To Use the Menu
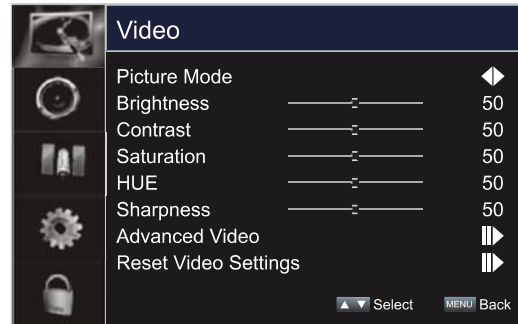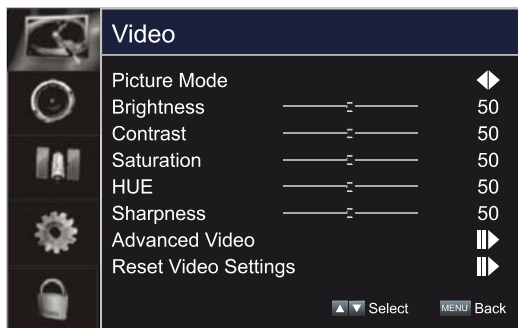
1 Press the [MENU] to open the main menu.

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.

Video	
Picture Mode	◄►
Brightness	50
Contrast	50
Saturation	50
HUE	50
Sharpness	50
Advanced Video	‖►
Reset Video Settings	‖►
	▲▼ Select MENU Back

Using the Video Menu

Video	
Picture Mode	◄►
Brightness	50
Contrast	50
Saturation	50
HUE	50
Sharpness	50
Advanced Video	‖►
Reset Video Settings	‖►
	▲▼ Select MENU Back

You can adjust:

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

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.

Advanced Video - Access advanced video settings such as Back Light, Color Temperature and DNR.

Back Light: Sets the overall brilliance of the screen. When the option of Adaptive Back Light sets Low or High, you cannot change the Back Light setting.

120HZ Smooth Effect: Inserts frames to reduce judder in fast action scenes. You can select On or Off.

☑ **NOTE**

Only Model 50" has this function.

Aspect Ratio: To choose the screen aspect ration from Wide, Auto, Normal, Zoom and Cinema.

☑ **NOTE**

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

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

Overscan: Adjusts the picture's reproduction rate. You can select On or Off.

☑ **NOTE**

Only available in DTV and Component source.

DNR: Select to reduce the noise level of connected equipment: off, Low, Medium, Strong, Auto.
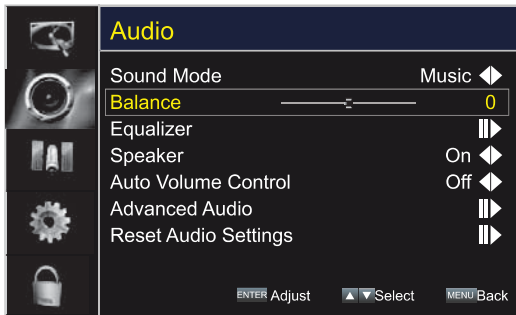
Adaptive Luma Control: According to the content of picture, it can adjust brightness automatically.

Adaptive Back Light: Enhances the contrast ratio between light and dark areas of the picture. You can select Off, Low, or High.

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

Using the Audio Menu

Audio	
Sound Mode	Music ◀▶
Balance	━━━━━╻━━━━ 0
Equalizer	▮▶
Speaker	On ◀▶
Auto Volume Control	Off ◀▶
Advanced Audio	▮▶
Reset Audio Settings	▮▶

ENTER Adjust   ▲▼ Select   MENU Back

You can adjust:

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

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

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

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.

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

Advanced Audio - Access Advanced Audio settings such as SPDIF Type, MTS, Audio Language.

Advanced Audio	
SPDIF Type	PCM ◀▶
MTS	Stereo ◀▶
Audio Language	English ◀▶

▲▼ Select   MENU Back

SPDIF Type: 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: 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.

