

HITACHI
Inspire the Next

55|48
ULTRATHIN
LED
LCD HDTV



Models

LE55W806

55" Class (54.64" Diagonal)

LE48W806

48" Class (47.61" Diagonal)

Owner's Guide

Simulated image.
Image may differ from actual product.

Thank you for purchasing this Hitachi product. Please read these instructions carefully.
For additional assistance please call 1-888-333-1899(U.S.A. or Puerto Rico), or 01-800-700-4321(Mexico) or visit our website at www.hitachi.us/tv.

Keep this owner's guide for future reference.

Record the model number and serial number of your LCD Television for future reference.

This information is located on the back of the television.

MODEL NUMBER _____ SERIAL NUMBER _____

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	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.		



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 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 appliance.

WARNING:	TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.
CAUTION:	TO PREVENT ELECTRIC SHOCK, THIS APPLIANCE MUST BE CONNECTED TO AN OUTLET WITH A PROTECTIVE EARTHING CONNECTION.

WARNING: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

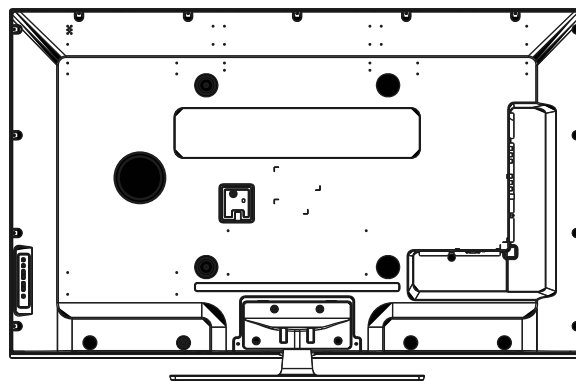
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

Location of the required Marking

The rating sheet and the safety caution are on the rear of the unit.



ENERGY STAR®

This television's factory default settings as shipped meet ENERGY STAR requirements.

This TV has an Auto Shut Off feature that will automatically turn off the TV if there is no video signal detected within 15minutes. Additionally this TV has LED backlighting which has greater energy saving benefits versus conventional CCFL type TV.

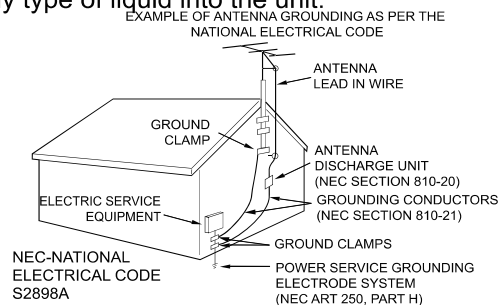
IMPORTANT SAFETY INSTRUCTIONS

ENGLISH

- 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 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) Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.
- 16) 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.
- 17) Do not overload wall outlets and extension cords, as this can result in a risk of fire or electric shock.
- 18) Do not push objects through any openings in this unit, as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid into the unit.
- 19) If an outside antenna or cable system is connected to the unit, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70, 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.
- 20) When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part.
Unauthorized substitutions may result in fire, electric shock or other hazards.
- 21) Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.
- 22) When you connect the product to other equipment, turn off the power and unplug all of the equipment from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.
- 23) Sudden high volume sound may cause hearing or speaker damage. When you use headphones, (if the unit is equipped with a headphone jack) keep the volume at a moderate level. If you use headphones continuously with high volume sound, it may cause hearing damage.



S3125A



IMPORTANT SAFETY INSTRUCTIONS (continued)

- 24) Do not allow the product to output distorted sound for an extended period of time. It may cause speaker overheating and fire.
- 25) This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the NEC that 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 cable entry as practical.
- 26) This apparatus shall be connected to a mains socket outlet with a protective earthing connection.
- 27) The mains plug is used as the disconnect and shall remain readily operable.

CONDENSATION

Moisture will form in the operating section of the unit if the unit is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, unit's performance will be impaired. To prevent this, let the unit stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the unit is exposed to the breeze from an air conditioner. In such cases, change the location of the unit.

HOW TO HANDLE THE LCD PANEL

- Do not press hard or jolt the LCD panel. It may cause the LCD panel glass to break and injury may occur.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation. If the liquid gets in your mouth, immediately gargle and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Possible Adverse Effects on LCD Panel: If a fixed (non-moving) pattern remains on the LCD Panel for long periods of time, the image can become permanently engrained in the LCD Panel and cause subtle but permanent ghost images. This type of damage is NOT COVERED BY YOUR WARRANTY. Never leave your LCD Panel on for long periods of time while it is displaying the following formats or images:

- Fixed Images, such as stock tickers, video game patterns, TV station logos, and websites.
- Special Formats that do not use the entire screen. For example, viewing letterbox style (16:9) media on a normal (4:3) display (black bars at top and bottom of screen); or viewing normal style (4:3) media on a widescreen (16:9) display (black bars on left and right sides of screen).

The following symptoms are not signs of malfunction but technical limitation. Therefore we disclaim any responsibility for these symptoms.

- LCD Panels are manufactured using an extremely high level of precision technology, however sometimes parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.
- Do not install the LCD Panel near electronic equipment that produces electromagnetic waves. Some equipment placed too near this unit may cause interference.
- Effect on infrared devices – There may be interference while using infrared devices such as infrared cordless headphones.

Power source

This LCD television is designed to operate on 120 volts 60 Hz, AC current. Insert the power cord into a 120 volts 60 Hz outlet. To prevent electric shock, do not use the LCD television's plug with an extension cord, receptacle, or other outlet unless the blades and ground terminal can be fully inserted to prevent blade exposure. Never connect the LCD television to 50 Hz, direct current, or anything other than the specified voltage.

Warning

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Caution

Never remove the back cover of the LCD television as this can expose you to very high voltages and other hazards. If the television does not operate properly, unplug the LCD television and call your authorized dealer or service center. Adjust only those controls that are covered in the instructions, as improper changes or modifications not expressly approved by Hitachi could void the user's warranty.

This product contains lead. Dispose of this product in accordance with applicable environmental laws. For product recycling and disposal information, contact your local government agency or www.eRecycle.org (in California), the Electronic Industries Alliance at www.eiae.org (in the US) or the Electronic Product Stewardship Canada at www.epsc.ca (In Canada). For more information, call "1-888-333-1899."

Declaration of Conformity

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For questions regarding this declaration, contact:

Hitachi America, Ltd.
900 Hitachi Way
Chula Vista, CA 91914-3556
ATTN: Customer Relations

CHILD SAFETY:

It Makes A Difference How and Where
You Use Your Flat Panel Display

ENGLISH

Congratulations on your purchase!

As you enjoy your new product, please keep these safety tips on mind:



HITACHI CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.
- Please note the American Academy of Pediatrics discourages television viewing for children younger than two years of age.
- The home theater entertainment experience is a growing trend and larger flat displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat Panel displays that are inappropriately situated on dresser, bookcases, shelves, desks, speakers, chest or carts may fall over and cause injury.

TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.

WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

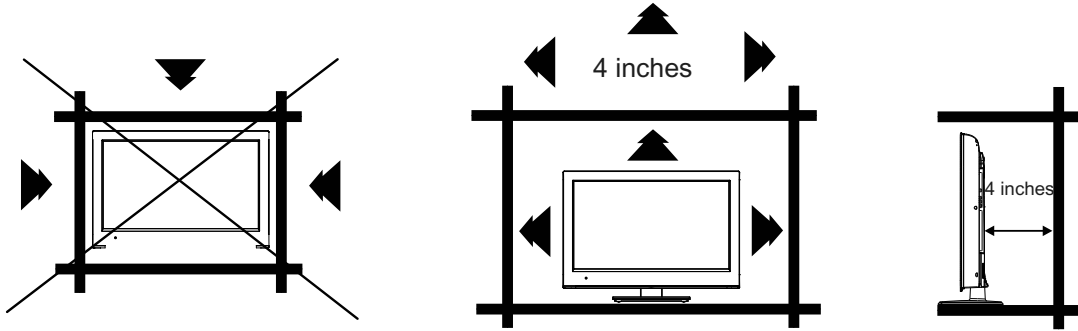
- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.



SAFETY PRECAUTIONS

The unit emits heat when in operation. Do not place any covers or blankets on the unit, this may cause overheating. Do not block ventilation holes, or set up near radiators. Do not place in direct sunlight. When placing on a shelf leave 4 inches (10 cm) free space around the entire unit.

This TV is designed for tabletop or wall mounted use only. Please follow the guidelines below for safe use of this product.



Notes when mounting the LCD TV on a wall

If the unit is to be mounted on the wall, contact the retailer where you purchased the LCD TV for advice, and have the equipment professionally installed. Incomplete or improper installation may cause injury to you, and/or damage to the LCD TV.

The screws ISO M6 thread type should be used. The insertion length must be within 12 - 16mm.

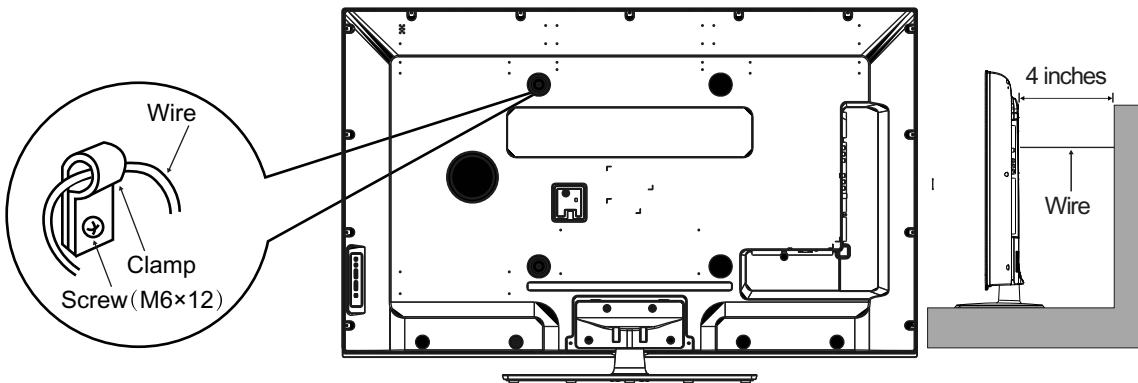
If the insertion length is less than 12mm, the weight can not be maintained.

If the insertion length is more than 16mm, a space is created between the Wall Mount Bracket and the Television.

(Insertion Length) = (Screw Length) - (Washers Thickness) - (Mounting Bracket Thickness)

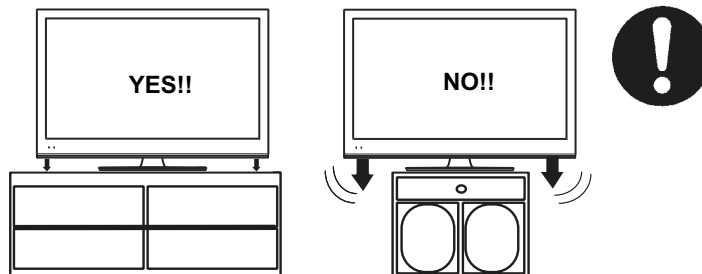
Securing to a Wall

1. Use metallic wire, clamp and screw (not provided) on the rear of the LCD TV as shown below.
2. Use proper hardware (drywall anchor, masonry screw, etc) to secure other end of wire to wall.

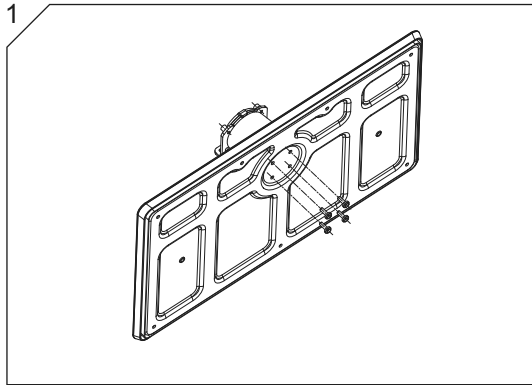


Notice For Use With Included Tabletop Stand

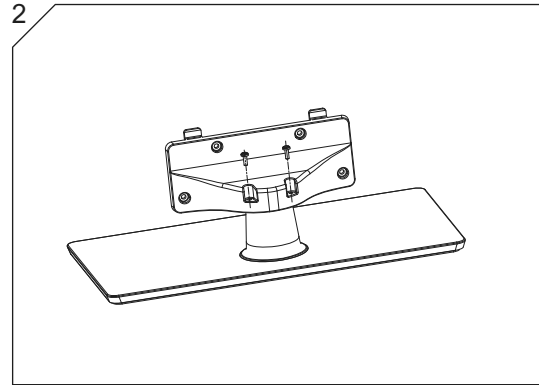
If the unit is to be mounted on a cabinet smaller than length of the unit, it could result in an unstable location and the unit may tumble over, creating a risk of personal, possibly fatal injury. Also, this would damage the product seriously. Accordingly, Hitachi accepts no responsibility or liability for any injuries or property damage resulting from the improper installation.



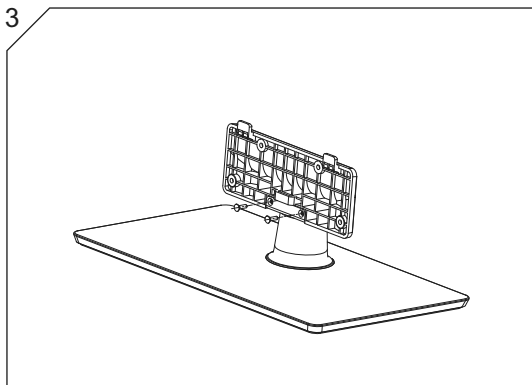
Installing the Tabletop Stand



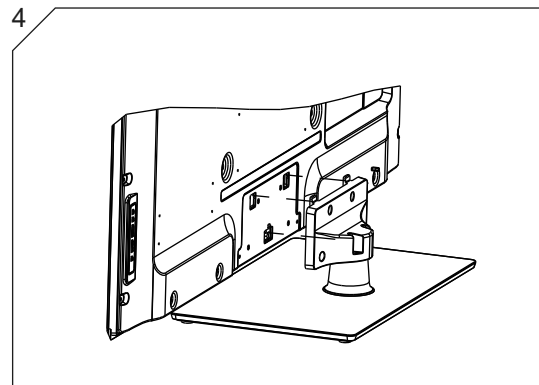
1. Use the four screws(GB/T 818-2000 M5x12) which are in the accessories bag to attach the base plate.



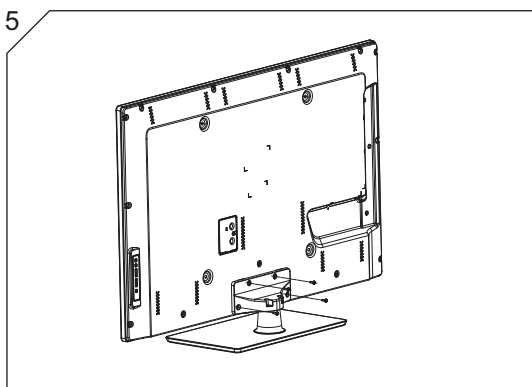
2. Use the two screws(GB/T818-2000 M4X12) which are in the accessories bag to attach the cover plate.



3. Use the two screws(SJ2822-87 ST4X14) which are in the accessories bag to attach the cover plate.



4. Please secure the assembled base are installed to the TV. Make sure that the three hooks on the stand of the head bracket inserted into the three slots at the rear of TV.



5. Use the four screws(GB/T818-2000 M5X12) which are in the accessories bag to attach the base stand to the TV set.

Features

LCD color TV

Unique space saving design combines a 55"/ 48" LCD color TV with the 6 features noted below and more!

