

Antes de utilizar el televisor, por favor lea este manual detenidamente y consérvelo para futuras referencias.

MANUAL DEL USUARIO



Hisense

USER MANUAL

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

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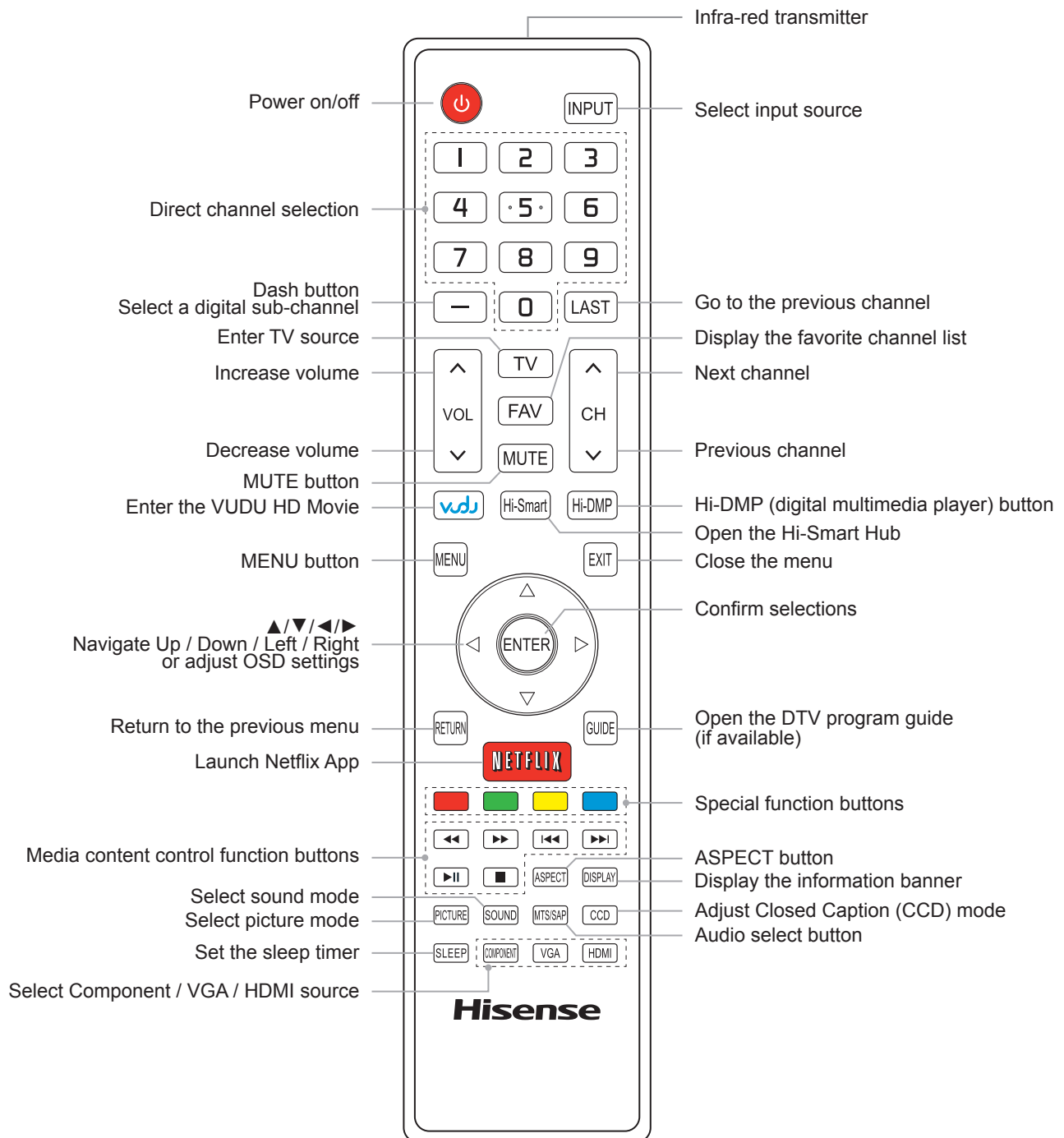
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Getting Started

Viewing the Remote Control



NOTES

- FOR ILLUSTRATION ONLY.
- [RED/GREEN/YELLOW/BLUE] buttons are used for Electronic Program Guide (EPG). After pressing the [GUIDE] button when viewing digital channels, the same color buttons will appear with explanations in the on-screen display (OSD). Follow the steps shown in the OSD.

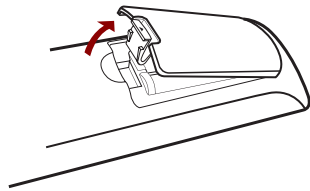
Getting Started

Installing Batteries in the Remote Control

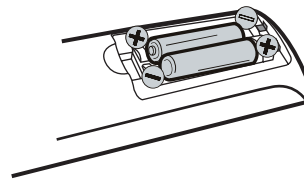
Change the batteries

1. Press the release button on the back of the remote control to remove the battery compartment cover.
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. Replace the battery compartment cover.

❶ Remove the battery compartment cover



❷ Insert the batteries



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.

Program Your Universal Cable or Satellite Remote Control to Operate Your New Hisense Television!

If you would like to program your other household remote controls to your new Hisense television, please consult the User's Manual supplied by your Cable or Satellite provider. The Cable or Satellite providers' User's Manuals should include instructions on how to program their remote to your television.

Below is a list of Hisense codes for the most common Cable and Satellite providers. Use the Hisense code that is associated with your Cable or Satellite provider(if applicable).

DIRECTV.....	0178 or 10019
Time Warner Cable.....	386 or 0178
Comcast	0178 or 10178
Cox Communications	0178
Dish Network	627 or 505
AT&T U-verse	1346

If the Hisense code associated with your Cable or Satellite provider is not listed above, if the code above does not work, or if you cannot locate the instructions for programming your household remote to your television, call your local Cable or Satellite provider's customer service center.

If your Cable or Satellite provider does not have an Hisense code available, please visit <http://www.hisense-usa.com> for additional codes.

The effective range of remote control

1. The remote control distance: 315 inches in front of the TV set.
2. The remote control angle: taking the television infrared light receiver window as an apex, 236 inches away, its controlled angle (left to right) is within 30 degrees, while the vertical angle (up to down) is within 30 degrees.

Getting Started

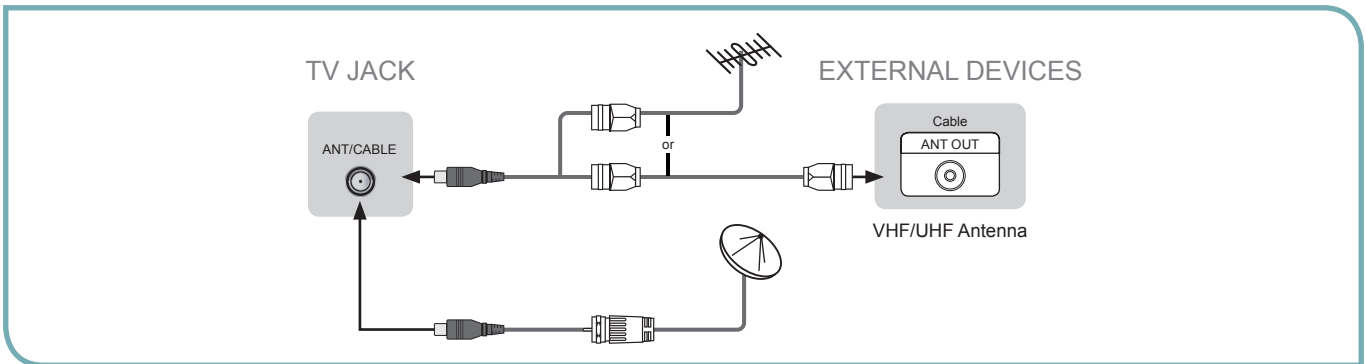
Making connections

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 manual of your A/V device for compatibility and connections procedure.
- Always unplug the power cord when connecting external equipment.

