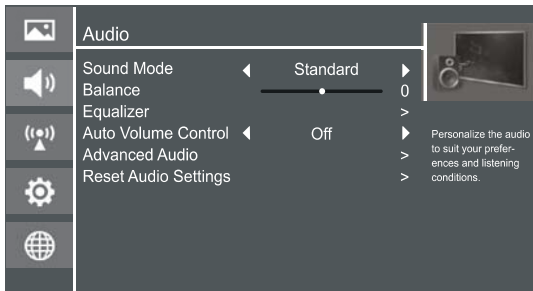


Using the Audio Menu

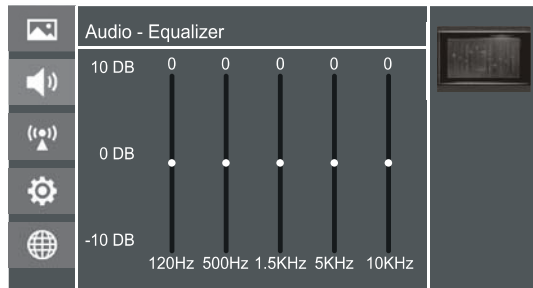


You can adjust:

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, TV Speaker.

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).

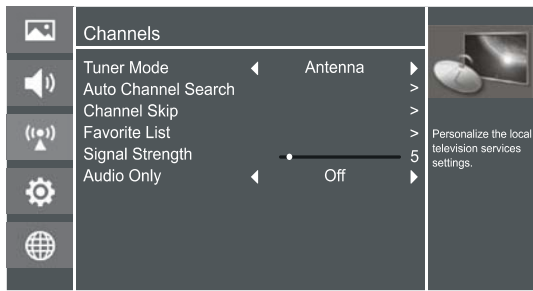
- **MONO:** Select this option if there is noise or static on weak stereo broadcasts.
- **STEREO:** Select this option for programs broadcast in stereo.
- **SAP:** Depending on the particular program being broadcast, you can listen to a foreign-language translation.

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

TV Speaker - 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.

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/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.

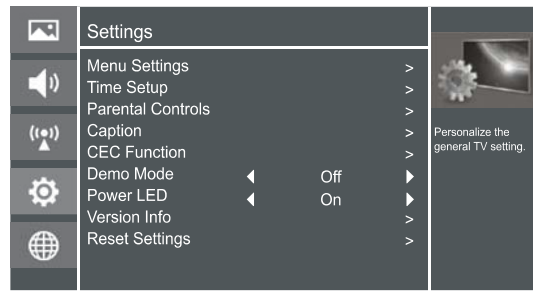
Audio Only - Listen to the program audio only, when you turn off the picture on your TV. (May not be accessible, depend on your TV series and size.)

NOTE

Audio Only works only when the input source is TV, and your TV is receiving a broadcast signal.

To exit audio only mode, press any button. When you exit audio only mode, the Audio Only option is automatically reset to Off.

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 Country, Time Zone, Daylight Savings, Date/Time, Sleep Timer.

Country: Select your local Country.

Time Zone: Select your local time zone.

Eastern, Central, Mountain, Pacific, Alaska or Hawaii (for USA).

Eastern, Newfoundland, Atlantic, Pacific, Mountain or Central (for Canada).

Pacific, Mountain or Central (for Mexico).

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

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

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

Parental Controls - Prevent unauthorized users, such as children, from watching unsuitable programs.

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 movies by USA Ratings.

- **Canadian English/French Ratings:** Restrict movies 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.

Basic Features

Input Block - Block selected Input source on the TV.

Button Lock(On/Off) - Block or unblock use of the remote control.

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

Reset Parental Control - 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 by press the CCD button.

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.

Basic Features

- **Background Color/Opacity:** Select the color/opacity level of the background.
- **Window Color/Opacity:** Select the color of the window.

CEC Function: Turn the HDMI-CEC function ON or OFF.

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

TV Auto Power 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 Receiver: 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.

Device Root Menu: You can open an HDMI-CEC compatible device's root menu, then use your TV's remote control to control the device.

Device Discovery: You can display a list of HDMI-CEC devices that are connected to your TV.