- **Integrated Digital Tuner** - You can view digital broadcasts without using a Digital TV Set-Top Box.
- **Closed Caption Decoder With Full Text Mode** - Displays text captions or full screen text on the screen for hearing impaired viewers.
- **Picture Adjustments Using The Remote Control** - The On-Screen display allows precise remote control adjustment of BRIGHTNESS, CONTRAST, COLOR, TINT and SHARPNESS.
- **Programmable TV Sleep Timer** - Operable from the remote control, the TV can be programmed for up to 120 minutes to turn off automatically.
- **On-Screen 3 Language Display** - You can select one of 3 languages, English, Spanish or French for on-screen programming
- **Parental Control** - The Parental Control function can read the rating of a TV program or movie content if the program is encoded with this information. Parental Control will allow you to set a restriction level.

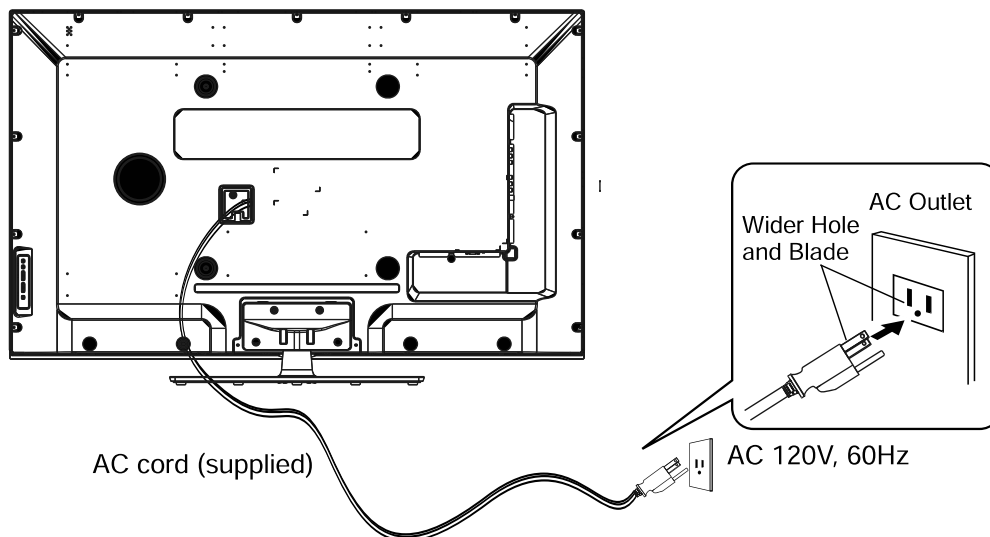
This LCD Television receiver will display television closed captioning, (**CC** or **□**), in accordance with FCC rules.

- * HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
- * Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- * VGA and XGA are trademarks of International Business Machines Corporation.
- * VESA is a registered trademark of the Video Electronics Standard Association.
- * **CONEQ™** Manufactured under license from Real Sound Lab. SIA. CONEQ is a trademark of Real Sound Lab, SIA. CONEQ™ delivers clear, rich sound using proprietary professional equalizing technology. Dialog is clear and music sounds more dynamic when the speakers are perfectly optimized.
- * **CONEQ HA MODE™** (Hearing Aid) technology produces natural sound for the hearing impaired. The listener can enjoy details in music and clear dialog often without the help of a hearing aid.

Power source

TO USE AC POWER

Connect the AC cord into an AC outlet.



NOTES

- Please make sure to insert the cord securely at both the LCD TV and to the wall outlet.
- The AC Cord has a grounding type AC line plug. If the supplied AC cord does not match your AC outlet, contact a qualified electrician.

WARNING:

- Do not connect this unit to the power using any device other than the supplied AC cord. This could cause fire, electrical shock, or damage.
- Do not use with a voltage other than the power voltage specified. This could cause fire, electrical shock, or damage.

CAUTION:

- When this unit is not used for a long time, (e.g., away on a trip) in the interest of safety, be sure to unplug it from the AC outlet.
- Do not plug/unplug the AC cord when your hands are wet. This may cause electrical shock.

Before using your unit

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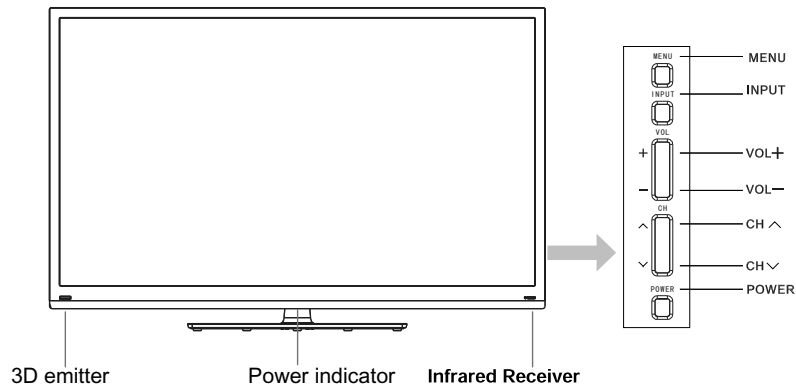
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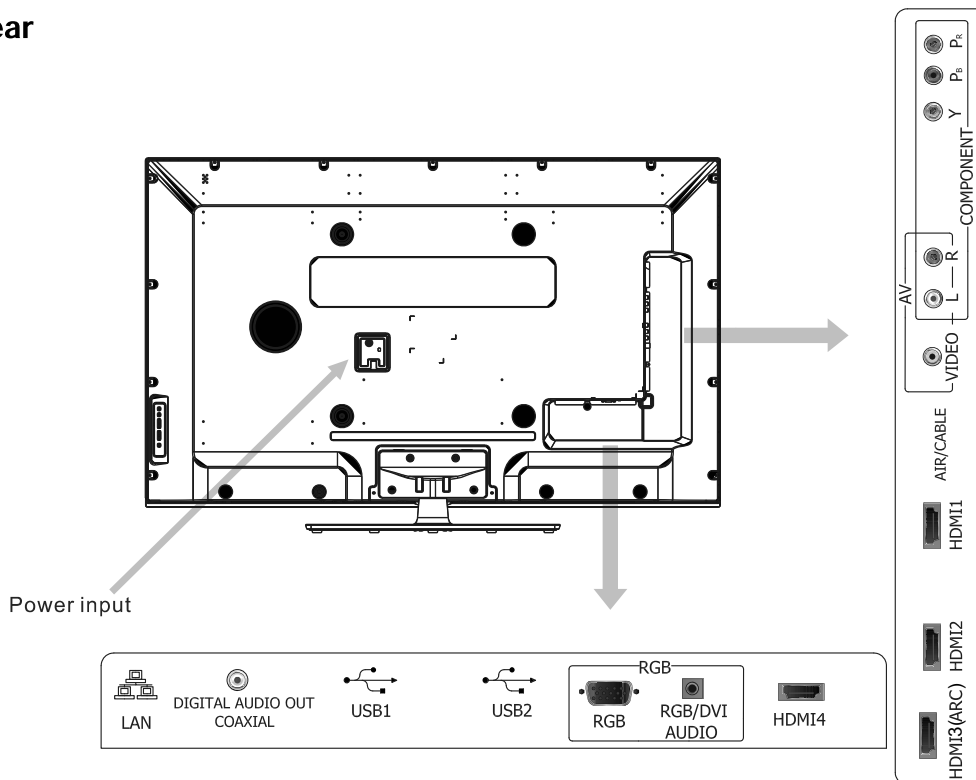
Location of controls

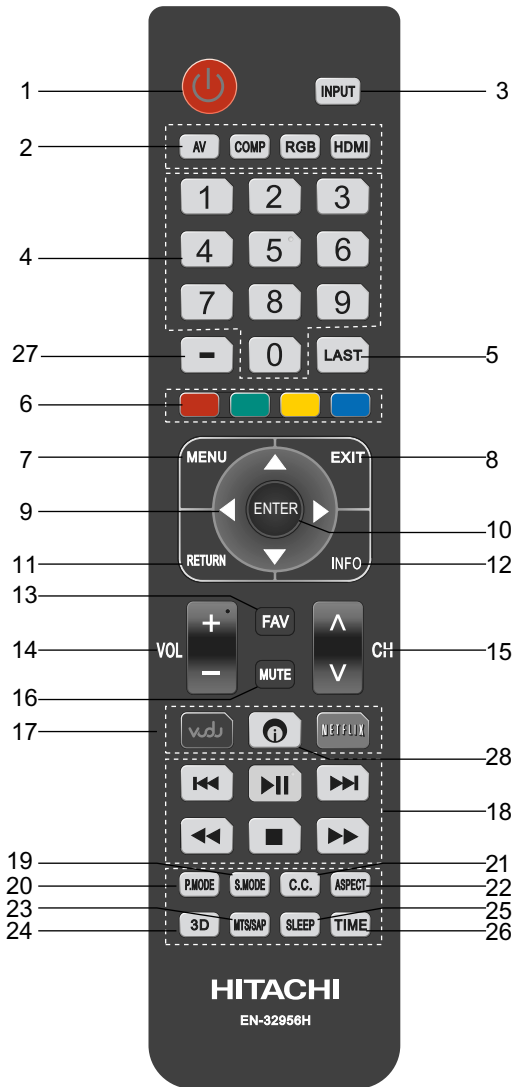
Front



Item	Description
IR (Infrared Receiver)	Receives IR signals from the remote control. Do not put anything near the sensor, as its function may be affected.
POWER LED	Illuminates red when the TV is in standby mode and flashes for a few seconds when you turn on/off the TV. Illuminates white when the TV is in on mode.
MENU	Displays the OSD (on screen display) menu.
INPUT	Selects input source to TV and used like remote control's ENTER key when choosing an item in OSD menus.
VOL + / -	Adjusts TV volume and used as Cursor Left and Right keys to navigate OSD menus.
CH ^ / v	Selects a TV channel and used as Cursor Up and Down keys to navigate OSD menus.
POWER	Switch the TV on from standby. Switch the TV back to standby.
3D emitter	Sends signals to 3D glasses during playback of 3D movies and TV shows. Do not put anything near the sensor, as its function may be affected.

Rear





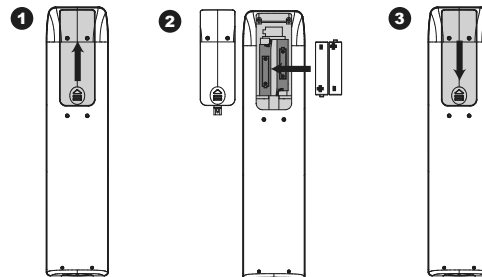
1. **POWER Button** – Press to turn the LCD TV's power on/off.
2. **Direct Input Key Buttons** – Press to go to the AV/COMP/RGB/HDMI.
3. **INPUT Button** – Press to change the TV's input
4. **Direct Channel Selection Button (0-9)** – Allow direct access to any channel of the LCD TV.
5. **LAST CH Button** – Pressing this button allows you to go back to the previous channel selected. Press this button again to return to the channel you were watching.
6. **Color keys** – Used for network features like VUDU.
7. **MENU Button** – Press to display the On-Screen menu.
8. **EXIT Button** – Press to exit the On-Screen menu.
9. **CURSOR ▲/▼/◀/▶ Buttons** – Use to navigate and select menu functions of the LCD TV.
10. **ENTER Button** – Press to enter or select functions for the On-Screen menu.
11. **RETURN Button** – Return to the previous menu.
12. **INFO Button** – When you press this button, the current information will be displayed on the screen.
13. **FAV CH Button** – Press to display favorite channels.
14. **VOL(VOLUME) ▲ / ▼ Buttons** – Press the ▲ button to increase, or the ▼ button to decrease the sound level.
15. **CH(CHANNEL) ▲ / ▼ Buttons** – Press to change the channels of the TV.

16. **MUTE Button** – To turn off the sound, press this button once. The LCD TV will be silenced and the mute icon will appear on the screen. The muting feature can be released by pressing the MUTE button again or by pressing either of the VOL(VOLUME) ▲ button.
17. **Direct Input Key Buttons** – Press to go Vudu/Netflix/DMP
18. **Transport Keys** – Use them with DMP/Vudu/ Netflix/HDMI CEC features.
19. **S.MODE** – Press to select Sound mode.
20. **P.MODE** – Press to select Picture mode.
21. **C.C.Button** – Used to turn on/off the Closed Captions.
22. **ASPECT Button** – Press to change the picture size.
23. **MTS/SAP Button** – Press to change the audio language.
24. **3D Button** – Press to open the 3D Menu.
25. **SLEEP Button** – To set the LCD TV to turn off after a preset amount of time, use the SLEEP button on the remote control.
26. **TIME Button** – Press to display the time.
27. **- Button** – This button is the “-”button, used when selecting digital channels.
28. **i Button** – Press to display the application menu.

Before using the remote control, batteries must first be installed.

HOW TO INSTALL BATTERIES

1. Slide open the battery cover on the back of the remote control.
2. Install two AAA size(1.5V) batteries. Match the “+” and “-” signs on the batteries to the signs on the battery compartment.
3. Close the battery cover.



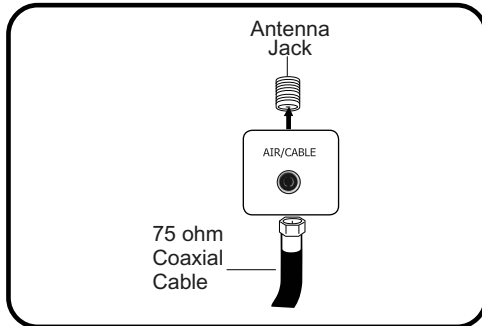
BATTERY PRECAUTIONS

- These precautions should be followed when using batteries in this device:
 - Use only the size and type of batteries specified.
- Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
- If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)
- Please use caution when inserting batteries to avoid battery damage. If the spring terminal in the remote control remains in contact with a side of a damaged battery it can cause a short circuit. Never use damaged batteries as they can become very hot and are dangerous.

Antenna connections

If you are using an indoor or outdoor antenna, follow the instructions below that correspond to your antenna system. If you are using a Cable TV service, see Cable TV connections.

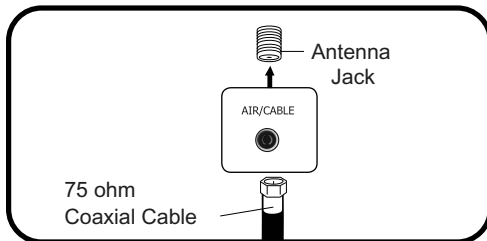
Combination VHF/UHF Antenna (Single 75 ohm cable)



Cable TV connections

This TV has an extended tuning range and can tune free access cable channels without using a Cable TV Converter box. Most cable companies offer "premium pay channels" where the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the Cable TV company.

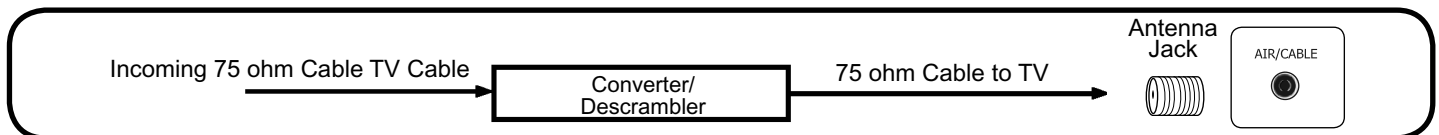
For subscribers to basic Cable TV service



For basic Cable TV service not requiring a Converter/Descrambler box, connect the 75 ohm Coaxial Cable directly to the Antenna Jack on the back of the TV.

