

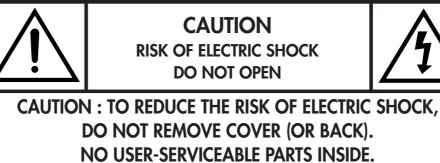
# LCD TELEVISION INSTRUCTION MANUAL

C32HDHB C37HDHB C42HDHB C42FHDHB

Proper use guarantees product life.

Before using the product, be advised that you read this owner's manual well and try to operate it.

# Caution



**REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.** 



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's enclosure that may be of sufficient magnitude to constitute a risk electric shock.



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

**WARNING :** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

**CAUTION :** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

# Caution

# FCC RF INTERFERENCE STATEMENT

## NOTE :

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult authorized service centers for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment,

# IMPORTANT SAFETY INSTRUCTIONS

Please read the following safeguards for your TV and retain for future reference. Always follow all warnings and instructions marked on the television.

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with dry cloth.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9. Do not defeat the safety purpose of the polarized or grounding-type plug. 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 are 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 the 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.

- 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **15.** DISCONNECTING DEVICE FROM MAINS Main plug is the disconnecting device. The plug must remain readily operable.

# IMPORTANT SAFETY INSTRUCTIONS



## 16. Wall or Ceiling Mounting

When mounting the product on a wall or ceiling, be sure to install the product using the designated mounting tool according to the method recommended by the manufacturer.

## 17. Attachments and Equipment

Never add any attachment and/or equipment without approval of the manufacturer as such additions may result in the risk of fire, electric shock or other personal injury.

## 18. Power Source

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.

## 19. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.



**20.** Overloading

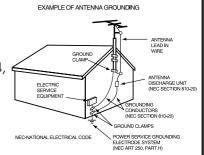
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

## 21. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on or into the TV.

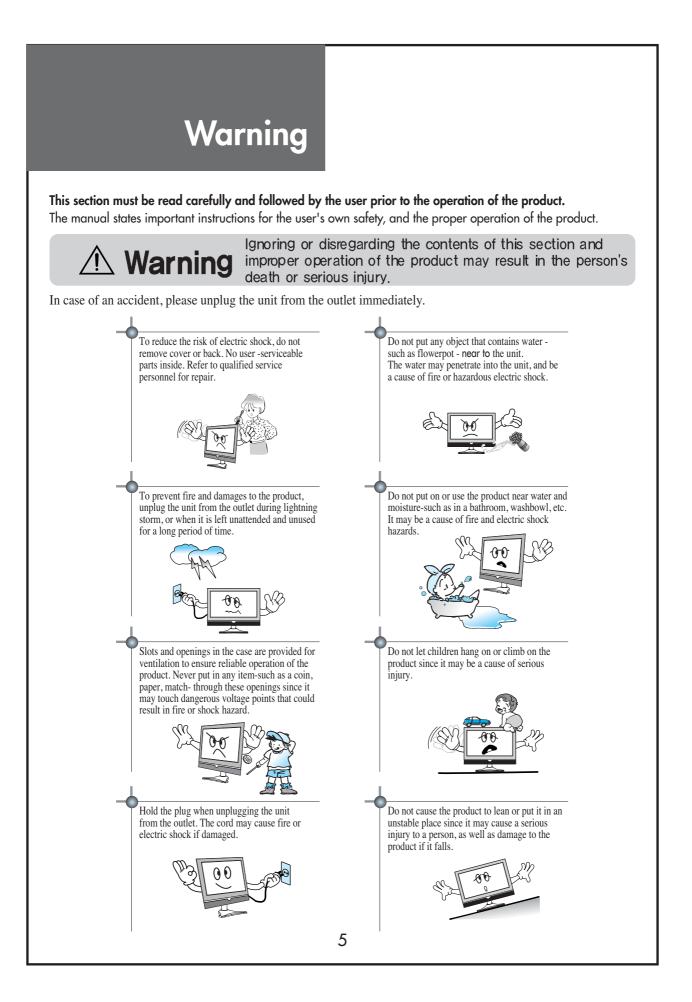
22. Outdoor Antenna Grounding

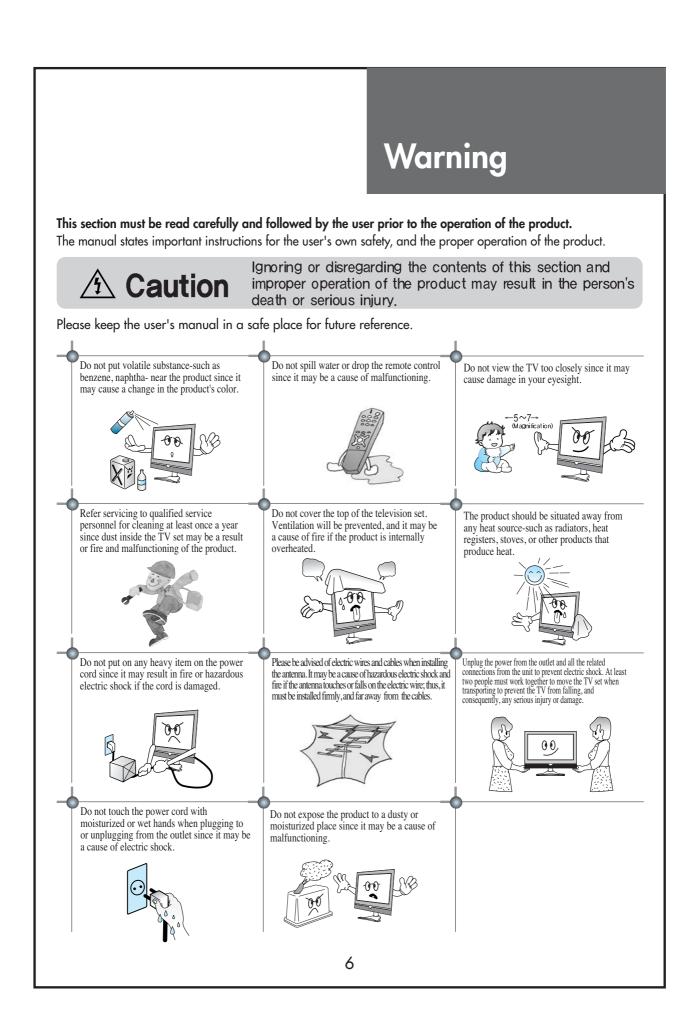
If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Code, ANSI /NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



