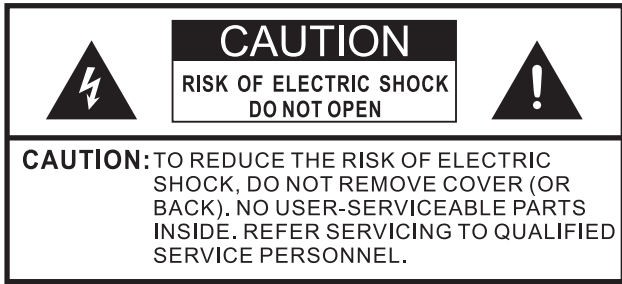


Hisense
INNOVATION IS LIFE

印刷条码

USER MANUAL

Before using the TV, please read this manual thoroughly and retain it for future reference.



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.

FCC Statement

NOTE:

This equipment has been tested and found to comply with the limits for a class B digital Device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio Communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

FCC ID Number WiFi Module: WWMMN421V1

WARNING

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority.

Energy Star

Your Hisense TV is ENERGY STAR® qualified in the "Home" mode. It meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of these government agencies, designed to promote energy efficient products and practices. Changes to certain features, settings, and functionalities of this TV (i.e. TV Guide, Picture, Sound) can increase or change the power consumption. Depending upon such changed settings, the power consumption may exceed the limits required for the ENERGY STAR qualification in the "Home" mode.



NOTE

Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.



Hisense and associated logos where applicable are registered trademarks of Hisense Group in the United States and/or other countries. All other trademarks are property of their respective owners. 2011 Hisense USA, Corporation. All Rights Reserved. Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



* Specifications subject to change without notice. All other trademarks, logos and copyrights are the property of their respective owners.

CHILD SAFETY:

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

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:



THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel 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 dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

THIS MANUFACTURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

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.

 **CEA**
Consumer Electronics Association
www.CE.org/safety

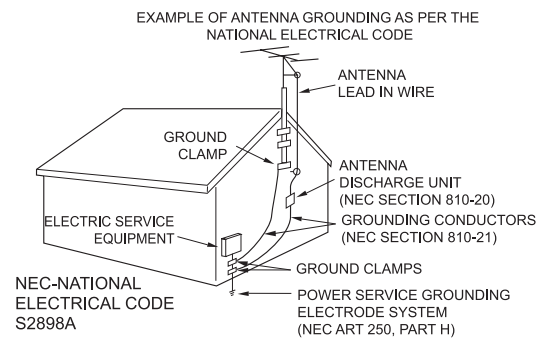
Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with 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.



S3125A

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.

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.

Important Safety Instructions

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.

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.

End of life directives

Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed black (in the case of a dead pixel), blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

Power source

TO USE AC POWER

1. The power cord is attached to the TV at the factory.
2. Connect the AC cord into an AC outlet.

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.

Important Safety Instructions

Disclaimer: Hisense USA companies ("Hisense"). A wired or wireless Internet connection is required for certain features and is not included with the television; please contact a local Internet Service Provider for assistance. Content suppliers may require a subscription to activate or use their services which is not included with the television and is sold separately. The Hisense TV web browser supports a variety of multimedia platforms however it does not support all players nor does it support every player version, therefore, access to certain web content may be limited or unavailable.

INTERNET CONNECTION, ACCEPTANCE OF END USER LICENSE AGREEMENT (EULA) AND REGISTRATION OF YOUR HISENSE TELEVISION SERIAL NUMBER IS REQUIRED. YOU MUST BE AT LEAST 13 YEARS OF AGE TO REGISTER ONLINE. HISENSE MAY ADD, DELETE, MODIFY, OR TERMINATE ONLINE SERVICES WITHOUT NOTICE.

Consent to Use of Data: To facilitate the provision of software updates, any dynamically served content, product support and other services you agree that Hisense and its affiliates may collect, use, store and transmit technical and related information that identifies your television (including an Internet Protocol Address), its operating system, application software and any connected devices. Hisense and its affiliates may also use this information in the aggregate, in a form which does not personally identify you, to improve our products and services and we may share anonymous aggregate data with our third party service providers.

Internet Performance Issues: A broadband Internet connection is required for access to Internet Apps and Content. To avoid poor performance while accessing Internet Apps and Content, be sure other devices on the same Internet connection are not running file sharing applications, streaming audio or video content and are not logged in to chat-rooms. These applications may consume your connection's bandwidth, causing lag or other undesirable effects. This television uses TCP and UDP port(s) to access Internet Apps and Content. Please consult your router or personal firewall documentation for information on how to allow access to these ports. If you are installing this television on a corporate Internet connection, contact your network administrator for information and assistance.

Liability: The Hi-Smart portal may be linked to other sites on the World Wide Web or Internet which are not under the control of or maintained by Hisense. Such links do not constitute an endorsement by Hisense. You acknowledge that Hisense is providing these links to you only as a convenience; you further agree that Hisense is not responsible for the content of such sites.

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Technical Support: If you have questions regarding installation, configuration or operation of this product, please telephone a Hisense Customer Care representative who will be happy to assist you with any difficulties you may be experiencing.

Dial: 1-888-935-8880 (Toll Free)
Email: service@hisense-usa.com

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Illustrations are for your reference only!

Getting Started

Accessories List



User Manual



Quick Setup Guide



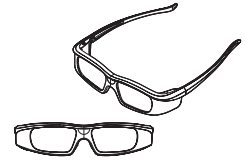
Warranty Card



Remote Control



Battery × 2



3D Glasses × 2



Spacer×4



Screws: ScrewA (M4×L12)×2



ScrewB (ST4×L14)×2



ScrewC (M5×L12)×4



ScrewD (M6×L25)×4

Installing the Stand

NOTES

1. The LCD display is very fragile, and must be protected at all times when removing the base stand. Be sure that no hard or sharp object, or anything that could scratch or damage the LCD display, comes into contact with it. DO NOT exert pressure on the front of the TV at any time because the screen could crack.
2. For tabletop use, the TV must be attached to the provided stand as shown on this page.
3. To Wall-Mount, brackets (not provided) must be attached to the TV as shown on next page.

WARNING

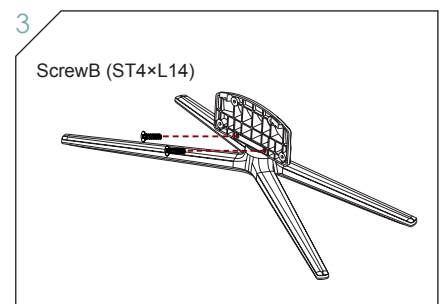
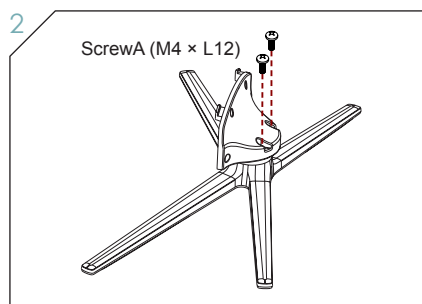
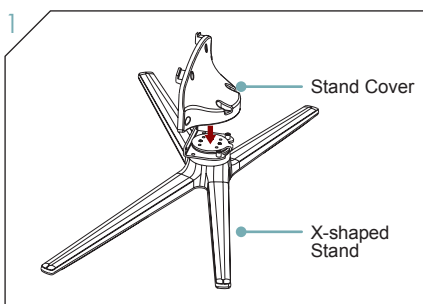
Be sure to disconnect the AC power cord before installing a stand or Wall-Mount brackets.

CAUTION

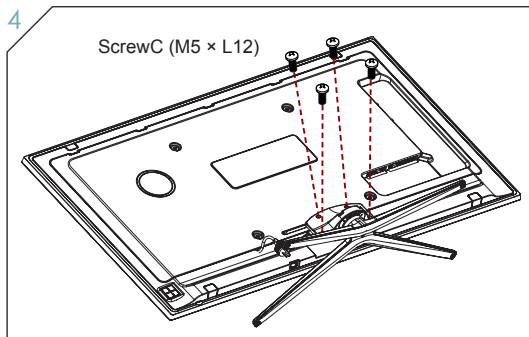
Use a covered table or bench to lay the TV on and handle the TV carefully to prevent damage to the TV screen or cabinet during assembly.