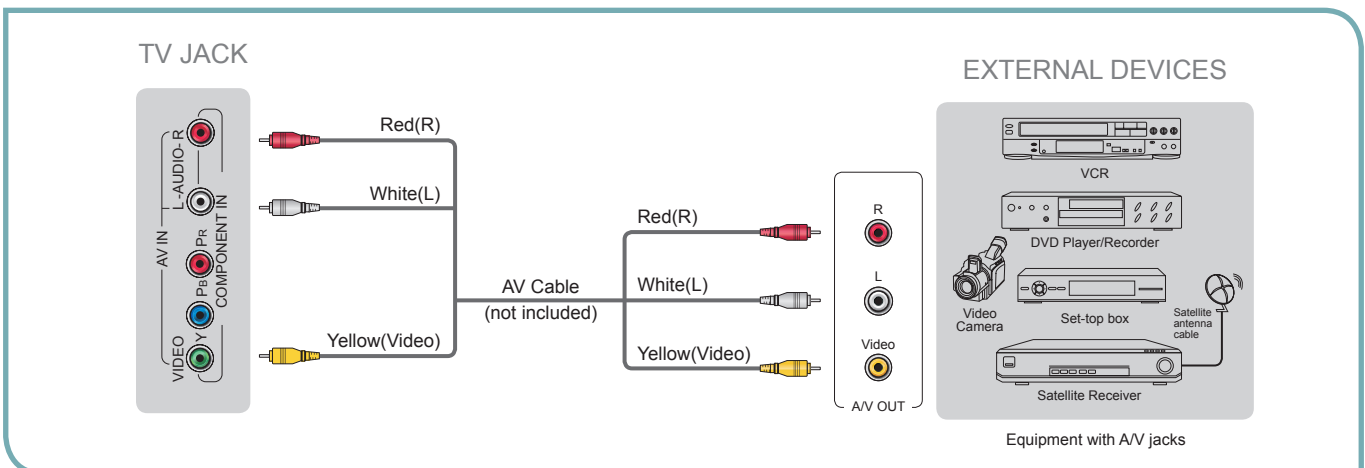
Connecting an antenna, cable or cable/satellite box

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 jack on the side of your TV.



Connecting an A/V Device with Composite Cable

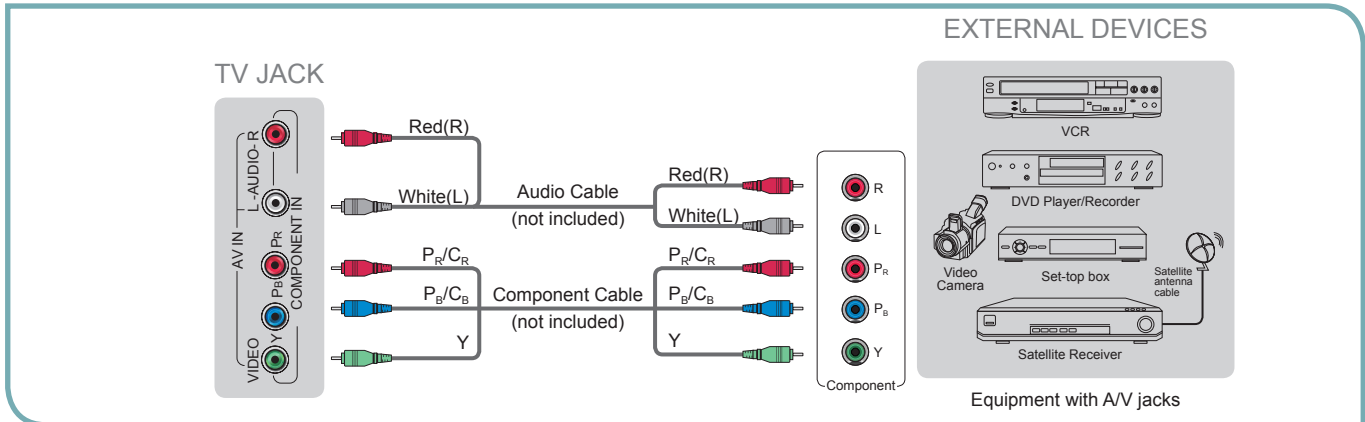
1. Use the audio and video cables to connect the external A/V device's composite video/audio jacks to the TV's jacks. (Video = yellow, Audio Left = white, and Audio Right = red)
2. Plug the connected devices into the mains socket before switching on the TV.
3. Select the corresponding source from the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



Getting Started

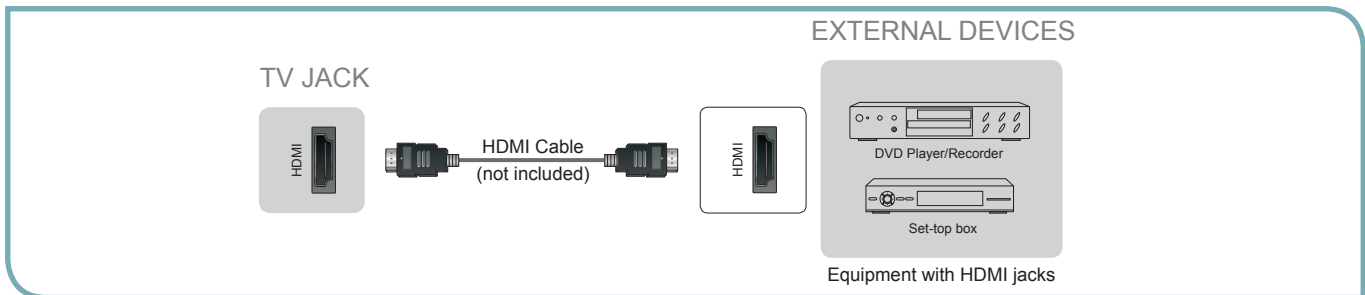
Connecting an A/V Device with Component (YP_BP_R) Cable

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 A/V 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.

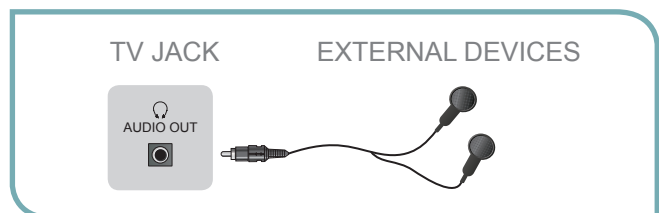


NOTE

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

Connecting a headphone

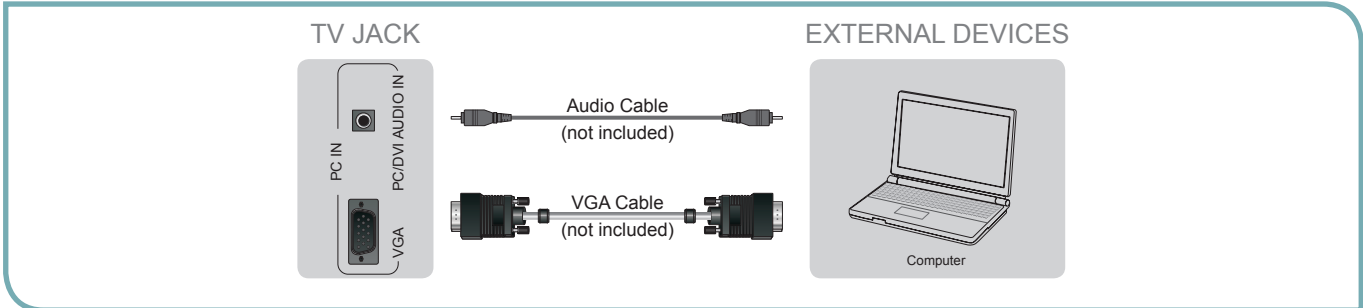
Headphones can be connected to the /AUDIO OUT output on your set. (While the headphone is connected, the sound from the built-in speakers will be disabled.)