## 23. Safety Check

Upon completion of any service or repair to the TV, ask the service technician to perform safety checks to determine that the TV is in safe operating condition.





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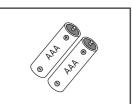
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# Supplied Accessories

Make sure that the following accessories are provided with the product.



AC cord



**Batteries** 



Wall Mounting Unit (OPTIONAL)

# The method of wire arrangement

1. Assemble the cable holder enclosed on the back of TV. (PICTURE 1)

(ASSEMBLY METHOD: After you push the "A"(prominence part of cable holder) in the hole, rotate the cable holder clockwise as an angle of 90°. You can separate in reverse order of assembly.)

- 2. Open the cable holder. (PICTURE 2)( you can open the cable holder then press and push "B" part.)
- 3. After arranging cables with the cable holder, lock "B" again. (PICTURE 3)



Instruction manual



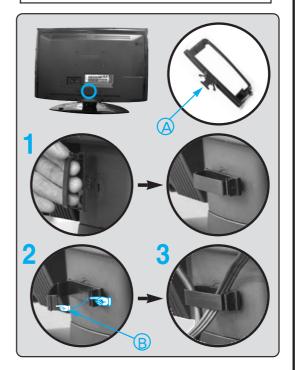
Cable holder



Remote control

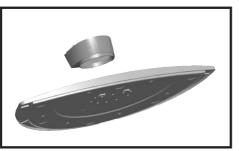


Cover Bottom -When installing wall mount, set the cover bottom as shown above



# Stand Construction

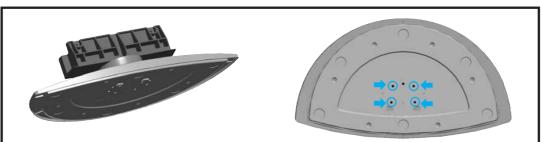
# 32" Stand Assy Construction



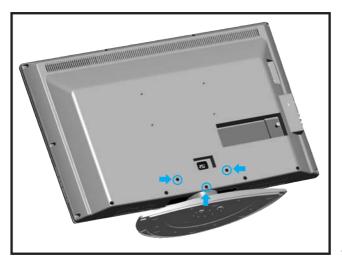
1. Insert the cover frame stand to the stand base



2. Insert the frame stand into the stand base



3. Assemble plate stand base and frame stand with the 4 screws supplied.



Whe sure from

When attaching stand to TV set, be sure to cover the surface to protect from accidental damage.

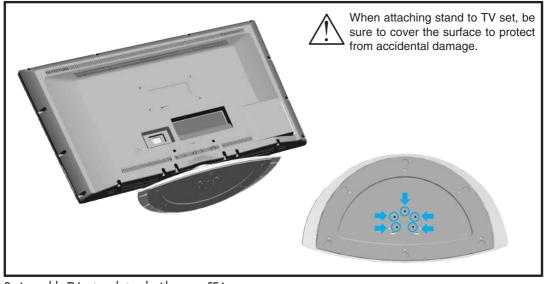
4. Assemble TV set and stand with the 3 screws supplied.