Follow the illustrations below to complete the installation steps:

1. Align the stand cover with the X-shaped stand as shown in Figure 1.
2. Secure the stand cover to the X-shaped stand vertically with the two provided Screws A. See Figure 2.
3. Secure the stand cover to the X-shaped stand horizontally with the two provided Screws B. See Figure 3.



Getting Started

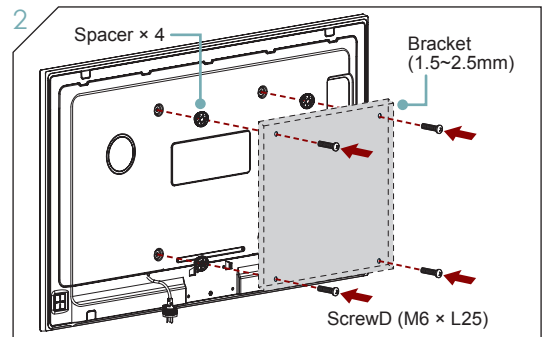
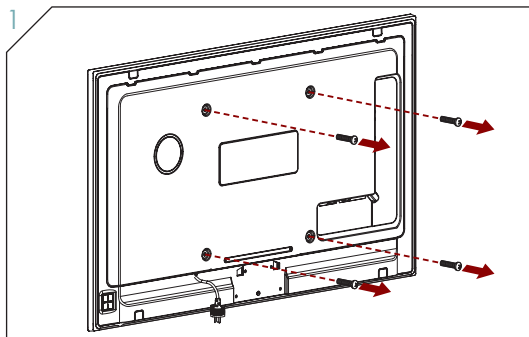


4. Carefully place your TV on a soft, cushioned, surface to prevent damage to the screen.

Align the stand cover with the screw holes on the bottom of TV back, secure the stand to the TV with the four provided Screws C. See Figure 4.

Installing a Wall-Mount Bracket

If you want to attach the TV to a Wall-Mount bracket (not provided), you should first remove the stand if it is pre-attached (see Step 1).



1. Make sure the TV is laid face-down on a clean, safe, and cushioned space, remove the original screws in the bracket holes on the TV back over.

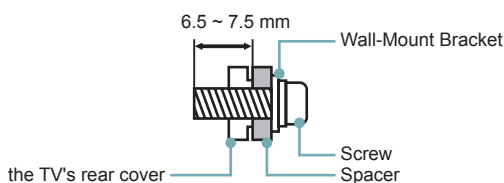
2. Place the provided spacers in the corresponding bracket holes. Attach purchased bracket (1.5 ~ 2.5 mm thickness) on the TV with 4 screws (M6 × L25) which in accessories bag. Follow instructions provided with the wall bracket.

⚠ WARNING

Use only the 4 screws (M6 × L25) provided with the TV to prevent internal damage to the TV set or cause it to fall.

3. Follow instructions provided with the Wall-Mount bracket.

- If you are not sure of your ability to do complete the installation, contact a professional installer or service technician for assistance. The manufacturer is not responsible for any damages or injuries that occur due to mishandling or incorrect assembly.
- The selected screws are 6.5 ~ 7.5 mm in length when measured from the attaching surface of the TV's rear cover. The diameter and length of the screws differ depending on the Wall-Mount Bracket model.



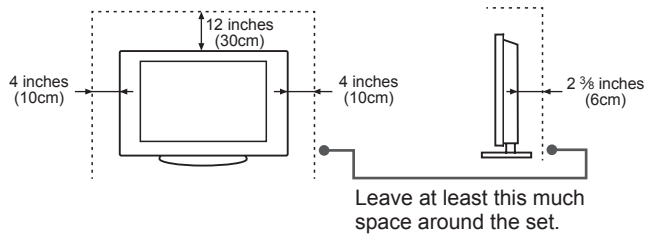
Wall-Mount hole pattern VESA (mm)	400 × 400
Wall-Mount screw size (mm)	M6

Getting Started

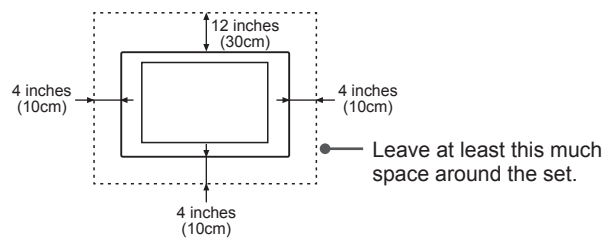
When Installing the TV Against a Wall or Enclosed Area

Make sure that your TV has adequate air circulation. Allow enough space around the TV as shown below. Avoid operating the TV at temperatures below Inadequate air 41°F (5°C).

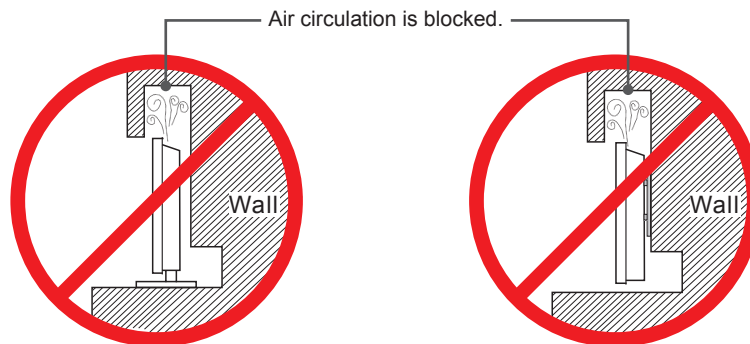
Install with stand



Install on the wall



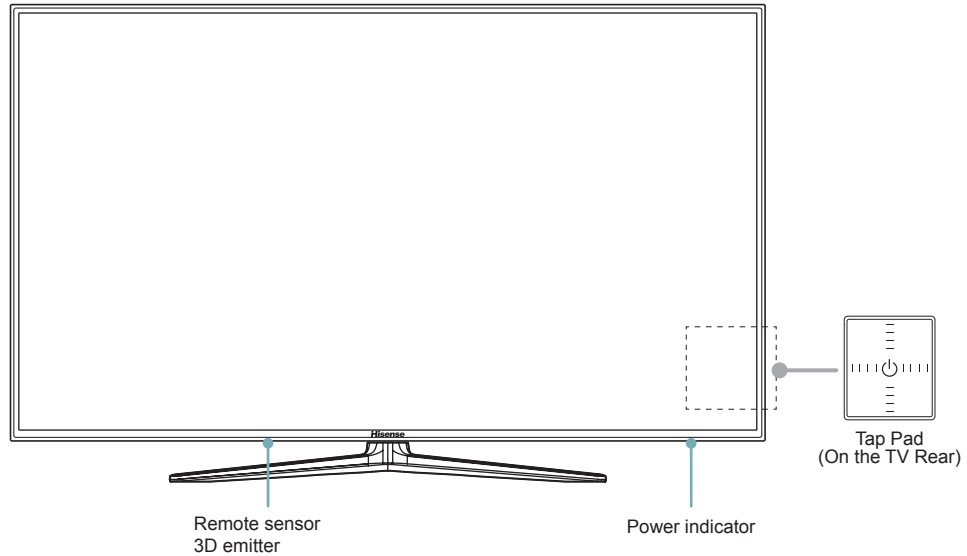
Never install the TV set as follows:









Inadequate air circulation can lead to overheating of the TV and may cause damage to your TV or cause a fire.

