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, Picture Mode, TV Source and Channel Installation.

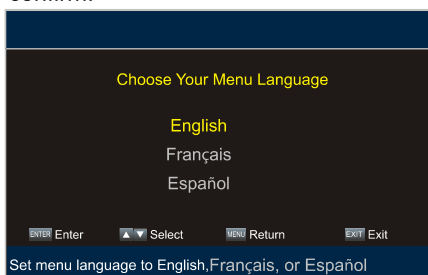**IMPORTANT: Make sure that the antenna or cable is connected.**

1. Make sure that you have:

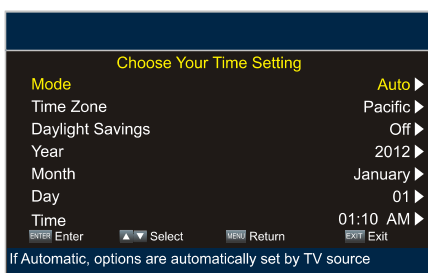   Installed batteries into the remote control .

   Connected an antenna or cable.
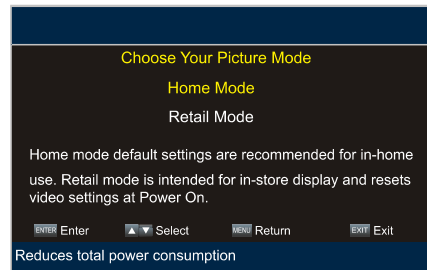
   Connected the power cord.

2. Connect your TV's power cord to a power outlet, then press power. The initial setup screen opens. Press [▲/▼] button to select your language, press [ENTER] button to confirm.

Choose Your Menu Language
English
Français
Español
ENTER Enter   ▲▼ Select   MENU Return   EXIT Exit
Set menu language to English,Français, or Español

3. Press [▲/▼] to select your options and press [◄/►] to set the options.

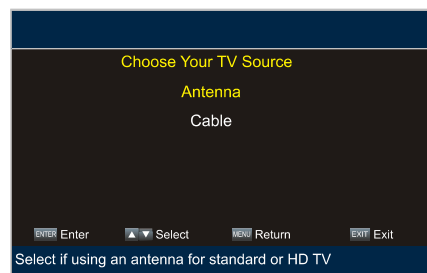 | Choose Your Time Setting | |
   | --- | --- |
   | Mode | Auto ► |
   | Time Zone | Pacific ► |
   | Daylight Savings | Off ► |
   | Year | 2012 ► |
   | Month | January ► |
   | Day | 01 ► |
   | Time | 01:10 AM ► |
   | ENTER Enter ▲▼ Select MENU Return EXIT Exit | |
   | If Automatic, options are automatically set by TV source | |

● If Auto selected, the options of Year/Month/Day/Time are not available.

● Setting the Time: Press [◄/►] to select the number you want to set and press [▲/▼] to set.

4. Press [▲/▼] to select your Picture Mode: Home Mode or Retail Mode, press [ENTER] button to confirm.

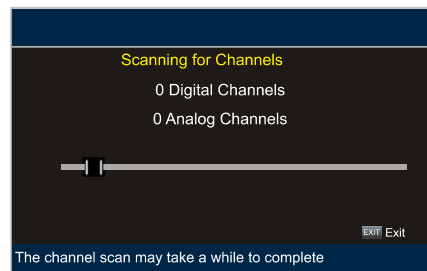 | Choose Your Picture Mode |
   | --- |
   | Home Mode |
   | Retail Mode |
   | Home mode default settings are recommended for in-home use. Retail mode is intended for in-store display and resets video settings at Power On. |
   | ENTER Enter   ▲▼ Select   MENU Return   EXIT Exit |
   | Reduces total power consumption |

   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.

5. Press [▲/▼] to select your TV Source: Antenna or Cable, press [ENTER] button to confirm.

Choose Your TV Source
Antenna
Cable
ENTER Enter   ▲▼ Select   MENU Return   EXIT Exit
Select if using an antenna for standard or HD TV

● Then your TV automatically starts Channel Installation available in your viewing area.