# Stand Construction

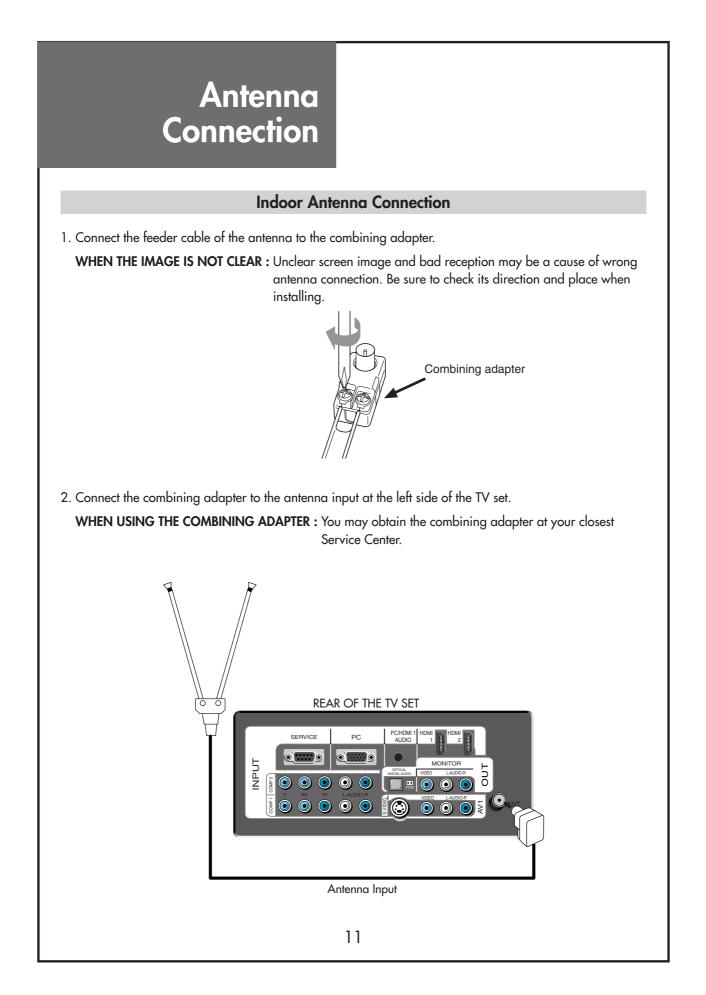
# 37" Stand Assy Construction

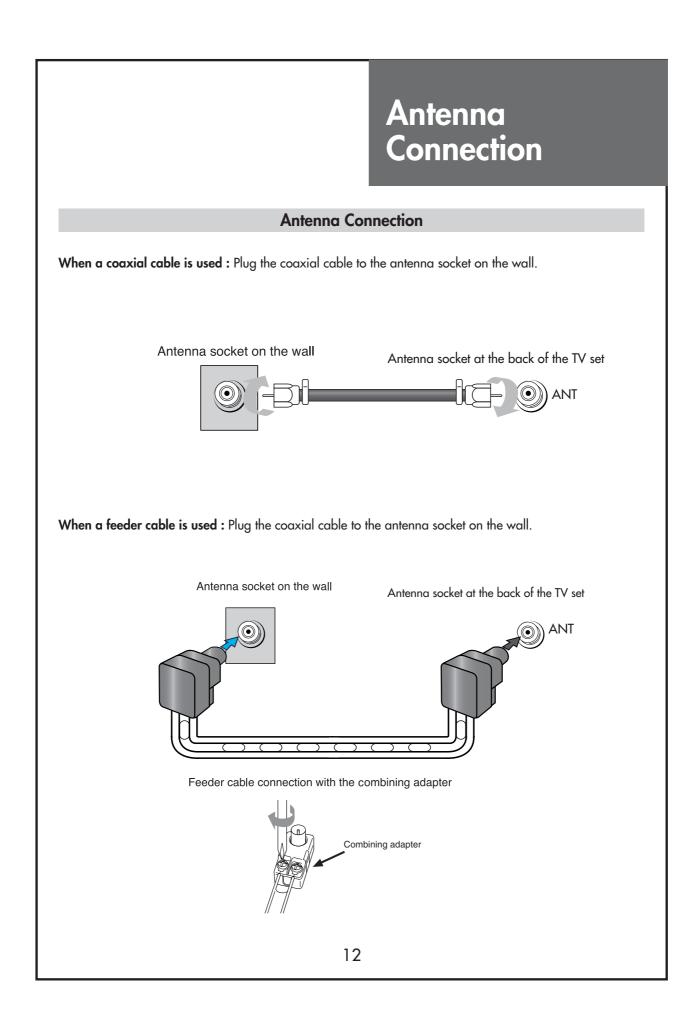


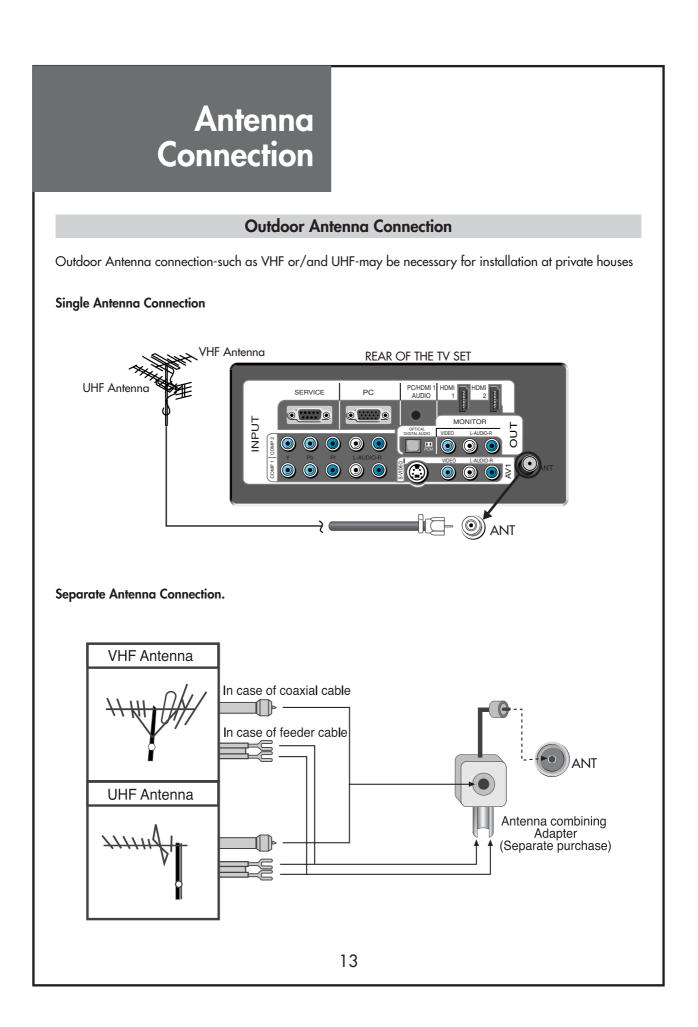
1. Insert the TV set to the stand assy.