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.

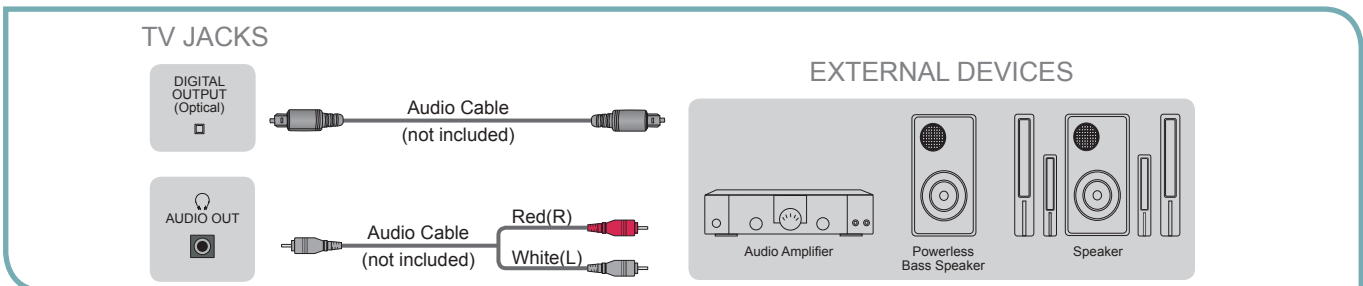


✓ NOTES

- 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 warranted.
- The VGA cable will not supplied with the product.
- We strongly recommend to use VGA cable with 2 cores as shown in the figure.

✚ Connecting an Audio Receiver with Audio cable

1. Use an audio Optical to connect the A/V device's digital audio in jack to the TV's DIGITAL OUTPUT (Optical) jack. Or use an RCA Y-cable (1/8"-stereo mini to L/R phono - not provided) to connect analog sound system to the TV's Ω /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 OUTPUT (Optical) 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.

Getting Started

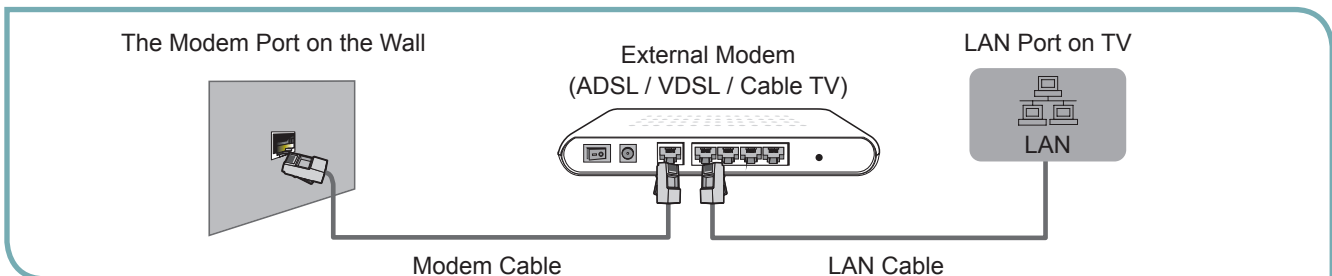
Network Connection

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.

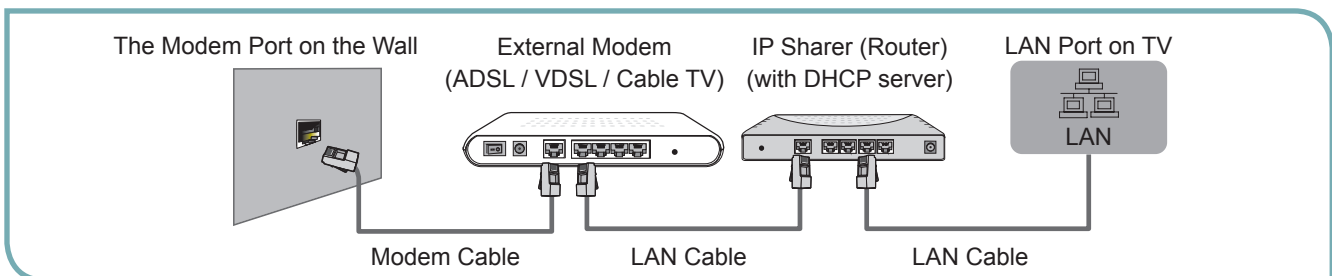
✚ Connecting to a Wired Network

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

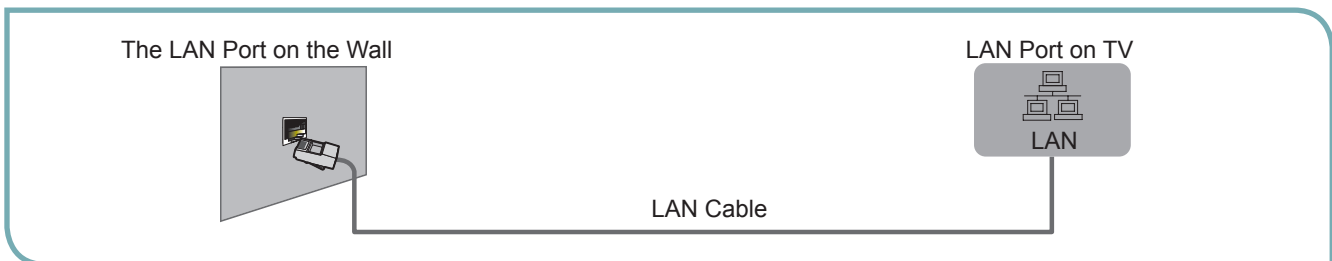
- You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an external modem using a Cat 5 LAN cable. See the diagram below.



- 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.

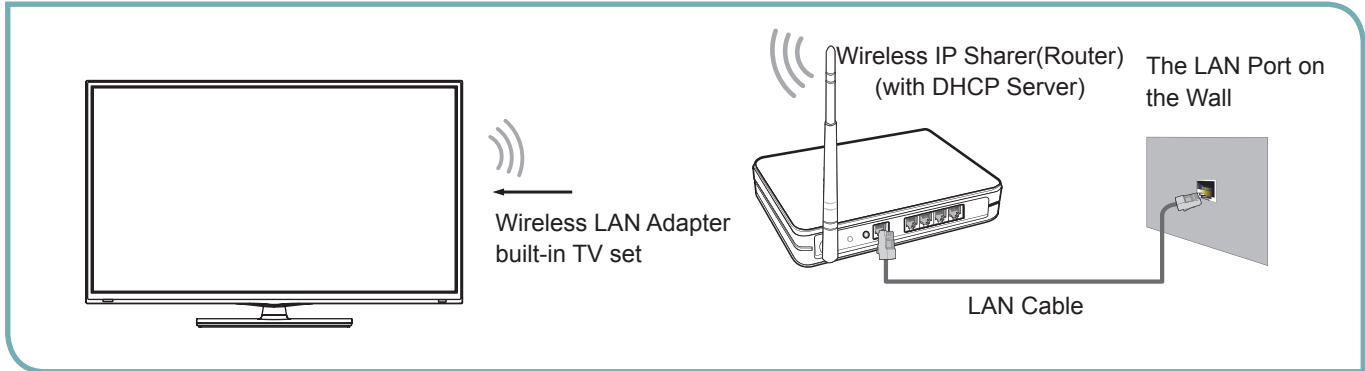
☑ NOTE

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.

