# APPENDIX H

## : USER'S MANUAL

TeleHealth Services®

# Owner's Manual

Model: **LT-26H5UD**

# Warnings

**CAUTION**

RISK OF ELECTRIC SHOCK
DO NOT OPEN

**CUATION :**
To reduce the risk of electric shock do not remove cover (or back).
No user serviceable parts inside. Refer servicing to qualified service personnel.

The symbol is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## NOTE TO CABLE TV INSTALLER

This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

## MAINTENANCE AND SERVICING

Never remove the back cover of the TV; this can expose you to high voltage and other hazards. If the TV does not operate properly, unplug it and call an authorized service center.

## CLEANING AND DISINFECTIN

Clean the exterior of this television by removing dust with a lint-free cloth.
CAUTION: To avoid damage to the surface of the television, do not use abrasive or chemical cleaning agents.

## RAIN AND MOISTURE

WARNING: To avoid the hazards of fire or electrical shock, DO NOT expose this television to rain or moisture.

## OXYGEN ENVIRONMENT

WARNING: Do not use in any oxygen tent or oxygen chamber.
Such use may cause a fire hazard.

## WET LOCATION

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

# IMPORTANT SAFETY INSTRUCTIONS

## SERVICE INSTRUCTIONS

CAUTION: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 contained in the operating instructions unless you are qualified to do so.
For 120 volt applications, use only a UL-Listed detachable power cord with NEMA configuration 5-15P type(parellel blades) plug cap.
For 240 volt applications, use only a UL-Listed detachable power supply cord with NEMA configuration 6-15P type (tandem blades) plug cap.

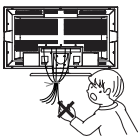
## PRODUCT MODIFICATION

Do not attempt to modify this product in any way without written authorization. Unauthorized modification could void the user's authority to operate this product.

## POWER

This set operates on a DC voltage provided by the AC-DC adaptor, the voltage is as indicated on the back cover. Use only the AC-DC adaptor supplied with the set and never apply AC wall outlet voltage to the set directly.
The AC-DC adaptor operates from an AC wall outlet.

a. Connect the DC plug of the AC-DC adaptor to the 24V socket on back of the set.
b. Connect the AC-DC adaptor and its power cord.
c. Connect the hospital-grade power cord to an AC outlet.
In the event of thunderstorms or power outages, please unplug the AC-DC adaptor from the wall outlet and unplug the cable TV coax.
Do not allow anything to rest upon or roll over the power cord, and do not place the power cord were it is subject to damage.



To avoid damage to the injury of the patient, Output cable of AC-DC adaptor shall be fixed on bracket.

## REGULATORY INFORMATION
## FCC

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 when the equipment is operated in a residential Installation. This equipment generates, uses and can radiate radio frequency energy and, if Not installed and used in accordance with the instruction manual, 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 of 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 the dealer or an experienced radio/TV technician for help.

# IMPORTANT SAFETY INSTRUCTIONS

## CAUTION:

Do not attempt to modify this product in any way without written authorization. Unauthorized modification could void the user's authority to operate this product.

## Underwriters Laboratories

The model LT-26H5UD Hospital Grade LCD TV is a specialized LCD television. This TV is intended for entertainment and educational purposes for use in a hospital, a nursing home, a medical-care center, or a similar health-care facility in which installationis limited to a non-hazardous area in accordance with the National Electrical Code, ANSI/NFPA 70.

This device is safety tested and listed by the Underwriters Laboratories as a product suitable for use in health care facilities in both the United States and Canada.

## IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with a dry cloth.
7) Do not block any of the 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 is provided for your safety. When 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 the attachments/accessories specified by the manufacturer.
12) Use only with a 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.

PORTABLE CART WARNING

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatushas 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.

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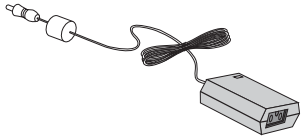
# Supplied Accessories

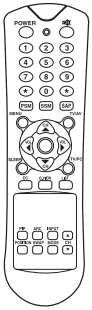
■ **Make Sure the following accessories are provided with the television set.**

1. AC/DC adaptor

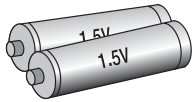


2. AC Cord

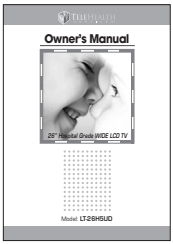
3. Remote controller



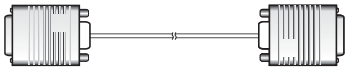

4. Batteries (type AAA)




5. Owner's manual



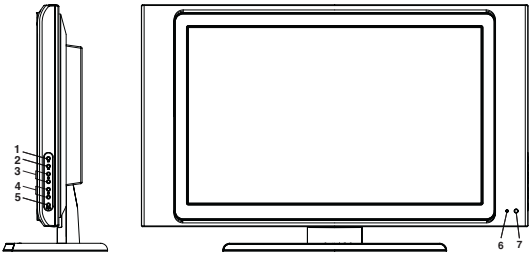

6. PC-IN cable

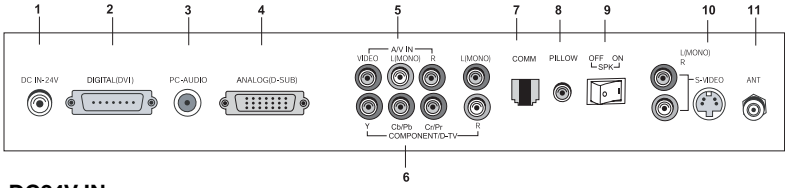


7. PC Audio-IN cable

# Controls

**1. ON/OFF** switches TV set on or off.
**2. MENU**
Displays a menu.
**3. + CH -** (Program Up/Down)
Selects a program or a menu item.
**4. + VOL -** (Volume Up/Down)
Adjusts the volume./ adjusts menu settings.
**5. TV/AV** selects TV, video, s-video, radio (only when set is radio-on), PC analog, PC digital or component mode. Clears the menu from the screen.
**6. Power Indicator**
Illuminates in red when the TV is in standby mode. Illuminates in green when the TV is switched on. Illuminates in amber when in power save-mode (only PC mode).
**7. Remote Control Sensor**
Accepts the IR signal of remote controller.



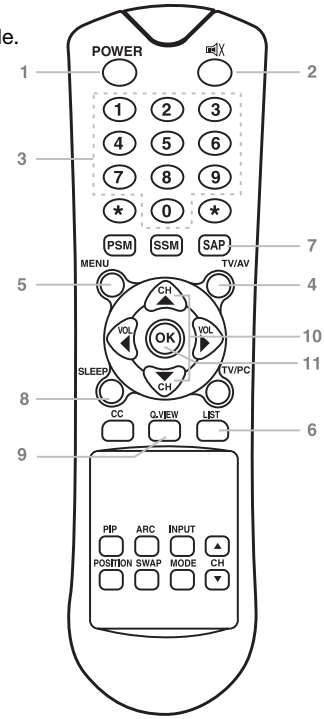

**1. DC24V IN**
**2. PC DIGITAL IN (DVI-D)**
**3. PC AUDIO IN**
Connect the audio cable from the PC to the PC AUDIO IN of the set.
**4. PC ANALOG IN (D-SUB)**
**5. AV IN**
Connect the Audio/Video outputs of external equipment to these inputs.
**6. COMPONENT -DTV IN**
**7. COMM** - UART communication port
It is possible to read and write are available when be connected with clone box
**8. PILLOW** – Digital pillow speaker output
**9. SPK** – Set main speaker on or off
**10. S-VIDEO IN**
Connect the output of the S -VIDEO on the VCR to the S-VIDEO input.
Connect the audio outputs of the S-VIDEO on the VCR to the Audio IN (L(MONO), R).
**11. Ant. (Antenna input)**

# Controls

All the functions can be controlled with the remote controller. Some functions can also be adjusted with the buttons on the side panel of the set.

