

Basic Features

Turning your TV on or off

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

1. Connect the power cord to the connector on the back of the TV. When connecting the power cord to the connector of the TV, make sure the power cord is fully inserted in its place. Bad contact may cause high temperature of the connector and the risk of fire or other damages.
2. Plug the power cord into an AC power outlet.
3. Press [POWER] button. Your TV turns on.
4. 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.

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.

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.

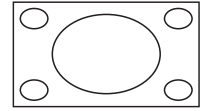
✓ NOTE

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.

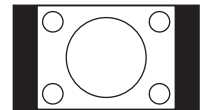
Shortcuts Instructions

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

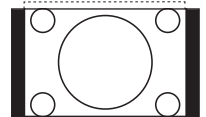
Normal: The original 4:3 aspect ratio (1.33:1 signal) is preserved, so black bars are added to the left and right of the image. Standard TV broadcasts are displayed with a 4:3 aspect ratio.



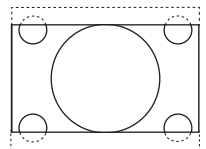
Wide: When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen. When watching a widescreen (1.78:1 signal) program or movie, the display image fills the TV screen.



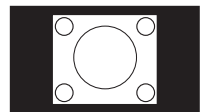
Zoom: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.



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



Dot-to-Dot: Use the function to see the full image without any cutoff, when VGA signal is input.



Picture - Press to set the picture mode. It can be set as Standard, Cinema, User and Vivid. 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, User and Music.

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.

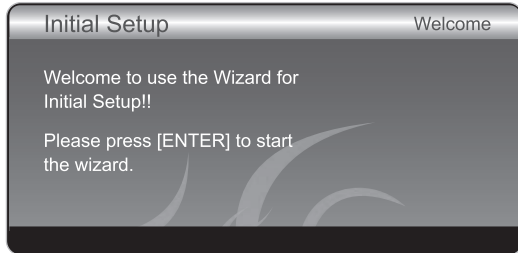
Guide - Display the information banner. The information including channel number, channel name, current system time, tuner mode, audio stream, video format, audio language, closed caption mode, parental locks rated, program details, etc.

Basic Features

Turning your TV for the First Time

The Initial Setup menu appears the first time you turn on the TV. It will assist you to specify the Energy Saving mode.

1. Connect your TV's power cord to a power outlet, then press power. The Initial Setup screen opens.

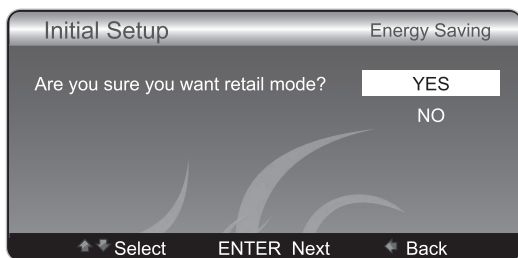
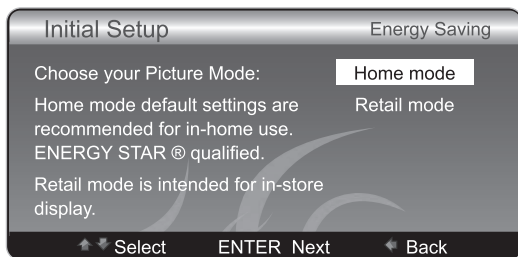


2. Please press [ENTER] to start the wizard, then press [▲/▼] button to select your language, press [ENTER].

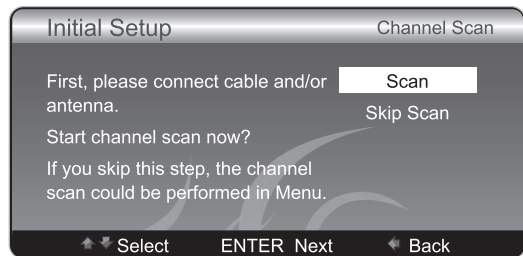
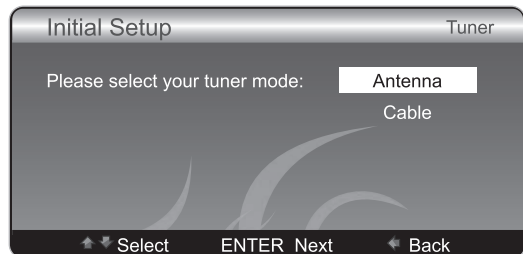


3. Please press [▲/▼] button to select your Picture Mode: Home mode or Retail mode. Your Hisense TV is ENERGY STAR[®] qualified in the "Home" mode. Then press [ENTER] to confirm.

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.