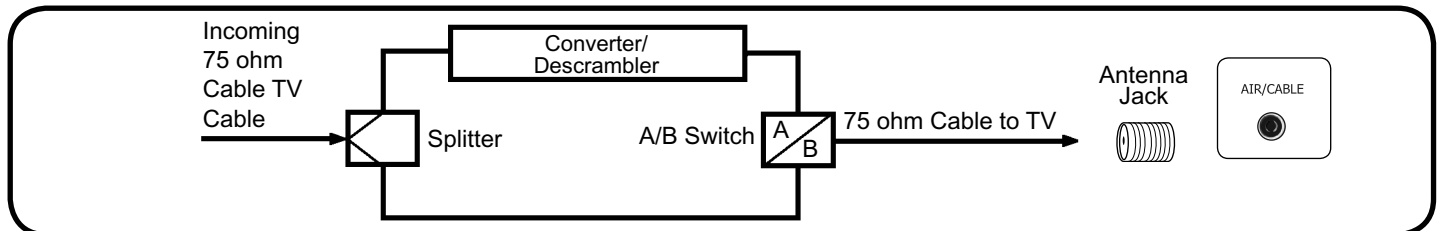
For subscribers to scrambled Cable TV service

If you subscribe to a Cable TV service which requires the use of a Converter/Descrambler box, connect the incoming 75 ohm Coaxial Cable to the Converter/Descrambler box. Using another 75 ohm Coaxial Cable, connect the output jack of the Converter/Descrambler box to the Antenna Jack on the TV. Follow the connections shown below. Set the TV to the output channel of the Converter/Descrambler box (usually channel 3 or 4) and use the Converter/Descrambler box to select channels.



For subscribers to unscrambled Cable TV service with scrambled premium channels

If you subscribe to a Cable TV service in which basic channels are unscrambled and premium channels require the use of a Converter/Descrambler box, you may wish to use a signal Splitter and an A/B Switch box (available from the Cable TV company or an electronics supply store). Follow the connections shown below. With the switch in the "B" position, you can directly tune any unscrambled channels on your TV. With the switch in the "A" position, tune your TV to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the Converter/Descrambler box to tune scrambled channels.



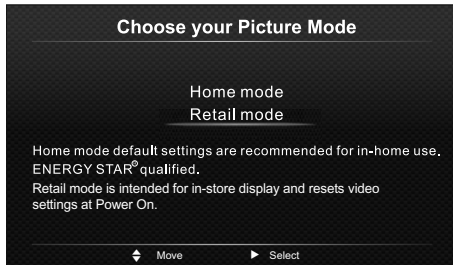
Starting setup

The Setup Wizard appears the first time you turn on the TV. It will assist you to specify the Air/Cable setting and program your channels automatically.

IMPORTANT: Make sure that the antenna or cable TV system connection is made.

Press [▲/▼] to select your picture mode: Home Mode or Retail Mode, press [ENTER] button on remote control to confirm. This product qualifies for ENERGY STAR in Home mode default setting.

Retail mode is not an energy saving mode.



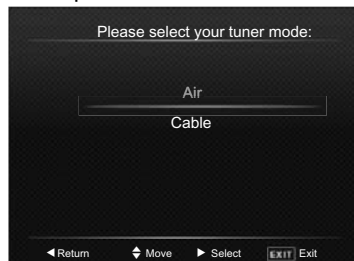
1 To turn on the TV, press **POWER** (POWER indicator LED on the front of the unit changes to white. It may take approx. 10 seconds for a picture to appear on screen.). The Setup Wizard function begins.

2 Press ▲ or ▼ to select "Source", then press ◀ or ▶ to select "Cable" or "Air".

3 Press ▲ or ▼ to select "Scan", then press ▶ or **ENTER**.

4 "Setup Wizard" will begin. After the Setup Wizard is completed, the TV channel appears on the screen.

- Depending on the reception condition, it may take up to 25 minutes or more to complete memorizing digital cable channels. Please allow the process to complete without interruption.



NOTE

- If you press **EXIT** in the process of "Setup Wizard", the Setup Wizard stops and changes to the normal screen. When you make a menu selection, your changes occur immediately. You do not have to press **EXIT** to see your changes.

TV operation

1 To turn on the TV, press **POWER**. (POWER indicator LED on the front of the unit changes to white. It may take approx. 10 seconds for a picture to appear on screen.)

2 Adjust the volume level by pressing **VOL ^** or **VOL v**. The volume level will be indicated on the screen by a volume bar.

3 Set the Source option to the appropriate position.

4 Press the **Direct Channel Selection (0-9, -)** buttons to select the channel.
(If you press only the channel number, channel selection will be delayed for a few seconds.)

TO SELECT ANALOG CHANNELS

1-9: Press 1-9 as needed. Example, to select channel 2, press **2**, then press **ENTER**.

10-99: Press the 2 digits in order. Example, to select channel 12, press **1**, **2**, then press **ENTER**.

100-135: Press the 3 digits in order. Example, to select channel 120, press **1**, **2**, **0**, then press **ENTER**.

TO SELECT DIGITAL CHANNELS

Press the first 1-3 digits, then press the **-** button followed by the remaining number.

Example, to select channel 15-1, press **1**, **5**, **-**, **1**, then press **ENTER**.

- If a channel is selected with only audio content, "Audio only" will be displayed on the screen.
- If a channel is selected with a weak digital signal, "Searching for Signal..." will be displayed on the screen.
- The same program may be available on either an analog channel or a digital channel. You may choose to watch either format.
- If a channel is selected to which you have not subscribed, "Scrambled Video" will be displayed on the screen.

VHF/UHF/CABLE CHANNELS

Air	Cable
VHF 2-13	VHF 2-13
UHF 14-69	CATV 1-125 Digital Terrestrial Broadcast(8VSB):2-69 Digital cable(64/256 QAM):1-135

NOTES

- If a channel with no broadcast is selected, the sound will automatically be muted.
- It may take a few seconds for a digital channel picture to appear on screen after being selected.

To select the video input source

To view a signal from another device connected to your LCD TV, such as a VCR player, press **INPUT**, then press ▲ or ▼, then press **ENTER**. You can select Air/Cable, HDMI1, HDMI2, HDMI3, HDMI4, Component, AV, RGB or USB depending on which input jacks you used to connect your devices.

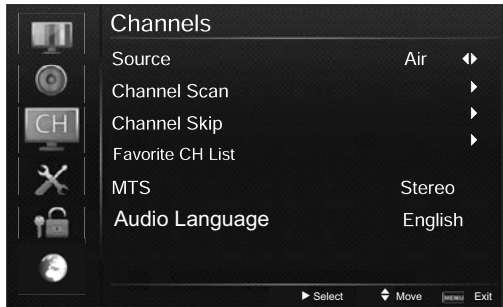


CH ^/v

Press and release **CH ^/v**. The channel automatically stops at the next channel set into memory.

For proper operation, before selecting channels, they should be set into the memory. Refer to the Channels Menu on page 14.

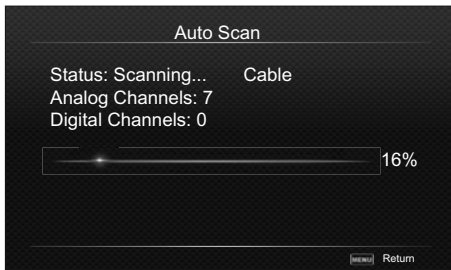
Using the Channels Menu



- 1 Press **MENU** button to display the main menu.
- 2 Press **▲** or **▼** button to select Channels.
- 3 Press **▶** or **ENTER** button to enter Channels menu.
- 4 Press **▲** or **▼** button to select the option, press **▶** or **ENTER** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

You can adjust:

- Source - Select the TV signal source. You can select Air or Cable.
- Channel Scan - Scans for channels that have signals and stores the channels information in memory.



Digital Channels: The scanned TV programs in Digital Channels.

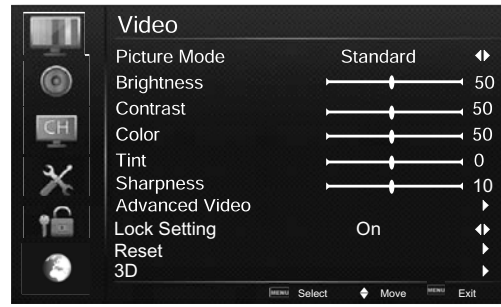
Analog Channels : The scanned programs in Analog Channels.

- Channel Skip - Deletes a channel stored in memory. When you press CH[▲] or CH[▼], your TV skips the channel you deleted. You can still tune to the channel using the number buttons on the remote control.



- Favorite CH List - Selects or cancel the favorite programs.
- MTS - Selects the sound mode. You can select Mono, Stereo, or SAP(Second Audio Program).
- Audio Language - Selects your Audio Language as the audio default language. This setting is only for digital channels.

Using the Video Menu



- 1 Press **MENU** button to display the main menu.
- 2 Press **▲** or **▼** button to select Video.
- 3 Press **▶** or **ENTER** button to enter Video menu.
- 4 Press **▲** or **▼** button to select the option, press **▶** or **ENTER** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

You can adjust:

- Picture Mode - Adjusts the Picture Mode. You can select Dynamic /Standard/Movie/Pro-Day/Pro-night/Game/Custom.
- Brightness - Use this function to change the overall brightness of the dark areas of this picture.
- Contrast - Use this function to change the contrast between black and white level in the picture.
- Color - Use this function to adjust the level of color in the picture.
- Tint - Use this function to adjust flesh tones so they appear natural.
- Sharpness - Use this function to adjust the amount of fine detail in the picture.
- Color Temperature - Set to the "warmness" or "coolness" of the white areaa for picture.
- Advanced Video - Accesses advanced video settings such as Noise Reduction, Auto Movie, Noise Reduction, MPEG NR, Dynamic Gamma, Backlight, Aspect Ratio, Color Temperature, White Balance, Blue Only Mode , and Overscan.

Before using 3D function

NOTES

- When 3D video is watched under the fluorescent lamp (50~60 Hz) or tri-band fluorescent tube, there may be slight flicker, so please adjust the illumination downward or switch off the light.
- Certain functions, such as change aspect ratio, are not available when watching 3D movies and TV shows.
- Other brands of 3D glasses may not be supported.
- Sit upright and facing the TV when watching 3D movies and TV shows.
- This TV supports automatic identification of common 3D formats when connected to HDMI V1.4 compatible sources. Other 3D sources require manual setup.

Using the Video Menu

3D WARNING!

1. Some viewers may experience various types of discomfort during or after viewing 3D visual images, including symptoms like dizziness, disorientation, eye strain/fatigue, blurry vision, headaches and/or nausea. If a viewer notices any of these or any other symptoms of discomfort while using the TV to view 3D visual images, the affected viewer should immediately stop watching the TV until such symptoms have disappeared for at least 30 minutes. If any such symptoms are particularly severe or persist for hours or days after using the TV to view 3D visual images, the affected viewer should consult a qualified physician.

2. It is strongly recommended that individuals with epilepsy, people with any history (or family history) of seizures, individuals with heart disease, pregnant women, and anyone who becomes nauseated easily should refrain from using the TV to view 3D visual images unless they have first consulted a qualified physician.

3. Children's and teenagers' use of the TV to view 3D visual images should be carefully supervised. Because the visual development of children 6 years and younger may be incomplete and could be adversely affected by exposure to 3D visual images, it is not recommended that they use the TV to view 3D visual images unless their parent or guardian has first consulted a qualified physician.

4. Using the TV to view 3D visual images for extended periods of time is not recommended, even if none of the above symptoms have been experienced, and all viewers should take regular breaks from such viewing.

3D: Enables playback of 3D movies and TV shows (requires compatible 3D glasses).

NOTES

- When 3D signal format is Frame Packing, the image will be displayed according to the resolution of the incoming signal.
- For example: when the input signal is 1280×720, a 720p image will be displayed. A 1920×1080 input signal will be displayed in 1080p.
- When 3D signal format is Side-by-Side, Top-and-Bottom, the image is displayed full screen in half resolution (960× 1080 or 1920×540 respectively).

3D Mode: Format may be set to: Off, 2D-to-3D, Side-by-Side or Top-and-Bottom. (3D image is not displayed in Game mode.)

L-R Switch: Flips the left and right frames in Side-by-Side format.

Depth of Field: Adjusts the range of distance (focus) that appears acceptably sharp in a 3D image.

3D-to-2D: Disables automatic identification of 3D format during playback; forces 2D playback using only the Left or Right frame.



- Auto Movie: This feature sets the 3:2 pull down detection feature to Auto or Off.

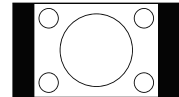
As the theatrical movies are shot on film at 24 frames of still pictures per second, instead of 30 frames or 60 fields like video. When the film is transferred to video for television viewing, the disparity between the two frame rates must be reconciled. This involves a process known as 3:2 pull down.

When the Auto Movie is set to Auto, your Hitachi LCD TV will activate the circuitry for this special feature to improve video performance when watching interlaced format film based sources. Set to Off will deactivate this feature.

- Noise Reduction: The Noise Reduction function automatically reduces conspicuous noise in the picture without degrading picture quality. Set Noise Reduction to OFF if you see individual blocks in the picture.
- MPEG NR: The MPEG NR (Noise Reduction) function automatically reduces block noise in the picture without degrading picture quality.
- Dynamic Gamma: The Dynamic Gamma feature allows you to set among three settings (Off, Dynamic 1, and Dynamic 2) to produce greater picture detail in dark or bright scene area.
- Backlight: Adjust to increase or decrease the brightness of backlight.
- Aspect Ratio : Use the arrow button to choose the screen aspect ration from 16:9, 4:3, Zoom, Cinema, Dot-to-Dot.

1 4:3

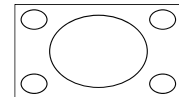
The original 4:3 aspect ratio is preserved, so black bars are added to the left and right of the image. Standard TV broadcasts are displayed with a 4:3 aspect ratio.



2 16:9

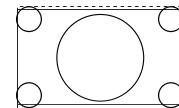
When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen.

When watching a widescreen program or movie, the display image fills the TV screen.



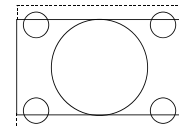
3 Zoom

Stretches the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1.33:1.33 aspect ratio.



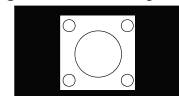
4 Cinema

Stretches the 4:3 aspect ratio image vertically and horizontally to fill the screen.



5 Dot to dot

Use the function to see the full image without any cutoff, when TV in VGA source.



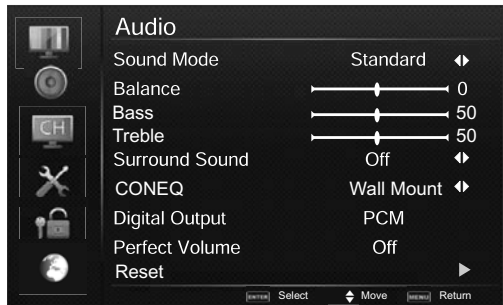
- Color Temperature: Set to Warm for cooler color with more blue, set to Cool for a more natural color or set to Standard for accurate color.

- **White Balance:** Use this function to adjust the dark end (Cut off) and bright end (Drive) of the White background.
- **Blue Only Mode:** This function removes the red and green signal from the video signal and displays the blue signal only. This lets you accurately adjust the color and tint settings.
- **Lock Setting:** Select on to lock your favorite settings.
- **Overscan:** When you select on, the border of the image extends past the video signal isn't seen.