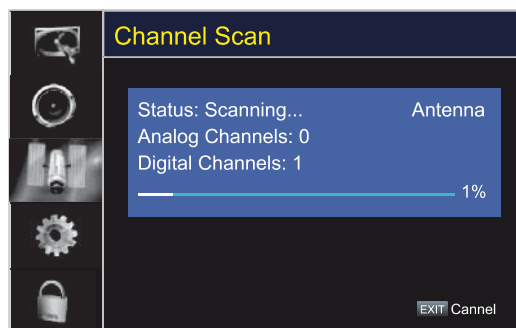**Audio Language** - Change the default value for audio language. (Digital channels only)

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

Using the TV Menu

TV	
Tuner Mode	Cable ◀▶
Channel Scan	▮▶
Channel Skip	▮▶
Favorite List	▮▶
Audio Only	Off ◀▶

▲▼ Select   MENU Back

You can adjust:

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

Channel Scan	
Status: Scanning...	Antenna
Analog Channels: 0	
Digital Channels: 1	
━━━━━━━━	1%

EXIT Cannel

Channel Scan - 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 ∧/∨] (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.

Favorite List		
1	Analog	☐
2	Analog	☐
3	Analog	☐
4	Analog	☐
5	Analog	☐
6	Analog	☐
7	Analog	☐
8	Analog	☐
9	Analog	☐

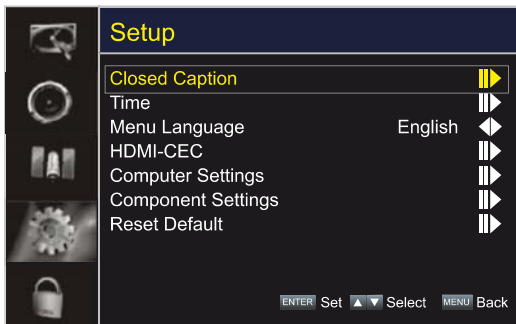ENTER Set ▲▼ Select MENU Back

Audio Only - Listen to the program audio only, when you turn off the picture on your TV.
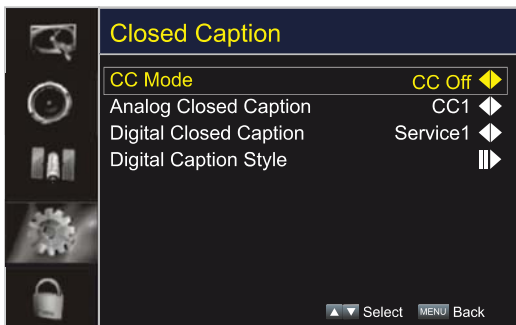
☑ NOTES

● 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

Setup	
Closed Caption	▮▶
Time	▮▶
Menu Language	English ◀▶
HDMI-CEC	▮▶
Computer Settings	▮▶
Component Settings	▮▶
Reset Default	▮▶

ENTER Set ▲▼ Select MENU Back

You can adjust:

Closed Caption - Adjust Closed Captioning settings.

Closed Caption	
CC Mode	CC Off ◀▶
Analog Closed Caption	CC1 ◀▶
Digital Closed Caption	Service1 ◀▶
Digital Caption Style	▮▶

▲▼ Select MENU Back

CC Mode: To select CC Off (turns off closed caption), CC On (turns on closed caption), or CC on when Mute (turns on closed caption when the sound is muted).

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..

Time - Access Time settings such as Time Zone, DAta Time, Sleep Timer.

Time	
Time Zone	▮▶
Date/Time	▮▶
Sleep Timer	Off ◀▶

▲▼ Select MENU Back

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

Data/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.

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

HDMI-CEC - HDMI-CEC lets you control HDMI CEC-compatible devices connected to the HDMI jacks on your TV using the remote control that came with your TV. To use HDMI-CEC, you must set the HDMI-CEC Control setting on the Settings-HDMI-CEC menu to On.

☑ **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.

