinet back or bottom are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface. This TV should never be placed near or over a radiator or heat resource. This TV should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

- 8. DO NOT INSTALL NEAR ANY HEAT SOURCES SUCH AS RADIATORS, HEAT REGISTERS, STOVES, OR OTHER APPARATUS (INCLUDE AMPLIFIERS) THAT PRODUCE HEAT.
- 9. DO NOT DEFEAT THE PURPOSE OF THE POLARIZED OR GROUNDING-TYPE PLUG. A POLARIZED PLUG HAS TWO BLADES WITH ONE WIDER THAN THE OTHER. A GROUNDING TYPE PLUG HAS TWO BLADES AND A THIRD GROUNDING PRONG. THE WIDE BLADE OR THE THIRD PRONG IS PROVIDED FOR YOUR 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 CART, STAND, TRIPOD, BRACKET, OR TABLE SPECIFIED BY THE MANUFACTURER, OR SOLD WITH THE APPARATUS. WHEN A CART IS USED, USE CAUTION WHEN MOVING THE CART/ APPARATUS COMBINATION TO AVOID INJURY FROM TIP-OVER.

Do not place this TV on an unstable cart, stand, tripod, bracket, or table. The TV may fall, causing serious injury to someone, and serious damage to the appliance. A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.

13. UNPLUG THIS APPARATUS DURING LIGHTNING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.

For added Protection for this TV receiver during a lightning storm, or when it is left unattended and unused for long period of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to Lightning and power line surges.

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.

Note: All figures in the manual are for reference only, please refer to the actual units to determine their appearance.

CLEANING AND MAINTENANCE

The front of the display panel has been specially treated. Wipe the panel surface gently using only a cleaning cloth or a soft, lint-free cloth.

If the surface is particularly dirty, soak a soft, lint-free cloth in a weak detergent solution and then remove excess liquid. Use this cloth to wipe the surface of the display panel, and then wipe it with a dry cloth,

of the same type, until the surface is dry.

Do not scratch or hit the surface of the panel with fingernails or other hard objects. Furthermore, avoid contact with volatile substances such as insect sprays, solvents and thinner; otherwise, the quality of the surface may be adversely affected.

DEAR PROSCAN CUSTOMER

Welcome to the bright and vivid world of Proscan TV set. We hope that you will have many years of enjoyment from your new select.

To obtain maximum benefit from your set. Please read this manual before making any adjustments and retain them together with purchase receipt for future reference.

Please read all the safety and operating instructions carefully before begin.

Product Registration

Please fill out the product registration card and return it immediately. Returning the card allows us to contact you if needed. Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the television.

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Toll free call center 1-888-977-6722 (888-9PROSCAN) www.proscanus.com

Table of contents

TABLE OF CONTENTS

FCC NOTICE	1
WARNING AND CAUTION	1
IMPORTANT SAFETY INSTRUCTIONS	3
CLEANING AND MAINTENANCE	4
DEAR PROSCAN CUSTOMER	4
SAFETY PRECAUTIONS	6
TV STAND INSTALLATION	8
Preparation for using your new TV	9
FRONT PANEL	9
REAR PANEL	10
CONNECTIONS AND EXTERNAL INPUT SETTINGS	11
Using the Remote control	12
LEARNING ABOUT REMOTE CONTROL	12
REMOTE CONTROL INSTRUCTIONS	13
Basic operation	14
TURNING ON AND OFF THE TV	14
INITIAL SETUP	14
CHOOSING TV CHANNEL	14
VOLUME ADJUSTMENT	15
SELECTING INPUT SOURCE	15
Setup menu operation	16
ADJUST THE OSD SCREEN	16
PICTURE MENU OPTIONS	17
SOUND MENU OPTIONS	19
CHANNELS MENU OPTIONS	21
SETTINGS MENU OPTIONS	23
VGA MENU OPTIONS	30
APPENDIX	32
Troubleshooting	32
Removing TV Stand	35
Wall Mounting Unit Specification	36
Safety Precautions	37
Universal Remote Control Code List	37
TV Specification	38

SAFETY PRECAUTIONS

WARNING

KEEP UNNEEDED SMALL PARTS AND OTHER OBJECTS OUT OF THE REACH OF SMALL CHILDREN. THESE OBJECTS CAN BE ACCIDENTALLY SWALLOWED. ALSO, BE CAREFUL ABOUT PACKAGING MATERIALS AND PLASTIC SHEETS.

Set up

Do not place the TV set on sloped or unstable surfaces.

Do not place any objects on top of the TV set. If water spills onto the TV set or foreign objects get inside it, short-circuiting may occur which could result in fire or electric shock. If any foreign objects get inside the TV set, please consult an Authorized Service Center.

Do not cover the ventilation holes. Doing so may cause the TV set overheated and can cause fire or damage to the TV set.

Avoid installing this product near electronic equipment that is readily affected by electromagnetic waves.

It may cause interference in image, sound, etc. In particular, keep video equipment away from this product.

AC Power Supply Cord

Securely insert the power cord plug as far as it will go. If the plug is not fully inserted, heat may be generated which could cause fire. If the plug is damaged or the wall socket plate is loose, they should not be used.

Do not handle the power cord plug with wet hands. Doing so may cause electric shocks.

Do not do anything that might damage the power cable. When disconnecting the power cable, hold the plug, not the cable.

Do not make any modifications to, place heavy objects on, place near hot objects, heat, bend, twist or forcefully pull the power cable. Doing so may cause damage to the power cable which can cause fire or electric shock. If damage to the cable is suspected, have it repaired at an Authorized Service Center.

If the TV set will not be used for a long period of time, unplug the power cord from the wall outlet.

If Problems Occur During Use

If a problem occurs (such as no picture or no sound), or if smoke or an abnormal odor is detected from the TV set, unplug the power cord immediately. Continued use of the TV under these conditions might cause fire or permanent damage to the unit. Have the TV evaluated at an Authorized Service Center. Service to the TV by any unauthorized personnel is strongly discouraged due to its high voltage dangerous nature. If water or foreign objects get inside the TV set, if the TV set is dropped, or if the cabinet becomes damaged, disconnect the power cord plug immediately. Contact an Authorized Service Center for any repairs that need to be made.

Safety Precautions

When using the TV set

Do not bring your hands, face or objects close to the ventilation holes of the TV set. Top of the TV set is usually very hot due to the high temperature of exhaust air being released through the Ventilation holes. Burns or personal injuries can happen if any body parts are brought too close. Placing any object near the top of the TV could also result in heat damage to the object as well as to the TV if its ventilation holes are blocked.