## Remote Control

Before you use the remote controller, please install the batteries.




### 1. POWER
Turns the TV on from standby or off to standby mode.

### 2. MUTE
Turns the sound on and off.

### 3. NUMBER buttons
Selects program numbers.

### 4. TV/AV
Selects TV, VIDEO, S-VIDEO,
RADIO (Only when the set is Radio On),
PC ANALOG, PC DIGITAL or component mode.
Clears the menu from the screen.

### 5. MENU
Displays a main menu.

### 6. LIST
Displays the program list menu.

### 7. SAP
Adjusts the MTS-STEREO, MONO, SAP.

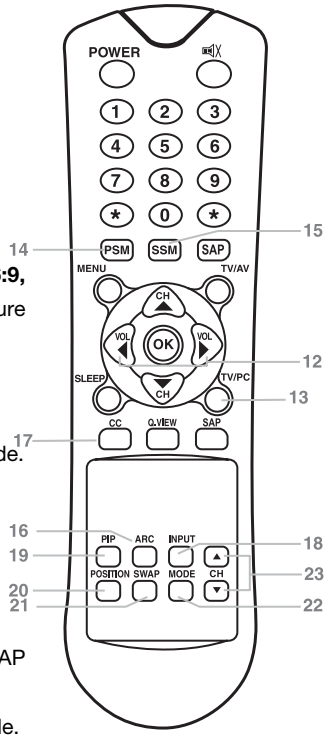
### 8. SLEEP
Sets the sleep timer.

### 9. Q.VIEW
Returns to the previously viewed program.

### 10. CH ▲ ▼ (Channel Up/Down)
Selects next channel or a menu item.

### 11. OK
Accepts your selection or displays the current mode.

# Controls




## 12. VOL◀▶ (Volume Up/Down)
Adjusts the sound level. Adjusts menu settings.

## 13. TV/PC
Selects TV or PC mode directly.

## 14. PSM (Picture Status Memory)
Recalls your preferred picture setting

## 15. SSM (Sound Status Memory)
Recalls your preferred sound setting

## 16. ARC
You can watch TV in various picture formats; **16:9, 14:9, 4:3, 16:9 Zoom, 14:9 Zoom, 4:3 Zoom.**
Repeatedly press the **ARC** button to select a picture format.

**Note.** 16:9 and 4:3 in PC mode are available.

## 17. CC
Sets the caption funtion.

## 18. INPUT
Selects the AV source of the sub picture in PIP mode.

## 19. PIP
Displays a PIP(picture-in-picture) screen.
The PIP function is available in PC Analog, PC Digital or DTV mode.

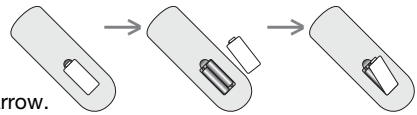
## 20. POSITION
Selects the position of the PIP screen.

## 21. SWAP
Switches the main and sub pictures in PIP mode.
The PIP screen disappear after pressing the SWAP button.

## 22. MODE
Selects a PIP screen mode – 16:1, 9:1 and 3:1 mode.

## 23. ▲CH▼
Selects a program when an RF signal is displayed in PIP mode.

# Battery installation



**■ Inserting batteries**

1. Remove the battery cover by pulling it upward in the direction shown by the arrow.
2. Insert the batteries with correct polarity ( "+" to "+", and "-" to "-" ).
3. Replace the battery cover.

* Install two high-quality 1.5V "AAA" alkaline batteries. Don't mix old batteries with new batteries.
* Remove batteries when you won't use the remote controller for a long time. Liquid leakage from old batteries may cause operation failure.

**■ Notes for using the remote controller**

- Ensure there are no objects between the remote controller and its sensor.
- Do not place the remote control near a heater or in damp place. Strong impact to the remote control may cause operation failure.
- Signal from the remote control may be disturbed by sunlight or other bright light. In this case, darken the room or move the TV.

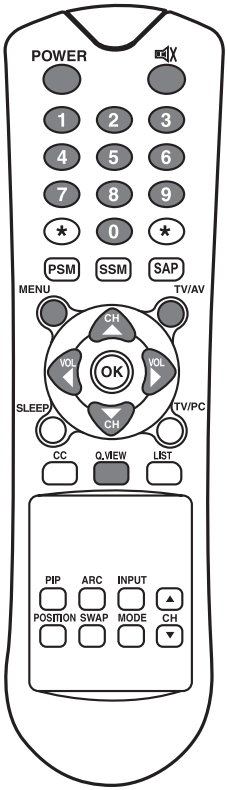
# Basic Operation

## Turning the TV On and Off

Standby Setup: The AC-DC adapter and the AC power cord must be setup and connected to place the TV in standby mode ready to be turned on. Press the **ON/OFF** button on the side panel of the TV to go into standby mode.

1. If the TV is in standby mode, press the **POWER** button on the remote controller or the TV to turn the TV on.
2. Press the Power button again on the remote controller or the **ON/OFF** button the TV to turn the TV off.

**Note** : If the TV is on and the **POWER** button is pressed to turn the TV off, the TV goes into standby mode.




## Program Selection

You can select a program number with the **CH▲▼** button or number buttons.

## Volume Adjustment

Press the **VOL◀▶** button to adjust the sound level.

## Quick View

Press the **Q.VIEW** button to view the last program you were watching.

## Sound Mute Function

Press the **MUTE**( 🔇 ) button. The sound is switched off and the mute display 🔇 appears.

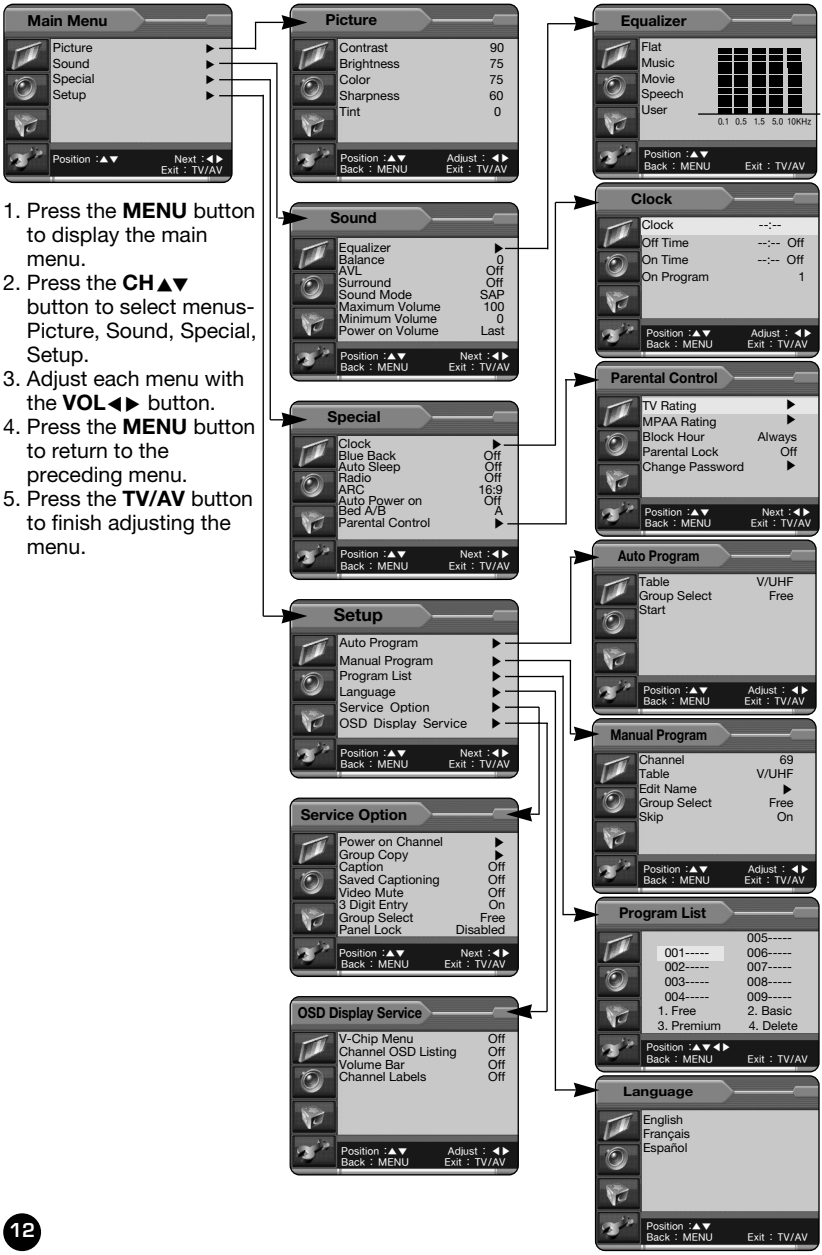
To cancel mute mode, press the **MUTE**( 🔇 ) button again, the **VOL◀▶**, or the **SSM** button.