HDMI-CEC	
HDMI-CEC Control	On ◀▶
Device Auto Power Off	Off ◀▶
TV Auto Power On	Off ◀▶
Audio Receiver	Off ◀▶
Root Menu	▌▶
HDMI-CEC Device Lists	▌▶
	▲▼ Select MENU Back

HDMI-CEC Control: Turning 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.

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

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

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

Component Settings (Only available in Component mode.) - Access Component Settings such as phase, Reset Component Settings.

Component Settings	
Phase	12
Reset Component Settings	▌▶
	ENTER Adjust ▲▼ Select MENU Back

Phase: Adjust the focus of stable images.

Reset Component Settings: This function can help you restore the component settings.

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.

Parental	
Button Lock	Off ◀▶
Rating Enable	Off ◀▶
Block Unrated	Off ◀▶
U.S. TV Ratings	▌▶
U.S. Movie Ratings	▌▶
Canadian English Ratings	▌▶
Canadian French Ratings	▌▶
Change Password	▌▶
	▲▼ Select MENU Back

You can adjust:

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

Rating Enable - Block or unblock TV ratings.

Block Unrated - Block unrated TV programs.

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

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

Block Unrated: Block unrated TV programs.

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

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

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

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.

Digital Media Player

Please note that Hisense will not assume any responsibility for any lost data and cannot guarantee perfect compatibility with all mass storage devices. Be sure to insert the USB disk with standard USB 2.0 port. Data Input from USB Memory Stick only. Do not connect any device to this terminal such as digital camera, keyboard, mouse, etc.
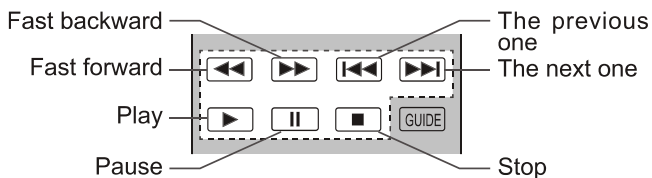
☑ **NOTE**

> Never remove the USB flash drive or turn off your TV while viewing video/photo.

● Press [INPUT] button to display the INPUT menu, press [▲/▼] button to highlight the USB source, then press [ENTER] button to confirm. (If you want to exit DMP, you can press [INPUT] button to switch to other sources).

● Press [RED] button to switch the media type.

● Press [CH ∧/∨] button to turn to the previous/next page.

	050680	01/01	Photo

Folder	Folder	Folder	Folder	Folder
Folder	JPEG	050680	JPEG	

Media Type

⊩ Media content control function buttons

When viewing video/photo, you can press these buttons on the remote control to control video/photo.

Fast backward — ◄◄
Fast forward — ►►
Play — ►
Pause — ❚❚
Stop — ■
The previous one — ❙◄◄
The next one — ►►❙
GUIDE

☑ **NOTE**

> When browsing the photos, only the ❙◄◄ and ►►❙ buttons are available.

Enjoy Video Files

1. Press [RED] button to switch the media type to Video.
2. Press [▲/▼/◄/►] to select the video you want to view.
3. Press [ENTER] to play the video.
4. Press [EXIT] to exit the video and return to the previous directory.
5. When enjoying the video, press [MENU] button to display/exit the menu. Press [►/ENTER] to enter the submenu and press [◄/EXIT] to return to the upper menu.

   Play/Pause: You can play/pause the video.

   Repeat: Adjust the loop mode of video.

   Show Info: View the video information.

   Picture Mode: Select the picture mode from Vivid, Standard, Theater, Energy Savings and Custom.

   Screen Mode: Select the screen aspect ratio from Normal, Zoom, Wide, Cinema and Auto.

   Audio Mode: Select the audio mode from Standard, Theater, News, Music and Custom.

6. You can press [MTS/SAP] button one or more times to select the sound track. Press [ASPECT] button one or more times to enlarge the image by 1X, 2X, 4X and 8X.