Be sure to disconnect all cables before moving the TV set. Moving the TV with its cables attached might damage the cables which, in turn, can cause fire or electric shock.

Disconnect the power plug from the wall outlet as a safety precaution before carrying out any cleaning. electric shocks can result if this is not done.

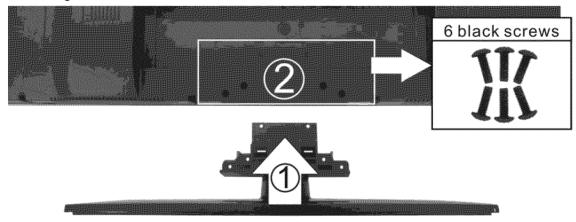
Clean the power cable regularly to prevent it from becoming dusty. Built-up dust on the power cord plug can increase humidity which might damage the insulation and cause fire. Unplug the cord from the wall outlet and clean it with a dry cloth.

This TV set radiates infrared rays; therefore, it may affect other infrared communication equipment. Install your infrared sensor in a place away from direct or reflected light from your TV set.

TV STAND INSTALLATION

Place the TV faced down on a soft cloth or cushion to protect the LCD panel from damage.

- 1. Put the stand body into the stand base in cabinet.
- 2. Insert the 6 black screws (which are completely the same) into TV holes tighten.



Selecting a location for the TV

- 1. Place the TV on the floor or on a sturdy platform in a location where light does not directly hit the screen.
- 2. Place the TV far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating, which may damage the TV.

Wall Mounting

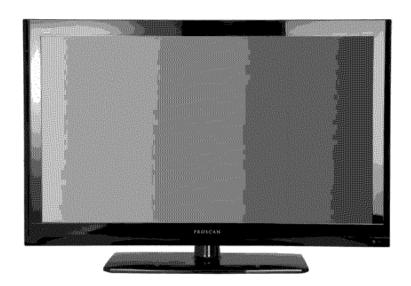
Please refer to the page 36 and contact a local dealer or professional for wall mounting

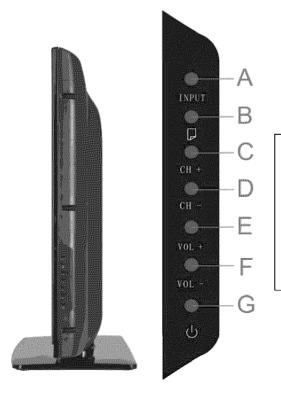
Preparation for using your new TV – Front Panel

FRONT PANEL

Familiarizing Yourself with the Main Hardware

(The picture of the product may vary depending on the model)





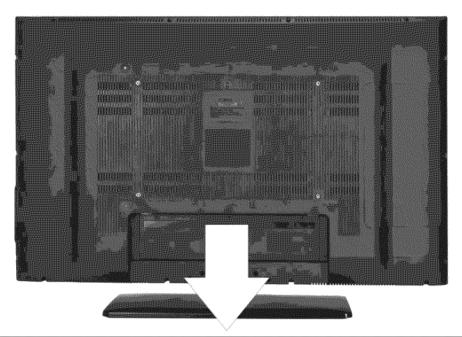
- A. Select signal input.
- B. Main Menu display and menu selection
- C. Channel up
- D. Channel down
- E. Volume up
- F. Volume down
- G. ON/OFF button

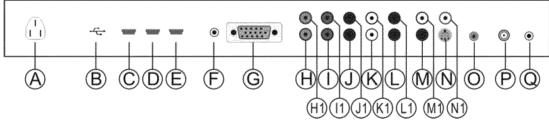
Preparation for using your new TV – Rear Panel

REAR PANEL

Rear panel

(The picture of the product may vary depending on the model)





HDMI Input

Input1: C

- Input2: D

- Input3: E

Component Input 1

Video: H, I, J

- Audio: K, L

Component Input 2

Video: H1, I1, J1

- Audio: K1, L1

AV Input

Video: N1

- Audio: M, M1

S-Video Input

- Video: N

- Audio: M, M1

VGA Input

- Video: G

- Audio: F (3.5mm plug)

AUDIO Output

- Headphone: Q (3.5mm plug)

- COAX Digital Out: O

OTHERS

- Power Input: A

- External Antenna: P

- Service Jack: B

(Do not insert any device)

Preparation for using your new TV - Connections

CONNECTIONS AND EXTERNAL INPUT SETTINGS

1. Checking Items before Connecting

Please check the list below before connecting the product to other devices.

< Check items before connecting >

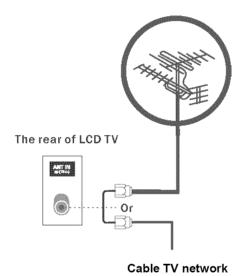
Check the instruction manual when connecting external devices. External products sometimes have different buttons and locations.

- A. Do not connect the power unless every connection is well connected. The product may be damaged if turned on while still in the process of being connected.
- B. Connect the left (white) and right (red) cables correctly to the sound cable.
- C. Check the terminals to connect the product to on the rear panel.

2. Connecting an Antenna

There are internal and external types of antenna.

< Connecting an Antenna >



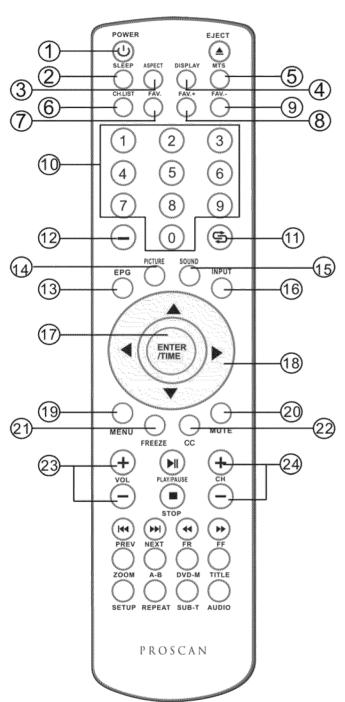
- A. Use a coaxial cable to connect the rear panel of the TV's [AIR] or [CABLE] terminals and the wall mount or external antenna.
- B. When an Air signal is required, connect to the [AIR] terminal. If a Cable signal is required, connect to the [CABLE] terminal. If both Air and Cable are available, and then connect both [AIR] and [CABLE] terminals.
- C. Connect the TV power cord when connecting everything else.

CAUTION

Avoid bending the copper tip at the center of the coaxial cable.