Getting Started

Viewing the Control Panel



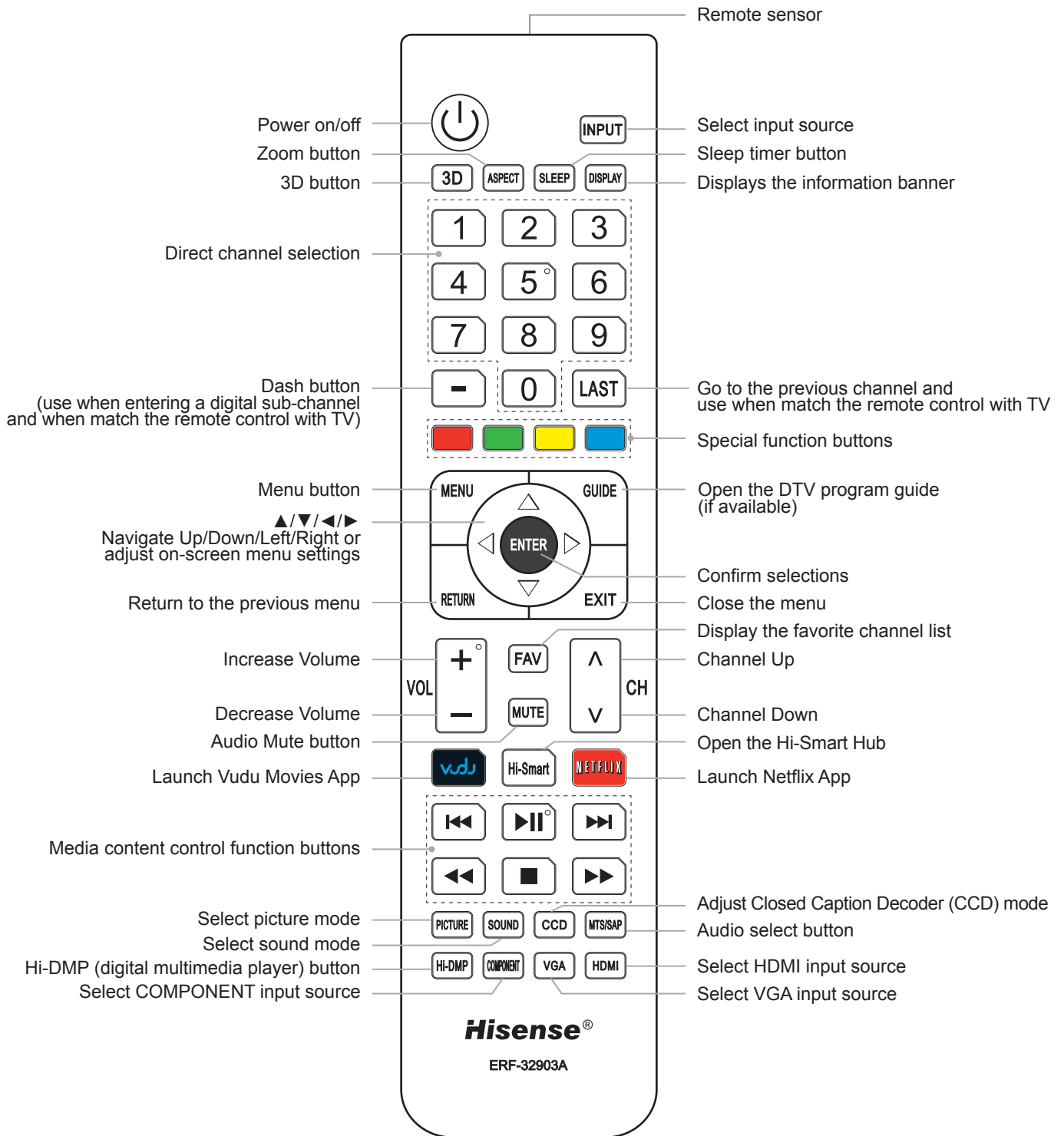
Item		Description
Remote sensor		Receives remote signals from the remote control. Do not put anything near the sensor, as its function may be affected.
3D emitter		Sends signals to 3D glasses during playback of 3D movies and TV shows. Do not put anything near the sensor, as its function may be affected.
Power indicator		Light up in standby mode.
Tap Pad	Turn On (When TV off)	 Press and hold 3 seconds for Power on.
	Turn Off (When TV on)	 Press and hold 3 seconds for Power off.
	CH \wedge	 Slide up for Channel up.
	CH \vee	 Slide down for Channel down.
	VOL -	 Slide left (rear view) for Volume down.
	VOL +	 Slide right (rear view) for Volume up.

NOTES

- FOR ILLUSTRATION ONLY.
- Powering up or down the TV requires several seconds of processing time. Do not rapidly turn the TV on/off as abnormal operation may occur.

Getting Started

Viewing the Remote Control



NOTES

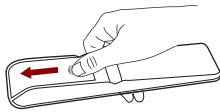
- FOR ILLUSTRATION ONLY.
- [RED/GREEN/YELLOW/BLUE] buttons are used for Electronic Program Guide (EPG), Hi-Smart Hub and Digital Media Player (DMP). After pressing the [GUIDE], [Hi-Smart] or [Hi-DMP] button, the same color buttons will appear with explanations in the on-screen display (OSD). Follow the steps shown in the OSD.

Getting Started

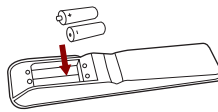
Installing Batteries in the Remote Control

1. Slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.

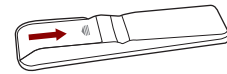
❶ Gently push and slide



❷ Insert the batteries



❸ Gently push and slide



NOTES

1. Dispose of your batteries in a designated disposal area. Do not throw the batteries into a fire.
2. Do not mix battery types or combine used batteries with new ones.
3. Remove depleted batteries immediately to prevent battery acid from leaking into the battery compartment.
4. If you do not intend to use the remote control for a long time, remove the batteries.
5. Batteries should not be exposed to excessive heat, such as sunshine, heat registers, or fire.
6. Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
7. Do not mix old and new batteries.
8. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

Match the Remote Control with TV

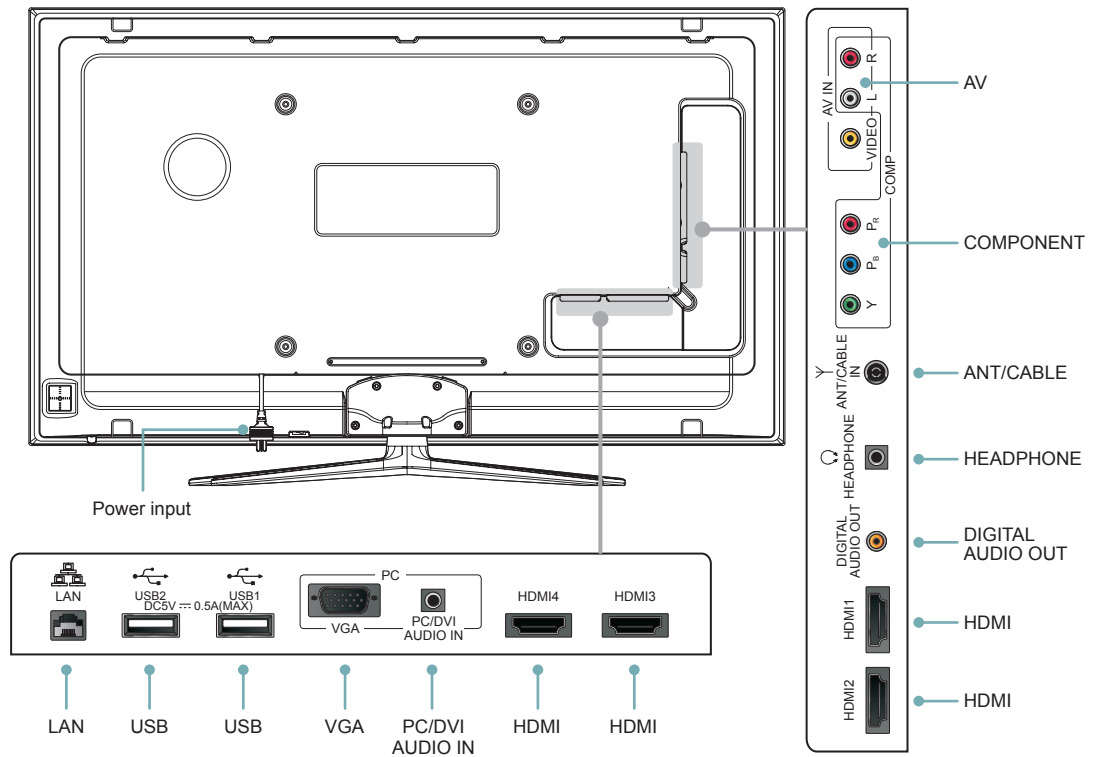
Aim your remote control within 6 inches of the lower left corner of your TV. Press the [-] and [LAST] buttons simultaneously for at least 3 seconds. The LED at the top of your remote will light for one second and blink slowly three times to indicate the remote has paired with the TV.