Getting Started

Connecting to a Wireless Network

To connect your TV to your network wirelessly, you need a wireless router or modem. See the illustration below.



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

NOTES

- You must use the Hisense's built-in Wireless LAN Adapter to use a wireless network, the set doesn't support external USB network adapter.
- To use a wireless network, your TV must be connected to a wireless IP sharer. If the wireless IP sharer 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 sharer that is not currently being used. If the channel set for the wireless IP sharer 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 Pure High-throughput (Greenfield) 802.11N mode is selected and the Encryption type is set to WEP, TKIP or TKIP-AES (WPS2 Mixed) for your Access Point (AP), Hisense TVs will not support a connection in compliance with new Wi-Fi certification specifications.
- If your AP 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.
- Connection Methods: You can setup the wireless network connection three ways.
 - Scan
 - Manual
 - Auto

Basic Features

Turning your TV on or off

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

1. Plug the power cord into an AC power outlet.
2. Press [POWER] button. 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

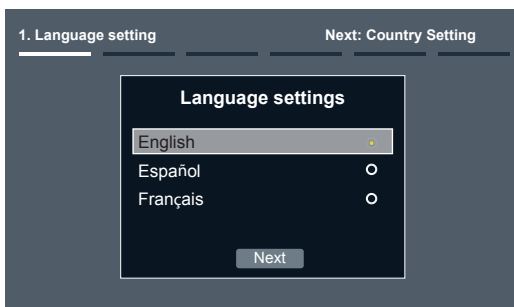
If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

Turning the TV On for the First Time

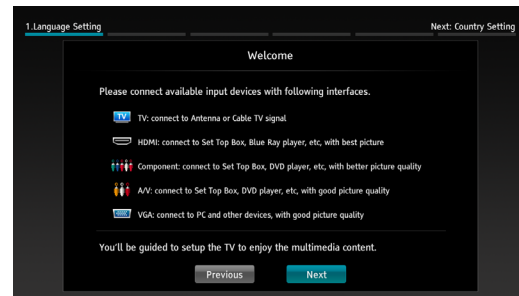
The Setup Wizard menu appears the first time you turn on the TV. It will assist you to specify the menu language, country setting, Use Mode, Network Setting and Channel Installation.

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

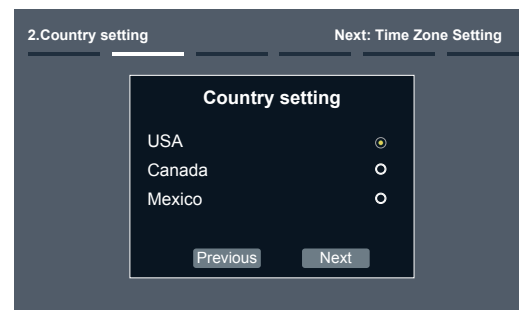
1. Make sure that you have:
 - Installed the remote control batteries.
 - Connected the power cord.
 - Connected an antenna, cable or LAN cable.
2. Connect your TV's power cord to a power outlet, then press power. The Initial Setup screen opens.
3. Please press [ENTER] to start the wizard, then press [▲/▼] button to select your language: English, Spanish or French, select [Next] to confirm enter the Welcome screen.



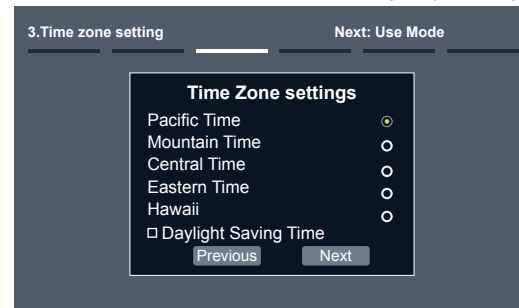
In the Welcome screen introduced the available input devices and interfaces.



4. Select the country where you will operate the TV.

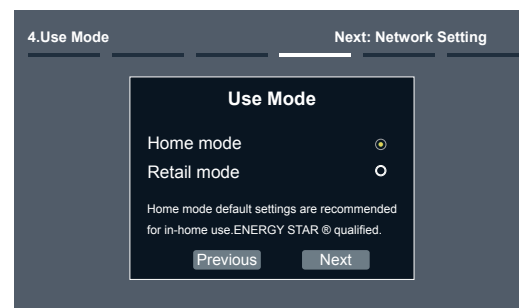


5. Select the local time zone according to your region.



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

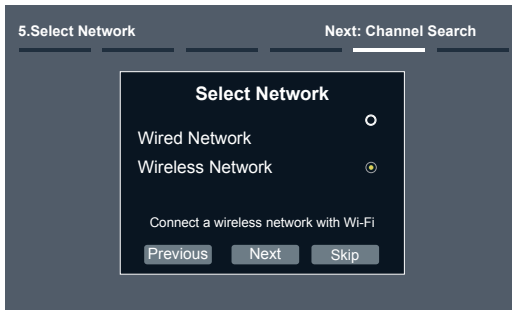
6. **Select your Mode Setting:** Home Mode or Retail Mode. Home Mode is the recommended setting which offers full functionality of the television.



If you select Retail Mode, a message appears “Are you sure to change to retail mode?” Select “OK” to continue, or select “No” to change your selection.

Home Mode is the recommended setting which offers full functionality of the television. If you selected Retail Mode, Energy Saving is not realized.

7. **The Select Network :** Connect your TV to access the network.



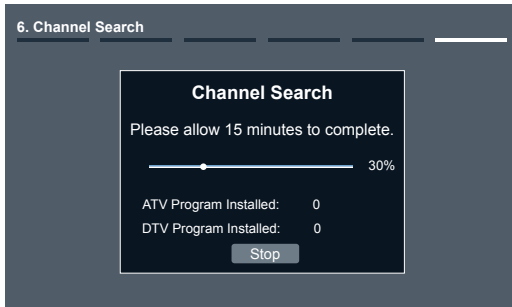
When the Network Setting menu opens, Hisense Service Terms and Conditions will appear. Press [▲] to enter text content and press [◀/▶] to scroll through the pages. Please read it carefully.

If you want to access the internet, press the [Agree] button to set your TV's network connections. Otherwise, press the [Disagree] button to enter the Channel search menu.

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

8. The Channel Search.

Press [▲/▼] to select your Tuner Mode: Antenna or Cable, press [ENTER] button to confirm.



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 30 minutes or more to complete memorizing channels. Please allow the process to complete without interruption.

After scan, you will enter the complete interface. It will display all informations that you set just now and then you can press "Go" to exit the wizard.

Changing Channels / Volume

1. Press the [CH ▲/▼] (or [CH +/-]) on the TV/remote control to change the channel.
2. Press the [VOL ▲/▼] (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.

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.

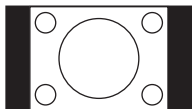
To select the video input source:

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.

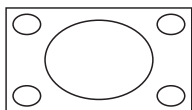
Shortcuts Instructions

Aspect - Select the screen aspect ratio from Normal, Wide, Zoom, Cinema, 1:1 Pixel Map, and Auto.

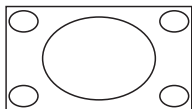
Normal: The original 4:3 aspect ratio (1.33:1 signal) is preserved, so black bars are added to the left and right of the image. Standard TV broadcasts are displayed with a 4:3 aspect ratio.



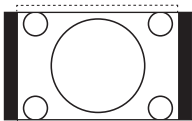
Wide: When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen. When watching a widescreen (1.78:1 signal) program or movie, the display image fills the TV screen.



