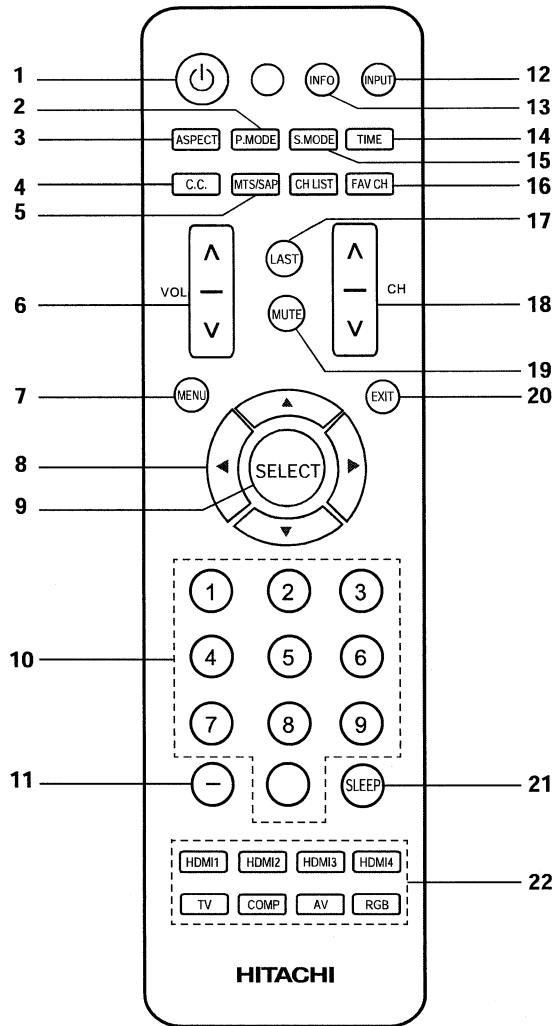


Remote control



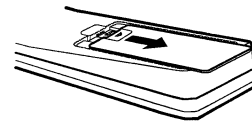
1. **POWER Button** - Press to turn the LCD TV's power on/off.
2. **P.MODE** - Picture mode selecting button.
3. **ASPECT Button** - Press to change the picture size.
4. **C.C. Button** - Used to turn on/off the Closed Captions.
5. **MTS/SAP Button** - Press to change the audio language.
6. **VOL (VOLUME) ▲ / ▼ Buttons** - Press the ▲ button to increase, or the ▼ button to decrease the sound level.
7. **MENU Button** - Press to display the On-Screen menu.
8. **CURSOR ▲/▼/◀/▶ Buttons** - Use to navigate and select menu functions of the LCD TV.
9. **SELECT Button** - Press to enter or select functions for the On-Screen menu.
10. **Direct Channel Selection Buttons (0-9)** - Allows direct access to any channel of the LCD TV.
11. **- Button** - This button is the "-" button used when selecting digital channels.
12. **INPUT Button** - Press to change the TV's input.
13. **INFO Button** - When you press this button, the current information will be displayed on the screen.
14. **TIME Button** - Press to display the time.
15. **S.MODE** - Sound mode selecting button.

16. **FAV CH** - Press to display favorite channels.
17. **LAST Button** - Pressing this button allow you to go back to the previous channel selected. Press this button again to return to the channel you were watching.
18. **CH (CHANNEL) ▲ / ▼ Buttons** - Press to change the channels of the TV.
19. **MUTE Button** - To turn off the sound, press this button once. The LCD TV will be silenced and the mute icon will appear on the screen. The muting feature can be released by pressing the **MUTE** button again or by pressing of the **VOL (VOLUME) ▲**.
20. **EXIT Button** - Press to exit the On-Screen menu.
21. **SLEEP Button** - To set the LCD TV to turn off after a preset amount of time, use the **SLEEP** button on the remote control.
22. **Direct Input Key Buttons** - Press to go to the HDMI / TV / COMP / AV / RGB.

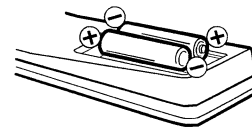
Before using the remote control, batteries must first be installed.

HOW TO INSTALL BATTERIES

1. Open the battery compartment cover.



2. Install two "AAA" batteries (supplied).



3. Replace the battery compartment cover.

Use two "AAA" size batteries. The batteries may last approximately one year depending on how much the remote control is used. For best performance, it is recommended that batteries should be replaced on a yearly basis, or when the remote operation becomes erratic. Do not mix old and new batteries or different types.