## On Screen Menu Language Selection

The menu can be displayed on the screen in desired language. First, select your language.

1. Press the **MENU** button.
2. Select the **Setup** menu.
3. Select the **Language** menu.
4. Press the **CH▲▼** button to select a language.
5. Press the **TV/AV** button.
   All the on screen displays appear in the selected language.

# On Screen Menus and Displays




1. Press the **MENU** button to display the main menu.
2. Press the **CH▲▼** button to select menus- Picture, Sound, Special, Setup.
3. Adjust each menu with the **VOL◀▶** button.
4. Press the **MENU** button to return to the preceding menu.
5. Press the **TV/AV** button to finish adjusting the menu.

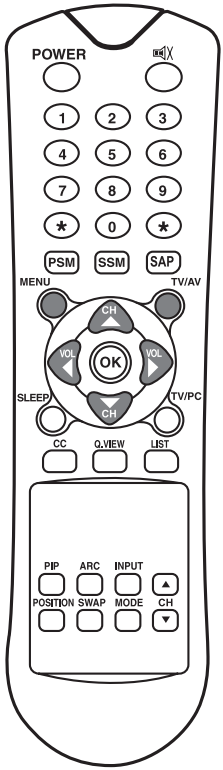
# Setting up a TV Programs

Once you have preset the programs, you can use the **CH▲▼** or **NUMBER** buttons to scan the programs. Programs can be tuned using automatic or manual modes.

## Auto Program

Automatically memorizes all of the receivable channels on a hospital's cable TV system.
Press the **MENU** button on the remote.

1. Press the **CH▲▼** button to select **Table**.
2. Press the **VOL◀▶** button to select the TV cable system in your hospital.
   Table = V/UHF is used for a cable system that has a master antenna and usually can receive only local TV stations.
   Table = Cable is used when a hospital cable system has both local and satellite TV channels available. Cable Table is most common in hospital TV cable systems.
3. Select the **Group Select** menu with the **CH▲▼** button. Press the **VOL◀▶** button to select a group.
4. Press the **CH▲▼** button to select the **Start** menu.
5. Press the **VOL◀▶** button to an auto program-selected group. The TV searches all available channels looking for signals and memorizes active channels. Occasionally, strong over-the-air stations sneak onto the cable system.
   To remove unwanted channels, see **Manual Program**.
6. Press the **MENU** button to finish auto programming.
7. Press the **TV/AV** button to return to normal TV viewing.




**Note;**

- Press the **CH▲▼** buttons to review the memorized channels after auto programming is finished.
- If you press the MENU button during auto programming, the function stops and only channels programmed up to that point in remain.

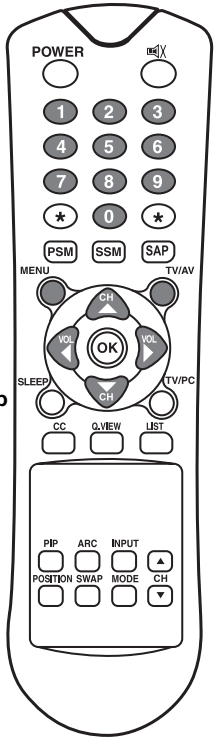
# Setting up a TV Programs

## Manual Program

Manual Program lets you manually add or delete channels.

1. Tune to the channel you want to add or delete.
   Press the **MENU** button.
2. Select the **Setup** menu.
3. Select the **Manual Program** menu.
4. Press the **VOL**◀▶buttons or number buttons to select a channel.
5. Press the **CH**▲▼ button to select **Table**.
6. Press the **CH**▲▼ button to select **Edit name** and press the **VOL**◀▶button repeatedly to edit the program name.

   You can use 0 to 9 and A to Z(capital and lowercase), space, and hyphen(-).
7. Select the **Group Select** menu with the **CH**▲▼button. Press the **VOL**◀▶ button to select group.
8. Select **Skip** On or Off with the **VOL**◀▶button. With **Skip** On, the current channel is be removed from the TV's memory and is not be available for viewing.
   With **Skip** Off, the current channel is be saved in the TV's memory. The deleted channel can still be viewed by directly entering the channel's number using the IR remote's keypad.
9. Press the **TV/AV** button to return to normal TV viewing.

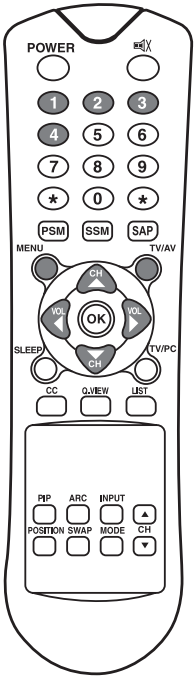


# Setting up a TV Programs

## Program List

The program list displays channel information and a select group of channels.

1. Press the **MENU** button.
2. Select the **Setup** menu.
3. Select the **Program List** menu with the **CH▲▼** and **VOL◀▶** buttons.
4. Select a group of channels with the **CH▲▼** or **VOL◀▶** button.
5. Press the digit number of each corresponding group.
6. Press the digit number of each deleted corresponding group.



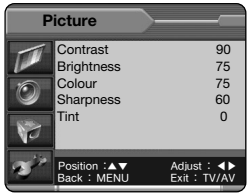

**Paging through a Program list**

When the set is in TV mode, there are seven program table pages that contain 69 programs. When the set is cable mode, there are 13 program table pages that contain 125 programs. Pressing the **CH▲▼** or **VOL◀▶** button repeatedly to turn the pages.

# Picture Control

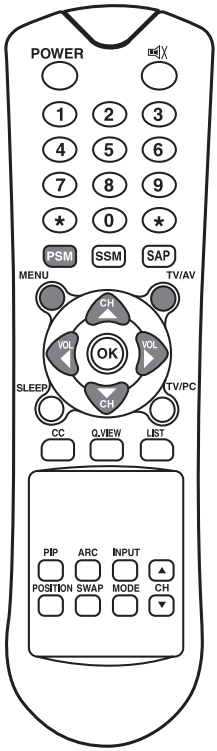
You can adjust picture **Contrast**, **Brightness**, **Colour**, **Sharpness** and **Tint** to the levels you prefer.