NOTE

If the LED blinks rapidly, the remote has failed to pair with the TV, repeat the pairing procedure.

Getting Started

Making Connections



Item	Description
ANT/CABLE	Connect an antenna or cable TV to this jack.
HDMI	HDMI (High-Definition Multimedia Interface) provides an uncompressed, all digital audio/video interface between this TV and any HDMI-device, such as a set-top box, Blu-ray disc player, or A/V receiver.
COMPONENT	Connect to a DVD player, Digital Set-Top-Box, or other A/V devices with component (Y _P P _R) video and audio output jacks.
VIDEO/AUDIO(L,R)	Connect to the composite video and audio (L/R) output jacks on external video devices.
VGA PC/DVI AUDIO IN	Connect to a PC or other devices with a VGA interface.
HEADPHONE	Connect headphone for private listening.
DIGITAL AUDIO OUT	Connect to an external digital audio device.
USB	Port for Digital Media Player and for charging 3D glasses.
LAN	Connect an ethernet cable to access a network or the Internet.

NOTE

Some external devices impossible insert to this set for individual difference. Please replace with appropriate external signal cable or increase the adapter to match with the port in such case.

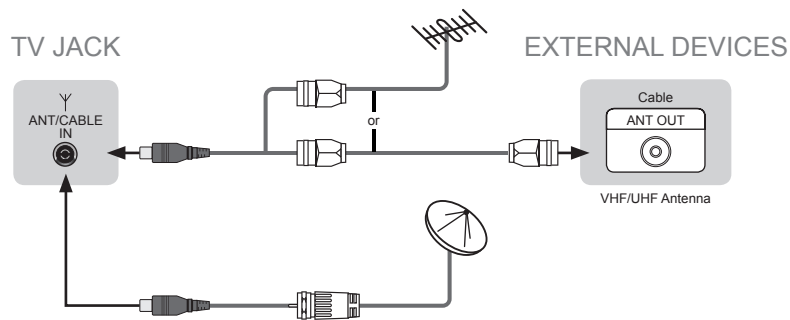
Getting Started

NOTES

- Check the jacks for position and type before making any connections. Loose connections can result in image or color problems. Make sure that all connections are tight and secure.
- Not all A/V devices have the ability to connect to a TV, please refer to the user's manual of your A/V device for compatibility and connections procedure.
- Always unplug the power cord when connecting external equipment.

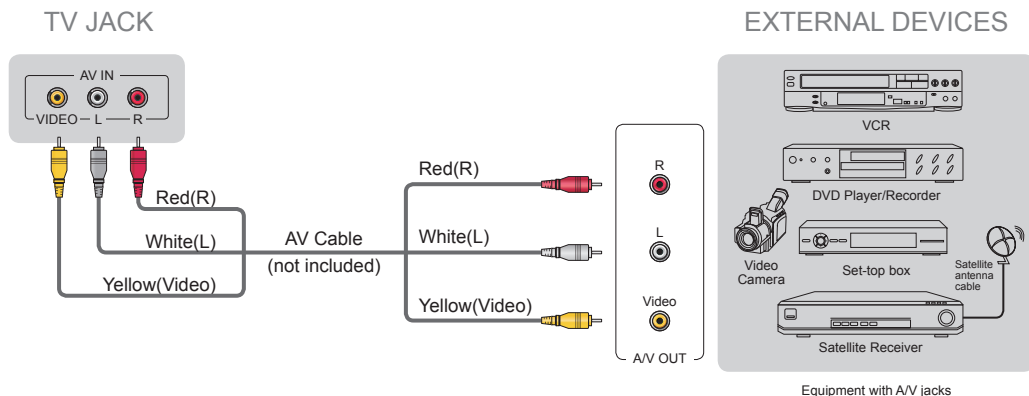
Connecting an antenna, cable or cable/satellite box

1. Turn off the TV before connecting the antenna.
2. Connect one end of a coaxial cable (not included) to the RF OUT jack on the antenna, cable or cable/satellite box. If you are using an antenna with twin-lead cable, you may need a 300-75 ohm adapter (not provided) to connect it to the back of your TV. Likewise, if you are using several antennas, you may need a combiner (not provided).
3. Connect the other end of the cable to the ANT/CABLE IN jack on the side of your TV.



Connecting an A/V Device with Composite Cable

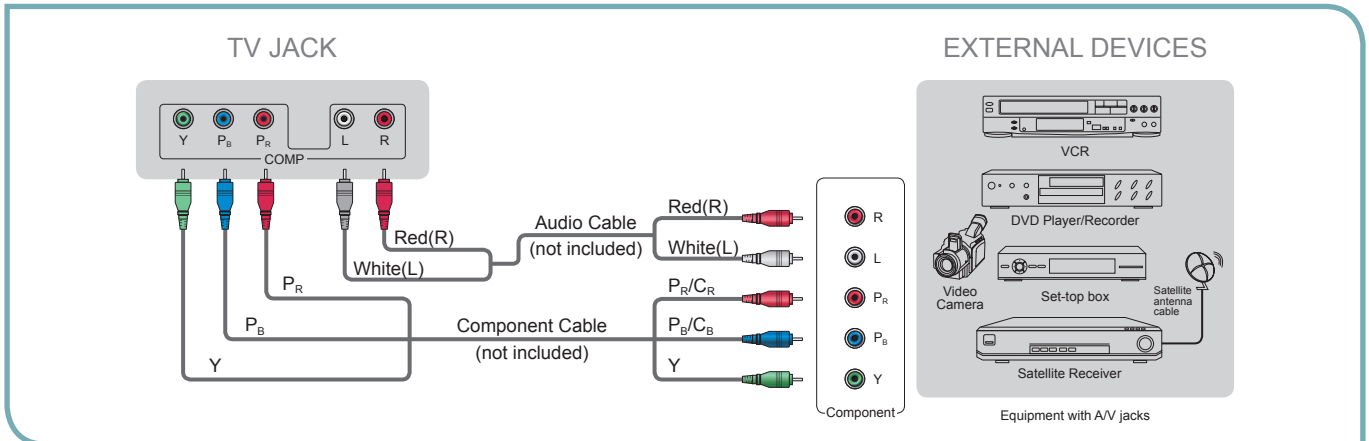
1. Use the audio and video cables to connect the external A/V device's composite video/audio jacks to the TV's jacks. (Video = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