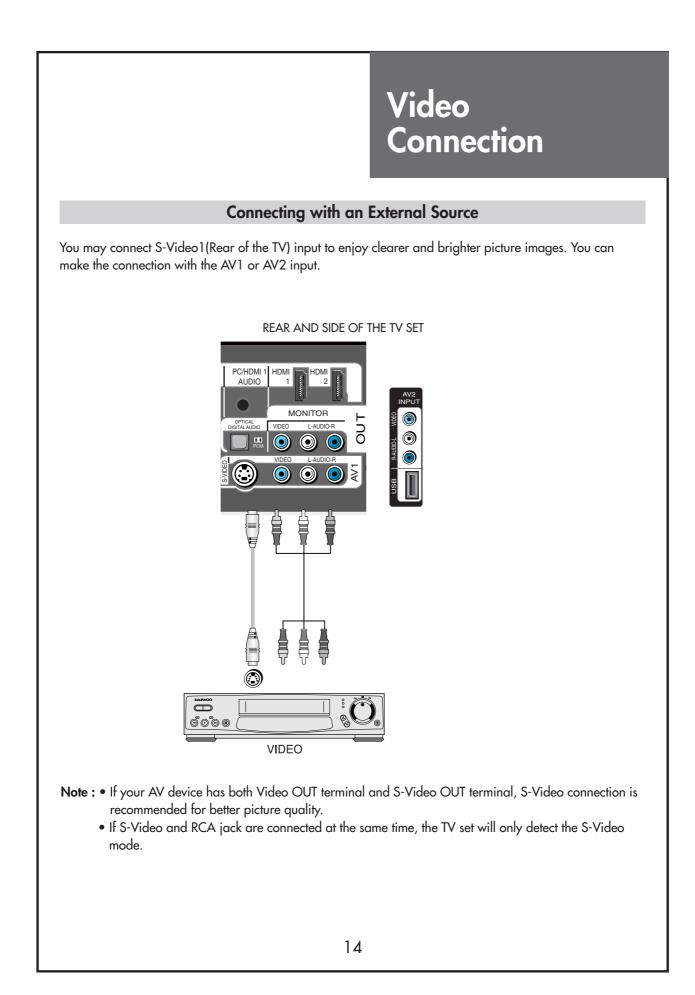


2. Assemble TV set and stand with screw 5EA.





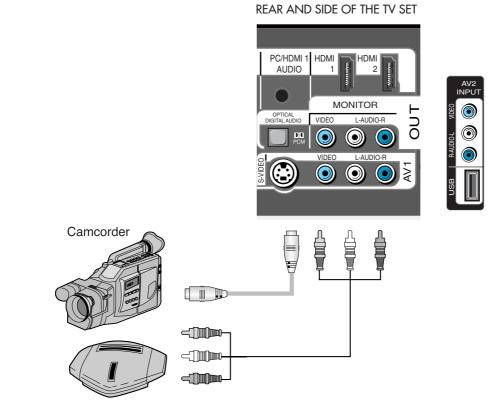




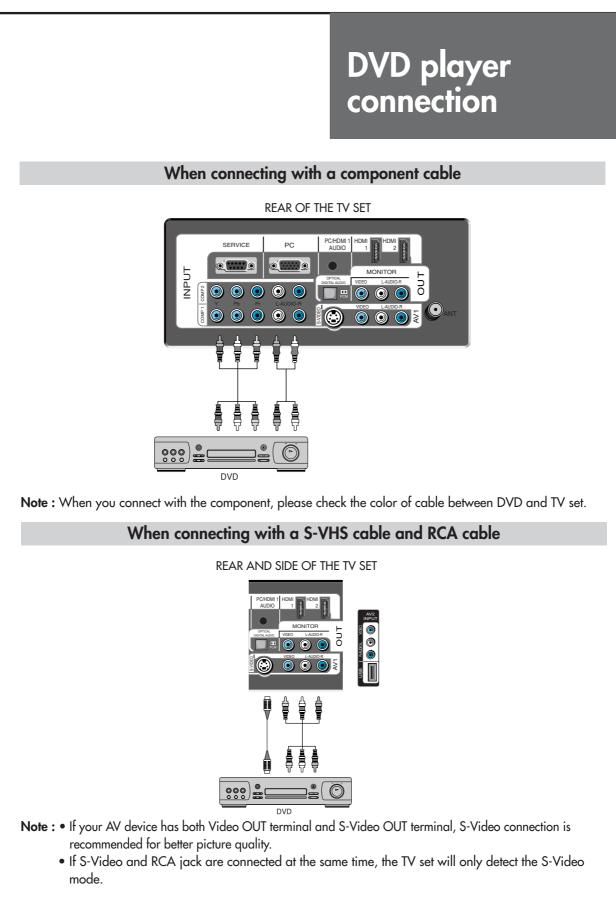
# Camcorder & Video Game Connection

# Watching the Camcorder Recording or Video Game on TV

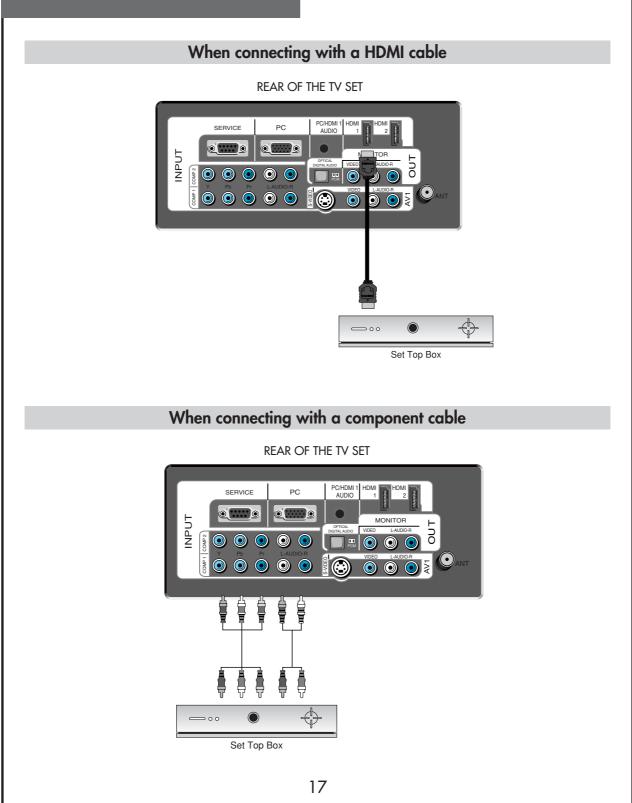
- 1. You can use either the S-video or the RCA connector.
- 2. These connectors connect to AV1/2 or S-Video1 as shown below.
- 3. Turn on the TV set and camcorder/video game.
- 4. Press "INPUT" and then You can see input menu. Select AV1, AV2 or S-Video1 mode by pressing
  "▲▼" and "OK" key.



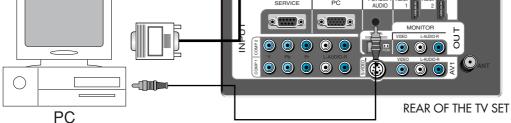
- **Note :** If your AV device has both Video OUT terminal and S-Video OUT terminal, S-Video connection is recommended for better picture quality.
  - If S-Video and RCA jack are connected at the same time, the TV set will only detect the S-Video mode.



# STB(Set Top Box) Connection



# PC Connection When connecting with PC(D-Sub) cable. 1. Adjust PC resolution to available resolution in LCD TV. 2. Connect the PC and TV set using the D-Sub and Audio cable like below the picture. 3. Turn on the PC and TV set. 4. Press "INPUT" and then You can see input menu. Select PC mode by pressing "▲▼" or "OK" key. REAR OF THE TV SET SERVICE (a) NPUT ••• Image: Image Ο PC When connecting with a HDMI cable. 1. Adjust PC resolution to available resolution in LCD TV. 2. Connect the PC and TV set using the HDMI and Audio cable like below the picture. 3. Turn on the PC and TV set. 4. Press "INPUT" and then You can see input menu. Select PC mode by pressing "▲▼" or "OK" key. SERVICE PC



Note : If the graphic card of the PC only support DVI signal, you must connect the Audio cable as shown above.

# PC Connection

## PC CONNECTION NOTES:

- 1) If there is a [Vertical Frequency] setting menu in the [Screen] Menu of the PC, adjust the frequency to 60Hz.
- 2) If the PC resolution is too high, it may be hard to read letters. Select a suitable resolution.
- 3) HDMI input port receives only Digital Signal.