Scanning for Channels
0 Digital Channels
0 Analog Channels
EXIT Exit
The channel scan may take a while to complete

● Depending on the reception condition, it may take several minutes to scan channels. Please allow the process to complete without interruption.

● If you press [EXIT] to exit the scanning, a message appears "Please Run Channel Auto Scan", you should scan channels from the menu of Channels

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.

Changing Channels / Volume

1. Press the [CH Λ/V] (or [CH +/-]) on the TV/remote control to change the channel.
2. Press the [VOL Λ/V] (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, Auto, 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.
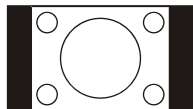
Wide: When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen. When watching a widescreen (1.78:1 signal) program or movie, the display image fills the TV screen.
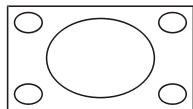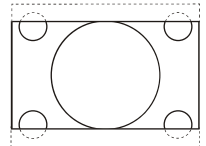
Auto: Automatically adjusts the image based on the screen size and the TV program.
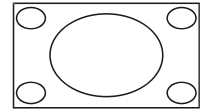
Zoom: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.
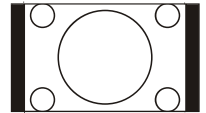
Cinema: Stretch the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.

☑ NOTE

The aspect ratio varies with different sources.

Picture - Press to set the picture mode. It can be set as Vivid, Standard, Theater, Energy Savings 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, Theater, Music, Speech 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.
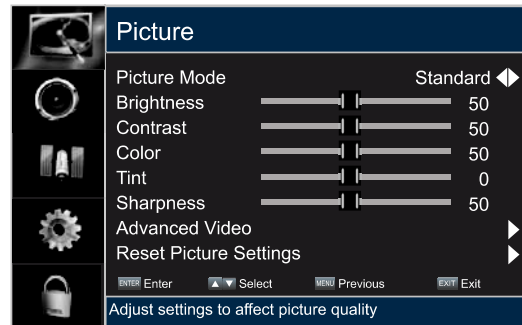
To Use the Menu
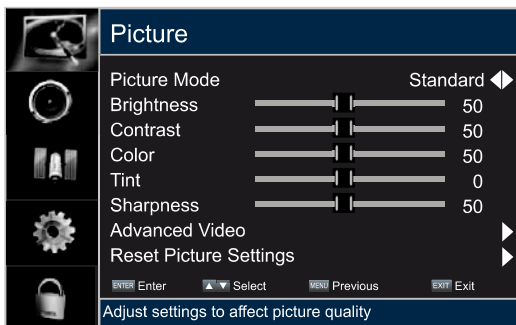
1 Press [MENU] to open the main menu.

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.

Picture	
Picture Mode	Standard ◄►
Brightness	50
Contrast	50
Color	50
Tint	0
Sharpness	50
Advanced Video	▶
Reset Picture Settings	▶

ENTER Enter   ▲▼ Select   MENU Previous   EXIT Exit

Adjust settings to affect picture quality

Using the Picture Menu

Picture	
Picture Mode	Standard ◄►
Brightness	50
Contrast	50
Color	50
Tint	0
Sharpness	50
Advanced Video	▶
Reset Picture Settings	▶

ENTER Enter   ▲▼ Select   MENU Previous   EXIT Exit

Adjust settings to affect picture quality

You can adjust:

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

Color - Adjusts the color intensity of the picture. A low setting may make the color look faded. A high setting may make the color look artificial.

Tint - Adjusts the color balance of the picture.Use this control to make skin tones look more natural.

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

Advanced Video - Access advanced video settings such as Backlight, Color Temperature and Noise Reduction.

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

Backlight: Sets the overall brilliance of the screen. When the option of **Dynamic Backlight Control** is turned Low or High, you cannot change the Back Light setting.

Aspect Ratio: To choose the screen aspect ration from Wide, Cinema, Auto, Normal, 1:1 PIXEL MAP and Zoom .

☑ **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, Normal or Warm.

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

☑ **NOTE**

Only available in DTV, Component and HDMI(YUV) source.

Noise Reduction: Select to reduce the noise level of connected equipment: off, Low, Medium and High.

Adaptive Contrast: Automatically adjusts picture detail and brightness. You can select On or Off.