Getting Started

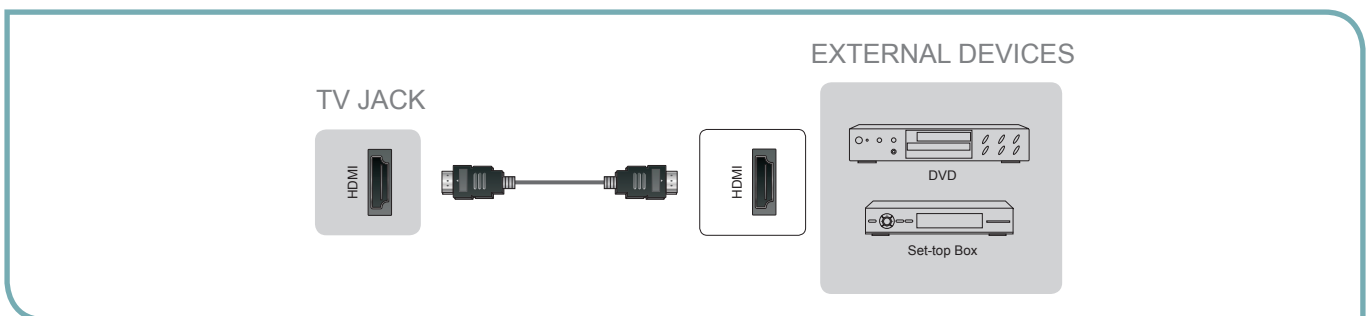
❏ Connecting an A/V Device with Component (YP_BP_R) Cable

1. Use a component cable to connect the external A/V device's component output jacks to the TV's YP_BP_R jacks. Use an audio cable to connect the external A/V device's component audio jacks to the TV's AUDIO (L/R) jacks.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



❏ Connecting an A/V Device with HDMI Cable

- Support digital connections between HDMI - enabled AV devices such as PVR, DVD, Blu-Ray, AV receiver and digital devices.
 - Some devices such as PVR or DVD player require HDMI signal to be set to output in the device's settings.
 - Please consult your device user manual for instructions.
1. Use an HDMI cable to connect the A/V device's HDMI output jack to the TV's HDMI jack.
 2. Plug the connected devices into the mains socket before switching on the TV .
 3. Select the corresponding source from the TV.

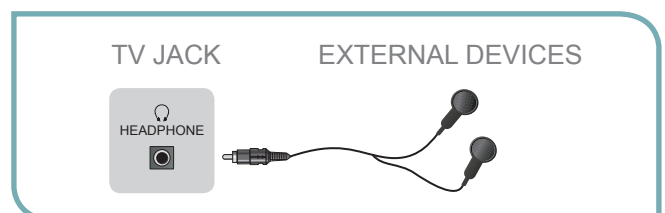


✔ NOTE

The HDMI connector provides both video and audio signals, it's not necessary to connect an audio cable.

❏ Connecting a headphone

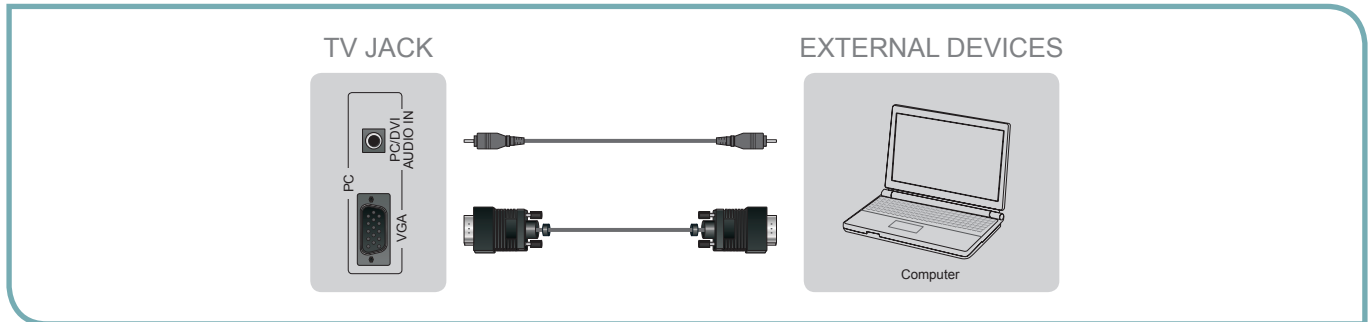
Headphones or an analog sound bar can be connected to the HEADPHONE output on your set. (While the headphone is connected, the sound from the built-in speakers will be disabled.)



Getting Started

Connecting a PC with VGA Cable

1. Use a VGA cable to connect the PC's VGA output jack to the TV's VGA jack. Use an audio cable to connect the PC's audio output jack to TV's PC/DVI AUDIO IN jack.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.

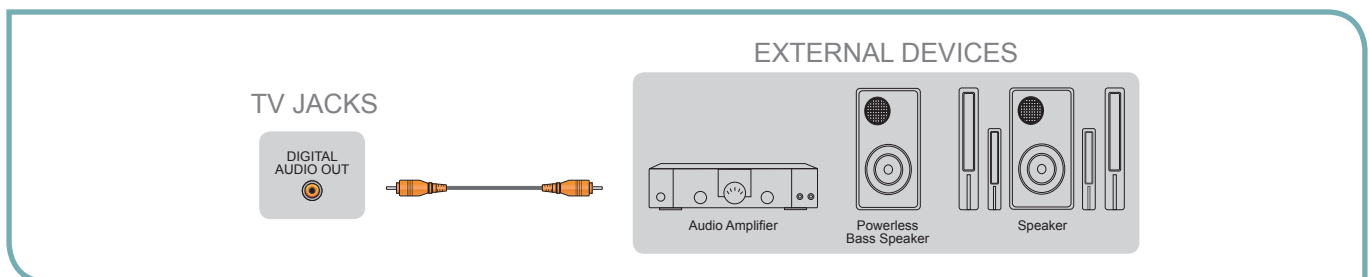


NOTES

- Primarily this unit is intended for use as an LCD TV. If you want to use it as a monitor, please contact the manufacturer of the PC Video/Graphic's card for further support. Perfect compatibility is not guaranteed.
- The VGA cable will not supplied with the product.
- We strongly recommend to use VGA cable with 2 ferrite cores as shown in the figure.

Connecting an Audio Receiver with Digital Audio out cable

1. Use a coaxial cable to connect the A/V device's digital audio in jack to the TV's DIGITAL AUDIO OUT jack.
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the TV.



NOTES

- When a digital audio system is connected to the DIGITAL AUDIO OUT (COAXIAL) jack, decrease the volume of both the TV and the system.
- 5.1 CH (channel) audio is available when the TV is connected to an external device supporting 5.1 CH.
- When the receiver (home theater) is set to on, you can hear sound output from the TV's digital audio out jack. When the TV is receiving a DTV signal, the TV will send 5.1 CH sound to the home theater receiver. When the source is connected to the TV via HDMI, only 2 CH audio will be heard from the home theater receiver. If you want to hear 5.1 CH audio, connect the digital audio out jack from your DVD/Blu-ray player/cable box/STB satellite receiver directly to an amplifier or home theater.

Connecting an ethernet cable to access a network or the Internet

Connect an ethernet cable to access a network or the Internet. TV also features wireless connectivity. For more information, see "Network Connection".

Basic Features

Turning the TV on or off

IMPORTANT: At first, you have to match the remote control with TV.

To turn your TV on or off (standby mode):

1. Plug the power cord into an AC power outlet.
2. Press [POWER] button or use the Tap Pad located on the TV (see “viewing the control panel”). Your TV turns on.
3. Press [POWER] button again to turn off your TV. When you turn off your TV, it goes into standby mode.

! WARNING

When your TV is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.

✓ NOTE

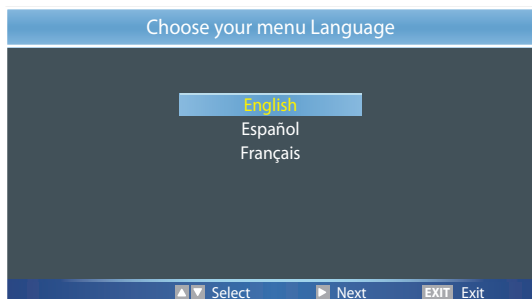
If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

Turning the TV On for the First Time

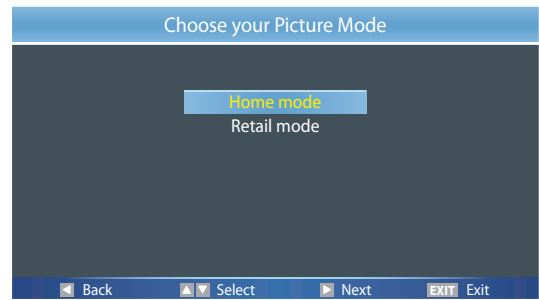
The Setup Wizard menu appears the first time you turn on the TV. It will assist you to specify the menu language, Picture Mode, Tuner Mode and Channel Installation.