Using the remote control – Learning about remote control

LEARNING ABOUT REMOTE CONTROL



Note: The remote control may differ from the above picture.

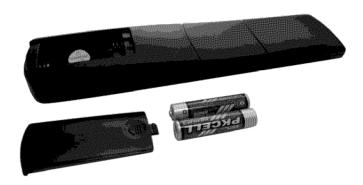
- 1. POWER: Power on/off.
- 2. SLEEP: Press to select a preset time interval to automatically shut the TV.
- 3. ASPECT: Press to adjust the screen size.
- 4. DISPLAY: Press to Check your current mode.
- MTS: Press to select your favorite language in digital broadcasting.
- 6. CH.LIST: Press to display the channel list.
- FAV.: Add/delete the current channel to your favorite channel.
- 8. FAV.+: Press to view the next favorite channel.
- FAV.-: Press to view the previous favorite channel.
- 10. Numeric Buttons: Press to change the channel directly using the numeric buttons.
- 11. RECALL: Press to switch between the current channel and the last channel.
- 12. -: When selecting a digital broadcast channel, press the number, followed by "-" button, followed by sub channel number.
- 13. EPG: One of signal channel EPG or Multi channel EPG.
- PICTURE: Press to change to a preset picture mode.
- SOUND: Press to change to a preset sound mode.
- INPUT: Press to Display a menu of all available input sources, Also used to confirm your choice in the on-screen menu.
- ENTER/TIME: Enter and confirm button, or press to display / hide time on screen (see page 27).
- UP/DOWN LEFT/RIGHT: The direction keys.
 Also used to adjust channel (UP/DOWN) and volume (LEFT/RIGHT).
- 19. MENU: Press to display main menu.
- 20. MUTE: Press to temporarily switch the sound off.
- 21. FREEZE: Press to freeze the current picture.
- 22. CC: Press to select closed caption.
- 23. VOL+/-: Volume control buttons.
- 24. CH+/-: Channel control buttons.

Using the remote control – Remote control instructions

REMOTE CONTROL INSTRUCTIONS

Inserting the batteries into the remote control

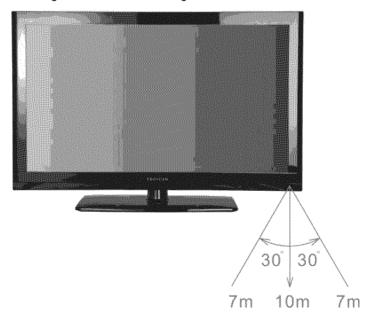
- 1. Open the cover of battery cabin on the back of the remote control.
- 2. Insert two AAA 1.5V batteries, ensuring the correct polarity (+/-).
- 3. Close the cover.



- If the remote control is not working, see the checkpoints below.
- Are the polarities of the batteries (+, -) correct?
- Are the batteries worn out?
- Is there an AC power failure?
- Is the power cable plugged in?
- Is any special fluorescent or neon sign board turned on?

Remote Control Reception Angle

Use the Remote control within a range of $7\sim10\text{m}$ and at an angle of 30° to either side of the receiver.



CAUTION

- Used batteries should be recycled.
- Kept out of children's reach.
- Do NOT use new and old batteries together.
- Change both batteries at the same time.
- When not using the remote control over a long time, remove the batteries from the unit.

Basic operation – Turning on and off the TV

TURNING ON AND OFF THE TV

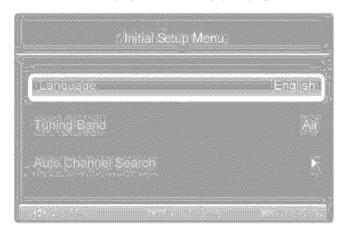
TURN ON LCD TV

- 1. Connect the AC input cable to power to the LCD TV. At this time the TV will enter standby mode and indicator show red.
- 2. User **POWER** button or button on the remote control.
- 3. Wait 5 second after switching off LCD TV then you can turn on LCD TV again.

INITIAL SETUP

NOTE: When turn on TV first time, or clear channel list function, please do the initial setup. The initial setup menu will display in the two conditions below:

- A. The TV is turned on first time.
- B. After clearing channel map, the TV will shut down automatically. When user turns on again, the initial set up menu will display automatically (see page 26, instruction of Clear Channel List function).



Language

Press ▲ / ▼ button to select it and then use ENTER / ▶ to adjust the OSD language.

Tuning Band

Select tuning band: Air, Cable.

Auto Channel Search

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to enter the Auto Channel Search program.

CHOOSING TV CHANNEL

- 1. Using the CH + / CH on the top panel or on the remote control.
 - Press CH + to increase channel number.
 - Press CH to decrease channel number.
 - When no OSD menu is used, the arrow keys ▲ / ▼ can also work as CH + / CH buttons.
- 2. Using 0-9 digital buttons and button.

You can select the channel number by pressing 0 to 9.

Basic operation - Selecting input source

3. For example:

IN ANALOG SIGNAL:

To select channel (e.g. Channel 22): Press 2 -> 2 -> ENTER, It will jump to 22-0 directly.

IN DIGITAL SIGNAL:

To select digit channel (e.g. Channel 22-1): Press 2 -> 2 -> - > 1 -> ENTER, the program will appear immediately.

NOTE: Sub channel number of analog channel is always zero. But when you in the digital signal, if you enter physical channel number and not end with "ENTER", channel selection will be made if there is no operation within a few seconds.

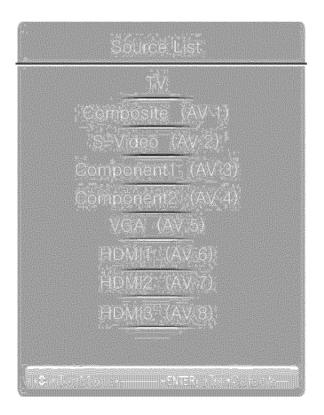
VOLUME ADJUSTMENT

- 1. Press VOL+/- to adjust the volume.
- 2. If you want to switch the sound **OFF**, press the **MUTE**.
- 3. You can cancel the mute function by pressing MUTE or VOL+/-.
- 4. When OSD menu is not used, the arrow keys ◀. / ▶ can also work as **VOL / VOL +** buttons.

SELECTING INPUT SOURCE

Press the INPUT button to select TV, AV, S-Video, Component, VGA, HDMI inputs. Use the ▲ / ▼ to move the cursor and ENTER button to confirm the source.