NOTE

This function is available only for Pro-Day and Pro-Night modes.

Using the Audio Menu



- 1 Press **MENU** button to display the main menu.
- 2 Press **▲** or **▼** button to select Audio.
- 3 Press **▶** or **ENTER** button to enter Audio menu.
- 4 Press **▲** or **▼** button to select the option, press **▶** or **ENTER** button to enter or press **EXIT** button to exit.
- 5 When you finished, press the **EXIT** button to close the menu.

You can adjust:

- **Sound Mode** - Select from Standard, Movie, News or Custom sound modes.
- **Balance** - Adjusts the volume of the left and right speakers.
- **Bass:** This function controls the low frequency audio to the speakers.
- **Treble:** This function controls the high frequency audio to the speakers.
- **Surround Sound** - Turns the surround sound effect on or off.
- **CONEQ:** Delivers clear crisp sound and high fidelity music playback. Use the CURSOR PAD to select the preferred setting.
 - Table Top: Use this setting for improved sound quality with table top stands.
 - Wall Mount- Select this setting for improved sound quality when wall mounting.
 - Hearing Aid- This special mode is for users that want to maintain clear sound after removing their conventional hearing aid. Note that this feature emphasizes higher frequencies.
- **Digital Output** - Selects the item, you can select PCM, RAW or Off.
 - PCM - PCM is an encoding, mainly used for analog signal, Dolby mainly used for digital signal.
 - RAW - When the data stream carries Dolby signal, digital audio outputs Dolby data stream. When the data stream carries no Dolby signal, it transports PCM data stream.
 - Off - Select to turn off Digital Audio Output
- **Perfect Volume** - This function will automatically adjust volume so each channel and input has the same average volume level.

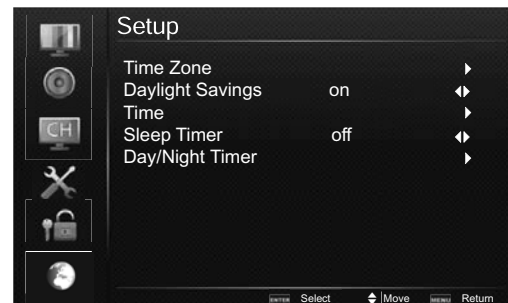
Using the Setup Menu



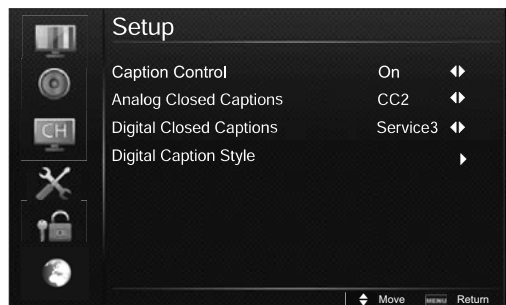
- 1 Press **MENU** button to display the main menu.
- 2 Press **▲** or **▼** button to select Setup .
- 3 Press **▶** or **ENTER** button to enter Setup menu.
- 4 Press **▲** or **▼** button to select the option, press **▶** or **ENTER** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

You can adjust:

- **PC Standby** - This is a good function for a computer monitor. When PC Standby is on, the computer will control the screen on or off. For example, if the computer is in sleep mode, the screen will be switched off. If the computer is activated, the screen also is activated.
- **Menu Settings:**
 - Timeout - Selects the duration time of OSD. You can choose the time from 5 sec to 60 sec.
 - Demo mode: Turn the demo mode On or Off.
 - OSD Language - Use the right or left arrow button to choose the OSD Language among English, Spanish and French.
- **Time Setup** - You can set up the exact time by yourself. You can also set up Sleep Timer, Auto Synchronization, and Timer.
- **Day/Night Timer** : Select this feature to activate and set your TV's Day/Night picture mode Timers. There are three available Timers for your convenience.



- Closed Captions - There are four items in it - Caption Control, Analog Closed Captions, Digital Closed Captions and Digital Caption Style. Display available analog and digital closed captions or modify the appearance of digital closed captions.



Caption Control: There are three items in it - On/Off/With Mute.

Analog Closed Captions : CC1,CC2,CC3,CC4,
TEXT1,TEXT2,TEXT3,TEXT4.

Digital Closed Captions : Service1, Service2, Service3,
Service4, Service5, Service6.



Digital Caption Style - There are two Caption Styles. One is the automatic function set by the broadcaster, while the other is the custom style where you can adjust the font size, color, opacity, background color etc., accordingly.

- HDMI CEC: Set to On and this feature will enable the HDMI-CEC signal bus to allow your Hitachi LCD TV to discover and communicate automatically with other compatible HDMI-interfaced Audio/Video device. The CEC signal bus makes global controls possible, based on "plug & play" automation, to minimize the number of IR remotes and key-presses required for basic operation of your AV device. Select Off to disable this option.
- RGB
You can adjust:
H.Position - Move the image right or left.
V.Position - Move the image up or down.
Phase - Adjust the focus of stable images.
Clock - Adjust the sample frequency.
Auto Adjust - Detects input signal clock, phase and position and adjusts TV display accordingly.
- Power LED: Select this feature to turn Off or On the Power LED indicator on the front panel on your TV.
- Home/Retail: You can change the initial setting to either Home or Retail mode quickly through this menu option, without running the TV Setup Wizard again.

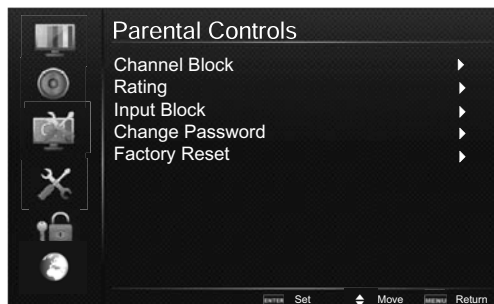
NOTES

Retail mode is intended for showroom use only. Any menu or control changes in this mode will not be saved when the TV is turned off.

A TV feature introduction will be popped up at the bottom of the screen.

- Version Info - Display the software version information. You may need to reference this information when contacting Customer Care or upgrading the firmware online.
- Reset AV & Setup - returns TV to factory default settings.

Using the Parental Controls Menu



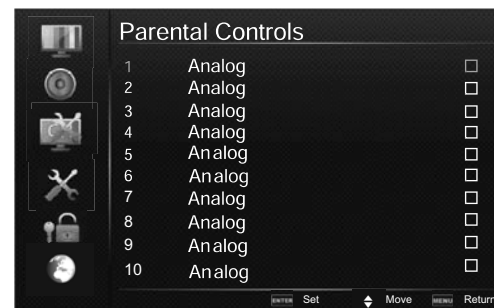
ENGLISH

- 1 Press Menu button to display the main menu.
- 2 Press ▲ or ▼ button to select Parental Controls.
- 3 Press ► or **ENTER** button to enter Parental Controls menu.
- 4 Press ▲ or ▼ button to select the option, press ► or **ENTER** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

When you first use this function, the default password is [0000]. Once you input this password, you can: Press ▲ or ▼ to highlight an option, then press ◀ or ▶ to adjust the option.



- Channel Block - This function will let you block any channel you want.

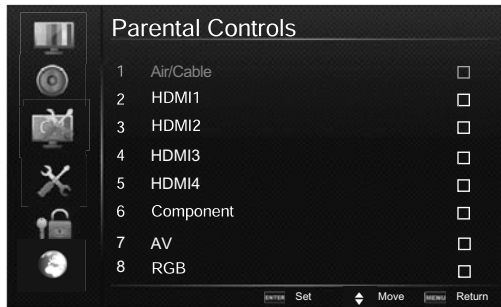


Using the Parental Controls Menu

- Ratings-
 - A. Rating Enable is on.
 - B. U.S. TV Rating: You can choose TV ratings according to the illustration on the screen.
 - C. U.S.Movie Rating: Follow Step B
 - D. Region 5: In order to set Region 5 Ratings the ATSC digital channel received must include region.
 - E. Block Unrated TV: If you want to block the unrated program, please turn on this function.



- Input Block - You can block the input source with this function. For example, if you want to block AV input, just highlight **AV** and press **ENTER**. The AV input will not be seen in the screen.



- Change Password - The first time you use this function, use the default password. If you want to change it, first enter the new password then enter the same password again. If you forget your password, use the factory password 7777, you can then gain access to change your password if necessary.
- Factory Reset - This function will reset your TV to the factory settings.

NOTE

If you choose this function, all the programs you preset will be lost, and you will have to complete the "Setup Wizard" again. Refer to Starting Setup on page 13.

Using the Parental Menu

The following are descriptions of the ratings.

TV Parental Guide Ratings

Age	Defined as
TV-Y	All children
TV-Y7	Directed to older children
TV-G	General audience
TV-PG	Parental Guidance suggested
TV-14	Parents Strongly cautioned
TV-MA	Mature Audience only

Contents	Defined as
FV	Fantasy Violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence

ENGLISH

Motion Picture Ratings

Rating	Defined as
G	General audience
PG	Parental Guidance suggested
PG-13	Parents strongly cautioned
R	Restricted
NC-17	No one 17 and under admitted
X	Adult audience only

Canadian Rating (ENG)

Rating	Description
C	Children
C8+	Children eight years and older
G	General Programming, suitable for all audiences
PG	Parents Guidance
14+	Viewers 14 years and older
18+	Adult programming

Canadian Rating (FRE)

Rating	Description
G	General
8 ans+	8+General; Not recommended for young children
13 ans+	Programming may not be suitable for children under the age of 13
16 ans+	Programming is not be suitable for children under the age of 16
18 ans+	Programming restricted to adults

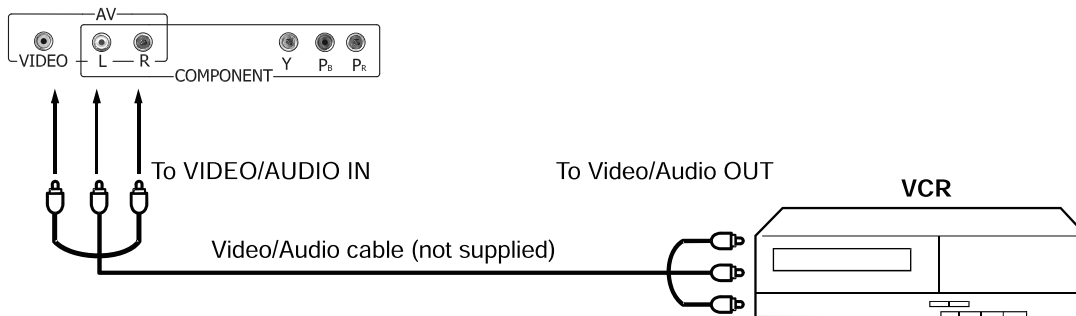
NOTE: As you block ratings, all ratings higher than the ones you select are blocked as well. For example, if you choose to block the MPAA rating R, the higher ratings, NC-17 and X, are automatically blocked too.

Connections to other equipment

The exact arrangement you use to interconnect various video and audio components to this unit is dependent on the model and features of each component. Check the Owner's Manual provided with each component for the location of video and audio inputs and outputs.

To connect the LCD TV to a VCR

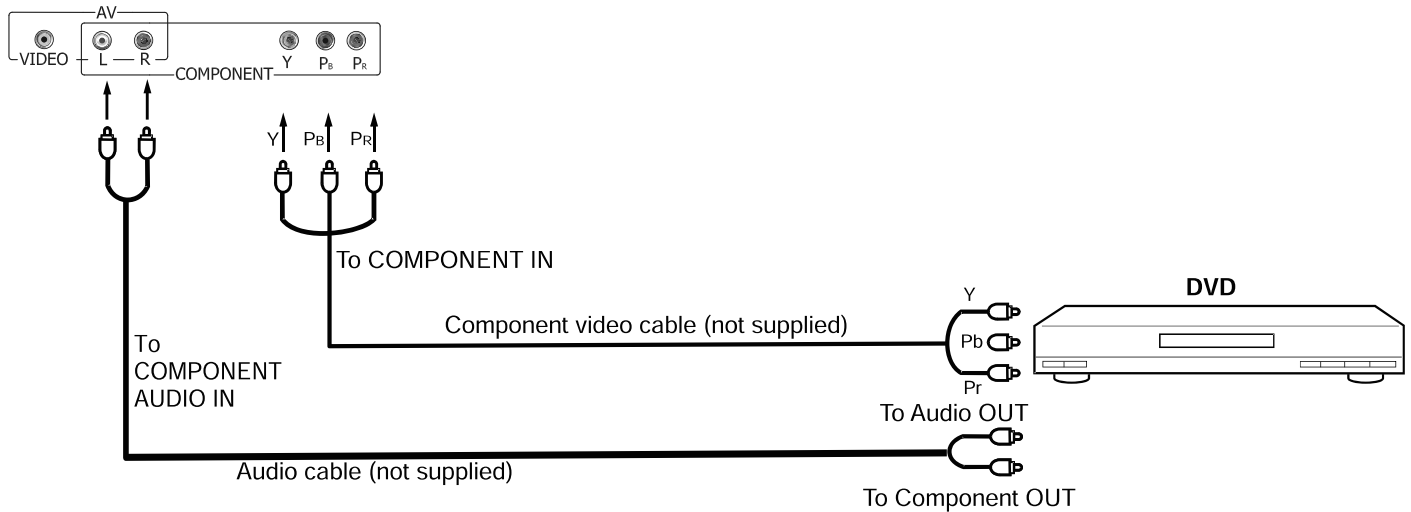
Back of the unit



To connect to a DVD player with Component Video Input

You can enjoy a high quality picture by connecting the unit's COMPONENT VIDEO OUT jacks of your DVD player with the COMPONENT video cables (not supplied).

Back of the unit



NOTE

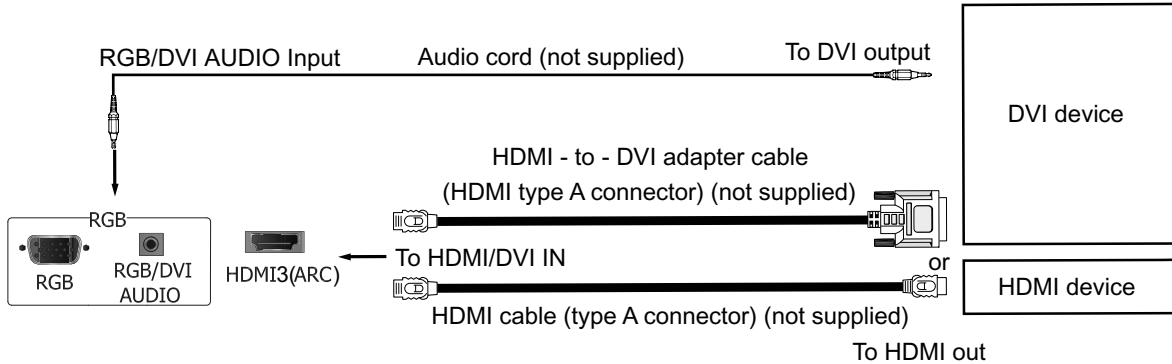
- Component Video input of the unit are for use with a device which output 480i/1080i interlaced signals and 480p/720p progressive signals.

To connect a HDMI or a DVI device to the unit

The HDMI/DVI input receives digital audio and uncompressed video from a HDMI device or uncompressed digital video from a DVI device.

When you connect to a DVI device with a HDMI-to-DVI adapter cable, it transfers only video signal. Separate analog audio cables are required.