4. Please Press [▲/▼] button to select your tuner mode, Antenna or Cable. Press [ENTER], please connect cable and/or antenna, press [▲/▼] button to select Scan or Skip Scan. If you select scan, it may take several minutes to scan channels. If you skip scan, the channel scan could be performed in the Menu.



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 [◀/EXIT] to exit the menu.
- 4 Press [MENU] button to exit the menu.



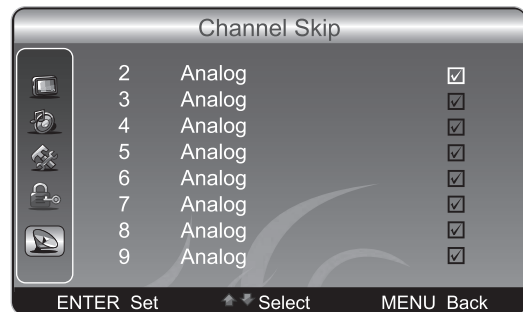
NOTE

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

Using the TV Menu



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



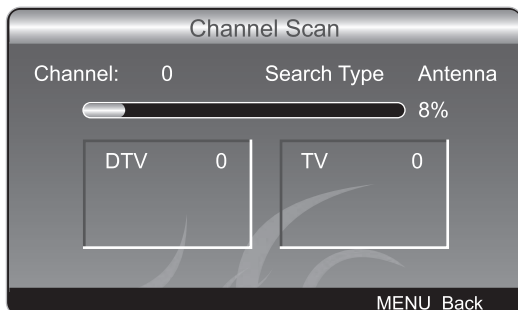
NOTE

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

You can adjust:

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

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



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

SAP: Depending on the particular program being broadcast, you can listen to a foreign-language translation.

Audio Language - Select the audio language for a program.

NOTE

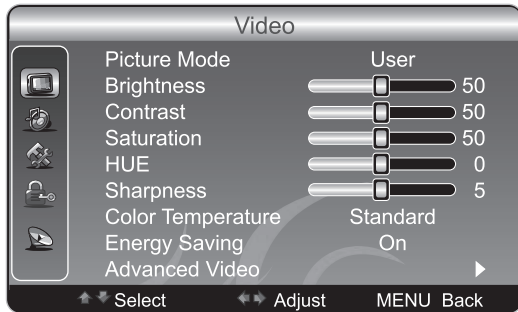
Only available in digital TV signal.

DTV: The scanned TV program in digital signals.

TV: The scanned TV program in analog signals.

Basic Features

Using the Video Menu



You can adjust:

Picture Mode - Adjust the Picture Mode. You can select Standard, Cinema, User 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.

Saturation - Adjust the intensity of the colors.

HUE - Adjust the overall color of the picture.

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

Color Temperature - Change the color temperature. You can select the color temperature from three options: Cool, Standard or Warm.

Advanced Video - Access advanced video settings such as DNR, Adaptive Luma Control and Flesh Tone.

DNR: Select to reduce the noise level of connected equipment: Off, Low, Standard or Strong.

Adaptive Luma Control: According to the content of picture, it can adjust brightness automatically.

Flesh Tone: When this feature is "on" state, the TV could be the basis of image content, for color correction.



Using the Audio Menu

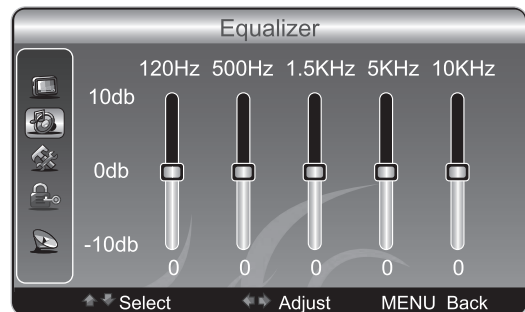


You can adjust:

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

Sound Surround - Simulates surround sound and enhances bass response.

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



SPDIF Type - Send digital audio to an external audio system. You can select PCM, Dolby Digital or Off.

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

Dolby: 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.

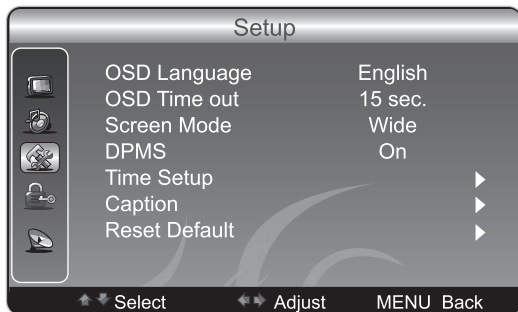
Auto Volume Control - Automatically adjusts volume to a consistent level; attenuates loud passages.

NOTE

Via SPDIF Type, you can choose the digital audio out type. If Auto Volume Control is "On", that means audio out control is activated.

Basic Features

Using the Setup Menu



You can adjust:

OSD Language - You can select the menu's language to English, Spanish or French.