## Manual Picture Control




1. Press the **MENU** button.
2. Select the **Picture** menu.
3. Press the **CH▲▼** button select a picture item.
4. Press the **VOL◀▶** button to adjust the picture condition as you want.
5. Press the **TV/AV** button to store for the picture **User**.

| Selected Item | Setting Change |
|---|---|
| Contrast | More darkness VOL◀ 0~100 ▶VOL More light |
| Brightness | Less bright VOL◀ 0~100 ▶VOL More bright |
| Colour | Lower color intensity VOL◀ 0~100 ▶VOL Higher color intensity |
| Sharpness | Soft picture VOL◀ 0~100 ▶VOL Sharp picture |
| Tint | More purple VOL◀ -50~50 ▶VOL More green |




## Auto Picture Control

*The Picture options - Dynamic, Standard, Mild and Game are programd for good picture reproduction at the factory and cannot be changed.

### PSM (Picture Status Memory)

1. Press the **PSM** button.
2. Press the **PSM** button repeatedly to select [PSM].

Each press of the button changes the screen display as below.

**Dynamic → Standard → Mild → Game → User**

- **Dynamic** : Vivid Picture Appearance
- **Standard** : Standard Picture Appearance
- **Mild** : Softer Picture Appearance
- **Game** : External Video Game Picture Setup
- **User** : Manual Picture Setup

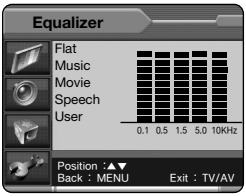
**Note.** In PC mode, **PSM** function isn't available.

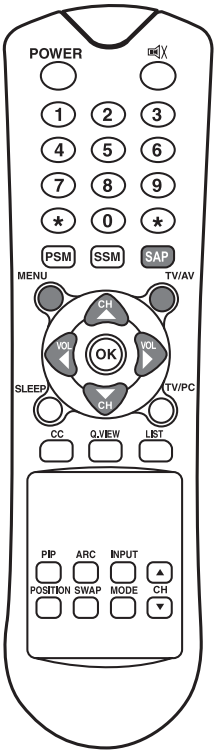
# Sound Control

You can select your preferred sound setting- Flat, Music, Movie, Speech

## Equalizer

1. Press the **MENU** button on the remote.
2. Select the **Sound** menu.
3. Press the **CH▲▼** button and select **Equalizer**.
4. A listing of available frequency bands and current settings will be displayed.
5. The Flat, Music, Movie, and Speech settings are factory preset sound modes and cannot be adjusted. Select **User** to adjust and customize the sound equalization.




6. Press the **VOL◀▶** button to select the desired sound band.
7. Press the **CH▲▼** button to adjust the strength of sound for that particular sound band. Alternately, press **VOL◀▶** to select the next desired sound band and adjust with the **CH▲▼** button.
8. Press the **MENU** button to return to the preceding Menu and the **TV/AV** button to return to normal TV viewing.

## SSM-Sound Status Memory

Selection of the factory preset sound modes and user mode is available directly using the remote control.

1. Press the **SSM** button to display the current Sound Equalizer setting.
2. Press the **SSM** button repeatedly to advance and select a different equalizer setting.

**Flat → Music → Movie → Speech → User**

3. Press the **OK** button to accept the current selection.

## Balance

Adjusts the sound balance from the left and right speakers mounted in the TV. Balance has no effect on the pillow speaker.

1. Press the **MENU** button.
2. Select **Sound** from the menu.
3. Press the **CH▲▼** button and select **Balance**.
4. Press **VOL◀▶** to adjust the sound balance from the TV. (L50~0~R50)
5. Press the **MENU** button to return to the preceding Menu and the **TV/AV** button to return to normal TV viewing.

# Sound Control

## AVL

Automatic volume level control is available through this setting. If you switch AVL on, the TV automatically maintains the volume level, even when you change the channel. It is be limited to two-thirds of maximum loudness. This feature prevents sound blasting during commercials.

1. Press the **MENU** button.
2. Select **Sound**.
3. Press the **CH** ▲▼ button to select **AVL**.
4. Press **VOL** ◀▶ to select **On** or **Off**.
5. Press the **MENU** button to return to the preceding menu and the **TV/AV** button to return to normal TV viewing.

## Sound Mode

You can select the type of sound generated by the television.

1. Press the **MENU** button.
2. Select **Sound** from the menu.
3. Press the **CH** ▲▼ button and select **Sound Mode**.
4. Press **VOL** ◀▶ to select the type of sound generated by the television TV.

| | |
|---|---|
| STEREO | Discrete left and right audio channels heard through both the left and right TV speakers. |
| MONO | Single channel of sound heard through both the left and right TV speakers. |
| SAP | Secondary Audio Program – Used for bi-lingual programs. Note: The viewed program channel must be encoded with a SAP signal for this mode to work. |

5. Press the **MENU** button to return to the preceding menu and the **TV/AV** button to return to normal TV viewing.
   Alternately, the type of sound can be set using the remote control's **SAP** button.

## Maximum Volume

If you set Maximum Volume, the volume cannot be higher than the maximum volume.

1. Press the **MENU** button.
2. Select **Sound** from the menu.
3. Press the **CH** ▲▼ button and select **Maximum Volume**.
4. Press the **VOL** ◀▶ button to determine the allowable maximum volume level.

## Minimum Volume

If you set Minimum Volume, the volume cannot be lower than the minimum volume.

1. Press the **MENU** button.
2. Select **Sound** from the menu.
3. Press the **CH** ▲▼ button and select **Minimum Volume**.
4. Press the **VOL** ◀▶ button to determine the allowable minimum volume level.

## Power on Volume

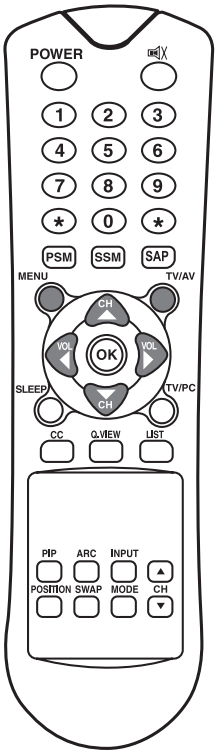
1. Press the **MENU** button.
2. Select **Sound** from the menu.
3. Press the **CH** ▲▼ button and select **Power on Volume**.
4. Press the **VOL** ◀▶ button to determine your preferred volume when the TV turns on.

# Special Functions

## Clock

You must set the clock in order to use the timer features.
You can set an automatic TV **On** or **Off** time.

1. Press the **MENU** button.
2. Press the **CH▲▼** button to select the **Special** menu.
3. Press the **VOL◀▶** button to select the **Clock** menu.




4. Set the present time with the numeric buttons and the **CH▲▼** button on the remote controller. Store a time value between 00:00 … 23:59(hours:minutes)
5. Press the **CH▲▼** button to select **Off Time**.
6. Set the TV off time with the numeric buttons and the **CH▲▼** button and press the **VOL◀▶** button. Select **On** or **Off** with **CH▲▼** button.(When the setting is off, the TV set is be switched off to stand-by mode.)
7. Press the **CH▲▼** button to select **On Time**.
8. Set the TV on time with the numeric buttons and the **CH▲▼** button and press the **VOL◀▶** button. Select **On** or **Off** with **CH▲▼** button. When the setting is On, the set is switched On automatically to the last selected program.
9. Press the **CH▲▼** button to select **On Program**.
   You can select the first displayed program with the **VOL◀▶** button when the set is automatically switched on.
10. Press the **TV/AV** button to return to normal TV viewing.

**Note.** To use the clock function, the current time must be set.

## Blue Back

If no signal is received or if the signal is weak, a blue screen automatically replaces the noisy picture background.
If you want to continue viewing the poor picture, you select **Blue Back On**.
(Press the **VOL◀▶** button to alternate between on and off)

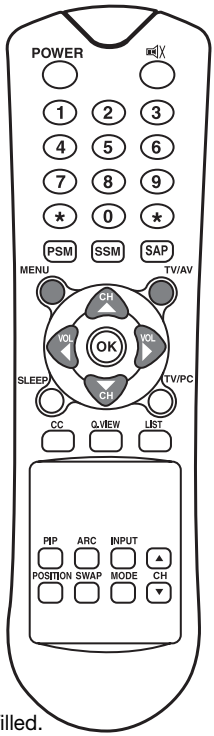
# Special Functions

## Auto Sleep

If you select **Auto Sleep On**, the set automatically switchs to standby mode approximately ten minutes after a TV channel stops broadcasting.