- 4) Depending on the graphic card when you plug & unplug the HDMI connection, the screen may not display correctly.

Restart the computer if this happens.

## Note :

- 1. When you connect with component, PC (D-Sub), and HDMI, you must check the input resolution of external devices.
- 2. So if this mode is used at PC mode, the screen can be enlarged.

## **USB CONNECTION NOTES:**

Only a USB mass storage device is recognizable. If the USB storage device is connected through a USB hub, the device is not recognizable.

A USB storage device using an automatic recognition program may not be recognized.

A USB storage device which uses its own driver may not be recognized.

The recognition speed of a USB storage device may depend on each device.

Please do not turn off the TV or unplug the USB device when the connected USB storage device is working. When such

device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged.

USB

Connection

Please do not connect the USB storage device which was artificially maneuvered on the PC. The device may cause the product to malfunction or fail to be played. Never forget to use only a USB storage device which has normal music files or image files.

Please use only a USB storage device which was formatted as a FAT or NTFS file system provided with the Windows operating system. In case of a storage device formatted as a different utility program which is not supported by Windows, it may not be recognized.

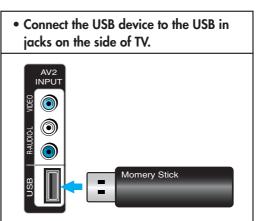
Please connect power to a USB storage device which requires an external power supply. If not, the device may not be recognized.

Please connect a USB storage device with cable is offered by USB maker. If connected with cable is not offered by USB maker or an excessively long cable, the device may not be recognized.

Some USB storage devices may not be supported or operated smoothly.

File alignment method of USB storage device is similar to Window XP and filename can recognize up to 16 English characters.