120Hz Effect: Inserts frames to reduce judder in fast action scenes. You can select On or Off.
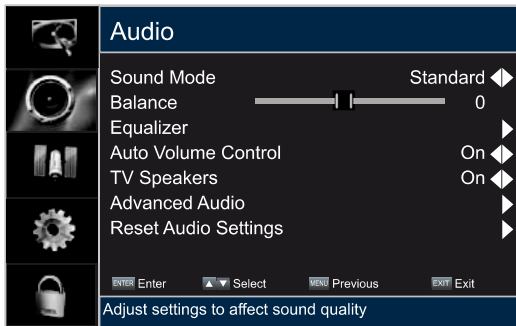
☑ **NOTE**

Only available in the models that support 120 Hz.

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

Using the Audio Menu

Audio

Sound Mode	Standard ◀▶
Balance	0
Equalizer	▶
Auto Volume Control	On ◀▶
TV Speakers	On ◀▶
Advanced Audio	▶
Reset Audio Settings	▶

ENTER Enter ▲▼ Select MENU Previous EXIT Exit
Adjust settings to affect sound quality

You can adjust:

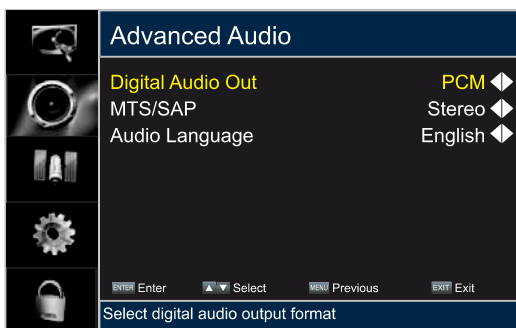**Sound Mode -** Select the Sound Mode: Standard, Theater, Music, Speech or Custom.

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.

TV Speakers - 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.

Advanced Audio - Access Advanced Audio settings such as Digital Audio Out, MTS/SAP, Audio Language.

Advanced Audio

Digital Audio Out	PCM ◀▶
MTS/SAP	Stereo ◀▶
Audio Language	English ◀▶

ENTER Enter ▲▼ Select MENU Previous EXIT Exit
Select digital audio output format

Digital Audio Out: Send digital audio to an external audio system. You can select PCM or RAW.

  ● **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 (Analog channels only)**:** Select the default audio stream, you can select Mono, Stereo or SAP (Second Audio Program).
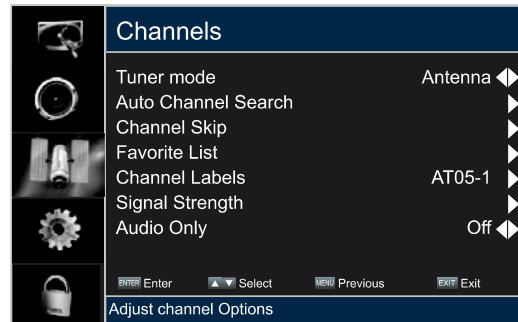
  ● **Mono:** Select this option if there is noise or static on weak stereo broadcasts.

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

**Reset Audio Settings -** Resets all audio settings to the factory defaults.

Using the Channels Menu

Channels

Tuner mode	Antenna ◀▶
Auto Channel Search	▶
Channel Skip	▶
Favorite List	▶
Channel Labels	AT05-1 ▶
Signal Strength	▶
Audio Only	Off ◀▶

ENTER Enter ▲▼ Select MENU Previous EXIT Exit
Adjust channel Options

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.

Scanning for Channels

Status: Scanning		Antenna
Digital Channels	:	0
Analog Channels	:	0

MENU Exit
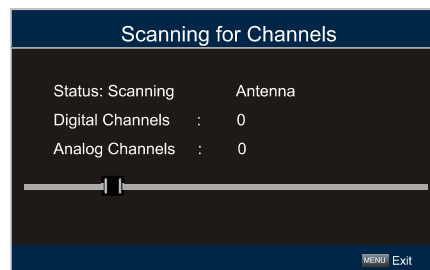
Digital Channels: The scanned TV program in digital signals.

Analog Channels: The scanned TV program in analog signals.