Back of the unit

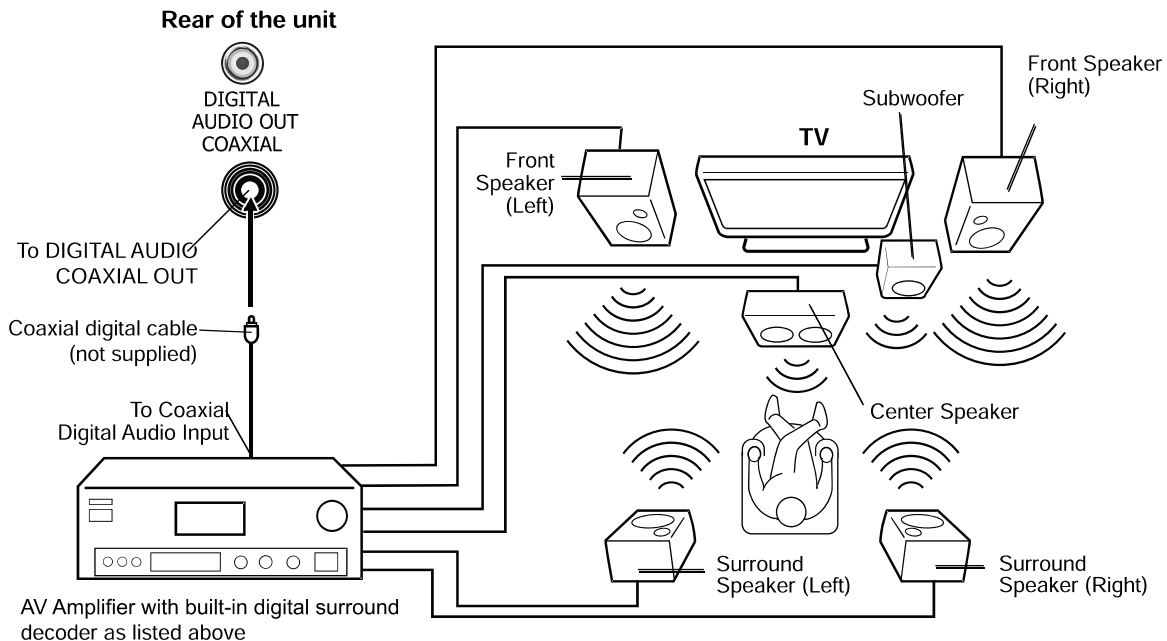


When using a HDMI input from a Set-Top-Box, it is recommended to use a 1080p, 1080i or 720p input signal. When the HDMI input is a 1080p signal, it is recommended that the length of the cable should be less than 5 meters.

Using an AV Amplifier with built-in digital surround

If you are using an Amplifier with built-in digital surround sound, you can enjoy various audio systems including Dolby Digital Surround audio that sounds just like the movie.

Connect an AV amplifier with built-in Dolby Digital decoder, DTS decoder, or MPEG decoder etc. as shown below.



NOTE

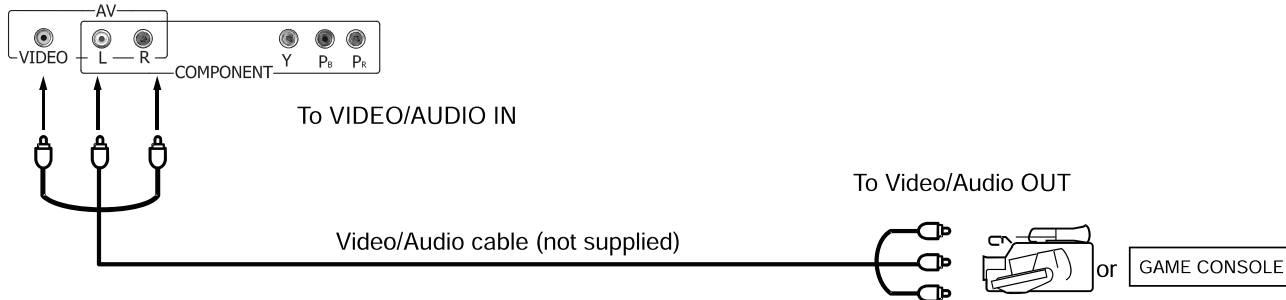
- When you are viewing digital broadcast, this unit will not work in conjunction with DTS audio or MPEG audio. There will be no sound output if connected to an AV amplifier with a built-in DTS decoder or MPEG decoder.

To connect the TV to a camcorder, or a game console

To play back from a camcorder, connect the camcorder to the unit as shown.

This unit can also be used as a display device for many video games. However, due to the wide variety of signals generated by these devices and subsequent hook-up variations required, they have not all been included in the suggested connection diagrams. You'll need to consult each component's Owner's Manual for additional information.

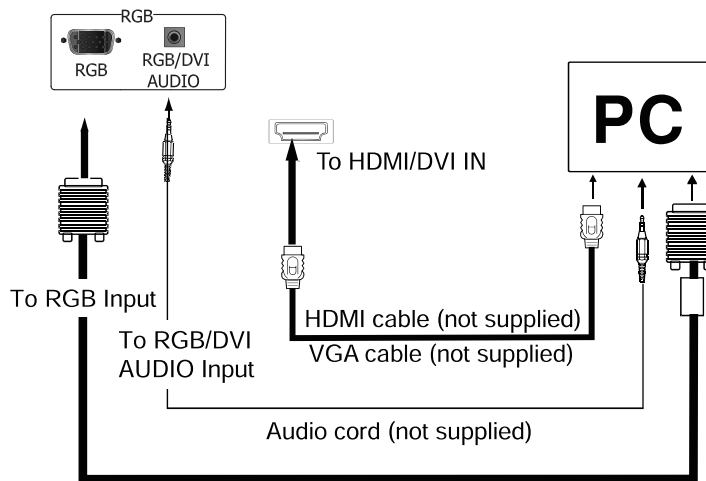
Back of the unit



To connect the TV to a PC (Personal Computer)

Connect one end of a (male to male) VGA cable to the video card of the computer and the other end to the VGA connector RGB Input on the rear of the TV. Attach the connectors firmly with the screws on the plug. In case of a Multimedia computer, connect the audio cable to the audio output of your Multimedia computer and to the AUDIO connector of the RGB/DVI AUDIO Input jack of the TV. You can also connect the PC with HDMI cable. If you use a HDMI cable, you don't have to connect the audio cable. If you use a DVI-to-HDMI cable, please connect the audio cable in the same way as the RGB cable. Press **INPUT** on the remote control to select RGB mode. Switch on the computer. The TV can operate as the computer monitor.

Left and Rear of the unit



Monitor Display modes

MODE	Resolution	Refresh rate
VGA	640x480	60 Hz
SVGA	800x600	60 Hz
XGA	1024x768	60 Hz
WXGA	1280x768	60 Hz
WXGA	1280x720	60 Hz
WXGA	1360x768	60 Hz
FHD	1920x1080	60 Hz

To return to normal mode
Press **INPUT** again.

NOTES

- The on-screen displays will have a different appearance in RGB mode than in TV mode.
- If there is no video signal from the PC when the unit is in RGB mode, "Searching for Signal..." will appear on the TV screen.

Network Settings

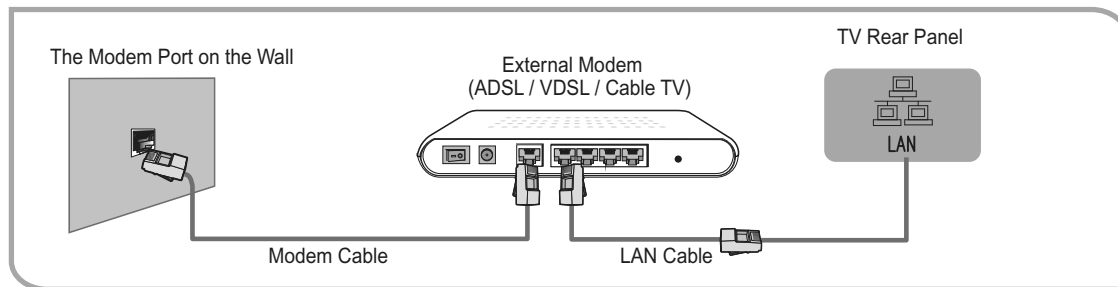
Network Connection

You can set up your TV so that it can access the Internet through your local area network (LAN) with an Ethernet or wireless connection.

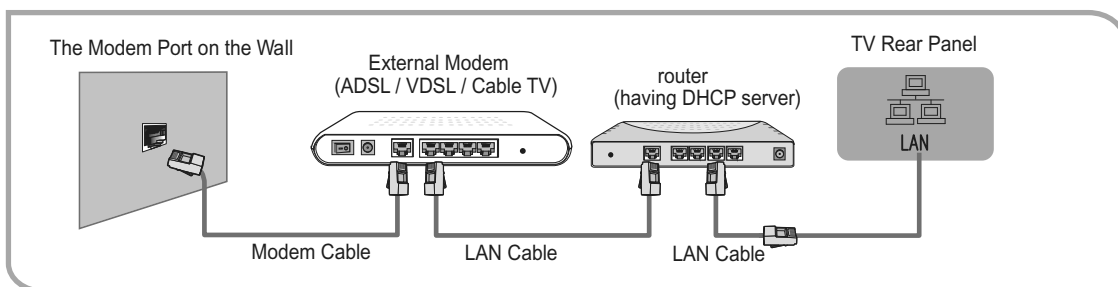
1 Connecting to a Wired Network

You can attach your TV to your LAN by using matchable cable in three ways:

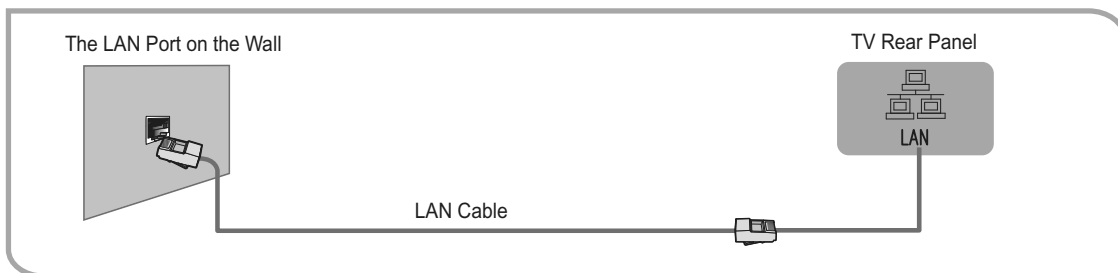
You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an external modem using a Cat 5 cable. See the diagram below.



You can attach your TV to your LAN by connecting the LAN port on the back of your TV to a router which is connected to an external modem. Use LAN cable for the connection. See the diagram below.



Depending on how your network is configured, you may be able to attach your TV to your LAN by connecting the LAN port on the back of your TV directly to a network wall outlet with a Cat 5 cable. See the diagram below. Note that the wall outlet is attached to a modem or router elsewhere in your house.



If you have a Dynamic Network, you should use an ADSL modem or router that supports Dynamic Host Configuration Protocol (DHCP). Modems and routers that support DHCP automatically provide the IP address, subnet mask, gateway, and DNS, so you don't have to enter them manually. Most home networks are Dynamic Networks.

Some networks require a Static IP address. If your network requires a Static IP address, you must enter the IP address, subnet mask, gateway, and DNS values manually on your TV's Network Setup Screen when you set up the network connection. To get the IP address, subnet mask, gateway, and DNS values, contact your Internet Service Provider (ISP).

If you have a Windows computer, you can also get these values through your computer.

NOTES

You can use ADSL modems that support DHCP if your network requires a Static IP address. ADSL modems that support DHCP also let you use Static IP addresses.

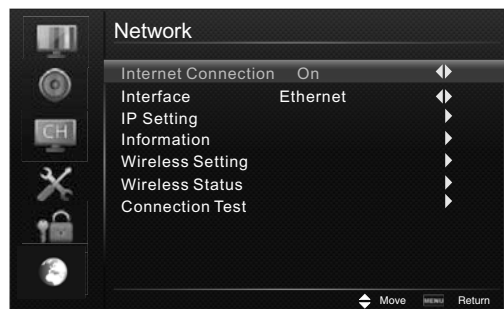
Network Settings

2 Network Setup (Auto)

Use the Automatic Network Setup when connecting the TV to a network that supports DHCP. To set up your TV's cable Ethernet connection automatically, follow these steps:

How to set up automatically

1. Connect your TV to your LAN as described in the previous section.
2. Turn on your TV and navigate to Network within the Setup menu.
3. In the Network screen, select Configuration and press the [ENTER] button to enter the submenu.
4. Set Internet Connection to on and Interface to Ethernet.
5. Select IP Setup and press the [ENTER] button.
6. Set Address Type to Auto.
7. Auto acquires and enters the needed internet values automatically.
8. If the Network function has not acquired the network connection values you will need to enter this information manually (see page 23 "Network Setup (Manual)").



3 Network Setup (Manual)

Use the Manual Network Setup when connecting your TV to a network that requires a Static IP address.

Getting the Network Connection Values

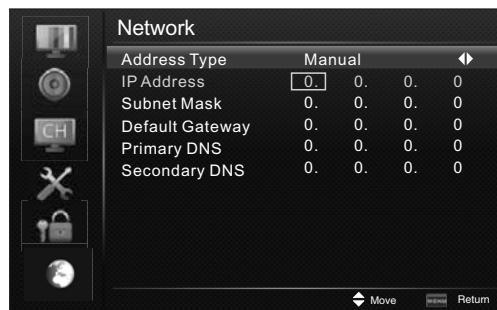
To get the network connection values on most windows computers, follow these steps:

1. Right click the Network icon on the bottom right of the screen.
2. In the pop-up menu that appears, click Status.
3. On the dialog that appears, click the Support tab.
4. On the Support tab, click the Details button. The network connection values are displayed.

How to set up manually

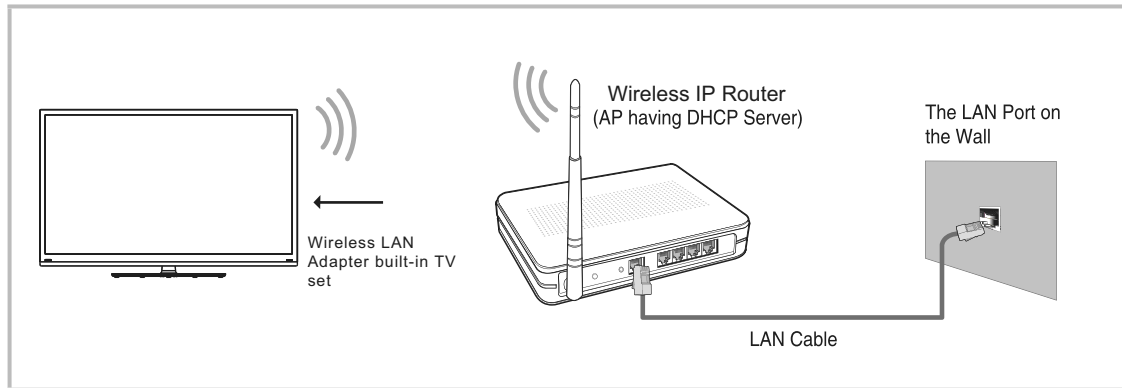
To set up your TV's cable network connection manually, follow these steps:

1. Follow Steps 1 through 5 in the "How to set up automatically" procedure.
2. Set Address Type to Manual.
3. Press the [▲/▼] button to select IP Address and press the [◀/▶] button to move the cursor to the entry field. Then press the 0~9 buttons to enter the numbers.
4. Press the [MENU] button to exit IP Address and press the [▲/▼] button to select the next options to enter the numbers.
5. When done, press the [MENU] button to return to the previous menu.
6. Select Connection Test to check the internet connectivity.