1. Press the **MENU** button.
2. Select the **Special** menu.
3. Press the **CH▲▼** button to select **Auto Sleep**.
4. Press the **VOL◀▶** button to select **On**.
5. Press the **TV/AV** button to return to normal TV viewing.

**Note.** If the set connects with the external input source in the middle of a lapse of 10 minutes after a TV channel stops broadcasting, the auto sleep function is automatically canceled.




## Radio

You can listen to the radio over the TV.

1. Press the **MENU** button.
2. Press the **CH▲▼** button to select the **Special** menu and press the **VOL◀▶** button.
3. Press the **CH▲▼** button to select Radio.
4. Press the **VOL◀▶** button to select Radio **On** or **Off**.

**Note.** When the setting is **On**, you can adjust the radio function in radio mode. (see page 29)

## ARC (Aspect Ratio Control)

You can watch TV in various picture formats; **16:9, 14:9, 4:3, 16:9 Zoom, 14:9 Zoom, 4:3 Zoom.**

Repeatedly press the **ARC** button to select a picture format.

**16:9** For cinema or general TV programs. The 16:9 screen is viewed as is but a 4:3 screen is magnified to the left and right so that the screen is filled.

**14:9** The 14:9 screen is viewed as it. The 4:3 screen is magnified to the upper/lower and left/right.

**4:3** This picture format is standard 4:3.

**16:9 Zoom** Magnifies the size of the picture on screen 16:9.

**14:9 Zoom** Magnifies the size of the picture on screen 14:9.

**4:3 Zoom** Magnifies the size of the picture on screen 4:3.

**Note.** In **Zoom** mode, you can adjust the position of the picture with the **CH▲▼** button.(The ARc information must be displayed on screen.)

# Special Functions

## Auto Power On

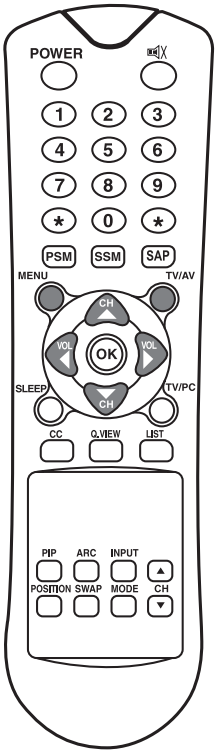
The TV turns on and stays on when stays electrical power is applied to the set.

1. Press the **MENU** button.
2. Press the **CH** ▲▼ button to select the **Special** menu and press the **VOL** ◀▶ button.
3. Press the **CH** ▲▼ button to select **Auto Power on**.
4. Press the **VOL** ◀▶ button to select on or off.

## Bed A/B

You can select remote control A or B.

1. Press the **MENU** button.
2. Press the **CH** ▲▼ button to select the **Special** menu and press the **VOL** ◀▶ buttons.
3. Press the **CH** ▲▼ button to select **Bed A/B**.
4. Press the **VOL** ◀▶ button to select remote control A or B.



# Parental Control

1. Press the **MENU** button.
2. Select the **Special** menu.
3. Press the **CH▲▼** button to select Parental Control, and press the **VOL◀▶** button.button. (Parental Control is displayed when the setting for the OSD Display service menu is V-Chip Off.)
4. The "Enter Password" screen is displayed. Enter your 4-digit password.

**Note** : The default Input password for a new TV set is "0000" the "Parental Control" screen is displayed.

5. Use the **VOL◀▶** and **CH▲▼** buttons to select and adjust or set the rating for the TV or MPAA.
6. Press the **VOL◀▶** button to select the TV rating and press the **CH▲▼**button to move to one of the six age-based categories, Press the **VOL◀▶** button to move to one of the levels in each row.
7. At this point, one of the TV-Ratings is selected. Press the **CH▲▼**button. Depending on your existing setup, U or B is highlighted. (U=Unblocked, B=Blocked)
8. While the U or B is highlighted, press the **VOL◀▶** button to the block or unblock the category.
9. To select a different TV rating press the **CH▲▼**buttons with the cusor in the first column.
10. Press the **VOL◀▶** button to select the MPAA rating and press the **CH▲▼** buttons to select a particular MPAA rating. Press the **VOL◀▶** button to change the U or B.
11. If you want to change your password, select the Change Password menu. Enter your new password. Re-enter the same 4 digits. Press the OK button to memorize your new password. After you have selected and adjusted the Parental Control menu options to your preferences:
    - Set the hours for Parental Control to be active.
    - Set a 4 number password.
    - Set the Lock On/Off option.

# INFORMATION

## MOTION PICTURE ASSOCIATION OF USA (MPAA) RATING SYSTEM

| Grade | | Meaning |
|---|---|---|
| G | General Audiences | Contents is not offensive to most viewers |
| PG | Parental Guidance Suggested | Content is such that parents may not want their children to view the program. |
| PG-13 | Parental Guidance Suggested | Program is inappropriate for preteens, with a greater degree of offensive material suggested than a PG rated program |
| R | Restricted viewing | Not for children under age 17. Strong elements of sex and/or violence. |
| NC-17 | Restricted Viewing | Not for children under age 17 under any circumstances. Strong sexual content. |
| X | Hard Core Films | Same as NC-17 rating. |
| No Rating | No Rating | MPAA Not Rated |

## TV PARENTAL GUIDELINE RATING SYSTEM

| Grade | | Meaning |
|---|---|---|
| TV-Y | General Audience | Considered suitable for all children under 7 years old. |
| TV-Y7 | Children 7 and over | Considered suitable for children over 7, may contain fantasy violence scenes. |
| TV-G | Parental Guidance | Considered suitable for all audiences; children may watch unattended. |
| TV-PG | Parents Strongly Cautioned | Suggested unsuitable for younger children, may contain: suggestive dialog, bad language, sex, and violence scenes |
| TV-14 | Parents Strongly Cautioned | Unsuitable for children under 14, may contain: strong dialog, bad language, sex, and violence scenes. |
| TV-MA | Mature Audience Only | Adults only, may contain: strong dialog, bad language, sex, and violence scenes. |

**Note** : The V-Chip automatically blocks certain categories that are more restrictive.
If you block the TV-Y category, then TV-Y7 is be automatically blocked.
Similarly, if you block TV-G category, then all the categories in the young adult are blocked(TV-G, TV-PG, TV-14 and TV-MA).

# INFORMATION

## The TV sub rating

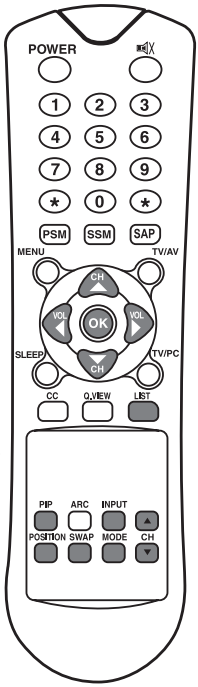
| Grade | Meaning |
|---|---|
| FV | Fantasy Violence |
| V | Violence |
| S | Sexual Situation |
| L | Adult Language |
| D | Sexual Suggestive Dialog |

**Note** ; TV-Y7, TV-PG, TV-14 and TV-MA have additional options. See the next step to change.
To set the FV, D, L, S or V sub-ratings, select a TV rating TV-Y7, TV-PG, TV-14 and TV-MA
While the TV rating is highlighted, repeatedly press the **VOL** ◀▶ button.
The TV cycles through the available sub-ratings(FV, D, L, S or V).
A highlighted letter('U' or 'B') is displayed for each sub-rating.
While the 'U' or 'B' is highlighted. Press the **CH** ▲▼ button to change the sub ratings.