INPUT Menu

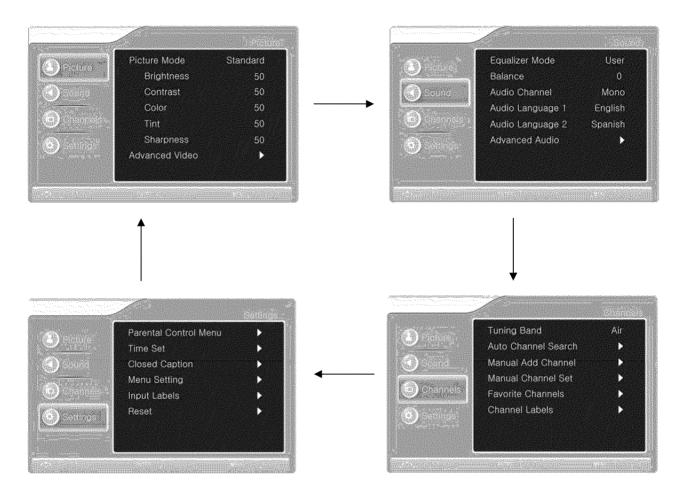


Setup menu operation – Adjust the OSD screen

ADJUST THE OSD SCREEN

Press the MENU button to display the main menu.

Use ◀ / ▶ / ▲ / ▼ buttons to select and adjust the available menus.



NOTE: The OSD (On Screen Display) function enables you to adjust the screen status conveniently since it provides graphical presentation.

When the cursor stays on a main menu function (Picture, Sound, Channels or Settings), you need to use ENTER or ▶ button to activate it. After activating, the cursor will go forward into the submenu, which you can use to choose the concrete functions with ▲ / ▼ button. After adjusting, you can use MENU button to return to the upper level of OSD menu or exit the menu.

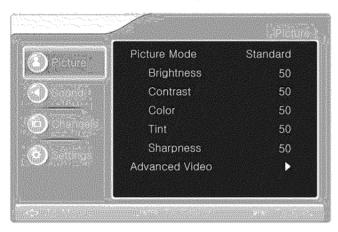
The images in this document may vary from your TV's menu depending on the model. We provide the instruction manual for better understanding and operation to the TV set. Therefore, all the pictures here are for reference only.

Setup menu operation - Picture menu options

PICTURE MENU OPTIONS

NOTE: In this manual, the OSD (On Screen Display) may be different from your TV's in colors.

Press MENU button on the front panel or on the remote control and then use ▲ / ▼ to select the PICTURE menu.



- 1. Use ▶ / ENTER to enter Picture menu.
- 2. Use ▲ / ▼ to select what you want to adjust in the Picture Menu.
- 3. Press **◄**. / **▶** / **ENTER** button to adjust.
- 4. When you are satisfied with your adjustment, press **EXIT** to exit the main menu.

Picture Mode

Press ▲ / ▼ button to select it and then use ◀. / ▶ to set the picture mode: Standard, Vivid, Bright, User.

You can also select the picture mode directly by pressing the PICTURE button on the remote control.

Brightness

Press ▲ / ▼ button to select it and then use ◄. / ▶ to adjust the brightness of picture.

Contrast

Press ▲ / ▼ button to select it and then use ◀. / ▶ to adjust the contrast of picture.

Color

Press ▲ / ▼ button to select it and then use ◀ / ▶ to adjust the color saturation.

Tint (NTSC Input only)

Press ▲ / ▼ button to select it and then use ◀. / ▶ to adjust the tint of picture.

Sharpness

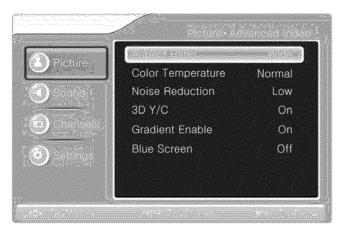
Press ▲ / ▼ button to select it and then use ◀ / ▶ to adjust the sharpness level of picture.

Press **ENTER** button to select it and then use **◄**. / **▶** to adjust the contrast of picture.

Setup menu operation - Picture menu options

Advanced Video

Press ▲ / ▼ button to select it and use ▶ / ENTER to enter advanced video menu.



Aspect Ratio

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to select the aspect ratio of picture: Normal, Zoom, Wide, Cinema.

Color Temperature

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to select the color temperature: Cool, Normal, Warm.

Noise Reduction

Press ▲ / ▼ button to select it and then use ENTER / ► to set the noise reduction level: Off, Low, Medium, High.

3D Y/C

Press ▲ / ▼ button to select it and then use ENTER / ▶ to set the 3D comb filter on/off.

Gradient Enable

Press ▲ / ▼ button to select it and then use ENTER / ▶ to select the gradient enable on/off.

This function can improve the picture's quality.

Blue Screen

Press ▲ / ▼ button to select it and then use ENTER / ▶ to set the blue screen on/off.

Note: If the blue screen function is turned on, the TV will display a full-screen blue image when there is no signal. And a long-time displaying of this may shorten the LCD TV panel life.

Setup menu operation – Sound menu options

SOUND MENU OPTIONS

Press MENU on the front panel or on the remote control and then use ▲ / ▼ to select the SOUND menu.



- 1. Use ▶ / ENTER to enter Sound menu.
- 2. Use ▲ / ▼ to select what you want to adjust in the Sound Menu.
- 3. Press **◄** . / **▶** / **ENTER** button to adjust.
- 4. When you are satisfied with your adjustment, press **EXIT** to exit the main menu.

Equalizer Mode

Press ▲ / ▼ button to select it and then use ENTER / ► to select the equalizer mode: User, Standard, Movie, Music, News.

Balance

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to adjust the audio output deflection between left and right speakers.

Audio Channel

Press ▲ / ▼ button to select it and then use ENTER / ▶ to select the audio channel: Mono, Stereo, SAP.

Audio Language 1

Press ▲ / ▼ button to select it and then use **ENTER** / ► to select the first audio language.

Audio Language 2

Press ▲ / ▼ button to select it and then use ENTER / ▶ to select the second audio language.

Advanced Audio

Press ▲ / ▼ button to select it and use ► / ENTER to enter advanced audio menu (see next page).

Setup menu operation – Sound menu options



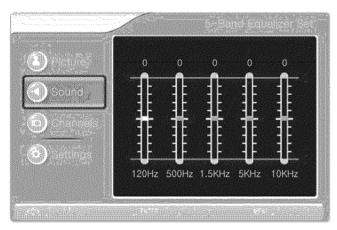
Digital Audio Output

Press ▲ / ▼ button to select it and then use ENTER / ► to select the digital audio output mode: Off, RAW, PCM.