Network Settings

Connecting to a Wireless Network



Hitachi's built-in Wireless LAN Adapter supports the IEEE 802.11 b/g and n communication protocols. Hitachi recommends using IEEE 802.11 n. When you play the video over a IEEE 802.11 b/g connection, the video may not play smoothly.

NOTES

- To use a wireless network, your TV must be connected to a wireless IP router. If the wireless IP router supports DHCP, your TV can use a DHCP or static IP address to connect to the wireless network.
- Select a channel for the wireless IP router that is not currently being used. If the channel set for the wireless IP router is currently being used by another device nearby, this will result in interference and communication failure.
- If you apply a security system other than the systems listed below, it will not work with the TV.
- If your modem/router supports WPS (Wi-Fi Protected Setup), you can connect to the network via PBC (Push Button Configuration) or PIN (Personal Identification Number). WPS will automatically configure the SSID and WPA key in either mode.
- If your router, modem, or device isn't certified, it may not be compatible with the TV.
- Connection Methods: You can setup the wireless network connection three ways.
 - Scan
 - Manual
 - Auto

Caution:

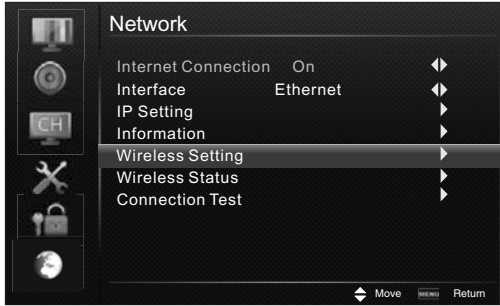
This wireless appliance complies with FCC radiation limits set forth for an uncontrolled environment. Install and operate with a minimum of 8 inches between it and your body.

Network Settings

Wireless Setting

How to set up

1. Turn on your TV, operate according to the description in the Settings menu until the Network screen appears.
2. On the Network screen, select Configuration and press [ENTER] button to enter the submenu.
3. Set Internet Connection to On and Interface to Wireless.

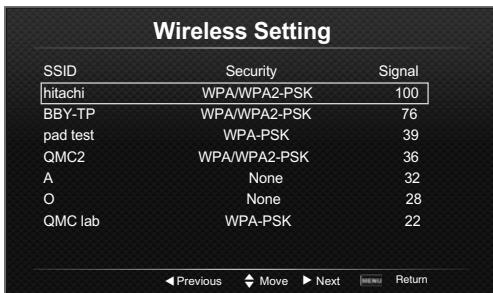


4. Choose Wireless Setting and press [ENTER] button to select it.

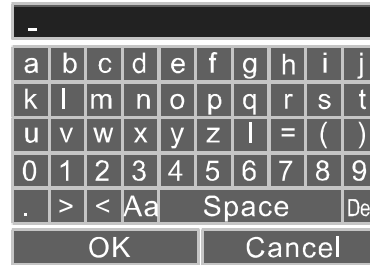
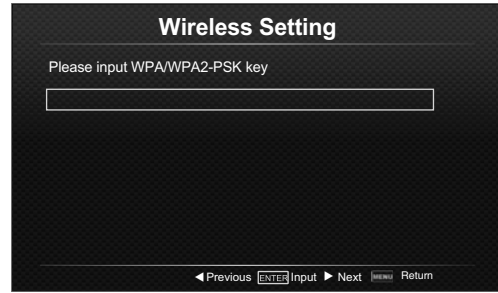
You can select: Scan\Manual\Auto.



5. If you have active wireless networks nearby, they will appear on-screen like the example shown below. To choose a network, press [▲/▼] buttons to highlight the desired network and press [ENTER] button to confirm.



6. The soft keyboard of Enter Password will pop up. After entering the password, press ENTER to connect. If there is no password, you can press Next button to connect directly.



Network Settings

Home Network Settings

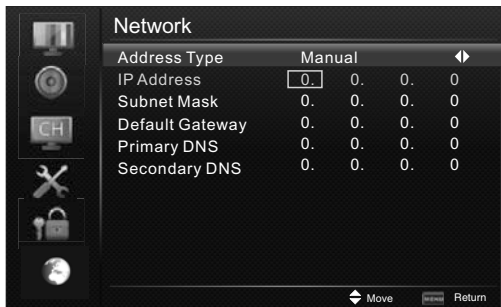
Computer, TV and other digital devices can be connected via Home Network and they can share files with each other. You can use the TV set as a Home Network Digital Media Player (DMP) device to enjoy movies, pictures, musics and other multimedia materials in your computer through a Home Network connection.

Home Network Setting needs to be set on the TV and computer respectively.

NET setup on the TV :

NET setup:

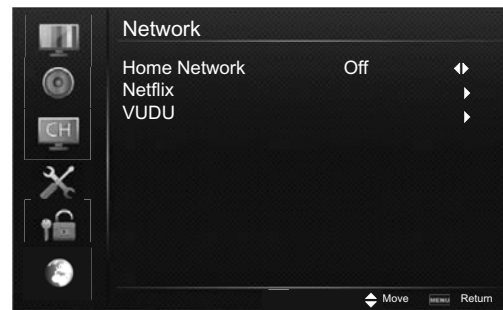
1. Turn on your TV, operate according to the description in the Settings menu until the NET screen appears.
2. On the NET screen, select Configuration add press the [ENTER] button to enter the submenu.
3. Set Internet Connection to on and Interface to Ethernet.
4. Select IP Setting and press the [ENTER] button.
5. Set Address Type to Auto.
6. Auto acquires and enters the needed internet values automatically.
7. If the NET function has not acquired the NET connection values, go to the manual for directions.
8. If Set Address Type to Manual and enter the IP Setting sub-submenu Press the [▲/▼] button to select IP Address and press the [◀/▶] button to move the cursor to the entry field. Then press the 0~9 buttons to enter the numbers.



9. Press [Menu] button to exit IP Address and press the [▲/▼] button to select the next option to enter the numbers.
10. When you are done, press the Menu button to return to the previous menu.
11. Select Connection Test to check the internet connectivity. If the test is not successful, please check that the configuration is correct. If the test is successful, proceed with the following instruction to "Set computer through a Home Network to On".

Set Home Network to On:

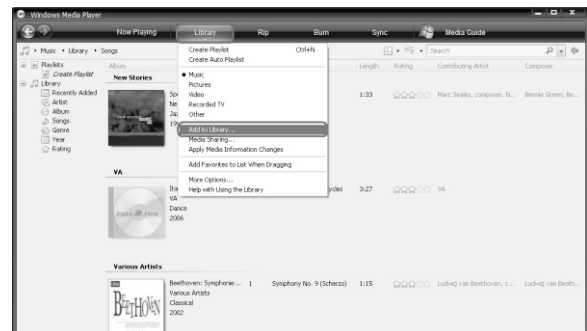
1. On the Network screen, select Applications and press the [ENTER] button to enter the submenu.
2. Press the [◀/▶] button to set Home Network to On.



Media Share Settings in computer

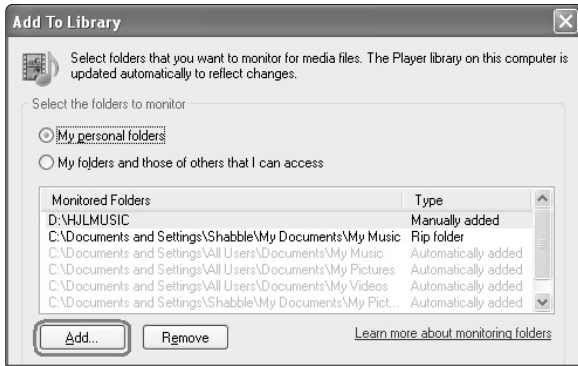
If your computer can not support Home Network, you need install a software that supports Home Network such as TVersity and Windows Media Player11. It is recommended to select Windows Media Player11 .

1. Start Windows Media Player11.
2. Click "Library" and then select "Add to Library...".

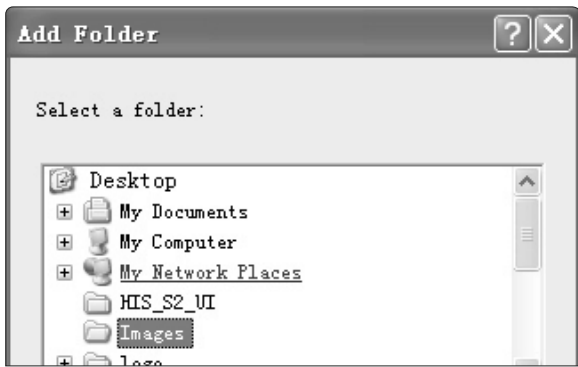


Network Settings

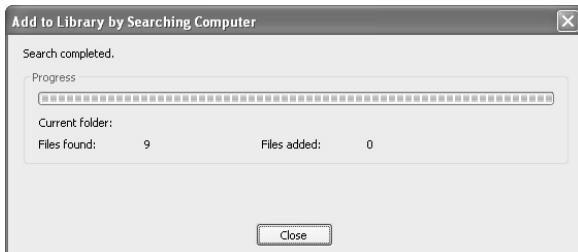
3. "Add To Library" will pop up on the screen. Click "Add".



4. Select a folder and click OK button.



5. Click "Close" to close the dialog.



Setting to share files

1. Click "Library" and move the cursor to select "Media Sharing..."



2. Select the check box for "Share my media" .

3. An equipment icon will appear in the white, box area if the DLNA Settings have been set correctly. Select the equipment icon and then click "Allow".



4. The TV can now access the shared files from the computer.



Network Settings

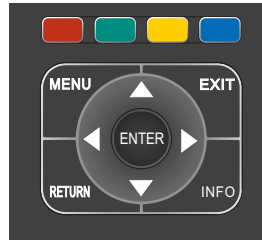
Internet-based Services

USAGE INFORMATION AND REQUIREMENTS

If you intend to use the TV to access internet-based services, please first review see the following information

1. Use of internet-based services (e.g., Netflix, VUDU, etc.) requires a working broadband internet connection (1 to 2 Mbps for SD video, 2.25 to 4.5 Mbps for HD video and 4.5 to 9 Mbps for HDX video).
2. VUDU and other internet-based services are provided by the applicable service providers, and not by Hitachi, and such services, may change or be discontinued at any time and may be subject to restrictions imposed by your internet service provider. The quality, functionality, or availability of such services may be affected by the capacity of your internet connection. Use of Netflix, VUDU and other internet-based services may require the creation of a separate account through a computer with internet access.
3. Not all features and functions offered by service providers such as Netflix, VUDU and other internet-based services will necessarily be available through the TV.
4. Establishing and maintaining a broadband internet connection and using Netflix, VUDU and other internet-based services may require one- time payments and/or recurring charges.
5. You are solely responsible for any charges incurred as a result of using internet-based connections, services or content, including, without limitation, communications charges for the provision of internet or network services and any charges incurred for third-party internet content services, such as video-on-demand or subscription services. All such third-party services are provided pursuant to the terms and conditions established between such third-party providers and you.
6. HITACHI MAKES NO REPRESENTATIONS OR WARRANTIES TO YOU REGARDING THE CONTENT, AVAILABILITY, PERFORMANCE, RELIABILITY OR FUNCTIONALITY OF ANY THIRD PARTY INTERNET-BASED SERVICES YOU ACCESS OR ATTEMPT TO ACCESS USING THE TV AND HITACHI DOES NOT WARRANT THAT ANY OF THEM WILL BE UNINTERRUPTED, ERROR FREE OR SATISFACTORY. ANY IMPLIED WARRANTY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OF ANY SUCH THIRD PARTY INTERNET-BASED SERVICES, IS EXPRESSLY EXCLUDED AND DISCLAIMED. UNDER NO CIRCUMSTANCES WILL HITACHI BE LIABLE IN CONTRACT, TORT OR UNDER ANY OTHER THEORY FOR ANY DAMAGES ARISING OUT OF OR IN CONNECTION WITH YOUR USE OF ANY SUCH THIRD PARTY INTERNET-BASED SERVICES OR ANY CONTENT ACCESSIBLE THEREFROM, EVEN IF HITACHI IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES IN ADVANCE.

Operational Remote Control buttons



Buttons	Description
	Press to enter VUDU HD Movies directly.
	Links to various internet services.
	Press to launch Netflix instant streaming directly.
	Selects the on-screen menu items
ENTER	Confirms selections
EXIT	Closes the menu.
RETURN	Returns to the previous menu.
	Stops playback and displays the movie title screen.
	Sets pauses and still pictures. Press the button to return to playback.
	Displays the TrickPlay screen and fast forwards playback.
	Displays the TrickPlay screen and fast reverses playback.
	Plays the next video.
	Plays the previous video.

ENGLISH

Network Settings

VUDU HD Movies


1 Brief introduction

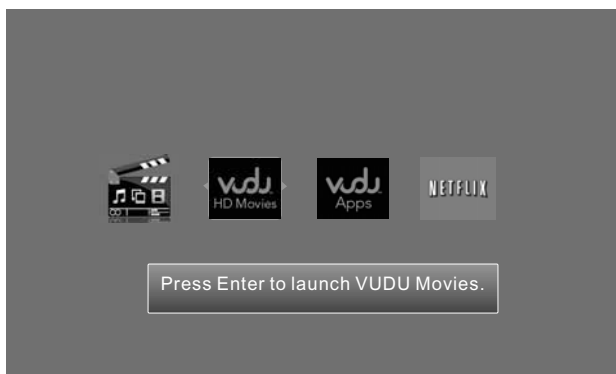
VUDU is an on-demand service that offers high-definition movies.




To enjoy these movies, please register and log in to your VUDU account.

2 Operation instructions

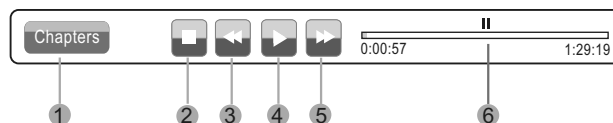
You can access the VUDU HD Movies by the following methods:





1. Press the [] button to display the network application main menu.






2. Press the [] button to select the VUDU HD Movies icon and press [ENTER] to enter it, or press the [VUDU] button to enter directly.
3. Select the Sign Up icon on the VUDU HD Movies interface, and press [ENTER] to enter.
4. Enter your email address to start your VUDU experience. (Refer to "How to Input the Email Address")
5. Press the [] button to move the cursor to select service items in the VUDU HD Movies home page, and press the [ENTER] button to confirm.
6. In the process of watching a movie, press [ENTER] to display/exit the tool bar, press [] to select the function icon, and press [ENTER] to confirm.
7. Press the [ENTER] button to return to the previous menu, or press the [EXIT] button to close the menu.

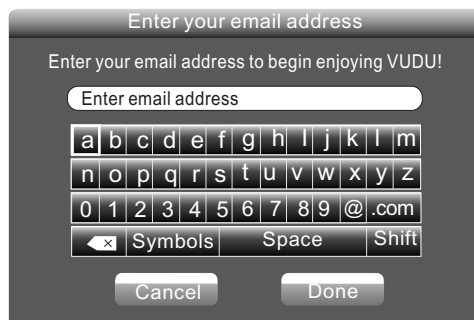
Tool Bar



1. Chapters
Select Chapters, press the [ENTER] button to select, and press [] to select the chapter.
2. Fast backward
Then press [ENTER] button to select the backward speed. You can press [] button to achieve the function.
3. Play/Pause
You can press [] button to play/pause directly when there is no control bar on the screen.
4. Fast forward
Then press [ENTER] button to select the forward speed. You can press [] button to achieve the function.
5. Progress bar
The progress bar when playing.