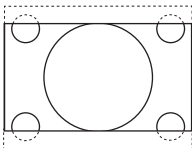
Auto: Automatically adjusts the image based on the screen size and the TV program.



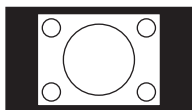
Zoom: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.



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



1:1 Pixel Map: Displays the native signal format pixel-by-pixel without any video processing or scaling. In this mode, 1920 x 1080 resolution sources fill the screen while all other resolutions are centered and surrounded by black bars.



Picture - Press to set the picture mode. It can be set as Vivid, Standard, Energy Savings, Game, Theater or Custom. This mode achieves a certain image display effect by setting the brightness, contrast and color etc.

Sound - Press to set the sound mode. It can be set as Standard, speech, Music and Custom.

Mute - Press to turn the sound off, press this button again to turn the sound back on. This function is used to switch off sound temporarily.

Sleep - It can set the TV to let it enter into the Standby state automatically. Press this button repeatedly to select the proper sleeping clock mode, and the clock tells you the remaining time before the TV enters Standby state.

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.

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

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

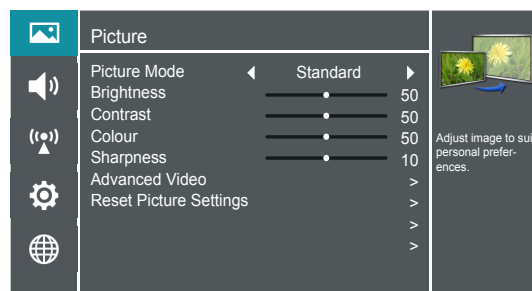
Basic Features

To Use the Menu

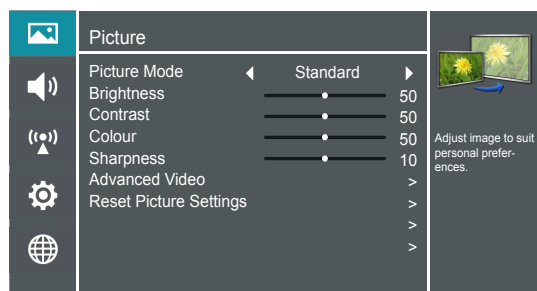
- 1 Press the [MENU] to open the main menu.
- 2 Press [▲/▼] to select a menu option, then press [▶/ENTER] button to enter the menu.
- 3 In each menu, you can:
 - Press [▲/▼] to select an item,
 - Press [◀/▶] to adjust the value, or
 - Press [▶/ENTER] to enter the submenu,
 - Press [MENU] to back the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

NOTE

The menus in the user manual may vary slightly from the actual screen.



Using the Picture Menu



You can adjust:

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

NOTE

The option of the Picture Mode is different in different inputs. (For more information, see “Shortcuts Instructions”)

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 the hue of the picture.

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, Dynamic Backlight Control (DCR) and Adaptive Contrast.

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, Auto, Medium or High.

Dynamic Backlight Control (DCR) : Enhances the contrast ratio between light and dark areas of the picture. You can select Off, Low or High.

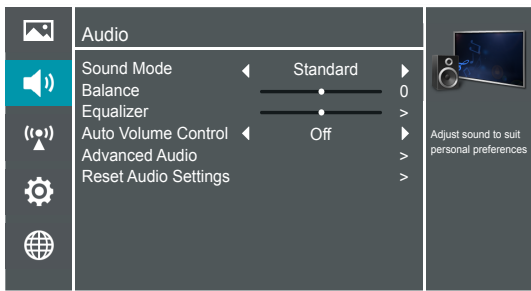
Adaptive Contrast : Automatically adjusts the contrast level of the selected input source.

Overscan: In DTV mode, Select ON to extend the image beyond the display so the picture edges are not visible.

Reset Picture Settings - Picture to the factory defaults.

Basic Features

Using the Audio Menu

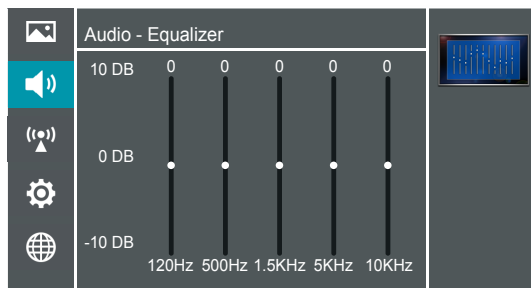


You can adjust:

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

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

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



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

Advanced Audio - Access Advanced Audio settings such as Digital Audio Output, MTS/SAP, Audio Language, Speaker select.

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:** When the data stream carries Dolby signal, digital SPDIF outputs Dolby data stream. When the data stream carries no Dolby signal, it transports PCM data stream.

MTS/SAP: Select the default audio stream, you can select Mono, Stereo or SAP (Second Audio Program).

- **MONO:** Select this option if there is noise or static on weak stereo broadcasts.
- **STEREO:** Select this option for programs broadcast in stereo.
- **SAP:** Depending on the particular program being broadcast, you can listen to a foreign-language translation.

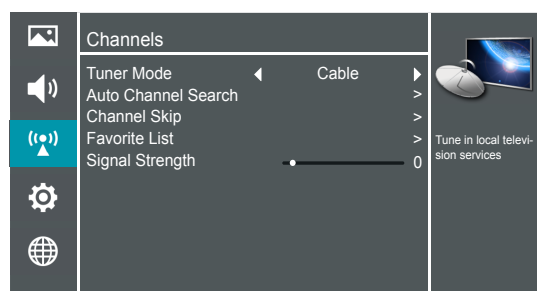
Audio Language - Change the default value for audio language. (Digital channels only)

Speaker select -Selects where to play TV audio. You can select On (default setting) to play audio through TV speakers, or select Off to play audio through the speakers on an external audio system.

Reset Audio Settings - Resets all Audio Settings to the factory defaults.

Basic Features

Using the TV Menu



You can adjust:

Tuner Mode - Select the TV signal source. You can select Antenna or Cable.

Auto Channel Search - Scans for channels that have signals and stores the channels information in memory.

Digital Channels: The scanned TV program in digital signals.

Analog Channels: The scanned TV program in analog signals.

Channel Skip - You can cancel a channel stored in memory.

NOTE

When you press [CH V/V] (or [CH +/-]) 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 - Display your Favorite List. You can add or delete channels to create your favorite list.

NOTE

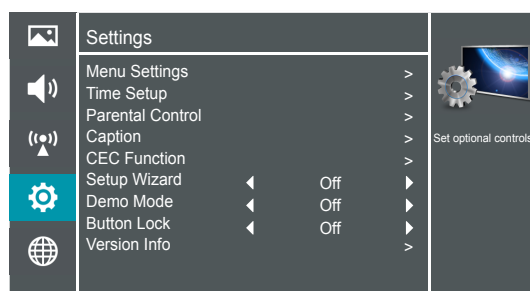
When you press [CH ^/V] (or [CH +/-]) button, your TV skips the channel you cancelled. You can still tune to the channel using the number buttons on the remote control.

Signal Strength - This menu is used to check the signal strength of your antenna system. Usually strengths of above 75% indicates an acceptable signal for your TV to display correct image. Each channel may vary in signal / quality strengths and its common for broadcast strengths to change in your area. The signal strength of the channel on the screen is displayed.

NOTE

If lower than 75% we advise to have your antenna system checked by qualified personnel.

Using the Setup Menu



You can adjust:

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

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

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

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

Country: Select your local Country.

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

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

Time: Set the current year/month/day/time.

Sleep Timer: Select the amount of time before the TV to turns off automatically.