IMPORTANT: Make sure that the antenna or cable is connected and a wired or wireless Internet connection is available.

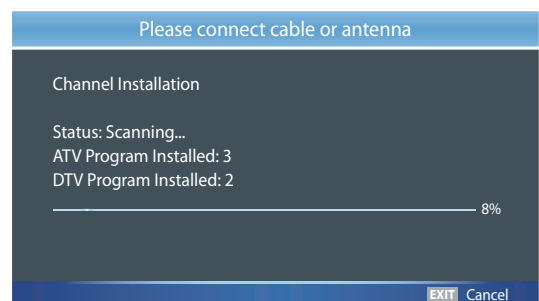
1. Make sure that you have:
 - Installed the remote control batteries.
 - Connected an antenna or cable.
 - Connected the power cord.
 - Matched the remote control with TV.
2. Press [POWER] button to turn on your TV. The **Setup Wizard** menu displays.
3. Press [▲/▼/◀/▶] to select your menu language: English, Spanish or French, press [ENTER] button to confirm.



4. Press [▲/▼] to select your Picture Mode: Home Mode or Retail Mode, press [ENTER] button to confirm.
 - If you select Retail Mode, a message appears “Are you sure you want retail mode?” Select “Yes” to continue, or select “No” to change your selection.



- If you selected Retail Mode, Energy Saving is not realized.
5. Press [▲/▼] to select your Tuner Mode: Antenna or Cable, press [ENTER] button to confirm.



6. Press [▲/▼] to set the Channel Installation: Scan or Skip Scan, press [ENTER] button to confirm.
 - If you select “Scan”, your TV automatically starts Channel Installation available in your viewing area.
 - If you select “Skip Scan”, your TV does not scan for channels.
 - Depending on the reception condition, it may take up to 25 minutes or more to complete memorizing channels. Please allow the process to complete without interruption.

Selecting the Input Source

The first time you turn on your TV, you must select the TV signal source. Your TV stores this information, so you do not need to change the TV signal source unless it changes. For example, you change from an outside antenna to cable TV.

To select the video input source:

1. Turn on your TV, then press [INPUT] button on the remote or on the TV. The Input Source menu opens.
2. Press [▲/▼] button to highlight the input source, then press [ENTER] button.
3. Press [POWER] button again to turn off your TV. When you turn off your TV, it goes into standby mode.



Basic Features

Changing Channels / Volume

1. Press the [CH Δ/∇] (or [CH +/-]) on the TV/remote control to change the channel.
2. Press the [VOL Δ/∇] (or [VOL +/-]) on the TV/remote control to adjust the volume.
3. Press the numeric buttons on the remote control to display the corresponding channels.

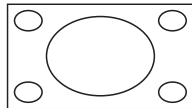
NOTE

Changing the channels can also be achieved by directly entering the channel number using the numeric keys on the remote control. If you are entering a two or three digit channel number, the time between key presses should be less than 3 seconds.

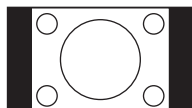
Shortcuts Instructions

Aspect - Select the screen aspect ratio from Normal, Wide, Zoom and Cinema.

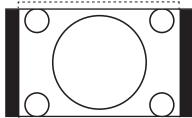
Normal: The original 4:3 aspect ratio (1.33:1 signal) is preserved, so black bars are added to the left and right of the image. Standard TV broadcasts are displayed with a 4:3 aspect ratio.



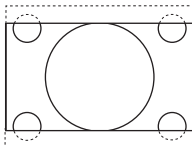
Wide: When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen. When watching a widescreen (1.78:1 signal) program or movie, the display image fills the TV screen.



Zoom: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.



Cinema: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.



DISPLAY - Display the information banner. The information including channel number, channel name, current system time, tuner mode, audio stream, video format, audio language, closed caption mode, parental locks rated, program details, etc.

GUIDE - Open the DTV program guide. The program guide information is provided by the broadcasting company.

FAV - Display your Favorite List. You can add or delete channels to create your favorite list.

Cursor up/down: Press [$\blacktriangle/\blacktriangledown$] button to select the option.

Add/Erase: Press [YELLOW] button to add or delete the channel from Favorite List.

Page up/down: Press [RED/GREEN] button to page up or down.

VUDU - VUDU™ is an on-demand, pay-per-view, service that offers high-definition movies via the Web. You can access the VUDU service by pressing this button.

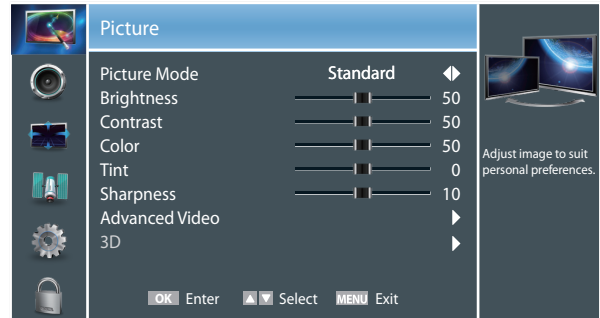
Hi-Smart - Press to open the Hi-Smart Hub. The Hi-Smart Hub provides convenient access to Services and Apps which let you watch movies, TV shows, listen to music, and much more.

NETFLIX - Press to open the Netflix interface. Netflix is an online DVD and Blu-ray Disc rental service, offering instant access to movies and TV shows to Netflix members. Netflix unlimited membership required (subscription not included).

Basic Features

To Use the Menu

- 1 Press the [Menu] button to open the main menu.
- 2 Press [▲/▼] to select a menu option, then press [▶/ENTER] to enter the menu.
- 3 In each menu, you can:
 - Press [▲/▼] to select an item,
 - Press [◀/▶] to adjust the value, or
 - Press [▶/ENTER] to enter the submenu,
 - Press [RETURN] to exit the submenu.
- 4 Press [EXIT] button to exit the menu.



NOTE

FOR ILLUSTRATION ONLY.

Using the Picture Menu

You can adjust:

Picture Mode - Adjust the Picture Mode. You can select Standard, Theater, Energy Saving, Game, Custom or Vivid.

Brightness - Increase or decrease the brightness of the picture. Increasing the brightness can add more light to dark areas of the picture, while decreasing the brightness can add more darkness to light areas of the picture.

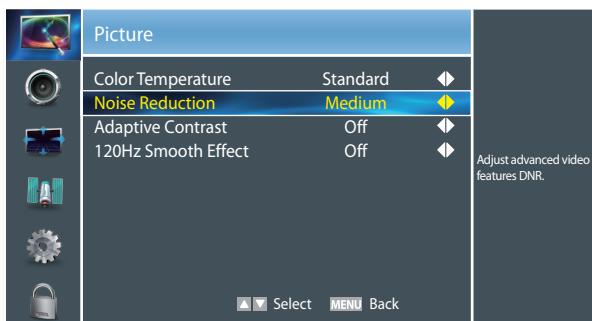
Contrast - Increase or decrease the contrast of the picture. Increase the contrast to adjust the white areas of the picture or decrease the contrast to adjust the black areas of the picture.

Color - Adjust the level of color in the picture.

Tint - Adjust flesh tones so they appear natural.

Sharpness - You can increase the sharpness level for clearer images or decrease the sharpness level for smoother images.

Advanced Video - Access advanced video settings such as Color Temperature, Noise Reduction, Adaptive Contrast and 120Hz Smooth Effect.