OSD Time out - You can select the display time of the menu.

Screen Mode - Use the arrow button to choose the screen aspect ration from Wide, Normal, Zoom, Cinema and Dot-to-Dot.

NOTE

The option of the screen aspect ration is different in different inputs. (For more information, see "Shortcuts Instructions")

DPMS - This is a good function for a computer monitor. When DPMS is "On", the computer will control the screen on or off. E.g. if the computer is in sleep mode, the screen will be switched off. If the computer is activated, the screen also is activated.

Time Setup - You can set the Time Zone, Time and Sleep Timer.

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

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

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

Sleep Timer: Specify the amount of time before your TV automatically turns off.

Caption - Adjust Closed Captioning settings.

Analog Closed Caption: Select an Analog Caption setting from CC1~CC4, TEXT1~TEXT4.

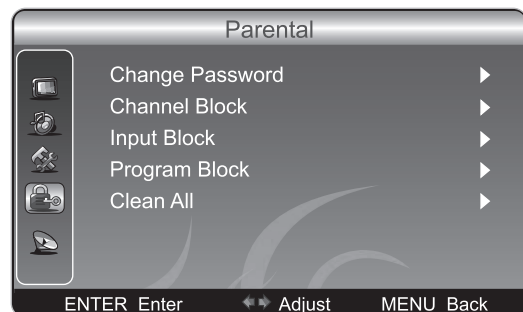
Digital Closed Caption: Select a Digital Caption setting: Service1~Service6.

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

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

Using the Parental Menu

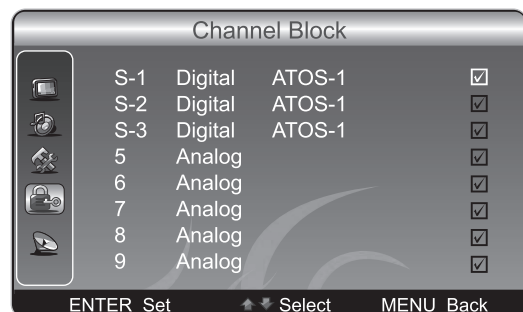
When you first use this function, the default password is [0000]. Once you input this password, you can set options.



You can adjust:

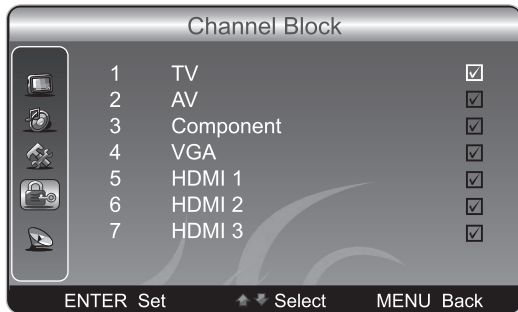
Change Password - If you want to change the default password, first enter the new password then enter the same password again.

Channel Block - Lock Channels on the TV.



Basic Features

Input Block - Lock Input source on the TV.



Program Block - Lock Program 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.

Block Unrated TV: Block unrated TV programs.

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

NOTE

If you choose this function, all the programs you preset will be lost.

Following is the description of these ratings.

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

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

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.

Other Information

Trouble Shooting

When there is something wrong with your TV, you can try turning off the TV and then restart it. You can also Operate according to the following chart. If the problem still cannot be solved, please contact the professional technicians.

<i>SYMPTOMS</i>	<i>POSSIBLE SOLUTIONS</i>
No sound or picture.	<ul style="list-style-type: none"> ● Check if the power cord is in the AC outlet and if it has electricity. ● Check if you have pressed [POWER] button on the TV or [POWER] button on the remote control. ● Check to see if LED light is either red or blue. If illuminated, power to TV is OK.
I have connected an external source to my TV and I get no picture and/or sound.	<ul style="list-style-type: none"> ● Check for the correct output connection on the external source and for the correct input connection on the TV. ● Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my television, there is a few second delay before the picture appears. Is this normal?	Yes, this is normal. That is the TV searching for previous setting information and initializing the TV.
Picture is normal, but no sound.	<ul style="list-style-type: none"> ● Check the volume settings. ● Check if Mute mode is set "on".
Sound but no picture or black and white picture.	<ul style="list-style-type: none"> ● If black and white picture first unplug TV from AC outlet and replug after 60 seconds. ● Check Color Setting if picture is black and white.
Sound and picture distorted or appear wavy.	<ul style="list-style-type: none"> ● An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. ● Insert the power plug of the TV set into another power outlet.
Sound and picture is blurry or cuts out momentarily.	<ul style="list-style-type: none"> ● If using an external antenna, check the direction, position and connection of the antenna. ● Adjust the direction of your antenna or reset or fine tune the channel.
Horizontal/vertical stripe on picture or picture is shaking.	Check if there is interfering source nearby, such as appliance or electric tool.
The plastic cabinet makes a "clicking" type of sound.	"Click" sound can be caused when the room temperature changes. This change causes the television cabinet to inflate or contract, which makes the sound. This is normal and TV is OK.
Black square appears in the center of my television screen?	The Closed Caption function is set in the text mode. To remove it, access Closed Caption from the menu screen and change the Mode setting from text to either CC1 or off .