BATTERY PRECAUTIONS

These precautions should be followed when using batteries in this device:

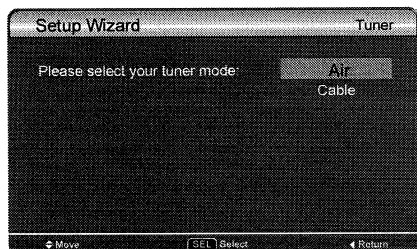
- Use only the size and type of batteries specified.
- Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
- If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)
- Please use caution when inserting batteries to avoid battery damage. If the spring terminal in the remote control remains in contact with a side of a damaged battery it can cause a short circuit. Never use damaged batteries as they can become very hot and are dangerous.

Starting setup

The Setup Wizard appears the first time you turn on the TV. It will assist you to specify the Air/Cable setting and program your channels automatically.

IMPORTANT: Make sure that the antenna or cable TV system connection is made.

- 1 To turn on the TV, touch **POWER** (POWER indicator on the front of the unit changes blue. It may take approx. 10 seconds for a picture to appear on screen.). The Setup Wizard function begins.



- 2 Press ▲ or ▼ to select "Source", then press ◀ or ▶ to select "Cable" or "Air".
- 3 Press ▲ or ▼ to select "Scan", then press ▶ or **SELECT**.
- 4 "Setup Wizard" will begin. After the Setup Wizard is completed, the TV channel appears on the screen.
 - Depending on the reception condition, it may take up to 25 minutes or more to complete memorizing digital cable channels. Please allow the process to complete without interruption.

NOTE

- If you press **EXIT** in the process of "Setup Wizard", the Setup Wizard stops and changes to the normal screen. When you make a menu selection, your changes occur immediately. You do not have to press **EXIT** to see your changes.

TV operation

- 1 To turn on the TV, press **POWER**. (POWER indicator on the front of the unit changes blue. It may take approx. 10 seconds for a picture to appear on screen.)
- 2 Adjust the volume level by pressing **VOL ▲** or **▼**. The volume level will be indicated on the screen by volume bars. As the volume level increases, so do the number of bars. If the volume decreases, the number of volume bars also decreases.
- 3 Set the Source option to the appropriate position.
- 4 Press the **Direct Channel Selection (0-9, -)** buttons to select the channel. (If you press only the channel number, channel selection will be delayed for a few seconds.)

TO SELECT ANALOG CHANNELS

- 1-9: Press 1-9 as needed. Example, to select channel 2, press **2**, then press **SELECT**.
- 10-99: Press the 2 digits in order. Example, to select channel 12, press **1**, **2**, then press **SELECT**.
- 100-135: Press the 3 digits in order. Example, to select channel 120, press **1**, **2**, **0**, then press **SELECT**.

TO SELECT DIGITAL CHANNELS

Press the first 1-3 digits, then press the **-** button followed by the remaining number.

Example, to select channel 15-1, press **1**, **5**, **-**, **1**, then press **SELECT**.

- If a channel is selected with only audio content, "Audio only" will be displayed on the screen.
- If a channel is selected with a weak digital signal, "Weak Signal or No Audio and Video." will be displayed on the screen.
- The same program may be available on either an analog channel or a digital channel. You may choose to watch either format.
- If a channel is selected to which you have not subscribed, "Scrambled" will be displayed on the screen.

VHF/UHF/CABLE CHANNELS

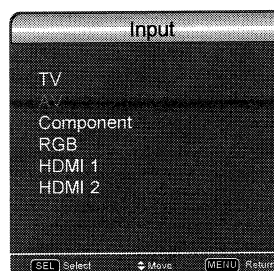
Air	Cable
VHF 2-13	VHF 2-13
UHF 14-69	CATV 1-125 Digital Terrestrial Broadcast(8VSB):2-69 Digital cable(64/256 QAM):1-135

NOTES

- If a channel with no broadcast is selected, the sound will automatically be muted.
- It may take a few seconds for a digital channel picture to appear on screen after being selected.

To select the video input source

To view a signal from another device connected to your LCD TV, such as a VCR player, press **INPUT**, then press ▲ or ▼, then press **SELECT**. You can select TV, Video, Component, HDMI or RGB depending on which input jacks you used to connect your devices.



CH ▲/▼

Press and release **CH ▲/▼**. The channel automatically stops at the next channel set into memory.

For proper operation, before selecting channels, they should be set into the memory. Refer to the Channels Menu on page 14.