Color Temperature: Change the color temperature. You can select a preset color temperature: Cool, Standard and Warm.

Noise Reduction: Optimize the picture quality by filtering signal interference. You can select Off, Low, Medium or High.

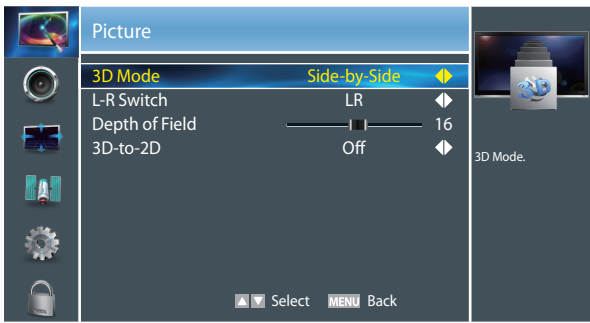
Adaptive Contrast: Automatically adjusts the contrast level of the selected input source.

120Hz Smooth Effect: Inserts frames to reduce judder in fast action scenes. You can select Off, Low, Middle or High.

NOTE

- 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 Zoom, are not available when watching 3D movies and TV shows.
- Other brands 3D glasses may not be supported.
- Sit upright 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.
- Two pair of 3D glasses are included with your TV. To obtain additional pairs of Hisense 3D glasses, please contact customer service at 1-800-935-8880 for details and purchase.

Basic Features



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

NOTE

- 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).

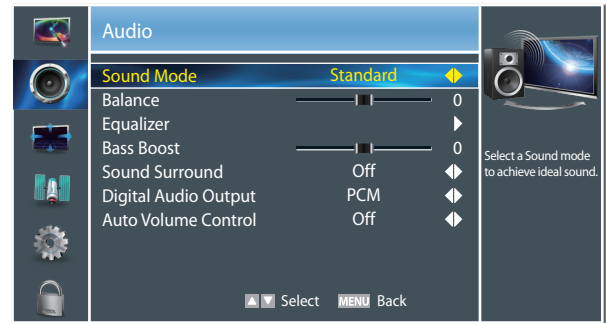
3D Mode: Format may be set to: Off, 2D-to-3D, Side-by-Side or Top-and-Bottom.

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.

Using the Audio Menu

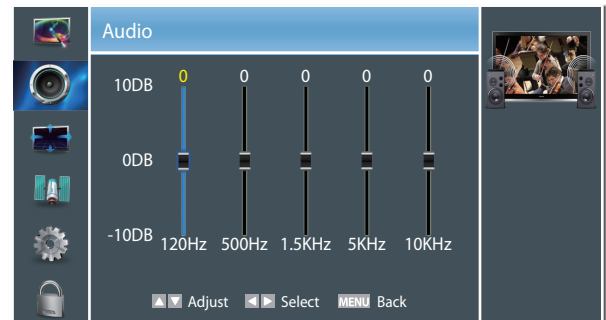


You can adjust:

Sound Mode - Select the Sound Mode: Standard, Speech, User or Music.

Balance - Adjust the volume of the left and right speakers.

Equalizer - Soften or enhance the sound at specific frequency points.



Bass Boost - Adjust the bass performance.

Sound Surround - Simulates surround sound and enhances bass response.

Digital Audio Output - Send digital audio to an external audio system. You can select PCM, RAW or Off.

PCM: PCM outputs two channel audio regardless of the input format.

RAW: Passes through (output = input) the incoming audio signal without decoding. E.g. incoming Dolby Digital, DTS or PCM data stream is simply output as it is without any processing.

Auto Volume Control - Automatically adjusts volume to a consistent level; attenuates loud passages.

Basic Features

Using the Screen Menu

NOTE

Only available in VGA mode.



You can adjust:

H.Position - Move the image right or left.

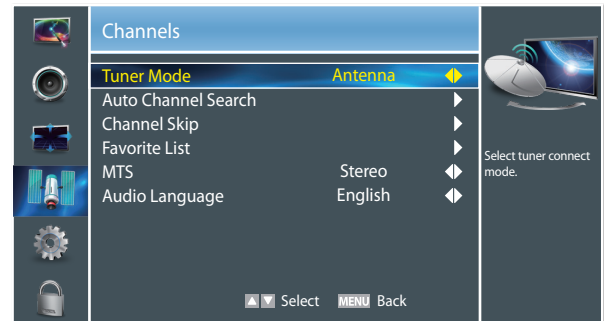
V.Position - Move the image up or down.

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.

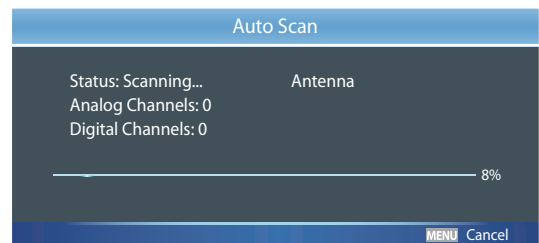
Using the Channels Menu



You can adjust:

Tuner Mode - Select TV source: Antenna or Cable.

Auto Channels Search - Scans for channels that have signals and stores the channels information in the channel list.



Channel Skip - You can cancel a channel stored in the channel list.

NOTE

When you press [CH \wedge / V] button, your TV skips the channel you cancelled. You can still tune to the channel using the number buttons on the remote control.

Favorite List - Add or delete channels to create a favorite list. You can press [FAV] button to display your Favorite List.

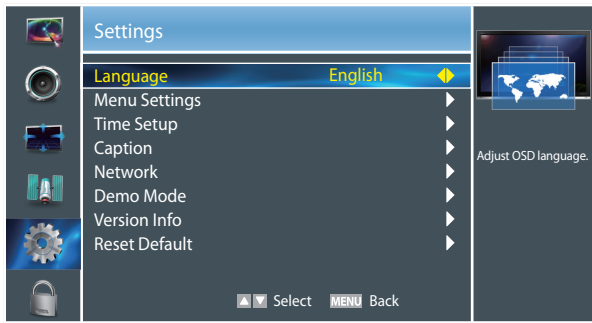
MTS - Select the default audio stream: Mono, Stereo or SAP.

Audio Language - Select the audio language: English, Español or Français.

NOTE

Only available in TV mode.

Using the Settings Menu



You can adjust:

Language - You can select the menu's language to English, Español or Français.

Menu Settings - You can set On-screen menu system.

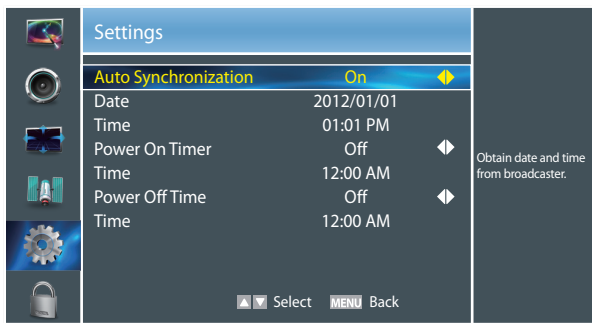
Timeout: Select the display time of the menu: 10-20-...-60 seconds.

Time Setup - Set the time zone, daylight saving, time and sleep timer.

Time Zone: Select your local time zone: Eastern Time, Indiana, Central Time, Mountain Time, Arizona, Pacific Time, Alaska or Hawaii.

Daylight Saving: Set the Daylight Saving time for your area.

Time: You can set time manually or select automatic if the TV is connected to an antenna or cable source.



- **Auto Synchronization:** Select "On" for automatic date and time setting using information from broadcast stations in your area.
- **Date/Time:** Set the current year/month/day/time.
- **Power On Timer:** When "On", you can set the time when the TV turns on automatically.
- **Time:** Set the desired time for the TV to turn on automatically.
- **Power Off Timer:** When "On", you can set the time when the TV turns off automatically.
- **Time:** Set the desired time for the TV to turn off automatically.