5-Band Equalizer Set

Press ▲ / ▼ button to select it and use ► / **ENTER** to enter 5-band equalizer set. To use this function, Equalizer mode (page 19) should be "User".

Press ◀. / ▶ button to select the audio frequency component and use ▲ / ▼ to adjust. When you are satisfied with your adjustment, press **MENU** to exit.



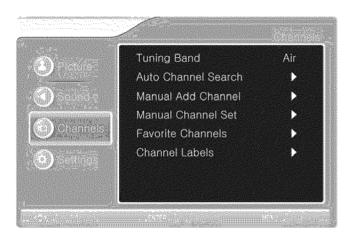
Audio Only

Press ▲ / ▼ button to select it and use ► / ENTER to activate audio only (hold POWER button 3 seconds to restore.).

If you select this function, TV will not display any video, but there is audio only.

CHANNELS MENU OPTIONS

Press MENU on the front panel or on the remote control and then use ▲ / ▼ to select the CHANNELS menu.



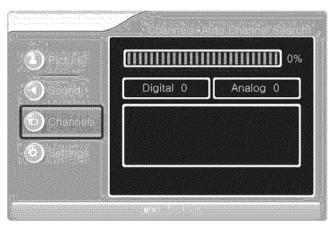
- 1. Use ▶ / ENTER to enter Channels menu.
- 2. Use ▲ / ▼ to select what you want to adjust in the Channels Menu.
- 3. Press **◄**. / **▶** / **ENTER** button to adjust.
- 4. When you are satisfied with your adjustment, press **EXIT** to exit the main menu.

Tuning Band

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to select the tuning band: Air, Cable.

Auto Channel Search

Press \blacktriangle / \blacktriangledown button to select it and then use **ENTER** / \blacktriangleright to enter the auto channel search program.

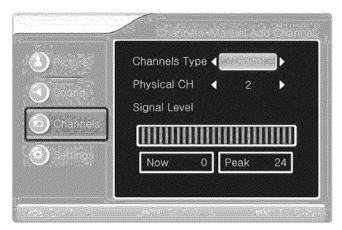


Note: If you want to exit the Auto Channel Search in the searching process, press MENU twice.

Manual Add Channel

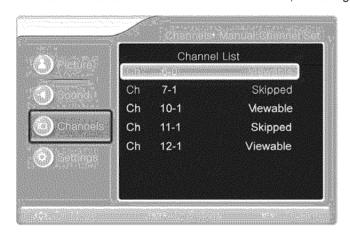
Press ▲ / ▼ button to select it and then use ENTER / ▶ to enter.

This menu will show the intensity of DTV signal. User can adjust the direction and orientation of external antenna by checking Signal Level.



Manual Channel Set

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to enter the manual channel set program. This function will add the channels not found before, remaining the channels unavailable at present.



Press **ENTER** / ▶ button to select skipped or viewable.

Favorite Channels

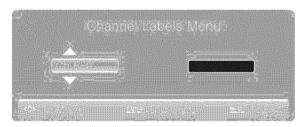
Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to enter the favorite channels program.



Press **ENTER** / ▶ to set the current channel to your favorite channel. If the current channel is already one of your favorite channels, press **ENTER** / ▶ to set it as a normal channel.

Channel Labels

Press ▲ / ▼ button to select it and then use ENTER / ▶ to enter.

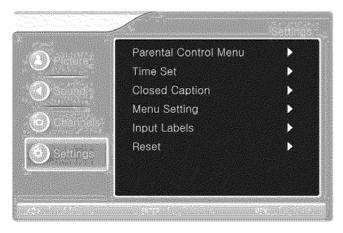


Press ◀. / ▶ to select the position of letter, then press ▲ / ▼ to set the name.

Press **ENTER** to confirm you selection.

SETTINGS MENU OPTIONS

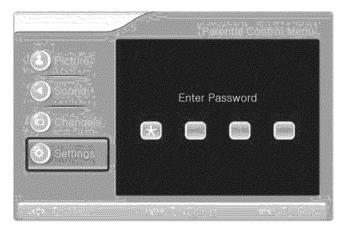
Press MENU on the front panel or on the remote control and then use ◀ / ▶ to select the SETTINGS menu



- 1. Use ▶ / ENTER to enter Settings menu.
- 2. Use ▲ / ▼ to select what you want to adjust in the Settings Menu.
- 3. Press **◄** . / **▶** / **ENTER** button to adjust.
- 4. When you are satisfied with your adjustment, press **EXIT** to exit the main menu.

Parental Control Menu

Press \blacktriangle / \blacktriangledown button to select it and then use **ENTER** / \blacktriangleright to enter parental control menu.

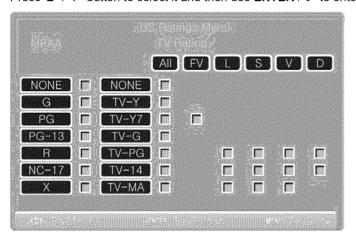


Input the password to enter, and the default password is 0000.



US Ratings

Press ▲ / ▼ button to select it and then use **ENTER** / ▶ to enter the US Ratings menu.



MPAA

Press ENTER to lock or unlock: NONE, G. PG. PG-13, R. NC-17, X.

And here is some additional information about each parental control level.

- NONE: No restrictions.
- G: General Audience. This contains little or no violence, no strong language, and little or no sexual dialog or situations
- PG: Children under 13 should be accompanied by an adult.
- PG-13: Parental guidance suggested. Children under 13 should be accompanied by an adult.
- R: Restricted. Viewers should be 17 or older.
- NC-17: Not classified. Viewers should be 17 or older.
- X: Hardcore. Viewers should be 17 or older.

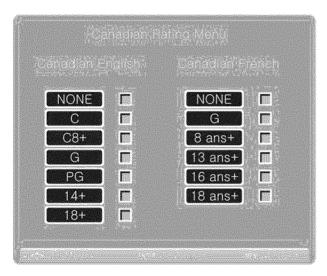
TV Rating

Press ENTER to lock or unlock one of NONE, TV-MA, TV-14, TV-PG, TV-G, TV-Y7, TV-Y.