3 How to Input the Email Address

1. Press [] button to move the cursor to the address bar and press [ENTER] button to confirm.
2. Press [ENTER] button to display the keyboard. There are some shortcuts on the bottom of the keyboard so that you can input part of the address often used directly. Other keys are used as the keyboard of your computer.
3. Press [] button to move the cursor to the characters you want to select and then press [ENTER] button to confirm. If you want to delete one character, move the cursor to Back key  and press [ENTER] button to confirm.
4. Move the cursor to the Done and press [ENTER] button to confirm if you have completed the address input. Then the new address will appear on the address bar.



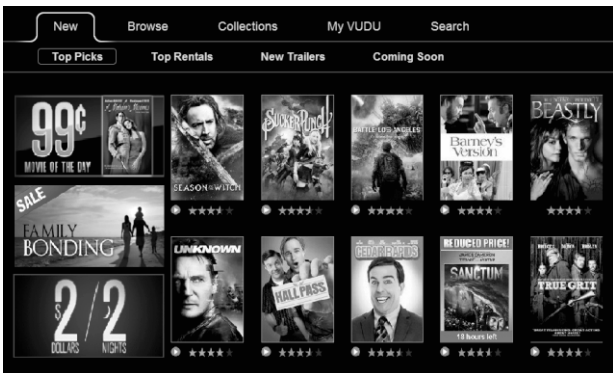
Network Settings

Website instructions

NOTES

TV screen may be difference with above picture.

VUDU HD Movies home page



New: The latest movies

Top Picks: Mostly picked up movies

Top Rentals: Mostly rented movies

New Trailers: Latest trailers

Coming Soon: Upcoming Movies

Browse: Browse all the movies in VUDU

Collections: Browse the classified movies

My VUDU: The movies user bought or rented

Search: Search movies in VUDU

VUDU HD Movies subpage



Rent/Own: To rent or buy current movie

Watch Trailer: To watch the trailer of the current movie

2 Minute Preview: To preview the current movie for 2 minutes

Add to Wishlist: Add current movie to your wishlist

Rate/share: To rate current movie or share it to your friends in Facebook or Twitter

Overview: The overview of the current movie

Cast&Crew: The cast and crew of current movies and find related movies

Reviews: The reviews of the current movie

Similar: Similar types of movies

More Info: Detailed information of the current movie

VUDU Apps








Brief introduction

VUDU Apps - The applications platform for connected TVs

- 1.VUDU Apps provides customers with access to a wide range of Internet services and applications including streaming video, music on demand, photo browsing, social networking and more.
- 2.VUDU Apps supports the development of responsive apps designed specifically for use on home HD televisions.
- 3.VUDU Apps uses a unique, cloud-based architecture optimized for consumer electronics devices, including delivering the latest applications to consumers without the need for software downloads or frequent firmware updates.
- 4.Devices featuring VUDU Apps* will begin shipping to consumers during the first quarter of this year.
- 5.VUDU Apps** allows you to see app updates while watching live television.

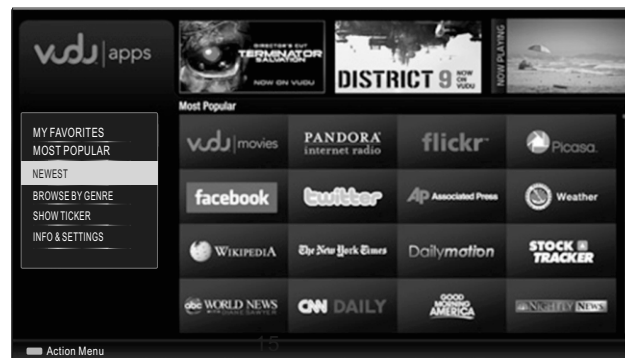
Operation instructions

You can access the VUDU Apps by the following methods:

1. Press the [] button to display network main menu.
2. Press [ / ] button to select the VUDU Apps icon and press [ENTER] to enter it.
3. Press [ /  /  / ] button to select the widget you want to access, and press [ENTER] to enter it.
4. You can press [RETURN] to return the upper menu or press [EXIT] button to close the Widgets display.

Website instructions

VUDU Apps home page



ENGLISH

Network Settings

- My favorites: The user's favorite Apps
- Most popular: The most popular Apps in VUDU
- Newest: The newest Apps in VUDU
- Browse by genre: Browse Apps by genre
- Show Ticker: Show the Apps at the bottom of screen while watching TV
- Info&settings: VUDU Apps system information

Netflix

Instantly watch thousands of TV episodes & movies streaming over the internet from Netflix. Unlimited membership required.

U.S. - Netflix unlimited streaming membership required. International - Netflix is available in certain countries. Unlimited membership required. More information at www.netflix.com

NOTES

1. For more information on Netflix visit <http://www.netflix.com/help> or login to your Netflix account and click "Help" at the top of the page.
2. The picture quality depends on many factors including your broadband connection speed and the episode or movie's original bit rate.
3. Illustrations are examples and may differ from the actual Netflix screens. The display and operations may change as a result of a software update. Use Netflix without configuring a proxy server.
4. Part or all of Netflix may not be available when connected to the Internet via a proxy server.

Operation instructions

1. Press the [HOME] button to display network main menu.
2. Press [LEFT/RIGHT] button to select the Netflix icon and press [ENTER] to enter it, or press [NETFLIX] button to enter Netflix website directly.
3. Input Email and Password in following window to sign in. (Refer to "How to Input the Email Address")

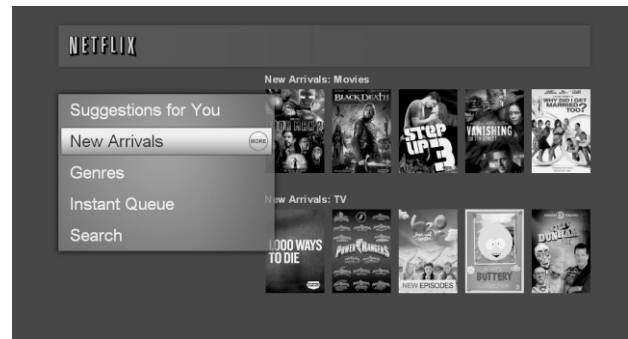


4. Press [UP/DOWN/LEFT/RIGHT] button to move the cursor to select service items in the Netflix home page, and [ENTER] button to confirm.
5. In the process of watching a movie, press operational buttons to control the movie.

6 Press [RETURN] button to return the upper menu, or press [EXIT] button to close the menu.

Website instructions

Netflix Movies home page



Suggestions for you: The movies suggested for you by Netflix

New Arrivals: The new arrivals

Genres: Browse movies in different genres

Instant Queue: Your list of movies

Search: Search for available titles

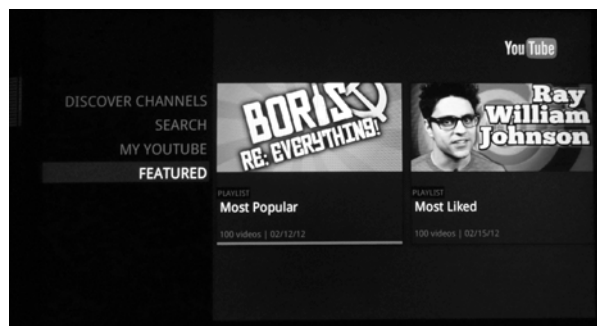
YouTube

Brief introduction

Watches the video via YouTube.

Operation introduction

1. Press the [HOME] button to display network main menu.
2. Press [UP/DOWN/LEFT/RIGHT] button to select the YouTube icon and press [ENTER] to enter it.



Other

If you encounter any other issues during activation, refer to the following online resources:

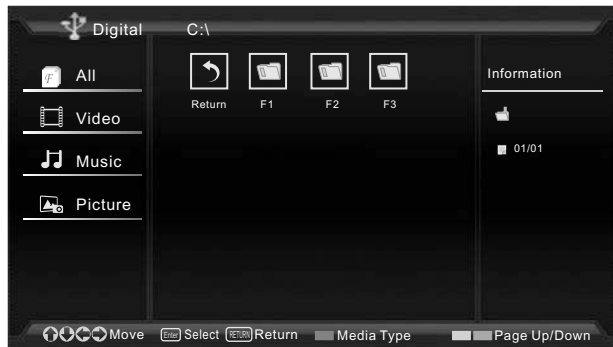
1. VUDU customer care: To learn more about VUDU, visit the frequently Asked questions at www.vudu.com/support Or call Customer Care at 1-888-554-VUDU (8838).
2. Netflix help is available at 1-866-579-7113 in the U.S. or 866-348-2353 in Canada.

Network Settings

View the shared files on TV

1. Press the [INPUT] button to select the USB and press [ENTER] to enter USB mode.
2. The USB menu appears on the screen as follows. Then you can view the shared folders.

You can see more about USB operation in the following section.



Digital Media Play

Please note that Hitachi will not assume any responsibility for any lost data and cannot guarantee perfect compatibility with all mass storage devices. Be sure to insert the USB disk or mobile hard disk with standard USB2.0 port.

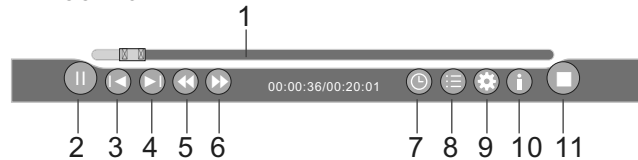
1. Press the [INPUT] button to display the INPUT menu, press [▲/▼] to highlight the USB input, then press the [ENTER] button to confirm. (If you want to exit USB, you can press - EXIT or press the INPUT button to switch to another input).
2. Press the Red button to switch the media type.
3. Press the Yellow/Blue to turn to the previous/next page.

1. Press the [▲/▼/◀/▶] button to select the folder/file you want to open and then press [ENTER] to enter/play the folder/file.
2. Press EXIT to return to the previous directory.

Enjoy Video Files

1. Press the [Red] button to switch to All or Video.
2. Press the [▲/▼/◀/▶] to select the video you want to view.
3. Press the [ENTER] button to play the video.
4. Press the [■/EXIT] button to exit the video and return to the previous directory.
5. Press the [INFO] button to display/exit the video control bar.
6. Press the [◀/▶] button to select the function icon and then press the [ENTER] to confirm.

Tool Bar



1. The progress bar when playing.
2. Play/Pause.
You can also press the [▶||] button on the remote control to play/pause when there is no control bar on the screen.
3. Play the previous video.
You can also press the [◀◀] button on the remote control when no control bar display on the screen.
4. Play the next video.
You can also press the [▶▶] button on the remote control when no control bar display on the screen.
5. Fast backward.
You can also press the [◀◀] button on the remote control when there is no control bar on the screen.
6. Fast forward.
You can also press the [▶▶] button on the remote control.
7. Select time to play
 - 1) Press the [◀/▶] button to select the position you want to set.
 - 2) Press 0~9 to set the time and press the [▲/▼/◀/▶] button to adjust it.
 - 3) Press the [ENTER] button to confirm and the video will play at the time you have set.
8. Play list
 - 1) Press the [Yellow/Blue] button to Page Up/Down, Press [▲/▼] to select video.
 - 2) Press the [ENTER] button to confirm and press [EXIT] to exit the menu.
9. Options
 - 1) Press the [▲/▼] button to select the options in the menu.
 - 2) Press the [◀/▶] button to select the settings.
 - 3) Press the [ENTER] button to confirm.
10. Program info
Displays the program information.



11. Stop playback

Network Settings

NOTES

You can press [ASPECT] button to change the aspect ratio(Normal , Full Screen , Original Size) while playing the video.

Playable format list

Video Decoder Support List

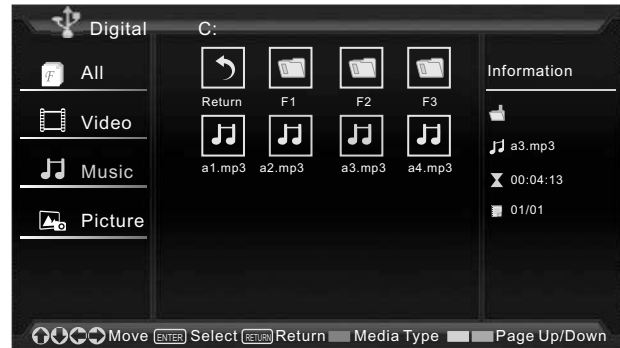
File extension	Container	Video Decoder	Resolution	Bitrate(bps)
*.avi	AVI	Window Media Video V9	1920*1080	40M
		MPEG2 MP@HL	1920*1080	40M
*.mkv	MKV	Window Media Video V9	1920*1080	40M
*.mpg	PS	MPEG2 MP@HL	1920*1080	40M
*.mpeg				
*.vro				
*.vob				
Other	TS	MPEG2 MP@HL	1920*1080	40M

Audio Decoder Support List

*.avi	AVI	MP3
		MPEG2 AAC
		AC3
		WMA v8
*.wma	ASF	Window Media Audio v8
*.wmv		MP3
*.asf		Window Media Audio v9
*.MP4	MP4	MP3
		MPEG2 AAC
*.mpg	PS	MP3
*.mpeg		AC3
*.vro		
*.vob		
Other	TS	MPEG2 AAC
		AC3
*.mkv	MKV	MP3
		MPEG2 AAC
		AC3
		WMA v8

Enjoy Music Files

1. Press [Red] button to switch to All or Music.
2. Press [▲/▼/◀/▶] button to select the music you want to view.



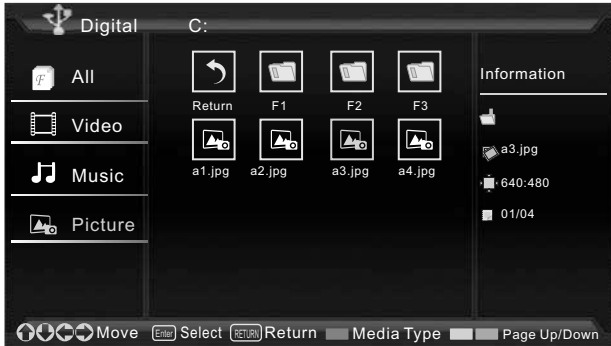
3. Press [ENTER] to play the music.
4. All the music is listed on the left. Press [▲/▼] button to select the music and press [▶] button to mark it. You can press [Yellow/Blue] button to turn to the previous /next page.
 - Press [Green] button to select the Mode: Mark/All/Single.
5. Press [EXIT] to exit the music playback interface.



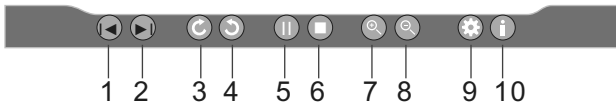
Network Settings

Browse the Pictures

1. Press [Red] button to switch to All or Picture.
2. Press the [▲/▼/◀/▶] button to select the picture you want to view.
3. Press the [ENTER] to browse the picture.
4. Press the [■/EXIT] button to exit the picture and return to the previous directory.



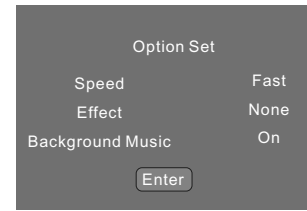
Tool Bar



When browsing the pictures

Press the [ENTER] button to display/exit the picture control bar, and press [◀/▶] button to select the function icon and then press the [ENTER] button to confirm.