Channel Skip - You can hide channels in the channel list. Press [▲/▼] to select the channels you want to hide and press [ENTER] to confirm.
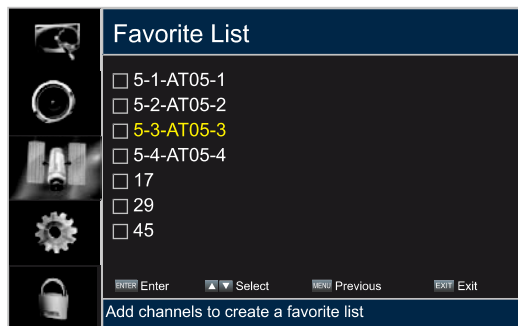
Channel Skip

☐ 5-1-AT05-1
☐ 5-2-AT05-2
5-3-AT05-3
☐ 5-4-AT05-4
☐ 17
☐ 29
☐ 45

ENTER Enter ▲▼ Select MENU Previous EXIT Exit
Manual add and skip channels in your program list
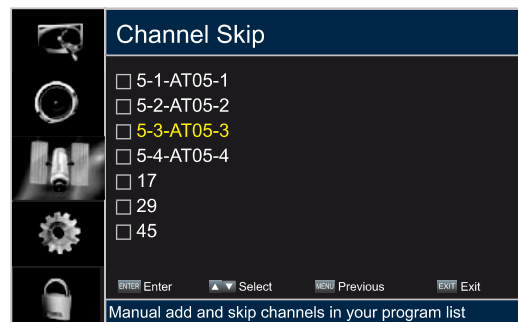
☑ NOTE

When you press [CH ∧/∨] (or [CH +/-]) button, your TV skips the hidden channels. You can still tune to the channel by pressing 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
☐ 5-1-AT05-1
☐ 5-2-AT05-2
☐ 5-3-AT05-3
☐ 5-4-AT05-4
☐ 17
☐ 29
☐ 45

ENTER Enter   ▲▼ Select   MENU Previous   EXIT Exit
Add channels to create a favorite list

Channel Labels - Change the channel name. Press [◄/►] to select the character you want to change, then press [▲/▼] to set the character.
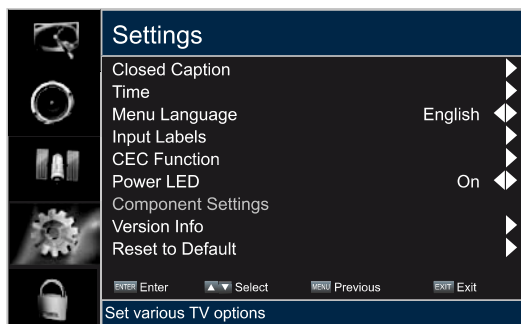
Signal Strength (Digital channels only)**-** You can check the digital signal strength to determine if you need to adjust your antenna or digital cable input.

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.
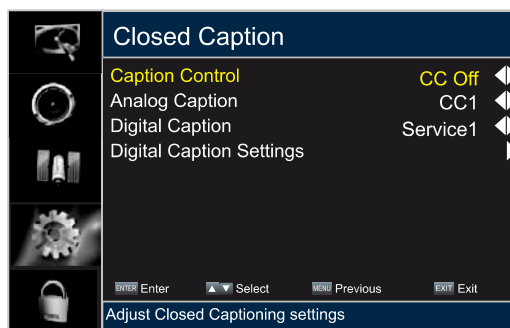
Using the Settings Menu

Settings	
Closed Caption	►
Time	
Menu Language	English ►
Input Labels	►
CEC Function	
Power LED	On ►
Component Settings	
Version Info	►
Reset to Default	►

ENTER Enter   ▲▼ Select   MENU Previous   EXIT Exit
Set various TV options

You can adjust:

Closed Caption - Adjust Closed Caption settings.