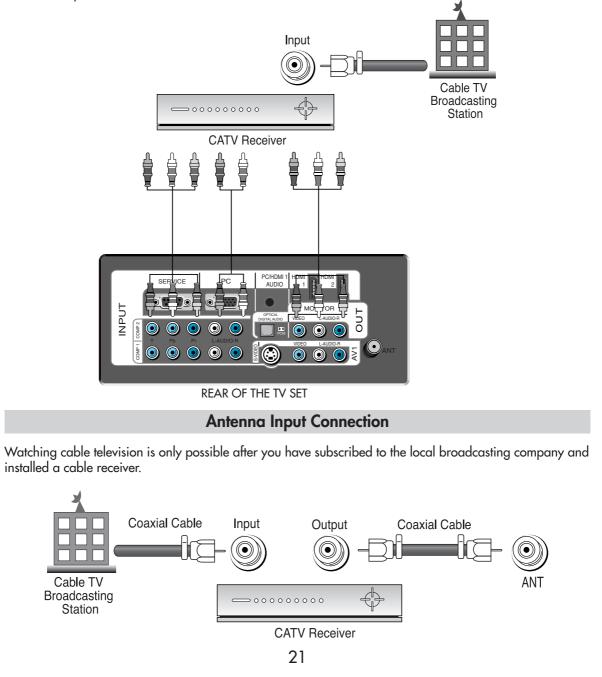
Please backup important files because data on USB device may be damaged. Data management is consumer's responsibility and as a result, the manufacturer does not cover data damage.



# Cable TV Broadcasting Connection

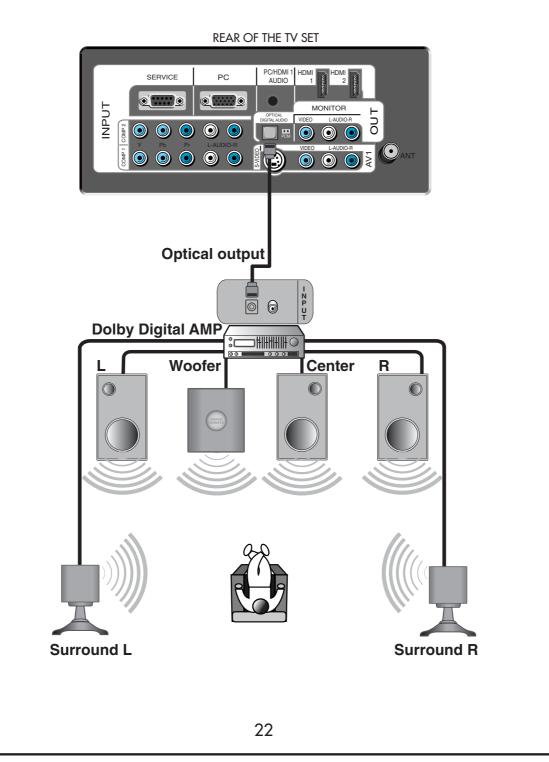
# **External Input Connection Source**

Watching cable television is only possible after you have subscribed to the local broadcasting company and installed a cable receiver. You may make the connection to either the Component input, Video1 input or Video2 input.



# Connect with the Dolby Digital AMP.

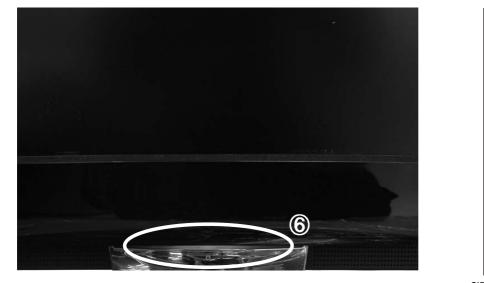
If you connect the optical output to a Dolby digital AMP, you can listen to better sound.

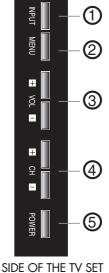




## **Front Panel and Side**

Buttons on the TV set have the same functions as those of the remote control.





## **Control Key Buttons.**

() **INPUT Buttons :** Each time you press this button, the TV will cycle through:

 $\text{AIR/CABLE} \rightarrow \text{AV1} \rightarrow \text{AV2} \rightarrow \text{Component1} \rightarrow \text{Component2} \rightarrow \text{HDM11} \rightarrow \text{HDM12} \rightarrow \text{PC}$ 

(2) MENU Button : Use this button to enter and exit the MENU.