# Other Functions

## PIP function

PIP lets you view two separate source inputs on your TV screen at the same time.




### Viewing the PIP Picture

Press the **PIP** button.
(Press the PIP button again to turn PIP off.)
**Note** : The PIP function is available when the main picture is in PC Digital, PC Analog, or DTV mode.

### Selecting the PIP Picture Mode

Press the **MODE** button to adjust the PIP picture mode.
Each time you press the **MODE** button,
mode is selected 16:1. 9:1 and 3:1.

### Moving the PIP picture

Press the **POSITION** button to adjust the position of sub picture.

### Switching the Main Picture to the Sub Picture

Press the **SWAP** button to switch the main picture to the sub picture.
After a switch, the sub picture is removed.

### Viewing the External Source Input

Press the **INPUT** button to select the input source of the sub picture.
Press the **CH▲▼** button to select the program for the sub picture.

# Service Options

## Power On Channel

**Power on Channel** is used to determine the channel number of each gruop when the TV started on.

1. Press the **MENU** button to select the **Setup** menu
2. Press the **CH** ▲▼ button to select the **Service Option** menu and press the **VOL** ◀▶button.
3. You can determine channel number of each gruop. with the **CH** ▲▼ or the **VOL** ◀▶ button.

**Note**. If channel setting of the Free group is Last, the TV will tune to the last channel viewed when the TV is turned on.

## Group Copy

Group Copy can copy programmed channel among groups.

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button to select the **Group Copy** menu and press the **VOL** ◀▶button.
4. Press the **CH** ▲ button to change the group in the “From” field.
5. Press the **CH** ▼ button to change group in the “To” field.
6. Press the **VOL** ◀▶button to copy.

## Caption

Captioning is a process that converts the audio portion of a television program into written words that than are displayed. on the television screen in a form similar to subtitles. Captions let viewers read program dialogue and narration.

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button to select the **Caption** menu.
4. Each time you press the **VOL** ◀▶button, the caption mode is displayed, one as show below.

**Off → CC1 → CC2 → CC On Mute**

5. Press the **TV/AV** button to exit and return to normal TV viewing.

**Note.** With Caption “CC On Mute” , press the mute button to select sound mute. Caption does function.
Alternately, Caption can be set using the remote control’s CC button.

# Service Options

## Saved Captioning

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button select the **Saved Captioning** menu.
4. Press the **VOL** ◀▶ button select On or Off.

With **Saved Captioning** on, the last caption state is maintained when the TV is turned on.
With **Saved Captioning** off, captioning is turned off when the TV is turned on.

## Video Mute

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button to select the **Video Mute** menu.
4. Press the **VOL** ◀▶ button to select on or off.

With **Video Mute** on, the screen is black with only the sound on.

## 3 Digit Entry

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button to select the **3 Digit Entry** menu.
4. Press the **VOL** ◀▶ button to select on or off.

With 3 Digit Entry on, You can enter channel numbers above 99.

## Group Select

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button to select the **Group Select** menu.
4. Press the **VOL** ◀▶ button to select group sort.

## Panel Lock

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **Service Option** menu.
3. Press the **CH** ▲▼ button to select the **Panel Lock** menu.
4. Press the **VOL** ◀▶ button to select Disabled, MENU or Lock.

With **Panel Lock** disabled, All local TV buttons can be used.
With **Panel Lock** set to MENU, All local buttons can be used except MENU and TV/AV.
With **Panel Lock** set to Lock, No local TV buttons can be used.

# OSD Display Service

## V-Chip Menu

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **OSD Display Service** menu.
3. Press the **CH** ▲▼ button to select the **V-Chip** menu.
4. Press the **VOL** ◀▶ button to select On or Off

With **V-Chip Menu** on, parental control of the Special menu is hidden.

## Channel OSD Listing

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **OSD Display Service** menu.
3. Press the **CH** ▲▼ button to select the **Channel OSD Listing** menu.
4. Press the **VOL** ◀▶ button to select On or Off

With **Channel OSD Listing** on, The program list is not displayed when the List button is pressed.

## Volume Bar

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **OSD Display Service** menu.
3. Press the **CH** ▲▼ button to select the **Volume Bar** menu.
4. Press the **VOL** ◀▶ button to select On or Off.

With **Volume Bar** on, The volume bar at the bottom of screen is not displayed.

## Channel Labels

1. Press the **MENU** button to select the **Setup** menu.
2. Press the **CH** ▲▼ button to select the **OSD Display Service** menu.
3. Press the **CH** ▲▼ button to select the **Channel Labels** menu.
4. Press the **VOL** ◀▶ button to select On or Off

With **Channel Labels** on, The channel name at the top of screen is not displayed.

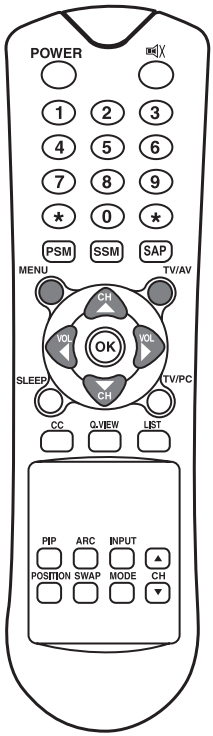
# Radio Control

This function is possible only when the set is in Radio mode.(Radio mode is displayed when the setting for the special menu is Radio On.)

1. Use the **TV/AV** button on the remote control to select **Radio mode**.
2. Press the **MENU** button to select **Radio Setup** menu.
3. Press the **VOL◀▶** button repeatedly to select **Mode Auto** or **Manual**.
   * When the **Radio Setup** mode is **Auto**, only the programs stored in memory are selected.
   * When the **Radio Setup** mode is **Manual**, all frequencies are selected.
4. Press the **CH▲▼** button to select **Frequency** and press the **VOL◀▶** button repeatedly to select a station. If you press the **VOL◀▶** button continually for more than two seconds. It automatically changes the current frequency into next frequency.
5. Press the **CH▲▼** button to select **Program** and press the **VOL◀▶** button repeatedly to select a program.
6. Press the **CH▲▼** button to select **memorize** and press the **VOL◀▶** button.
7. Press the **CH▲▼** button to select **Delete**. Select **Off** with the **VOL◀▶** button to delete the station.
8. Press the **CH▲▼** button to select **Auto Program**.
9. Press the **VOL◀▶** button repeatedly to automatically scan and tune to the next available station.

10. Press the **PR▲▼** button to select **Off Time** and press the **VOL◀▶** button repeatedly to select Off, 5, 10, 30(minutes). The on-screen displays disappear after the selected time.(when you select Off, the on-screen displays do not disappear.) The display identifies the status of radio settings.

11. Press the **CH▲▼** button to select **Edit Name** and press the **VOL◀▶** button to edit do radio name.




12. You can assign a radio name up to eight characters.. Press the **CH▲▼** button repeatedly. You can use 0 to 9 and A to Z(uppercase and lowercase) and space With the **VOL◀▶** button, you can select in the opposite direction.
13. Press the **MENU** button to return to previous menu.
14. Press the **TV/AV** button to exit. The radio setting is displayed.

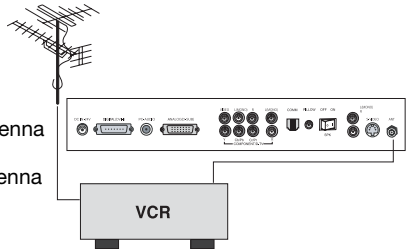
**Note.** If you want to listen to the radio, the ANT jack must be connected to the set's antenna input.
The Radio function is available when the setting for the Special menu is Radio On.