Other Information

Trouble Shooting

<i>SYMPTOMS</i>	<i>POSSIBLE SOLUTIONS</i>
On some channels getting another language or sometimes no sound at all.	<p>That would indicate that the MTS mode on your unit is set to SAP mode. We suggest setting the MTS mode to either Stereo or Mono . For further instruction, please see Audio Adjust or MTS/SAP in your user manual.</p> <ul style="list-style-type: none"> ● SAP is Second Audio Program. It's a second audio channel that is usually used for a second language or descriptive audio for the visually impaired. ● MTS stands for Multichannel Television Sound, a standard that allows the encoding of 3 channels of audio within a standard NTSC (analog) video signal to a television. A television that is able to receive MTS Stereo allows you to watch television with stereo sound.
Not getting all of my cable channels on the television or I'm only getting 13 channels.	<ul style="list-style-type: none"> ● Check the cable connection for an incoming signal. Make sure the signal is coming OK. Best way to confirm signal is to use another TV and/or contact your cable company. ● Reprogram your channels. Press [MENU] button on your TV remote control, change Input Source setting to "Cable", then use "Auto Channels Search" to reprogram your channels.
[CH \wedge / V] don't work when I set the Channel to Cable? They work with the Air setting?	<p>After switching to Cable, please auto program the channels. The TV will "remember" all the channels then the TV will allow you to surf the channels with [CH \wedge/V] buttons.</p>
Remote control does not work.	<ul style="list-style-type: none"> ● Confirm that TV still has power and is operational. ● Change the batteries in the remote control. ● Check if the batteries are correctly installed. ● Clean the front of the remote control (LED window). ● If using a universal remote, be sure to select the TV mode on the remote. ● If the remote still does not work: <ul style="list-style-type: none"> • Remove and reinstall the batteries correctly to reset the remote or install new batteries. • Press the Power button to turn on the TV. With a universal remote if you have reset or changed the batteries you will need to reprogram the remote for the other units. ● Check if there is obstruction between the remote control and the TV. <p>TIP: If you have a digital camera / camera phone, you can aim the front of the remote at camera lenses (at this time, the camera should set on camera mode, not play mode). Observe the camera screen while pressing a button on the remote control; you should see flashing light on the screen. If there is no light observed, the remote control is not working. You need to repair or replace the remote control.</p>

Other Information

General

 **NOTE**

Features, appearance and specifications are subject to change without notice.

Model Name		F42K20E	F46K20E
Dimension	Without Stand	Width: 39.1 inches (994 mm) Height: 24.2 inches (615 mm) Depth: 1.5 inches (38.5 mm)	Width: 42.6 inches (1083 mm) Height: 26.1 inches (663 mm) Depth: 1.5 inches (38.6 mm)
	With Stand	Width: 39.1 inches (994 mm) Height: 26.9 inches (683 mm) Depth: 9.8 inches (250 mm)	Width: 42.6 inches (1083 mm) Height: 28.6 inches (727 mm) Depth: 11.2 inches (285 mm)
Weight	Without Stand	35.3 lbs (16 kg)	35.3 lbs (16 kg)
	With Stand	40.6 lbs (18.4 kg)	41.9 lbs (19 kg)
LCD Panel Minimum size (diagonal)		42 inches	46 inches
Screen resolution		1920 × 1080	1920 × 1080
Audio power		8 W + 8 W	8 W + 8 W
Power consumption		Please refer to the rating label.	Please refer to the rating label.
Power supply		120 V ~ 60 Hz	
Receiving systems	Analog	NTSC	
	Digital	NTSC / ATSC / QAM	
Environmental conditions		Temperature: 41°F ~ 95°F (5°C~ 35°C) Humidity: 20%-80% RH Atmospheric pressure: 86 kPa - 106 kPa	
Component Input		480 I / 60 Hz, 480 P / 60 Hz, 720 P / 60 Hz, 1080 I / 60 Hz, 1080 P / 60 Hz	
VGA Input		VGA (640×480 / 60 Hz), SVGA (800×600 / 60 Hz), XGA (1024×768 / 60 Hz)	
HDMI Input		RGB / 60 Hz (640×480, 800×600, 1024×768) YUV / 60 Hz (480 I, 480 P, 720 P, 1080 I, 1080 P)	