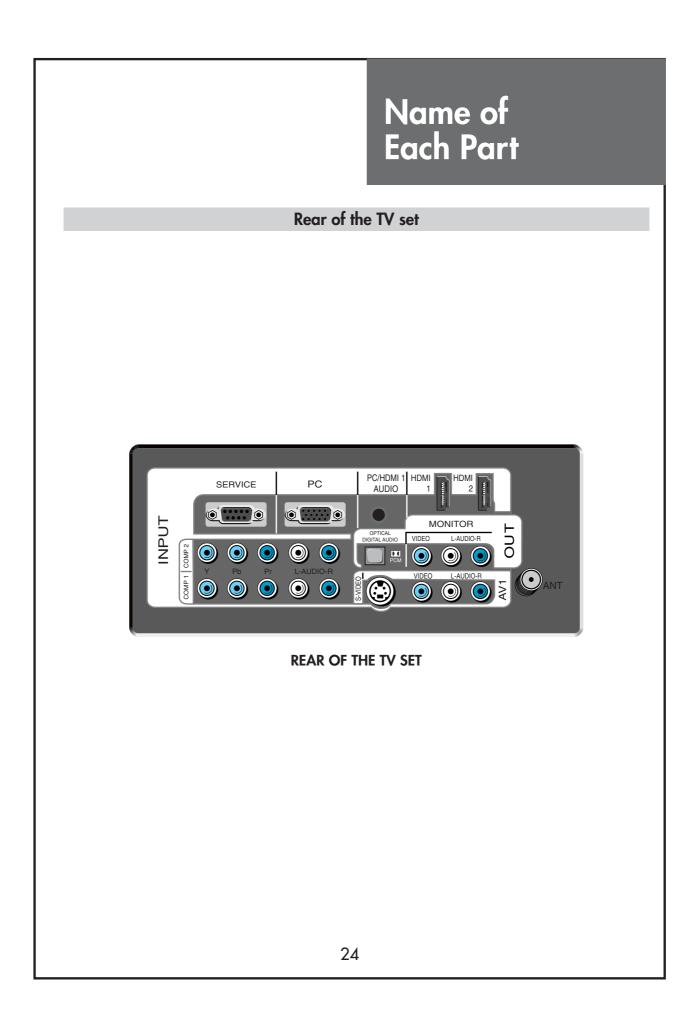
- ③ **VOL Buttons :** Use this buttons to change your TV's volume or to move cursor in the menu.
- (4) CH Buttons : Use this buttons to change channels on your TV or to move cursor in the menu.
- (5) POWER Button : Use this button to TV STAND-BY mode/TV ON mode.

### 6 Remote control signal receiver

The screen contains the remote control signal receiving window; therefore, point the remote control towards the screen when using it.

## **Stand-by <LED Indicator>** LED BLUE - Standby

LED OFF - SET ON



# Functionsa of the remote control



- 1, **POWER** : Turns the TV on and off.
- 2, **NUMBER** : Press the numbers on this board; you can select CH directly in TV mode.

(EX: When you want to select CH10, you should press down "1", "0" and "OK" within 5second. If you only press down

- "1", after 5second, CH1 will be selected.)
- 3, **DTV(-)** : Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.
- 4. **PREVIOUS CH** : Press this button, you can tune to the previous channel.
- 5, EXIT : Exit from the MENU.
- 6, **MENU** : Displays the main on-screen menu. Picture, Sound, Channel, Feature, Time.
- 7, **GUIDE** : Access Electronic Program Guide (EPG). It works only in DTV mode.
- 8, **NAVIGATION KEY**: You can use Navigation Key to move in multi mode.
- 9, FAVORITE CH : Press to switch to your favorite channels.
- 10, **INPUT** : Each time you press this button, the TV will cycle Through: AIR/CABLE -> AV1/2 -> Comp.1/2

## -> HDMI1/2 -> PC

- 11, **OPTION** : Use to quickly select frequently used functions.
- 12, **STILL** : Press this button to freeze the picture.
- 13, **MEDIA** : To enter the MEDIA HOME (It can be used only when USB is connected to the TV)
- 14, **P.MODE** : Picture modes change as follows:
  - Normal -> User -> Dynamic -> Cinema -> Normal.
- 15, MTS : In Analog, you can select sound mode (Mono/Stereo/SAP). In Digital, you can select audic tracks (EX:English/Spanish/French).
- 16, CH : Press to switch to your memorized channels in sequence.
- 17, **VOL** : Adjust the volume.
- 18, **MUTE** : Press this button, and the sound goes off. Press again, and the sound returns.

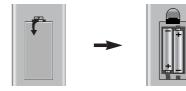
# **Battery Installation**



## Inserting Batteries into the Remote Control Unit

To install the batteries, turn the remote control over and open the battery compartment. Insert the batteries (Two 1.5V, type AAA). Make sure that the polarity matches with the (+) and (-) marks inside of the battery compartment.

**Note:** To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time.



# Basic Menu

## **Basic Menu**

- The basic menu appears on the screen if you press the menu button of the remote control.
- There are 5 items Picture, Sound, Channel, Features, and Time in the basic menu.
- Each item has sub-items under it. If the desired item is selected, the relevant sub-items are displayed upward.

## 1. Press the "MENU" button.

• The main menu appears if you press the "MENU" button.

Sound Contrast Contrast Color Charnel Tit Fedfuld Color Interness Noise Reduction Color temp. Dimming Aspect Patio PC Seren Mode	81        58        0        10        16:9
--	---

## 2. Press the " $\blacktriangle \forall$ " button.

- You may setup according to the directions on the screen after selecting the desired item by pressing the "▲▼" button.
- If the setup is completed, exit from the menu by pressing the "MENU" button.



	Picture		User	
63	Sound			
LCH	Channel		B1(B	
-	_			
100	Feature		Off	
	_		Normal	
0	Time			
			16 : 9	
	🖒 Move	OK Select	MENU Exit	



### Adjusts Picture Mode

- Mode(Normal, User, Dynamic, Cinema), Brightness, Contrast, Color, Tint (NTSC only), Sharpness, Noise Reduction, Color Temp, Dimming, Aspect Ration and PC Screen Mode (Only PC Mode).