# External Equipment Connections

You can connect additional equipment, such as VCRs, camcorders etc. to your set. Examples are shown below.

## Antenna connection

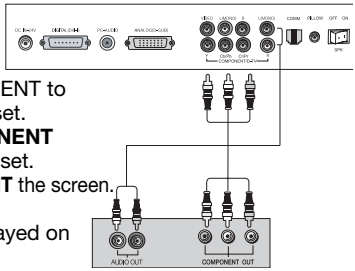
1. Connect RF out on the VCR to the antenna input on the rear of the TV.
2. Connect the antenna cable to the antenna in jack on the VCR.
3. Press the **TV/AV** button to select Antenna Input source.
4. Press the **PLAY** button on the VCR.




## COMPONENT INPUT

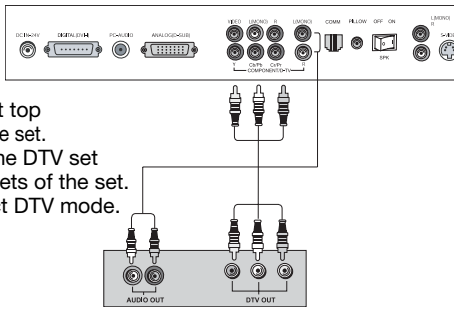
1. Connect the COMPONENT video output sockets (Y Cb Cr) of the COMPONENT to the **COMPONENT INPUT** sockets of the set.
2. Connect the audio cable from the **COMPONENT** to the COMPONENT INPUT sockets of the set.
3. Press the **TV/AV** button to select **COMPONENT** the screen.
4. Press the **PLAY** button on the DVD.

The COMPONENT playback picture is displayed on the screen.



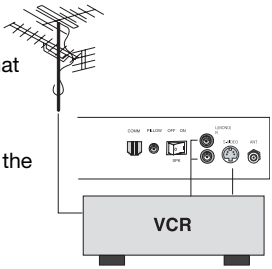

## DTV Input

1. Connect the DTV video output sockets(Y,Pb, Pr) of the DTV set top box to the DTV Input sockets of the set.
2. Connect the audio cable from the DTV set top box to the Audio Input sockets of the set.
3. Press the TV/AV button to select DTV mode.



# External Equipment Connections

## S-VIDEO INPUT

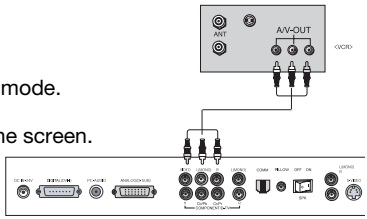



The picture quality of a s-video source a better than that of a video source.

1. Connect the S-VIDEO output of a VCR to the **S-VIDEO** input on the TV.
2. Connect the audio cables from the S-VIDEO on the VCR to the **L (MONO) R** inputs on the TV.
3. Select **S-VIDEO** mode by pressing the **TV/AV** button repeatedly.
4. Press the **PLAY** button on the VCR.

The VCR playback picture is displayed on the screen.

## A/V INPUT




1. Connect the A/V out jacks on the VCR to A/V in jacks on the TV.
2. Press the **TV/AV** button to select **VIDEO** mode.
3. Press the **PLAY** button on the VCR.

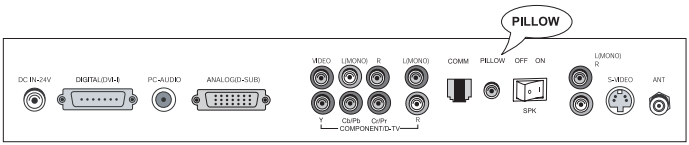
The VCR playback picture is displayed on the screen.

**Note** : If you have a mono VCR, connect the audio cable from the VCR to the **L(MONO)** socket on set.

## PILLOW

1. Connect the pillow speaker to the PILLOW jack.
2. Control of the TV is now possible using the pillow speaker.

**Note** : If the pillow speaker's volume is too low, increase the volume on the TV using the **VOL◀▶** buttons

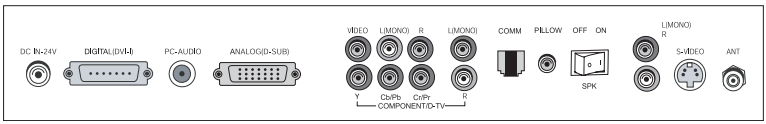



## SPK

The internal TV speakers can be turned OFF for privacy.
TV sound will be heard only on the pillow speaker.

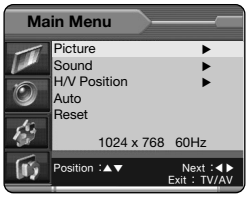
1. To turn off the TV's speakers, press "O".
2. To turn on the TV's speakers, press the "I".

**Note** : Pillow speaker sound is always present.
The SPK switch also turns off the H/P headphone jack.



# Connecting the PC as a Monitor

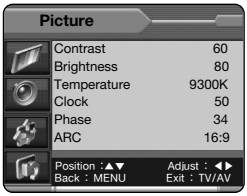
This function is enabled only when the set is in PC mode.
Use the **TV/AV** button on the remote controller.




## Picture Adjustment

You can adjust the picture **Contrast**, **Brightness**, **Temperature**, **Clock**, **Phase** and **ARC**.

1. Press the **TV/AV** button to select the PC mode.
2. Press the **MENU** button.
3. Select a **Picture**.
4. Press the **CH▲▼** button to select a picture item.
5. Press the **VOL◀▶** button to make appropriate adjustments.
6. Press the **TV/AV** button to exit from menu.




**Contrast**
This function makes the **picture** light/dark.

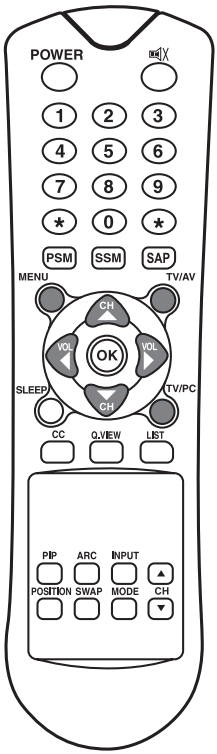
**Brightness**
This function adjusts the **brightness** of the picture.

**Temperature**
Temperature is a measure of the warmth of the image color.
Note. Press the PSM button to directly change the temperature.

**Clock**
This function minimizes any vertical bars or stripes on the screen background. The horizontal screen size also changes.
**Note** : The mediation range is different for different resolutions.

**Phase**
This function lets you remove horizontal noise and clears or sharpens the image of characters.

**ARC (Aspect Ratio Control)**
Selects a screen mode;4:3 or 16:9
* 4:3 mode : Sets the picture to 4:3 normal mode.
* 16:9 mode : Sets the picture to 16:9 wide mode.



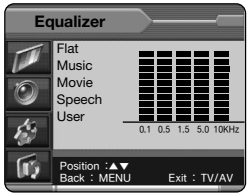
4 : 3

16 : 9

# Connecting the PC as a Monitor

## Sound Adjustment

1. Press the **MENU** button.
2. Select the **Sound** menu.
3. Press the **CH▲▼** button to select the sound **Equalizer, Balance, AVL, Surround** or **Sound Mode**.
4. Press the **VOL◀▶** button to make an adjustment.
5. Press the **VOL◀▶** button in **Equalizer** to set the **Equalizer**.
6. Press the **CH▲▼** button to select your preferred setting ; **Flat, Music, Movie, Speech** or **User**.
   To set the Equalizer User:
   a. Select **User** by pressing the **CH▲▼** button.
   b. Select a sound band by pressing the **VOL◀▶** button.
   c. Select the appropriate sound level with the **CH▲▼** button.
   d. Press the **MENU** button to return to preceding menu.