Parental control - Prevent unauthorized users, such as children, from watching unsuitable programme.

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

You can change password in the Lock submenu.

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.

Basic Features

Reset parental control settings - You can reset all locks to factory mode.

Reset to Factory 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.

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

NOTE

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

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/Opacity: Select the color of the window.

CEC Function : This feature allows you to add devices to your TV and control them with your TV remote control.

CEC function: Press [◀/▶] to set On/Off.

Auto turn off: Your added devices can be off automatically by turning off the TV.

Basic Features

TV Auto On: Your TV can be on automatically by turning on your added devices.

Audio Receive: Turning ARC function on or off.

NOTES

- HDMI cables must be used to connect HDMI CEC-compatible devices to your TV.
- The connected device's HDMI CEC feature must be turned on.
- If you connect an HDMI device that is not HDMI CEC-compatible, all the HDMI-CEC Control features do not work.
- Depending on the connected HDMI device, the HDMI-CEC Control feature may not work.

CEC function: Turning HDMI-CEC function on or off.

Auto turn off: When HDMI-CEC is turned on, Device Auto Power Off turns off HDMI CEC devices when you turn off your TV.

TV Auto On: When HDMI-CEC is turned on and you turn on an HDMI CEC device, TV Auto Power On turns on your TV automatically.

Audio Receive: When HDMI-CEC is turned on and you have connected an audio receiver to your TV, turning on Audio Receiver lets you use your TV's remote control to control the volume on the audio receiver.

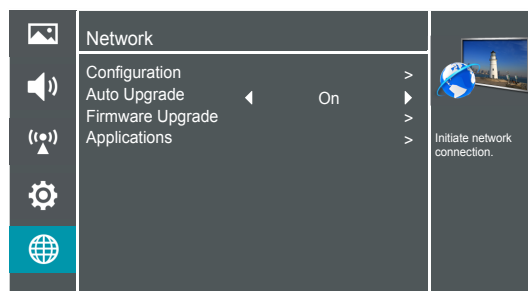
Demo Mode - Displays a banner at the top of the screen which describes the key features of the TV.

Button Lock - Block or unblock the button of remote control.

Version Info - View the software version information.

Reset Settings - Every TV has its original setting before leaving the factory. This function can help you restore these settings.

Using the Network Menu



You can adjust:

Configuration - Select On or Off. When Off mode is selected, the following options would be unavailable.

Internet Connection : Setting the Internet Connection.

Interface : 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.

Wireless Setting : You can set up your TV wireless connection.

Information : Display network configuration information.

IP Setting : Allows you to set IP address, subnet mask, gateway, primary, and secondary DNS.

Connection Test : Press the [OK] button to test network status.

Auto Upgrade - Update the software using the Internet.

Configure your network. For detailed procedures on using the Network Setup, refer to the "Connecting to the Internet or a network" instructions. If you want the Network Update to work automatically, please select Auto Updates (On). If you want to do the Network Update manually, please select Auto Updates (Off).

If the Internet connection doesn't operate properly, check the Network Configuration settings and try again. If the problem persists, use the USB method above to update.

Firmware Upgrade - Insert a USB drive containing the software update file, downloaded from.

Please be careful not to disconnect the power or remove the USB drive until updates are complete. The TV will be turned off and on automatically after completing the software update. When software is updated, video and audio settings you made will return to their default settings and your personal settings will be deleted. We advise you to write down your settings so that you can easily reset them after the update.

Applications - Network application.

DLNA: Digital Media Player (HiMedia) feature of Digital Living Network Alliance. Press the [◀/▶] buttons to set DLNA to On.

Basic Features

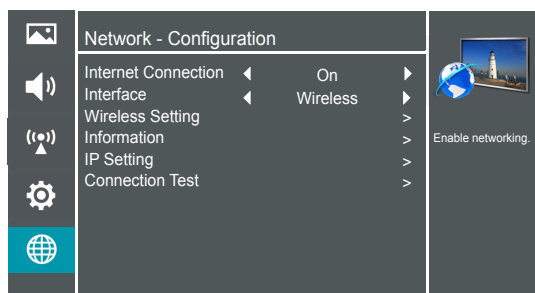
Netflix: A

VUDU: A

My Shared Devices: Allow or deny the mobile device.

NOTE

- Software Update can also be performed via downloading the latest software to a USB memory device.
- Please be careful not to disconnect the power or remove the USB drive until updates are complete. The TV will be turned on automatically after completing the software update. When software is updated, video and audio settings you made will return to their default settings and your personal settings will be deleted. We advise you to write down your settings so that you can easily reset them after the update.



Connecting to a Wired Network

Network Setup (Auto)

Use the Automatic Network Setup while your connecting the TV to a network that supports DHCP. To set up your TV's cable network 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, operate according to the description in the Settings menu until the Network screen appears.
3. On the Network screen, select Configuration and press [ENTER] button to enter the submenu.
4. Set Internet Connection to On and Interface to Ethernet.
5. Select IP Setting and press [ENTER] button to enter it.
6. Set Address Type to Auto.
7. Auto acquires and enters the necessary connection values automatically.
8. If the connection values are not automatically entered, please check your modem and router manuals for directions to enable automatic IP addressing by DHCP. Or, follow the steps listed to the follow to manually configure the network connection.

Network Setup (Manual)

Use the Automatic 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 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 [▲/▼] button to select IP Address and press [◀/▶] button to move the cursor to the entry field. Then press 0~9 buttons to enter the numbers.
4. Press [MENU] button to exit IP Address and press [▲/▼] button to select the next options to enter the numbers.
5. When done, press [MENU] button to return to the previous menu.
6. Select Connection Test to check the internet connectivity.

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. Select Wireless Setting and press [ENTER] button to enter it. You can select: Scan / Manual / Auto.
5. If you select Scan, a screen will appear listing all of the wireless networks within range of the TV. Use the [▲/▼] button to select the wireless network with your router SSID and press [ENTER] to confirm. Proceed to Step 7.
6. If you select Manual, a screen will appear prompting you to enter the SSID of your wireless network. Press [ENTER] and an on-screen keyboard will pop up. Enter the SSID and select OK. Press [ENTER] to and a screen will appear prompting you select the security mode for your wireless network. Use the [▲/▼] button to select the proper security mode and press [ENTER] to confirm. If you selected None for the security mode, proceed to step 9.

Advanced Features

7. A screen will appear prompting you to enter the password for the selected security mode. Press [ENTER] and an on-screen keyboard will pop up. Enter the password and select OK. Press [ENTER] to confirm. Proceed to Step 9.
8. If you select Auto, a screen will appear prompting you to select PIN (personal identification number) or PBC (push button configuration) setup. Choose the method supported by your wireless access point.

If you choose PIN, an identification number will appear on the screen for you to enter into the access point. After entering the PIN, press the [▶] button. If the PIN is in use by another device, select [REFRESH] to obtain a new PIN and enter it into the access point. After entering the PIN, press the [▶] button.

If you choose PBC, a screen will appear prompting to press [▶] button. After pressing the [▶] button you have two minutes to locate and press the Push Button on your access point to connect to the TV.
9. Press the [MENU] button to return to the previous menu.
10. Select Connection Test to check the Internet connectivity.

DLNA Setting

You can use DLNA Certified computers, TVs, and other devices to play or transfer the videos, pictures, and music stored on your phone. For more about DLNA (Digital Living Network Alliance), visit www.dlna.org. Make sure your phone and TV are both connected to the same Wi-Fi network.