Sleep Timer: Specify the amount of time before your TV automatically turns off: Off -10-...-120 minutes.

Caption - Adjust Closed Captioning settings.

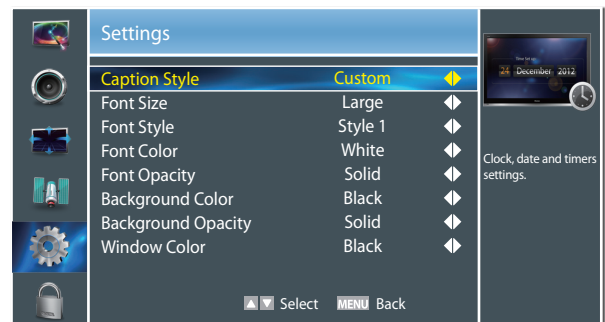
Caption Control: Select the Closed Caption mode: CC Off, CC On or CC On When Mute.

Analog Closed Caption: Select an Analog Caption setting:

- **CC1~CC4:** Closed captioning appears in a small banner across the bottom of the screen. CC1 is usually the "printed" version of the audio. CC2~CC4 display content are provided by the broadcaster.
- **Text1~Text4:** Closed captioning that covers half or all of the screen. Text1~Text4 display content are provided by the broadcaster.
- **Off:** To turn off the Analog Caption.

Digital Closed Caption: Select a Digital Caption setting: Service1~Service6 or Off.

Digital Caption Style: Customize the look of digital Closed Captioning.



- **Caption Style:** Set the look of Digital CC. "As Broadcaster" uses broadcaster's style.
- **Font Size/Style/Color/Opacity:** Select the size/style/color/opacity level of font.
- **Background Color/Opacity:** Select the color/opacity level of the background.
- **Window Color:** Select the color of the window.

Network - You can setup the network configuration in this menu. For more information, see "Network Connection" and "Network Setup".

Demo Mode - Displays a banner at the bottom of the screen which describes the key features of the TV.

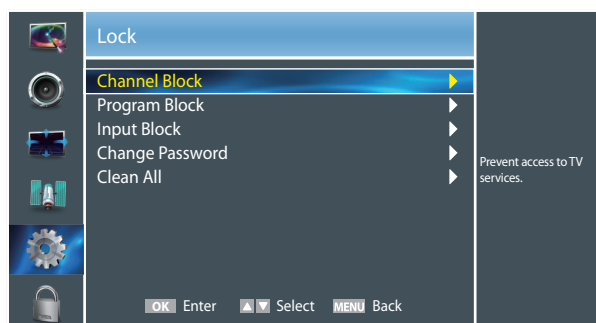
Version Info - Display the software version information. You may need to reference this information when contacting Customer Care or upgrading the firmware online.

Reset Default - Restores the TV configuration to factory settings. You will need to complete the setup for such things as Tuner/Channel settings, Network connection, Date/Time and other user preferences.

Basic Features

Using the Lock Menu

When you first use this function, the default password is [0000]. Once you input this password, you can set options.



You can adjust:

Channel Block - Block selected Channels on the TV.

Program Block - Block selected Programs on the TV.

Rating Enable: Block or unblock TV ratings.

U.S. TV Ratings: Restrict TV programs by USA Ratings.

U.S. Movie Ratings: Restrict movie by USA Ratings.

Canadian English/French Ratings: Restrict movie and TV programs by Canadian Ratings.

Open V-Chip: Display an advanced V-Chip ratings table for digital channels (USA only).

Block Unrated: Block unrated TV programs.

Input Block - Block selected Input source on the TV.

Change Password - If you want to change the default password, first enter the new password then enter the same password again.

Clean All - You can reset all locks to factory mode.

Following is the description of these ratings.

U.S. Movie 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

U.S. TV 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
A	All of the ratings below that rating set blocked automatically
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence
FV	Fantasy Violence

Canadian English Ratings

Rating	Description
C	Children
C8+	Children 8 years and older
G	General Programming, suitable for all audiences
PG	Parents Guidance
14+	Viewers 14 years and older
18+	Adult Programming

Canadian French Ratings

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

Advanced Features

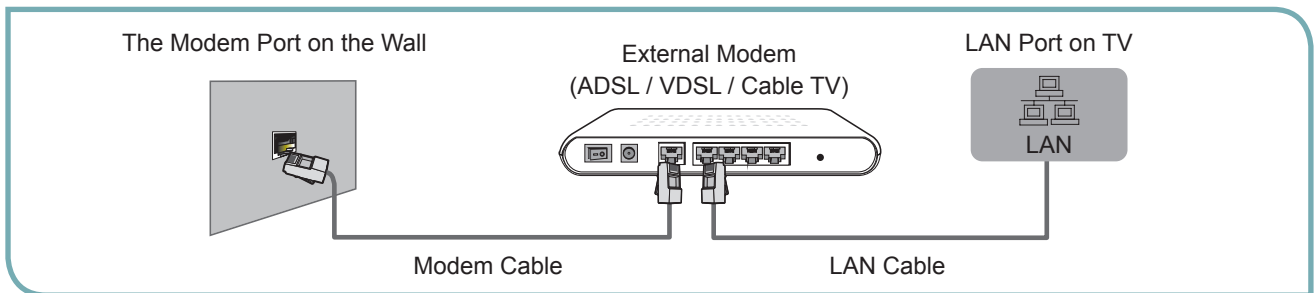
Network Connection

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

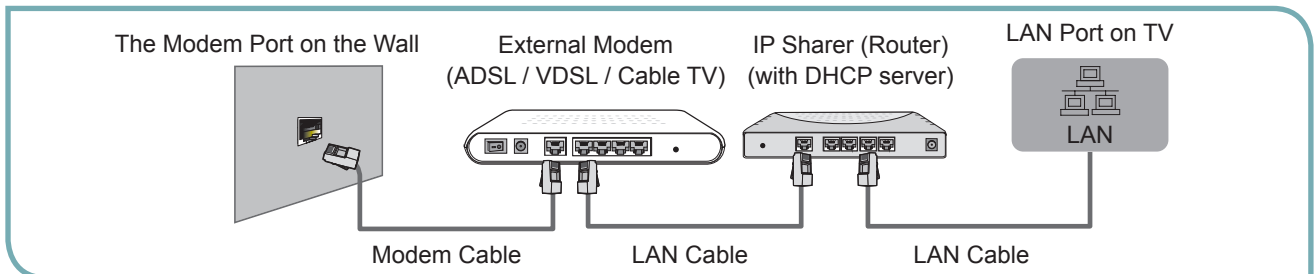
Connecting to a Wired Network

You can attach your TV to your LAN by one of the three following ways:

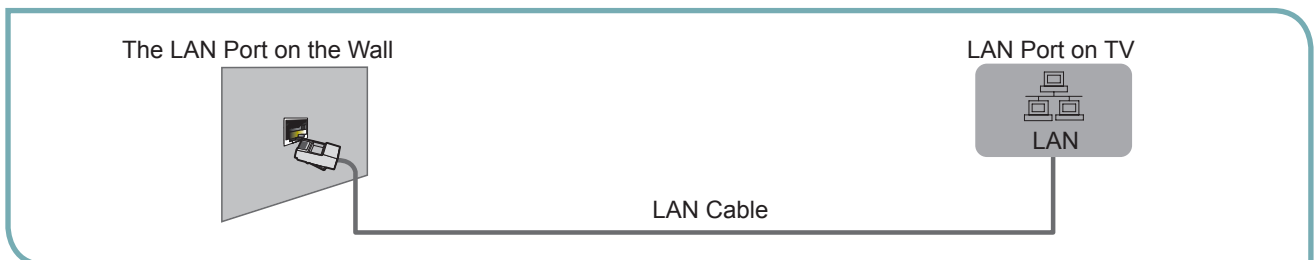
- You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an external modem using a Cat 5 LAN cable. See the diagram below.



- You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an IP Sharer 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 Cable 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.

NOTE

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.