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.

VGA (Only available in VGA mode.) - Access Computer Settings such as H.Position, V.Position, Phase, Clock and Auto 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.

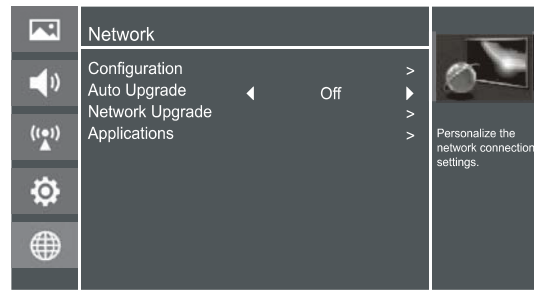
Demo Mode - Displays a banner at the top of the screen which describes the key features of the TV.

Power Indicator - Select this feature to turn off or On the Power LED indicator on the front panel on your TV.

Version Info - View the software version information.

Reset Settings - Restores the TV configuration to factory settings.

Using the Network Menu



You can adjust:

Configuration - Select On or Off. When On mode is selected, the following options are available.

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's 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 [ENTER] 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 below to update.

Network Upgrade - Check the process and it will prompt you to upgrade the software.

NOTES

- Software Update can also be performed via downloading the latest software to a USB memory device.(www.hisense-usa.com or www.hisense-canada.com).
- 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.

Applications - Network application.

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

Netflix: Deactivate Netflix and display the exclusive Netflix ESN.

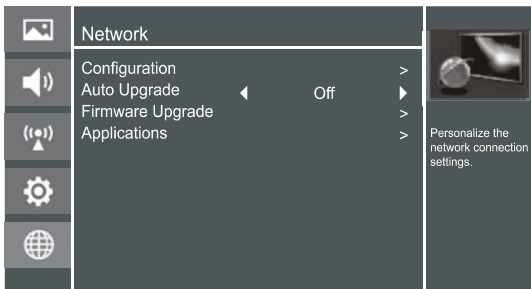
VUDU: Deactivate VUDU. (If available.)

PANDORA: Deactivate Pandora. (If available.)

My Shared Devices: Allow or deny content sharing from other devices on your network.

NOTES

- 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 to connect the TV to a network that supports DHCP. To set up your TV's 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 in the following section, Network Setup (Manual), to manually configure the network connection.

Network Setup (Manual)

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

Getting the Network Connection Values

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

1. Right click the Network icon in 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 manually setup the network connection

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, press Menu and select Settings Network.
2. On the Network screen, select Configuration and press the [ENTER] button to enter the submenu.
3. Set Internet Connection to On and Interface to Wireless.
4. Select Wireless Setting and press the [ENTER] button 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 the [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] 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.
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.

Advanced Features

- 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, tablet or other devices connected to your network. 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 [ENTER] button to enter the submenu.
2. Press the [◀/▶] buttons to set DLNA to On.

Media Share Settings in Computer

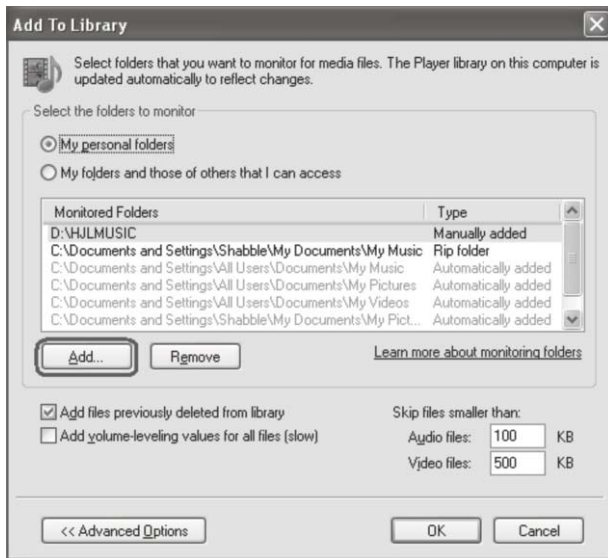
If your computer does not support DLNA, you may install software that supports DLNA such as TVersity or Windows Media Player (Version V11 or higher). We recommend Windows Media Player as the installation and setup is easier.