- TV-MA: Mature audiences only. This program may contain mature themes, profane language, graphic violence and explicit and explicit sexual content.
- TV-14: Parents strongly cautioned. This program may contain sophisticated themes, sexual content, strong language and more intense violence.
- TV-PG: Parents guidance suggested. The program may contain infrequent coarse language, limited violence, some suggestive sexual dialog and situations.
- TV-G: General audience. This contains little or no violence, no strong language, and little or no sexual dialog or situations.
- TV-Y7: Directed for older children. Themes and elements in this program may include mild physical or comedic violence, or may frighten children under the age of seven.
- TV-Y: All children. The themes and elements in this program are specifically designed for a very young audience, including children from ages two six.
- NONE: No restrictions.

Canadian Ratings

Press ▲ / ▼ button to select it and then use ENTER / ► to enter the Canadian Ratings menu.



Canadian English

Press ENTER to lock or unlock: NONE, C, C8+, G, PG, 14+, 18+.

- NONE: No restriction.
- C: Children.
- C8+: Viewers should be 8 or order.
- G: General Audience.
- PG: Parental guidance suggested.
- 14+: Restricted. Viewers should be 14 or older.
- 18+: Restricted. Viewers should be 18 or older.

Canadian French

Press ENTER to lock or unlock: NONE, G, 8 ans+, 13 ans+, 16 ans+, 18 ans+.

- NONE: No restriction.
- G: For all.
- 8 ans+: Restricted. Viewers should be 8 or older.
- 13 ans+: Restricted. Viewers should be 13 or older.
- 16 ans+: Restricted. Viewers should be 16 or older.
- 18 ans+: Restricted. Viewers should be 18 or older.

Advanced Rating

Press ▲ / ▼ button to select it, then press ENTER / ▶ button to set advanced rating on/off.

Advanced Parental Lock

Only available when the advanced rating is turned on.

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to enter.

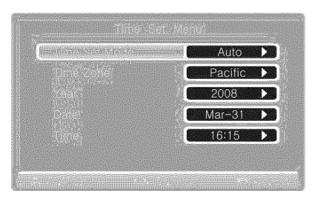
Password Set

To set the new password.

Clear Channel List

To clear the present channels. The TV will shut off automatically after this operation. When user turns on the TV again, the Auto Channel Search in initial setup menu will help to rebuild the channel state (see page 14).

Time Set



Time Set Mode

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to select: Auto, Manual.

Customer needs to choose Manual before adjusting Time Zone, Year, Date and Time.

Time Zone

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to select the time zone for your TV.

Year, Date, Time

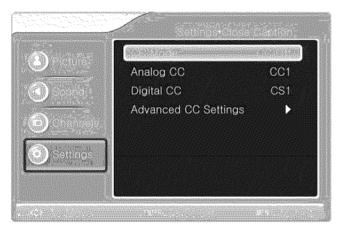
Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to set the date and time for your TV.

Note: Press ENTER on remote control, the current time which has been set will display on screen for 5 seconds.

Press ENTER again, the time will disappear (see page 12 remote control instruction about ENTER button).

Closed Caption

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to enter.



CC Mode

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to select TV CC mode.

Analog CC

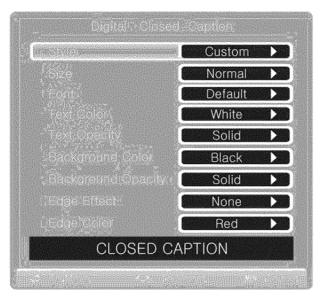
Press ▲ / ▼ button to select this item, then press **ENTER** / ▶ button to select: CC1, CC2, CC3, CC4, TEXT1,TEXT2, TEXT3, TEXT4.

Digital CC

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to select: CS1, CS2, CS3, CS4, CS5, CS6.

Advanced CC Settings

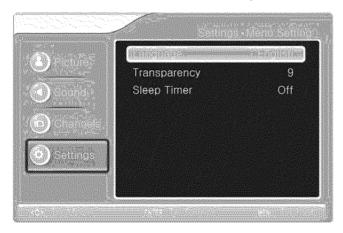
Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to enter.



- Style: press ◀ / / ▶ to select: Automatic and Custom, when you select automatic, the other functions are disabled.
- Size: press **◄** / **▶** to select: Normal, Large, Small.
- Font: press **◄** / **▶** to select: Default and from Front 1 to Font 7.
- Text Color: press ◀ / / ▶ to select: Red, Green, Blue, Yellow, Magenta, Cyan, Black, White.
- Text Opacity: press ◀ / ▶ to select: Solid, Flashing, Transparent, Translucent.
- Background Color: press ◀ / / ▶ to select: Red, Green, Blue, Yellow, Magenta, Cyan, Black, White.
- Background Opacity: press ◀ / / ▶ to select: Solid, Flashing, Transparent, Translucent.
- Edge Effect: press ◀ / ▶ to select: None, Raised, Depressed, Uniform, Left Shadow, Right Shadow.
- Edge Color: press ◀. / ▶ to select: Red, Green, Blue, Yellow, Magenta, Cyan, Black, White.

Menu Setting

Press ▲ / ▼ button to select this item, then press **ENTER** / ▶ button to enter.



Language

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to set the OSD language.

Transparency

Press ▲ / ▼ button to select this item, then press ENTER / ▶ button to adjust the transparency

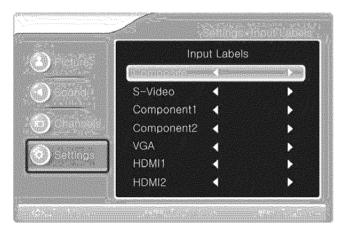
Sleep Timer

Press ▲ / ▼ button to select this item, then press **ENTER** button to select: Off, 5min, 10 min, 15min, 30min, 60min, 90min, 120min, 150min, 180min, 240min.

Input Labels

Press ▲ / ▼ button to select this item, then press **ENTER** / ▶ button to enter.

Press **ENTER** / ▶ button to set the input label.



Reset



Reset all items to default value.

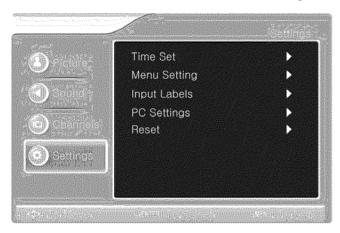
The functions of OSD menu for Component/AV/S-Video inputs are similar with TV mode except that some functions (such as Channels menu and several Setting menu functions) are unavailable in these modes. For the detailed information, please attend to the instructions for TV mode OSD menu for reference.

Setup menu operation – VGA menu options

VGA MENU OPTIONS

Press INPUT on the front panel or on the remote control and then enter VGA mode.