Browse the Photos

1. Press [RED] button to switch the media type to Photo.
2. Press [▲/▼/◄/►] to select the photo you want to view.
3. Press [ENTER] to browse/exit the photo.
4. Press [EXIT] to return to the previous directory.
5. When browsing the video, press [MENU] button to display/exit the menu. Press [►/ENTER] to enter the submenu and press [◄/EXIT] to return to the upper menu.

☑ **NOTE**

> When the photos in browsing or pausing, the menu will different.

Play/Pause: You can browse/pause the photo.

Repeat: Repeats the slide show when it reaches the end.

Shuffle: Displays the slide show photo in random order.

Duration: Allows you to browse the photo at different speed. You can also press [GREEN] button to select it.

Effect: Set how the photo appears on the screen. You can also press [BLUE] button to select it.

Rotate: Allows the photo to rotate 90 degrees.

Show Info: View the photo information.

☑ **NOTES**

● The unit recognizes only a USB Memory Stick.

● Do not use a USB hub or an extension cable to connect an external hard disk drive to the unit. (Not supported)

● A USB Memory Stick is always inserted to this unit directly.

● A USB Memory Stick is not supplied with this unit.

● We do not guarantee that all USB Memory Sticks can be supported by this unit.

● Be sure to keep a backup copy of the original files on your device before you play them back on this unit. We have no responsibilities for damage or loss of your stored data.

● To protect your USB Memory Stick files from being erased place the write protect sliding tab in the protect position.

● When you are ready to remove a USB Memory Stick, set the unit to go into Standby mode to avoid any damage to your data and the unit.

● A USB Memory Stick that requires its own driver or the device with a special system such as fingerprint recognition are not supported.

● This unit is not allowed to use the USB Memory Stick which requires an external power supply (500mA or more).

Playable Format List

Video Decoder Support List

File extension	Container	Video Decoder	Resolution	Bitrate (bps)
*.avi	AVI	MPEG1	768*576	1.8M
		MPEG2 MP@HL	1920*1080	40M
		MPEG-4 SP@HL 3.0	1920*1080	40M
		MPEG-4 ASP@HL 4.0	1920*1080	40M
*.wmv	ASF	MPEG-4 SP@HL 3.0	1920*1080	40M
*.asf		MPEG-4 ASP@HL 4.0	1920*1080	40M
*.mp4	MP4	MPEG-4 SP@HL 3.0	1920*1080	40M
*.mov		MPEG-4 ASP@HL 4.0	1920*1080	40M
*.3gp				
*.mkv	MKV	MPEG-4 SP@HL 3.0	1920*1080	40M
		MPEG-4 ASP@HL 4.0	1920*1080	40M
*.mpg	PS	MPEG1	768*576	1.8M
*.mpeg				
*.vro		MPEG2 MP@HL	1920*1080	40M
*.vob				
*.ts	TS	MPEG2 MP@HL	1920*1080	40M
*.ogm	OGG	MPEG2 MP@HL	1920*1080	40M
		MPEG-4 SP@HL 3.0	1920*1080	40M
		MPEG-4 ASP@HL 4.0	1920*1080	40M

Audio Decoder Support List

File extension	Container	Audio Decoder
*.avi	AVI	MPEG1 Layer1/2
		MPEG2 AAC
		MPEG4 AAC-LC
		MPEG4 HE-AAC
		AC3
*.MP4	MP4	MPEG1 Layer1/2
		MPEG2 AAC
		MPEG4 AAC-LC
		MPEG4 HE-AAC
*.mpg	PS	MPEG1 Layer1/2
*.mpeg		
*.vro		AC3
*.vob		
*.ts	TS	MPEG1 Layer1/2
		MPEG2 AAC
		MPEG4 AAC-LC
		MPEG4 HE-AAC
		AC3
*.rm	RM	MP3
		MPEG2 AAC
*.mkv	MKV	MPEG1 Layer1/2
		MPEG2 AAC
		MPEG4 AAC-LC
		MPEG4 HE-AAC
		AC3