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.

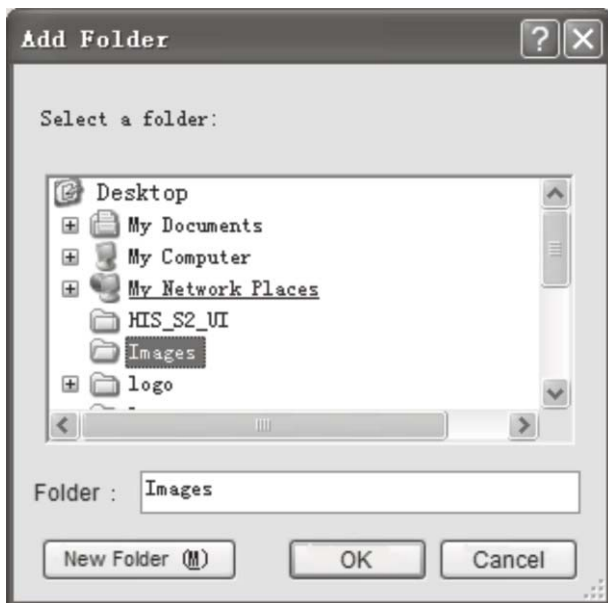


4. In the Add To Library dialog box, click “Add” as shown in the following screen shot.

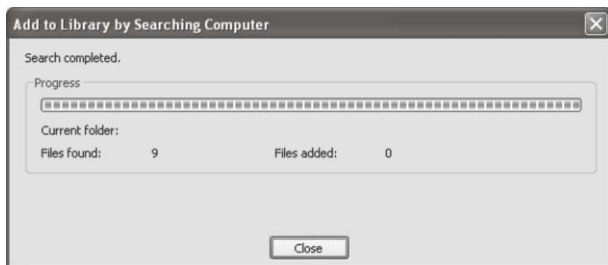
Advanced Features



5. Select a folder and click "OK".

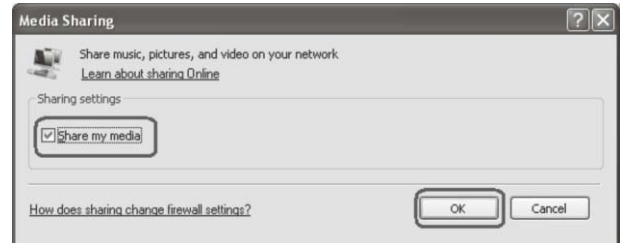


6. Click "Close" to close the dialog.

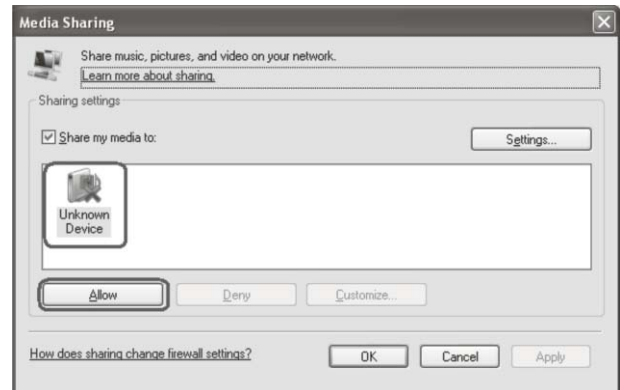


Setting to Share Files

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".

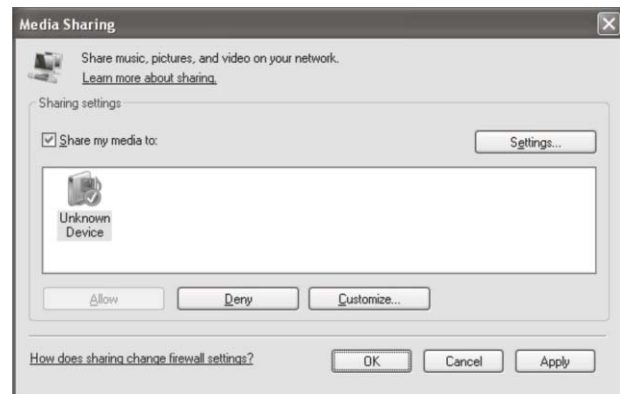


3. After turning on media sharing, you need to select the devices that should have access to your Player library. An equipment icon will appear on the white area if the DLNA Settings have been correctly set. Select a device and then click "Allow" as shown in the following screen shot.