7. Press the **CH▲▼** button to the **Balance** menu.
8. Select the Balance menu with the **VOL◀▶** button and adjust the speaker balance.
9. Select the **AVL**(Automatic Volume Leveler) menu **ON** or **OFF**.
10. Select the **Surround** menu **ON** or **OFF**.
11. Select the **Sound Mode** with **CH▲▼** button.
12. Press the **VOL◀▶** button to select sound mode – **L+R, L+L, R+R.**

    **L+R** : Audio signal from audio L input is sent to left speaker and audio signal from audio R input is sent to right speaker.

    **L+L** : Audio signal from audio L input is sent to left and right speakers.

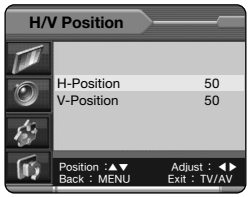
    **R+R** : Audio signal from audio R input is sent to left and right speakers.

13. Select the **Input** with **CH▲▼** button.
14. Press the **VOL◀▶** button to select Input – PC, PIP.
    When selecting PC input, sound of PC on.
    When selecting PIP input, with PIP on, PIP sound on.
    with PIP off, PC sound on.

# Connecting the PC as a Monitor

## Position Adjustment

This function adjusts picture left/right and up/down.




1. Press the **MENU** button.
2. Select the **H/V Position** menu.
3. Press the **CH▲▼** button to select a position.
4. Press the **VOL◀▶** button to adjust the horizontal position and vertical positions.
5. Press the **TV/AV** button to exit from the menu.

## Auto

This function automatically adjusts the screen position, clock and clock, phase. The displayed image disappears for a few seconds while the Auto-configuration is in process.

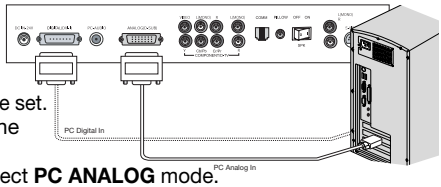
**Note:** Some signals from some graphics boards may not function properly. If the results are unsatisfactory, adjust your monitor's position, clock, and clock phase manually.

## Reset

This function lets you return to the default picture reproduction programd at the factory.
The default setting cannot be changed.

# Connecting the PC as a Monitor

## PC ANALOG INPUT




1. Connect the PC IN cable (D-sub jack) from the monitor output socket of the PC to the PC ANALOG input socket of the set.
2. Connect the PC Audio IN cable from the PC to the **PC AUDIO IN** of the set.
3. Press the **TV/AV** or **TV/PC** button to select **PC ANALOG** mode.
4. Switch on the PC, and the PC screen is displayed on the set.

The set can be operated as a PC monitor.

## DVI (Digital Visual Interface) INPUT

1. Connect the PC DVI to the PC Digital input on the TV.
2. Select PC-DIGITAL mode by pressing the TV/AV button repeatedly.
   (When the DVI source is connected, TV/AV mode converts PC to DVI mode.)

**Resolution**

| Mode | Resolution | Horizontal Frequency(KHz) | Vertical Frequency(Hz) |
|---|---|---|---|
| VGA | 640 x 480 | 31.5 KHz | 60 Hz |
| | 640 x 480 | 37.9 KHz | 72 Hz |
| | 640 x 480 | 37.5 KHz | 75 Hz |
| | 720 x 400 | 31.4 KHz | 70 Hz |
| SVGA | 800 x 600 | 35.1 KHz | 56 Hz |
| | 800 x 600 | 37.9 KHz | 60 Hz |
| | 800 x 600 | 48.1 KHz | 72 Hz |
| | 800 x 600 | 46.9 KHz | 75 Hz |
| XGA | 1024 x 768 | 48.4 KHz | 60 Hz |
| | 1024 x 768 | 56.5 KHz | 70 Hz |
| | 1024 x 768 | 60.0 KHz | 75 Hz |
| WXGA | 1280 x 768 | 47.4 KHz | 60Hz RB |
| | 1280 x 768 | 47.8 KHz | 60 Hz |
| | 1360 X 768 | 47.7 KHz | 60 Hz |
| DTV | 720 x 480p | 31.5 KHz | 60 Hz |
| | 720 x 576p | 31.2 KHz | 50 Hz |
| | 1280 x 720p | 45.0 KHz | 60 Hz |
| | 1280 x 720p | 37.5 KHz | 50 Hz |
| | 1920 x 1080i | 33.7 KHz | 60 Hz |
| | 1920 x 1080i | 28.1 KHz | 50 Hz |

**Note:**

a. If the set is cold, there may be a small flicker when the set is switched on.
   This is normal: there is nothing wrong with the set.
b. Some dot defects may appear on the screen, like red, green or blue spots.
   This will have no impact or effect on the monitor performance.
c. Unsupported resolution appear at the nearest supported resolution.
   * The standard of the resolution which gets near : H/V sync.

# Product Specifications

| Model | LT-26H5UD | |
|---|---|---|
| Main body (with stand) | Horizontal size: 768(768) mm | Thickness: 102(215) mm |
| | Height: 442(497.5) mm | Weight: 12.81(14.56) kg |
| Power requirements | DC 24V/6.0A | |
| Television system | NTSC | |
| Television program | VHF: 2~13 UHF :14~69 Cable : 01~125 | |
| LCD panel | 26" WIDE TFT LCD panel | |
| Resolution | WXGA | |
| Power consumption | 140W | |
| External antenna impedance | 75Ω | |
| Audio output | 10W + 10W | |
| External input ports | • DC 24V IN<br>• PILLOW speaker<br>• PC ANALOG IN<br>• AV IN<br>• S-VIDEO<br>• SPK | • PC DIGITAL IN<br>• PC/DVI-AUDIO IN<br>• COMPONENT IN<br>• COMM<br>• ANTENNA |
| AC/DC power adaptor | 100-240Va.c. 50/60Hz<br>Output : 24Vd.c., 6.0A | |

# Troubleshooting

| Problem | Check item |
|---|---|
| No picture on screen and no sound from speakers | • Insert the AC power cord plug securely in AC power outlet.<br>• Make sure the set is not in the standby mode the POWER/Standby indicator is red). |
| No picture/No picture from AV terminal | • Check the brightness setting of the display.<br>• The lamp may be malfunctioning.<br>• Make sure a cable with no video input signal is connected to the S-VIDEO INPUT terminal. |
| Picture is displayed, but no sound from the speakers. | • Check the sound setting.<br>• Make sure the sound is not muted.<br>• Make sure a pair of headphones is not connected.<br>• Make sure the connectors for the optional speaker system are securely inserted. |
| Picture is too light | • Check the color and contrast settings. |
| Picture is too dark. | • Make sure the brightness setting is not set too low.<br>• The lamp may be malfunctioning. |
| Remote control does not work. | • Change the batteries.<br>• Make sure the infrared transmitter window is not receiving strong light such as light from fluorescent lamps. |
| The picture is not sharp.<br>The picture moves. | •The reception may be weak.<br>• The state of the broadcast may be bad.<br>• Make sure the antenna is facing in the right direction.<br>• Make sure the outside antenna is not disconnected. |
| The picture is doubled or tripled. | • Make sure the antenna is facing in the right direction.<br>• There may be reflected electric waves from mountains or buildings. |
| The picture is spotted. | • There may be interference from automobiles, trains, high voltage lines, neon lights, etc.<br>• There may be interference between the antenna cable and the power cable. Try moving them further apart. |
| There are stripes on the screen or colors fade. | • Is the unit receiving interference from other devices? Transmission antennas of radio broadcasting stations and transmission from radio and amateur radio antennasand phones may cause interference.<br>• Use the unit as far away as possible from devices that may cause away interference. |

# Limited Warranty

# NOTES