1. Browse the previous picture. You can press [◀◀] button directly to achieve the function when no control bar displays on the screen.
2. Browse the next picture. You can press [▶▶] button directly to achieve the function when no control bar displays on the screen.
3. Allows the picture to rotate 90 degrees clockwise.
4. Allows the picture to rotate 90 degrees anticlockwise.
5. Play/pause. You can press the [ENTER] button directly when no control bar on the screen.
6. Stop browsing the picture. You can press the [■] button directly when no control bar on the screen.
7. Zoom in the picture.
8. Zoom out the picture.
9. Option Set: Press the [▲/▼] button to select the options and press the [◀/▶] button to set them.
 - Speed - Allows you to browse the picture at different speeds.
 - Effect - Allows you to set how the picture appears on the screen.
 - Background Music - Allows you to enjoy the music when browsing the pictures if it is set On.



10. Picture info: Allows you to view the picture information.

Troubleshooting


Use the following checklist for troubleshooting if you have problems with your LCD TV. Consult your local dealer or service outlet if problems persist. Be sure all connections are properly made when using with other units.

SYMPTOMS	POSSIBLE SOLUTIONS
TV does not operate.	<ul style="list-style-type: none"> • Make sure the power cord is plugged in. • Try another AC outlet. • Power is off, check fuse or circuit breaker. • Unplug unit for an hour, then plug it back in.
Poor sound or no sound.	<ul style="list-style-type: none"> • Station or Cable TV experiencing problems, tune to another station. • Check sound adjustments (Volume or Mute). • Check for sources of possible interference.
Poor picture or no picture.	<ul style="list-style-type: none"> • Station or Cable TV experiencing problems, tune to another station. • Make sure channels are set into memory. • Check antenna or Cable TV connections, adjust antenna. • Check for sources of possible interference. • Check picture control adjustments.
Poor reception on some channels.	<ul style="list-style-type: none"> • Station or Cable TV experiencing problems, tune to another station. • Make sure channels are set into memory. • Station is weak, adjust antenna to receive desired station. • Check for sources of possible interference.
Poor color or no color.	<ul style="list-style-type: none"> • Station or Cable TV experiencing problems, tune to another station. • Make sure channels are set into memory. • Check picture control adjustments. • Check antenna or Cable TV connections, adjust antenna. • Check for sources of possible interference.
Picture wobbles or drifts.	<ul style="list-style-type: none"> • Station or Cable TV experiencing problems, tune to another station. • Make sure channels are set into memory. • Cable TV company is scrambling signal. • Adjust antenna.

SYMPTOMS	POSSIBLE SOLUTIONS
Digital broadcasting screen problem.	<ul style="list-style-type: none"> • Check digital signal strength.
No CATV reception.	<ul style="list-style-type: none"> • Check all Cable TV connections. • Set Air/Cable menu option to the Cable mode. • Station or Cable TV system problems, try another station.
Horizontal or diagonal bars on screen.	<ul style="list-style-type: none"> • Check antenna connections, adjust or re-direct antenna. • Check for sources of possible interference.
No reception above channel 13.	<ul style="list-style-type: none"> • Make sure Source option is in the appropriate mode. • If using antenna, check UHF antenna connections.
No Remote operation.	<ul style="list-style-type: none"> • Batteries are weak, dead or inserted incorrectly. • Remote is out of range, move closer to TV (within 15 feet). • Make sure Remote is aimed at sensor. • Confirm there are no obstructions between the Remote and the TV. • Make sure the power cord is plugged in.
TV shuts off.	<ul style="list-style-type: none"> • Sleep Timer is set. • Power interrupted.
Closed Caption is not activated.	<ul style="list-style-type: none"> • TV station experiencing problems or program tuned is not closed captioned. Try another channel. • Check Cable TV connection or VHF/UHF antenna, reposition or rotate antenna. • Set closed caption decoder in the menu.
TV is not shown in your language.	<ul style="list-style-type: none"> • Select proper language in the menu options.

If the problem cannot be solved with the suggested procedures, contact 1-888-333-1899. For your safety, never try to repair the product yourself.

Troubleshooting

SYMPTOMS	POSSIBLE SOLUTIONS
Network connection fail.	<ul style="list-style-type: none"> ● Check network physical connection, make sure connection is correct. ● Enter "Menu", "Network", "Configuration", make sure configuration is correct according to your network service provider. ● Enter "Menu", "Network", "Configuration", "Connection Test" to make sure that network connection test is successful.
Connect VUDU/Netflix fail.	<ul style="list-style-type: none"> ● Check network connection is correct, both physically and configuration. ● Enter "Menu", "Network", "Configuration", "Connection Test" to make sure that network connection test is successful. ● For VUDU: Enter "Menu", "Network", "Configuration", "Applications", "VUDU", "Deactivation" to reset VUDU account. ● For Netflix: Enter "Menu", "Network", "Configuration", "Applications", "Netflix", "Deactivation" to reset Netflix account.
Log out VUDU/Netflix or change log in account.	<ul style="list-style-type: none"> ● For VUDU: <ol style="list-style-type: none"> 1. Press [EXIT] button on remote to exit VUDU. 2. Enter "Menu", "Network", "Configuration", "Applications", "VUDU", "Deactivation" to reset VUDU account. ● For Netflix: <ol style="list-style-type: none"> 1. Press [EXIT] button on remote to exit VUDU. 2. Enter "Menu", "Network", "Configuration", "Applications", "Netflix", "Deactivation" to reset Netflix account.
Home network does not work.	<ul style="list-style-type: none"> ● Check network connection is correct, both physically and configuration. ● Make sure network server (PC or Mac) has shared media content and TV has permission to access shared media. ● Enter "Menu", "Network", "Applications", turn on "Home network". ● Select DMP source to find shared contents. Select "DMP" source by using [INPUT] button on remote and select the USB input or press [] button and then select "Multi-Media" Icon.
How do I get easy IPTV to work on my TV?	<ul style="list-style-type: none"> ● You need a broadband (high speed) Internet service with a speed of no less than 1.5 Mbps. ● Connect the TV to the internet through your router by an Ethernet Cable or wireless. If connection fails, check with your internet service provider or router manufacturer to determine if there is a firewall, content filter, or proxy settings that may block the TV from accessing the internet. ● Before calling for service, check the following information for possible solutions to problems you may experience. If none of these solutions work, turn off the TV, then turn it on again. ● Caution: Do not try to repair the TV yourself. Refer all servicing to qualified repair personnel.

Specifications

MODEL NAME	LE48W806	LE55W806
GENERAL		
Power supply	AC 120V 60Hz	AC 120V 60Hz
Power consumption	Operation: 135W Standby: 0.4W	Operation: 115W Standby: 0.4W
Weight	21.5kg (47.4 lbs)	25kg (55.1 lbs)
Dimensions(with stand)	Width: 1105 mm (43.5 inches) Height: 737 mm (29.0 inches) Depth: 285 mm (11.2 inches)	Width: 1265 mm (49.8 inches) Height: 814 mm (32.0 inches) Depth: 330 mm (13.0 inches)
Operating temperature	5°C - 40°C	
Operating humidity	Less than 80% RH	
TELEVISION		
Type	120.9cm (48" class/ 47.61" diagonal)	138.8cm (55" class/ 54.64" diagonal)
Display method	Transmission TFT color LCD panel	Transmission TFT color LCD panel
Number of Pixels	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)
Broadcasting system	US system M ATSC standard (8VSB), QAM	
Receiving channels	VHF 2-13 UHF 14-69 CATV 1-125 Digital Terrestrial Broadcast(8VSB):2-69 Digital cable(64/256 QAM):1-135	
Tuner type	Frequency synthesized	
Inputs	Video: 1.0 V (p-p), 75 ohms Audio: 2V RMS max, 50k ohms terminated Component video: (Y) 1.0 V (p-p), 75 ohms (Pb)/(Pr) 0.7 V (p-p), 75 ohms HDMI: HDMI compliant (type A connector) HDCP compliant E-EDID compliant Suggested scan rates: 1080p, 1080i, 720p, 480p, 480i HDMI Audio: 2-channel PCM 32/44.1/48 kHz sampling frequency 16/20/24 bits per sample PC Monitor: Mini-Dsub 15pin x 1 Antenna: VHF/UHF In 75 ohms coaxial USB: USB 2.0x2 LAN: 10BASE-T/100BASE-TX x1	
Output	Digital audio: 0.7 V (p-p), 75 ohms terminated	
Speaker	220mm×65mm×35mm (9.0inch x 3.0 inches x 1.4 inches), 8 ohms x 2	
Audio output power	10W + 10W	10W + 10W
ACCESSORIES	Remote control/Batteries (AAA) x 2/Stand/Stand Cover /Owner's Guide /Quick Start Guide /2 pairs of 3D Active glasses Stand Screw: GB/T 818-2000 M4×12 GB818/2000 M5×12 SJ2822-87 ST4×14 GB818/2000 M5×12	

- Designs and specifications are subject to change without notice.
- For information on our other products, please visit our website at www.hitachi.us

Limited Warranty

HITACHI Inspire the Next

LIMITED WARRANTY TO ORIGINAL CONSUMER LCD TV

Up to 32": Carry-in or ship-in service only Above 32": In-home service

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Subject to the terms and conditions of this Limited Warranty (this "Warranty"), this Hitachi Television Product, including any accessories included in the packaging) (this "Product"), is warranted by **Hitachi America, Ltd.** ("Hitachi") to the original consumer purchaser against defects in materials and workmanship as follows:

1. **LABOR:** For a period of one year from date of original consumer purchase, if this Product or any functional part is determined by Hitachi, or any authorized servicer specified by Hitachi ("Authorized Servicer"), to be defective, Hitachi will repair the Product or, at Hitachi's option, replace the Product with a Hitachi refurbished television product of similar or better quality, at no charge to the original consumer. After the expiration of the one year Warranty period, consumer is responsible for all repairs and repair-related labor charges.

2. **PARTS:** For a period of one year from the date of original consumer purchase, Hitachi will supply, at no charge to the original consumer new, rebuilt, or refurbished functional replacement parts in exchange for defective parts. After the expiration of the one year Warranty period, consumer is responsible for the costs of all parts.

3. **TRANSPORTATION:** Except to the extent the Product qualifies for in-home service, customer assumes responsibility for all applicable transportation or shipping charges related to delivering Product to an Authorized Servicer during the aforementioned warranty period; *provided that*, if Product is shipped to an Authorized Servicer by customer, Hitachi will pay the cost of shipping the Product back to the consumer. Product 32" or below is not eligible for in-home service.

4. **IN-HOME SERVICE:** In-home service requires clear, complete and easy access to the Product by the Authorized Servicer and does not include removal or re-installation of an installed Product. It is possible that certain in-home repairs will not be completed on-site, but will require that the Product or parts of the Product, at the Authorized Servicer's discretion be removed for shop diagnosis and/or repair. The Product or parts will then be returned to the consumer.

To obtain Warranty Service and Troubleshooting information:

Call our Electronics Consumer Care Center at 1-888-333-1899 in the United States and Puerto Rico.

Hours: 9am to 6 pm EST Monday – Friday (excluding holidays)

To receive Warranty service, the original consumer purchaser must contact Hitachi at the above telephone number for problem determination and service procedures. Proof of purchase in the form of an original bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), **MUST** be presented to Hitachi, or an Authorized Servicer, in order to obtain the requested service.

Exclusions and Limitations: This Warranty covers manufacturing defects in materials and workmanship encountered in the normal, noncommercial use of the Product, and does not cover consumer instruction, delivery, installation, set-up, adjustments, signal reception problems (including antenna), cosmetic damage or damage due to acts of nature, accident, misuse, abuse, negligence, commercial use or modification of, or to any part of the Product. In addition, this Warranty does not cover "ghosting" or image retention the Product's screen caused by extended and/or repeated display of fixed on-screen content. This Warranty applies to the original consumer only and does not cover Products sold to consumers in used, "AS IS" or "WITH ALL FAULTS" condition, or consumables (e.g., fuses, batteries, bulbs etc.), and the Warranty is invalid if the factory-applied serial number has been altered or removed from the Product. Damage occurring to any Product returned for service that is caused by improper or unsecure packaging or shipping by the original consumer purchaser is excluded from coverage under this Warranty. This Warranty is valid only in the United States and Puerto Rico, and only applies to Products purchased and serviced in the United

Limited Warranty

States and Puerto Rico. Warranty will be voided if attempts of repair are performed by the consumer or any servicers that are NOT authorized by Hitachi.

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CUSTOMER RECORD

(Please Retain for your records)

Date of Purchase: _____ Store/Dealer: _____
Model No.: _____ Serial No.: _____

Important: Keep all original Product packaging materials and *the original receipt* in the event Product needs service.

End User License Agreement for HITACHI DTV Software

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- NO FAILURE OF ESSENTIAL PURPOSE.** You agree that neither **HITACHI'S** breach of this agreement nor its failure to repair a defect, error or bug in the software shall constitute a failure of the essential purpose of this agreement.
- CRYPTOGRAPHIC SOFTWARE.** The software contains software developed by the OpenSSL Project, including cryptographic software written by eric young (the “cryptographic software”). The cryptographic software is provided by the OpenSSL Project in “as is” condition and any express or implied warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose are hereby expressly disclaimed to the maximum extent permitted by law. In no event shall the OpenSSL Project, its contributors, **HITACHI** or any of its parent or affiliate companies be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of the software or the cryptographic software, even if advised in advance of the possibility of such damages.
- TERMINATION.** **HITACHI** may terminate this Agreement immediately at any time by providing notice to you.
- GOVERNING LAW; SEVERABILITY.** This Agreement will be governed by the laws of the State of New York, and you consent to the exclusive jurisdiction and venue in the federal courts sitting in the Southern District of New York, unless no federal subject matter jurisdiction exists, in which case you consent to the exclusive jurisdiction and venue in the Borough of Manhattan, New York, USA.

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End User License Agreement for Open Source Software

OPEN SOURCE SOFTWARE LICENSE INFORMATION

This Hitachi TV incorporates open source software modules distributed under certain licenses, including the GNU General Public License Version 3 (as defined by the Free Software Foundation, Inc.).

The open source software modules incorporated in this Hitachi TV are shown in the table below.

Software Module	Library Name	Link	Applicable License
AC3 decoder	liba52.c	www.liba52.sourceforge.net	GNU General Public License Version 3

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If you would like to learn more about the Free Software Foundation, Inc. or the GNU software project, please visit <http://www.fsf.org>. If you would like to request a copy of the Source Code Modifications, please send an email to the following address: tvsoftwaresupport@hal.hitachi.com

Appendixes

Appendix A: Picture Format for Each Input Source

Aspect Specifications

Aspect		4:3	16:9	Dot toDot	Zoom	Cinema
Zoom Ratio	SD:OverScan(5%) HD:OverScan (3%)	YES	YES	No	YES	YES
Air / Cable	NTSC, 480i,480p	YES	YES	--	YES	YES
	720p, 1080i	--	YES	--	--	--
Composite		YES	YES	--	YES	YES
Component	480i, 480p	YES	YES	--	YES	YES
	720p, 1080i,1080p	--	YES	--	--	--
HDMI (DVI)	VGA, SVGA,	YES	YES	--	YES	YES
	XGA, WXGA			--		
	480i, 480p	YES	YES	--	YES	YES
	720p, 1080i, 1080p	--	YES	--	--	--
RGB		YES	YES	YES	--	--

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Appendix B: RGB Format

Resolution	Frequency(Hz)
640x480	60
800x600	60
1024x768	60
1280x720	60
1280x768	60
1360x768	60
1920x1080	60

NOTE

The type of video board or connecting cable may not allow for correct displays adjustment of H-Position, V-Position, Clock and Phase.