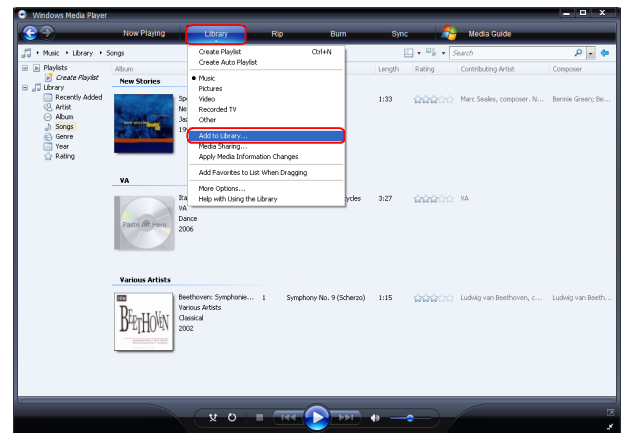
● Set DLNA to On:

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

Media Share Settings in Computer

If your computer does not support DLNA, you may install software that supports DLNA such as TVersity or Windows Media Player (Version V11 or higher). We recommend Windows Media Player as the installation and setup is easier.

1. On the PC taskbar, click Start.
2. Point to All Programs, and then click Windows Media Player.
3. Click “Library” tab and then “Add to Library...” as shown in the following screen shot.

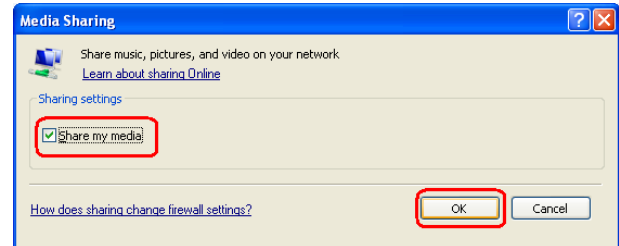
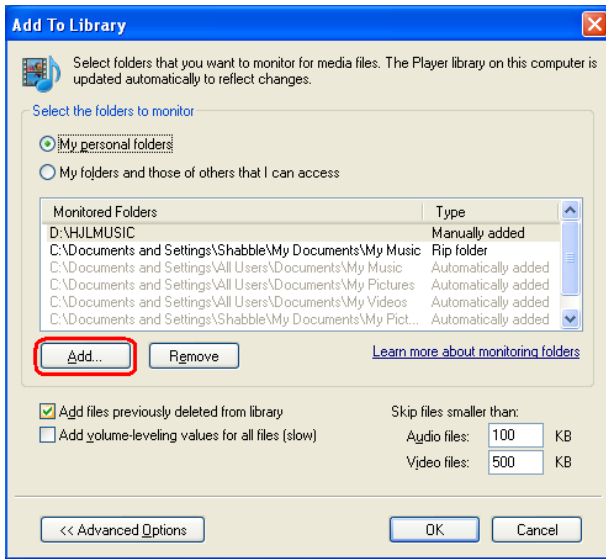


4. In the Add To Library dialog box, click “Add” as shown in the following screen shot.

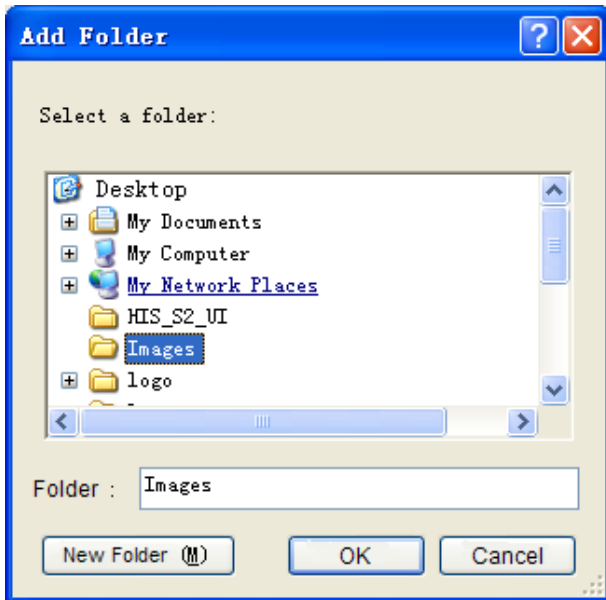
Advanced Features

Setting to Share Files

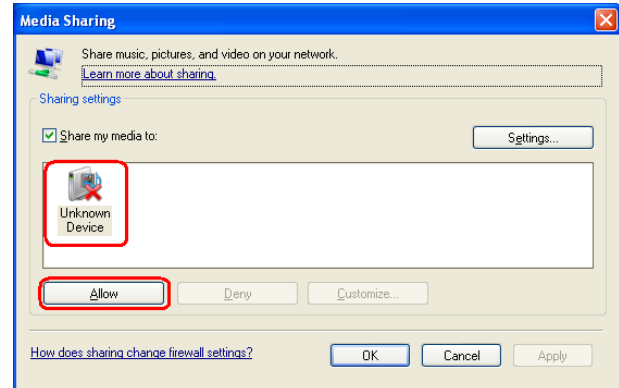
1. Click “Library” and move the cursor to select “Media Sharing...” as shown in the following screen shot.
2. In the Media Sharing dialog box, select the Share my media check box and click “OK”.



5. Select a folder and click “OK”.



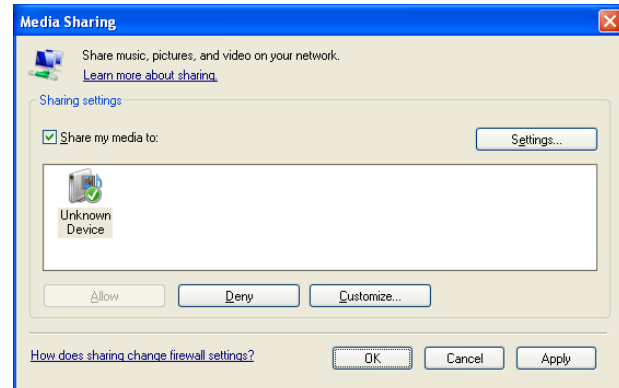
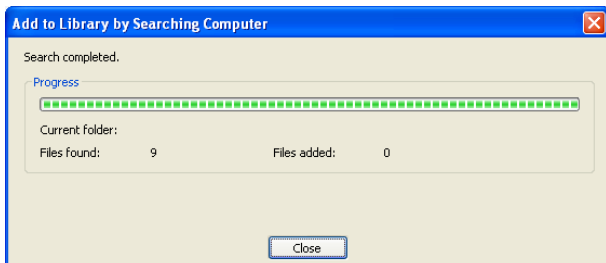
3. After turning on the media sharing, you need to select the devices that should have access to your Player library. In the list of devices below the Share my media to check box. An equipment icon will appear on the white area if the DLNA Settings has been correctly set. Select a device and then click “Allow” as shown in the following screen shot.



4. Then the TV can access to the shared files in the computer.

For information about how to customize what media you share with the device, see "Change settings for sharing media" in Windows Media Player Help.

6. Click “Close” to close the dialog.



Advanced Features

Network Function

NOTICE FOR USE

If you use VUDU services, see the following note before using it.