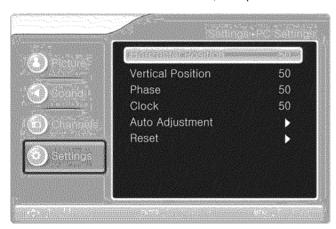
Use MENU and ▲ / ▼ buttons to select the Settings menu in VGA mode.



- 1. Use ▶ / ENTER to enter Settings menu.
- 2. Use ▲ / ▼ to select what you want to adjust in the Settings Menu.
- 3. Press **◄** . / **▶** / **ENTER** button to adjust.
- 4. When you are satisfied with your adjustment, press **EXIT** to exit the main menu.

PC Settings

Press ▲ / ▼ button to select this item, then press **ENTER** / ► button to enter.



Horizontal Position

Press **ENTER** button to select it and then use **◄**. / **▶** to adjust the horizontal position of the picture.

Vertical Position

Press **ENTER** button to select it and then use **◄**. / **▶** to adjust the vertical position of the picture.

Phase

Press **ENTER** button to select it and then use **◄**. / **▶** to adjust the phase of the picture.

Setup menu operation – VGA menu options

Clock

Press **ENTER** button to select it and then use **◄**. / **▶** to adjust the clock of the picture.

Note:

Phase -- This function allows you to remove any horizontal noise and clear or sharpen the image of characters.

Clock -- This function is to minimize any vertical bars or stripes visible on the screen background. And the horizontal screen size also will change.

Horizontal Position & Vertical Position -- This function is to adjust the picture to Left/ Right and Up/ Down as you wish.

Auto Adjust

Press **ENTER** button to select it and then use ◀. / ▶ to do auto adjust that automatically adjusts the available options for the best viewing configuration.

Reset

Press **ENTER** button to select it and then use ▶ / **ENTER** to reset all the PC settings.

Appendix - Troubleshooting

TROUBLESHOOTING

Identifying Problems

If there are any problems using the product, please first consult the list below. If the list below does not solve the problem, call our Customer Service Center immediately.

Setup and Connection

The TV won't turn on. Check your power cable connection.

- I can't view the Basic channels. Check the connection of the antenna cable.
- I want to view cable channels. Register with your local cable company then connect their receiver to your TV.
- I want to view satellite channels. Setup your Satellite parabola antenna then connect your satellite receiver to the TV.
- Digital broadcasting is not functioning. Check your antenna cable connection. Check if the digital channel selection is correctly connected to your antenna cable.

Menu and Remote Control

The Remote Control isn't functioning well.

Change the batteries.

Check the polarity of the batteries.

Check the angle of the remote control from the product or if there are any obstacles between the remote control and the product.

Check if you have pressed the correct key for the correct option.

Try to a bright light position near TV's which transmit a strong light source on TV <remote receiver> window.

I cannot change channels with the remote control.

Press [TV/AV] and select <TV>.

Try to use the remote control for the cable or satellite receiver to change the channel.

External input channels cannot be selected.

Check your external input connection cable.

A Menu cannot be selected.

Check if the menu is grayed out, and if it is, that menu cannot be selected.

Screen

Poor picture

Is the power cord unplugged? Make sure the power cable is plugged in correctly, and then press the power of the remote control.

Black picture

Check the LED light being blue.

Press input button repeatedly and check caption for mode in panel.

Lined and flickering picture.

Try to finely adjust the channel.

Are there any TV waves flowing or cordless radio transmitting stations? Avoid using cordless phones, hairdryers or electrical drills.

Appendix - Troubleshooting

Disfunctioning channels.

Check if the channel has been selected correctly.

Try changing the position of the antenna.

Picture with white and black dots.

Check if your antenna is damaged or any connections are broken.

Replace your antenna.

Only certain channels are in black and white

Check if the program is being broadcast in black and white.

Try to check the hue or contrast.

The Sub-Screen is black.

Check the power of the external device connected to the TV.

If the power cord is disconnected, the screen will be black.

Automatic turn-on is inactive.

When turning off your TV, you need to use the remote control or press the power button on the TV. (If you pull the plug on the TV, the settings will be deleted.)

Sound

Poor quality sound

Check if the program is in stereo. Stereo may not work well in areas with bad reception. Try using Mono for these areas.

Sound is malfunctioning while using a cable.

Check your sound connecting cable.

Check if other channels also have no sound

I can see images, but there is no sound.

Press the volume buttons to increase the sound.

Try watching a video (if the video has sound, check your cable company). If there is no problem with the cable receiver, then call our customer service.

Check if press MUTE on the remote control..

There is a malfunction after the volume is increased

Try to adjust the external devices connected to the TV (Digital channel receiver, DTV, DVD, Cable channel receiver, video) If you can adjust your sound, try to balance the volume of the TV and the external device.

Channel

The channels are not functioning.

Connect the antenna connectors again.

Set to memorize channels in the automatic channel setting again.

Query the particular broadcasting station.

A limited number of channels are not functioning.

Change the location or direction of the antenna.

Try to select a few channels using numbers and memorize them using the add/delete button.

Query the broadcasting station.

Only UHF (14~69) Channels are unavailable.

Check if the antenna is able to receive UHF.

Appendix - Troubleshooting

Monitor

The PC Screen continually appears and disappears.

Check the connection between the TV and the computer and see if the connector is locked.

• A "There is no signal "message appears.

This happens if the signal from the video card is exceeded for the maximum resolution or frequency of the TV. Try to set the maximum resolution or frequency for the TV.

See if power save mode of the PC functions properly.(This is deactivated when any key is pressed or the mouse is moved)

• The screen looks like there is water flowing on it.

Check the connector connected to the TV.

• The screen is unclear and blurry.

Change the frequency and phase adjustment. Change the Resolution and frequency to the standard limit.

Unstable and flickering screen.

The resolution and frequency of the PC's Graphics Card should be set within the TV's range. Check the TV menu's current mode and standard mode and set it up again.

Some modes in standard mode are not working.

Check the compatibility of the video card.

If it is not working for compatible hardware, try to upgrade the driver of the graphics card.

Appendix - Removing TV Stand

Removing TV Stand

If you decide to install the wall mount your LCD TV, always use a VESA standard wall mount appropriate for the size and weight of the LCD TV.