Closed Caption: 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).
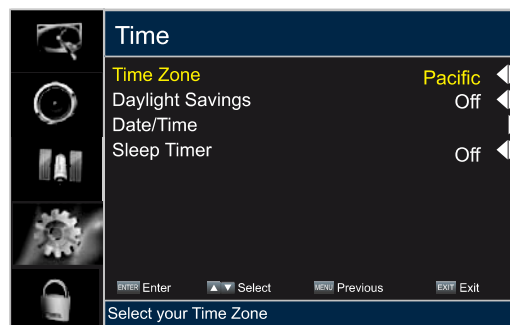
Closed Caption	
Caption Control	CC Off ◄►
Analog Caption	CC1 ◄►
Digital Caption	Service1 ◄►
Digital Caption Settings	►

ENTER Enter   ▲▼ Select   MENU Previous   EXIT Exit
Adjust Closed Captioning settings

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

Digital Caption: Select a Digital Caption setting: Service1~Service6, Off.

Digital Caption Settings: 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, Date/Time, Sleep Timer.

Time	
Time Zone	Pacific ◄►
Daylight Savings	Off ◄►
Date/Time	►
Sleep Timer	Off ◄►

ENTER Enter   ▲▼ Select   MENU Previous   EXIT Exit
Select your Time Zone

Time Zone: Select your local time zone: Pacific, Alaska, Hawaii, Newfoundland, Atlantic, Eastern, Central and Mountain.

Daylight Savings: Press [▲/▼] to highlight Daylight Savings, then press [◄/►] to select On (if your viewing area observes Daylight Savings Time) or Off (if your viewing area does not observe Daylight Savings Time).

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

● **Auto synchronization:** Select Manual (to set the date and time manually) or Auto (to set the date and time automatically from a TV signal source based on the time zone you select).

If you selected Manual, set the following options.

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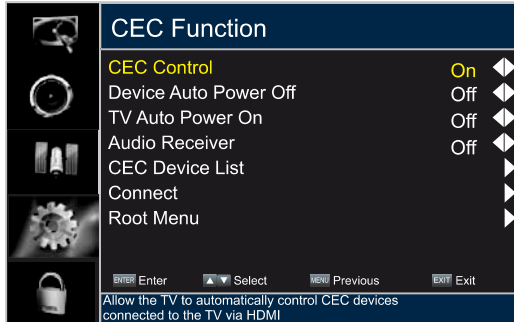
● **Time:** Set the current time.

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.

Input Labels - Press [▲/▼] to select the input source you want to label, then press [►] to move to the custom label field and then press [▲/▼] to select the character you want. When you have completed the label, The next time you press INPUT, your label will appear in the Input source list.

CEC Function- CEC Function 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 CEC Function, you must set the CEC Control setting to On.

CEC Function

CEC Control	On ◄►
Device Auto Power Off	Off ◄►
TV Auto Power On	Off ◄►
Audio Receiver	Off ◄►
CEC Device List	►
Connect	►
Root Menu	►

ENTER Enter   ▲ ▼ Select   MENU Previous   EXIT Exit

Allow the TV to automatically control CEC devices connected to the TV via HDMI

☑ **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 CEC Control features do not work.

● Depending on the connected HDMI device, the CEC Control feature may not work.

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

Audio Receiver: When 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.

CEC Device Lists: You can display a list of HDMI CEC devices that are connected to your TV and select the source you want.

Connect: Connect to the current CEC devices .

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

Power LED - To turn on or off the standby indicatior.

Component Settings (Only available in Component mode.) - You can adjust the horizontal distortion that may occur when watching video from a component video device.

Phase: Minimizes horizontal distortion.

Reset Component Settings: Resets all component video settings to factory mode.

Version Info - Display the software version information.

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

Using the Parental Controls Menu

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

Parental Controls

Button Lock	Off ◄►
Block Unrated TV	Off ◄►
USA Parental Locks	►
Canadian Parental Locks	►
Change Password	►
Open V-Chip	
Reset Parental Control Settings	►
Clean All	►

ENTER Enter   ▲ ▼ Select   MENU Previous   EXIT Exit

Lock or unlock the buttons on the TV

You can adjust:

Button Lock - Block or unblock the button of the TV.

Block Unrated TV - Block unrated TV programs.

USA Parental Locks - Restrict movie and TV programs for USA Ratings.

Canadian Parental Locks - Restrict movie and TV programs for Canadian Ratings.

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

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

Reset Parental Control Settings - Resets all parental control settings to factory mode.

Clean All - Reset all your settings to factory mode.