#### Adjusts Sound Mode

- Effect(Off,Dynamic Bass,ST Voice), Mode(Normal,Movie,Music,News,User), Equalizer,Balance, Auto Volume Control, Digital Volume and Speaker

#### **Adjusts Channel Mode**

- Auto Search, Antenna(Air/Cable) Edit Channel, Fine Tune, Singnal Strength

### **Adjusts Feature Mode**

- Parental Control, Language(English, Espanol, Francais), Caption, Menu Opacity, MGDI Demonstration, Initialize

### Adjusts Time Mode

- Clock Mode, Current Time Set, Time Zone, DST, Sleep Timer, On Timer, Off Timer

## To Watch TV Power, Number, DTV, OK, Mute, Input, ◀ ►, ▼▲ - Buttons with same name in the main body performs the same function. Press the "POWER" button on TV set or Remote control. POWER (也 Note: • The buttons of the remote control and the main body operate only when AC power turn on. • You must pull out the plug of TV set to shut off the AC Power When pressing the Digit Key button • Press the "OK" button if using the number button for channel selection. For example, to watch the No.9 channel, Press the number button "9" and the "OK" button. If pressing only number "9" button, it takes a longer time to select the channel. • To watch the No.9-1 channel, Press the button "9", "-", "1" OK and "OK" in sequence. To turn sound off OPTION MEDIA MTS P.MODE STILL • Press the "MUTE" button. • No sound is heard if "MUTE" is displayed on the screen. VOL CH • Sound is heard again if you press the "MUTE" button once MUTE 슈 $\land$ again. $\bigcirc$ $\lor$ Check of TV operation status • Pressing the "OK" button, the status of channel or clock broadcasting being currently watched or entry status of video component is displayed on the screen. 28



- 1. Press the "POWER" button on TV set or remote control.
- The Stand-by LED lamp turns on in blue color.
- Press the "POWER" button on the TV set or remote control.
- The Stand By LED lamp on the front panel begins to flicker in blue color and the TV turns on.
- 2. Press the " $\vee$ CH $\wedge$ " button.
- Select the desired program by pressing the "VCHA" button or the number buttons.



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VOL

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### 3. Adjust volume.

- Sound reduces by pressing the "VOL-" button.
- Sound increases by pressing the "+VOL" button.

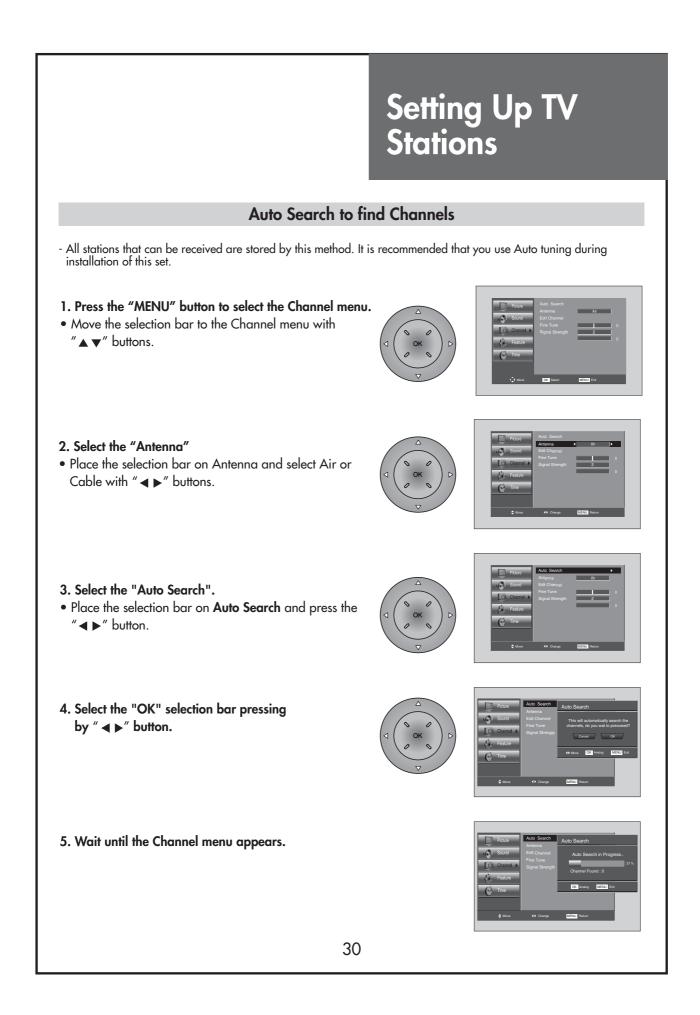
Note : Sound mutes by pressing the "MUTE" button.

4.Press the "POWER" button of right side of the set or Remote control for turning the TV off.

• TV turns off and the power lamp changes to blue color.







# Setting Up TV Stations

## Fine tune

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### 1. Searching for channel finely

- Select a Channel number you want to tune finely with the "∨CH∧" buttons.
- Press the "MENU" button and move to the Channel menu.
- Move the selection bar to the Fine tune with "▲▼" buttons.
- Press the "**\**" buttons to adjust the fine tuning.

### Note:

• If you are unable to get a good picture or Sound because of a poor broadcasting signal, adjustment of Frequency might improve it.



## 1. Adding the Channel

- Select a Channel number you want to add with the "NUMBER" buttons.
- Press MENU Button. Select Channel by pressing "▲▼".
- Move to Edit Channel. Then select "ADD/DEL" by pressing "◀▶".

## 2. Deleting the Channel

- Press MENU Button. Select Channel by pressing "▲▼".
- Move to Edit Channel. Then select "ADD/DEL" by pressing "◀▶".



Picture	Edit Channel	
	Add Del	
a Sound	1	
	5	
Cil Channel >	13	
Feature	40	
C Peature	45	
G Tre		