CAUTION

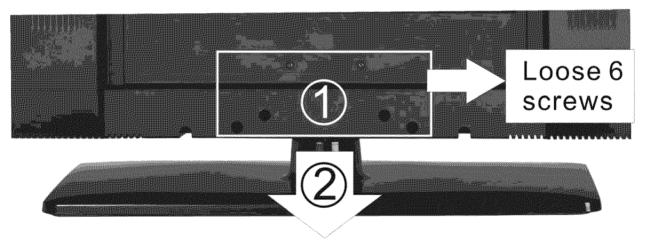
- Be sure to follow the instructions. Incorrect installation of the stand/wall mount may result in the TV falling over.
- Before detaching (or attaching) the stand, unplug the AC cord from the AC input terminal.
- Unplug and remove any cables and/or other component connectors from the rear of the TV.

NOTES

Before proceeding, make sure the appropriate bracket(s) are attached to the wall and the back of the TV as described in the instructions provided with the wall bracket. Extreme care should always be used when removing the stand/wall mount to avoid damage to the LCD panel.

As shown below:

(The picture may vary depending on the model.)



PROCEDURE

Place the TV set on a surface that is totally stable, flat and smooth, such as a table.

- Loose the 6 black rear screws in TV.
 (The 6 black rear screws are completely the same.)
- 2. Draw out the stand gently.

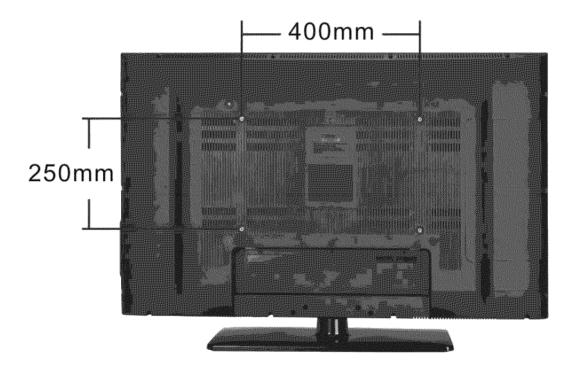
Appendix - Wall Mounting Unit Specification

Wall Mounting Unit Specification

Unit Dimension(unit: mm)	Screw Diameter	Screw Length(unit: mm)
400x250	M6	14

Remark: The specification of screw is just used on the back cabinet.

NOTE: Wall mount bracket is not included with TV and mounting of wall mount bracket to wall may vary depending on brand and size of bracket. Customer should consult bracket mounting instructions that came with wall mount for specific information on how to mount bracket to wall.



Before reading the installing instruction, please notice:

- A. The wall mount is not contained in the accessories sold with television. We only provide the installing specifications but not the wall mount itself. If you need the mount, please consult with the local dealer for the assorted fitting parts.
- B. We strongly suggest to set the wall mount with equipments of specification we ordered. If not, inappropriate installing may cause damage to the device.

Appendix – Safety Warnings

SAFETY WARNINGS

- 1. Do not set up the wall mount by yourself. Please contact qualified professionals for installation.
- 2. The TV should not be mounted on walls or surfaces which have an angle more than 10 degrees with vertical direction. Otherwise the TV set may fall.
- 3. The walls for mounting must have enough strength to hold the whole weight of TV set. For example, concrete wall and brickwork are eligible. Do not place the mount on soft walls such as earth walls and plasterboard.
- 4. If spare parts of different specifications (such as screws) are used during mounting, consult with qualified professionals to make sure these parts are safe and effective.
- 5. Before attaching the base to wall, ensure the holes for anchors are in keeping with the installing rules. Otherwise there may exist some potential problems.
- 6. Do not place any heating source under your television. Or else, it can cause fire.
- 7. Do not place the TV near anything dripping. Transducers and high voltage wires should be kept far away from the apparatus too. Or else, it may cause creepage, electric shock or bad resonance.
- 8. Do not place TV in a location where collision or vibration is liable to happen.
- 9. In order to avoid unexpected falling of the TV set, do not put any strong force on TV or wall mount after installing.
- 10. Be sure to unplug the TV before installing. Keep anything hard or sharp away from the screen panel to prevent the scuffing.
- 11. After installing, if there is any need to move the cabinet, please contact the qualified professionals.

UNIVERSAL REMOTE CONTROL CODE LIST

For Universal Remote Control brands listed below, please use accompanying Proscan codes and refer to your Universal Remote Control User Manual for basic instruction for changing TV code to operate Proscan model.

- Proscan codes for Sony TV = 8003, 8012, 8058
- Proscan codes for Philips TV = 1005, 1006, 1007, 1035, 1064, 1216, 0015
- Proscan codes for other universal remotes = 272, 132, 134, 116, 040, 016, 024, 056, 019, 262, 363.
- Proscan codes for DIRECTV = 10178
- Proscan codes for Comcast = 10178
- Proscan codes for Dish Network = 627

TV SPECIFICATION

Model	40LD45QC	
Diagonal display size	40 inches	
Television system	American TV standard ATSC /NTSC system	
Audio multiplex	BTSC system	
Channel coverage	VHF: 2~13 UHF: 14~69 CATV:1~125 Digital Terrestrial Broadcast (8VSB): 2~69 Digital cable (64/256 QAM): 1~135	
PC mode	640×480/60Hz, 800×600/60Hz, 1024×768/60Hz	
YPbPr/YCbCr mode	480i/60Hz, 480p/60Hz, 720p/60Hz, 1080i/60Hz	
HDMI Mode	480i/60Hz, 480p/60Hz, 720p/60Hz, 1080i/60Hz, 1080p/60Hz	
Resolution	1920x1080	
Power source	AC 100 - 240 V, 50 - 60 Hz	
Power consumption	230W	
Audio power	8W + 8W	
Connection Interface	RF input: Cable/ Antenna ×1 VIDEO input: VIDEO ×1 S-VIDEO ×1 COMPONENT ×2 HDMI ×3 PC input: Analog RGB 15pin ×1 AUDIO Input: AV Audio×1 (shared S-Video) Component Audio ×2 PC Audio Input ×1 AUDIO output: Coaxial output ×1 (Digital audio output) Headphone audio output ×1 Service jack: Firmware Upgrading Jack ×1	
TV Dimensions	Width: 38.9 inches Height: 26.5 inches Depth: 11.5 inches (With stand)	
Package Dimensions	Width: 49.4 inches Height: 30.3 inches Depth: 9.6 inches	
NET Weight	40.1 lbs	
Package Weight	51.8 lbs	
Supplied accessories	User Manual, Warranty Card, Remote control, AC cord, Batteries, QSG, Warranty Registration Card	

Design and specifications are subjects to change without notice.

CUSTOMER NOTICE: Use carefully when operating to prevent damage to the screen.