1. Use of Internet services 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 not provided by Hisense, 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 VUDU video-on-demand and other Internet services may require the creation of a separate account through a computer with internet access.
3. Certain VUDU services may not be available for this TV model.
4. VUDU video-on-demand and other Internet services may require payment of one-time and/or recurring charges.
5. You are solely responsible for any charges incurred as a result of using Internet-based 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 third-party services are provided in accordance with whatever terms and conditions are established between such third-party providers and you.
6. HISENSE MAKES NO REPRESENTATIONS OR WARRANTIES ABOUT THE CONTENT, AVAILABILITY OR FUNCTIONALITY OF THE VUDU SERVICE OR OTHER INTERNET DELIVERED THIRD-PARTY SERVICES AND 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 THIRD PARTY CONTENT OR SERVICE, IS EXPRESSLY EXCLUDED AND DISCLAIMED. UNDER NO CIRCUMSTANCES WILL HISENSE BE LIABLE IN CONTRACT, TORT OR UNDER ANY OTHER THEORY FOR ANY DAMAGES ARISING OUT OF OR IN CONNECTION WITH YOUR USE OF ANY CONTENT OR SERVICE PROVIDED BY ANY THIRD PARTY, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Operational buttons



Button	Description
	Press to launch VUDU Movies App directly.
	Open the Hi-Smart Hub with links to various Internet Services.
	Open the digital multimedia player.
	Open the menu.
	Close the menu.
	Return to the previous menu.
	Navigate Up / Down / Left / Right or adjust OSD settings.
	Confirm selections.
	Press to launch NETFLIX App directly.
	Display the TrickPlay screen and fast reverses playback.
	Display the TrickPlay screen and fast forwards playback.
	Play the previous one.
	Play the next one.
	Pause playback. Press the button to return to playback.
	Stop playback and display the file title screen.

Advanced Features

Enter the Home Applications



1. Press the [Hi-Smart] button to display Home menu.
2. Press [◀/▶/▲/▼] button to select the interface you want to view and press [ENTER] to enter the following description.

No	Interface description
①	Launcher Bar (Movies/Apps/HiMedia)
②	Functional application
③	Advertising
④	Network (Display or set the network status.)

3. Press [EXIT] button exit the home mode.

Movies

▣ Brief introduction

Display VUDU recommend newest movies information.

▣ Operation introduction

Press the [◀/▶] button select the movie and press enter to confirm.

APPS

▣ Brief introduction

APPS contains all pre-loaded applications of the TV.

☑ NOTE

APPS 包含的所有应用皆为预置功能，You can't to add and delete apps.

▣ Operation introduction

Press the [▲/▼/◀/▶] button select the app and press [ENTER] to confirm.

AccuWeather

▣ Brief introduction

This application provides local and international weather forecasts, world class weather radar plus up-to-date weather reports and current conditions.

▣ Operation instructions



1. Press the [◀/▶] buttons to move the cursor to select service items in AccuWeather screen and the [ENTER] button to confirm.
2. To use other features, press the button showed in the help bar.
3. Press the [Return] button to return to the upper menu, or the [Exit] button to close the App.

YouTube

▣ Brief introduction

The YouTube app allows you to watch original videos, music videos, feature length movies, previews and trailers on your TV screen. Search or browse recommendations with the TV remote.

▣ Operation instructions

- **To activate your YouTube account for your TV:**
Select "Sign in" and "Settings" from the toolbar on the left side of the application, then go to www.youtube.com/activate and enter the code you see on the TV screen. While you enter the code the screen should remain open, otherwise the code will no longer be valid. Once completed your account will be activated and you will be signed in.
- **To control YouTube from your tablet or smartphone:**
Please first check if your mobile device supports YouTube TV and use the same network connection. To pair your device to the YouTube screen, you will be prompted to go to www.youtube.com/pair on your mobile device. The screen guide to "Pair with TV" will appear. Enter the pairing code or enter the value of the scanned QR code on the SmartTV. While you enter the code the screen should remain open, otherwise the code will no longer be valid. Select a name for your device then click "Add TV". Once complete, the YouTube app will show that your phone has been paired. You can now select a video to watch on YouTube TV using your mobile device.

Advanced Features

VUDU Movies

Brief introduction

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

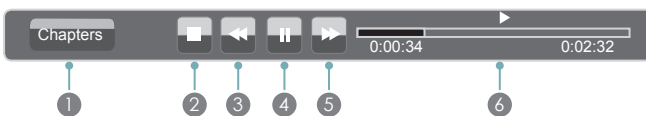
For enjoying more movies, please register and log in to your account.

Operation instructions

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

1. Press the [Hi-Smart] button to display home menu.
2. Press [◀/▶] button to select the VUDU HD Movies icon and press [ENTER] to enter it, or press [VUDU] button to enter directly.
3. Select the Sign Up Now 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” on page 27.)
- 5 Press [▲/▼/◀/▶] button to move the cursor to select service items in the VUDU HD Movies home page, and press [ENTER] button to confirm.
6. In the process of watching a movie, press [ENTER] button to display/exit the tool bar, press [◀/▶] button to select the function icon, and press [ENTER] button to confirm.
- 7 Press [RETURN] button to return the upper menu, or press [EXIT] button to close the menu.

Tool Bar



- 1 Press [ENTER] button to enter and press [◀/▶] button to select the chapter.
- 2 Stop playback.
- 3 Fast backward. Press [ENTER] to select the backward speed. You can press [◀◀] button to achieve the function.
- 4 Play/Pause. You can press [▶||] button to play/pause directly when there is no control bar on the screen.
- 5 Fast forward. Press [ENTER] button to select the forward speed. You can press [▶▶] button to achieve the function.
- 6 Progress bar. The progress bar when playing.

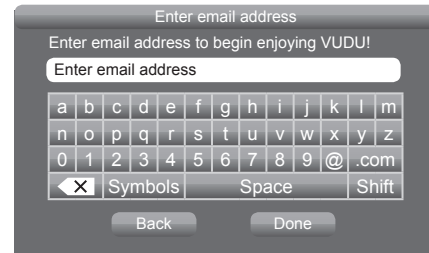
How to Input the Email Address

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 [X] and press [ENTER] button to confirm.

4. Move the cursor to Done key and press [ENTER] button to confirm if you have completed the address input. Then the new address will appear on the address bar.

VUDU HD Movies home page

Title	Function
Top Picks	Mostly picked up movies
New TV	The latest movies
Top Rentals	Mostly rented movies
New Trailers	Latest trailers
Coming Soon	The movies can be picked soon
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

Title	Function
Rent/Own	To rent or buy current movie
Watch Trailer	To watch trailer of the current movie
2 Minute Preview	To preview 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 current movie
Cast & Crew	The cast and crew of current movies and find their related movies
Reviews	The reviews of current movie
Similar	The similar types of movies
More Info	The detail information of current movie

Advanced Features

VUDU Apps

Brief introduction

The applications platform for connected TVs.

- 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.
- VUDU Apps supports the development of responsive apps designed specifically for use on home HD televisions.
- 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.

Operation instructions

You can access the VUDU Apps by the following methods:

1. Press the [Hi-Smart] button to display home 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.

VUDU Apps home page

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

Netflix

Netflix unlimited membership required.

Brief introduction

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

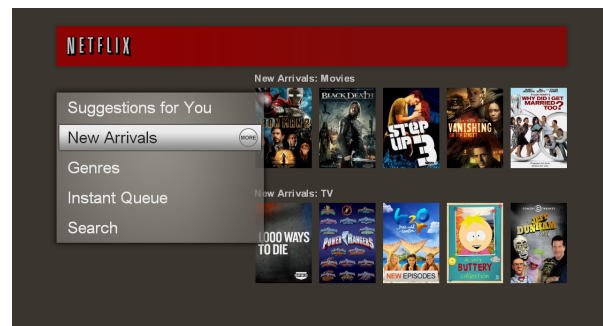
NOTES

- TV screen may be difference with picture.
- 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.
- Your broadband fluency and picture quality depend on the network speed and original bit rate.
- 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. Part or all of Netflix may not be available when connecting to the Internet via a proxy server.

Operation instructions

1. Press the [Hi-Smart] button to display home menu.
2. Press [◀/▶] 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" on page 27)
4. Press [▲/▼/◀/▶] 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.

Netflix Movies home page



Title	Function
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