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.



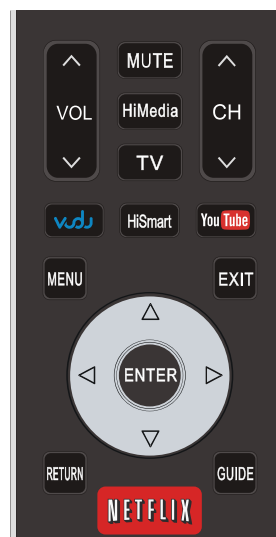
Network Function

NOTICE

To access Internet streaming video services, please note the follow requirements.

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 1080p and 3D video.).
2. 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 video-on-demand and other Internet services may require the creation of a separate account through a computer with internet access.
3. Certain services may not be available for this TV model.
4. 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.

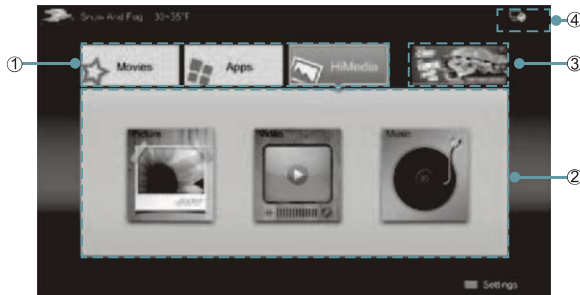
Operational buttons



Button	Description
	Press to launch VUDU Movies App directly. (Not available in Canada.)
	Open the HiSmart Hub with links to various Internet Services.
	Open the digital multimedia player.
	Press to launch YouTube App directly.
	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

Using the Home Menu



1. Press the **[HiSmart]** 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.

✓ NOTE

For U.S. only.

Apps

▣ Brief introduction

Apps contains all pre-loaded applications of the TV.

▣ Operation introduction

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

✓ NOTE

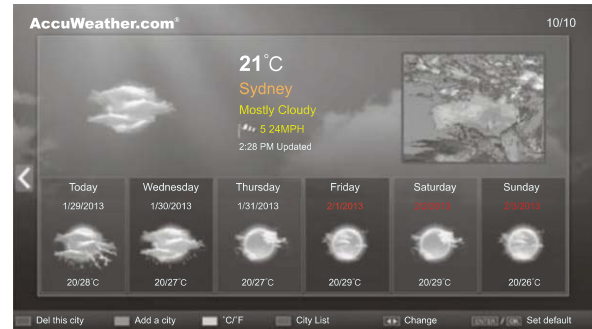
In Canada and Mexico, VUDU Movies/ VUDU Apps/ Pandora may not all available.

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 shown 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 mobile device has been paired. You can now select a video to watch on YouTube TV using your mobile device.

VUDU Movies

Brief introduction

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

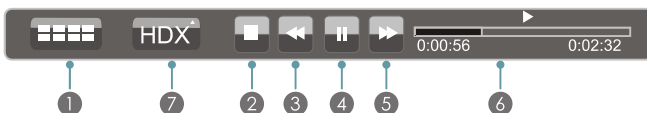
To enjoy movies, please register and log in to your account.

Operation instructions

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

1. Press the **[HiSmart]** 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 23.)
- 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. While 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.
- 7 Press **[ENTER]** button to select the movies quality HDX, HD or SD.

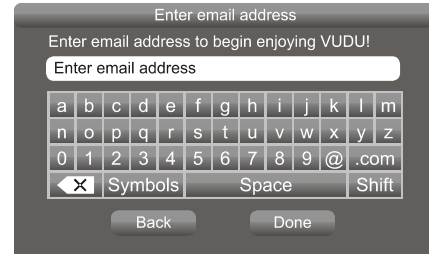
How to Input the Email Address

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 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 **[HiSmart]** 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.