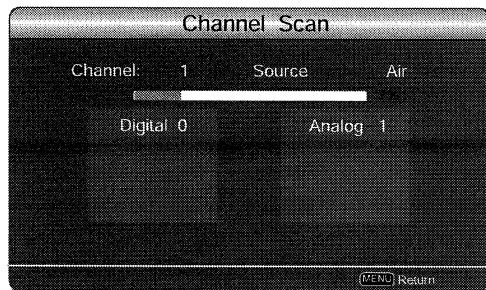
Using the Channels Menu



- 1 Press Menu button to display the main menu.
- 2 Press **▲** or **▼** button to select Channels.
- 3 Press **▶** or **SELECT** button to enter Channels menu.
- 4 Press **▲** or **▼** button to select the option, press **▶** or **SELECT** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

You can adjust:

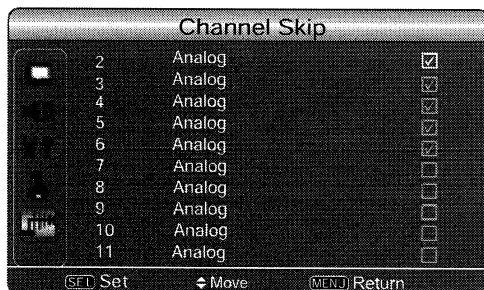
- Source - Select the TV signal source. You can select Air or Cable.
- Channel Scan - Scans for channels that have signals and stores the channels information in memory.



DTV: The scanned TV programs in digital signals.

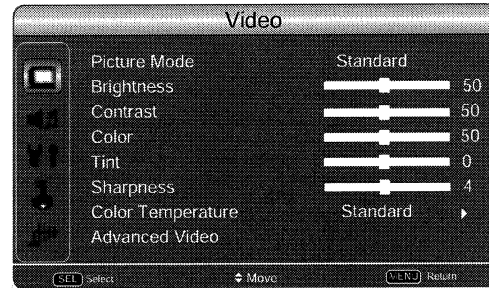
TV: The scanned programs in analog signals.

- Channel Skip - Deletes a channel stored in memory. When you press CH $\wedge$ or CH $\vee$, your TV skips the channel you deleted. You can still tune to the channel using the number buttons on the remote control.



- Favorite CH List - Selects or cancel the favorite programs.
- MTS - Selects the sound mode. You can select Mono, Stereo, or SAP(Second Audio Program).
- Preferred Language - Selects your preferred language as the audio default language. This setting is only for digital channels.

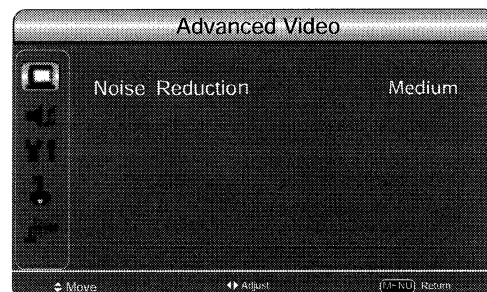
Using the Video Menu



- 1 Press Menu button to display the main menu.
- 2 Press **▲** or **▼** button to select Video.
- 3 Press **▶** or **SELECT** button to enter Video menu.
- 4 Press **▲** or **▼** button to select the option, press **▶** or **SELECT** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

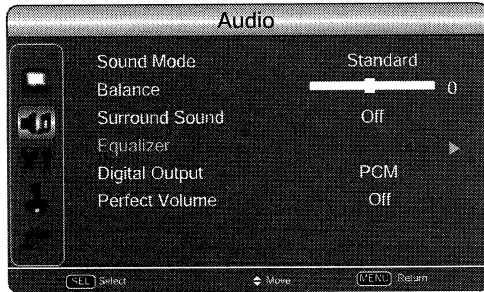
You can adjust:

- Picture Mode - Adjusts the Picture Mode. You can select Dynamic, Standard, Movie, or Custom.
- Brightness - Use this function to change the overall brightness of the dark areas of this picture.
- Contrast - Use this function to change the contrast between black and white level in the picture.
- Color - Use this function to adjust the level of color in the picture.
- Tint - Use this function to adjust flesh tones so they appear natural.
- Sharpness - Use this function to adjust the amount of fine detail in the picture.
- Color Temperature - Set this to High for cooler color with more blue, set to Warm for a more natural color or set to Standard for accurate color.
- Advanced Video - Accesses advanced video settings such as Noise Reduction.



- Noise Reduction: It can optimize the picture signal from time and space; reduce the outside noise interference and return the pure initial signal. It has four ratings: Low, Medium, High and Off.

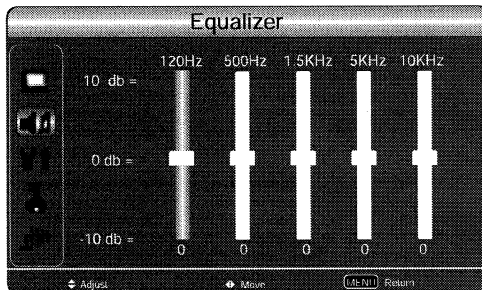
Using the Audio Menu



- 1 Press Menu button to display the main menu.
- 2 Press ▲ or ▼ button to select Audio.
- 3 Press ▶ or **SELECT** button to enter Audio menu.
- 4 Press ▲ or ▼ button to select the option, press ▶ or **SELECT** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

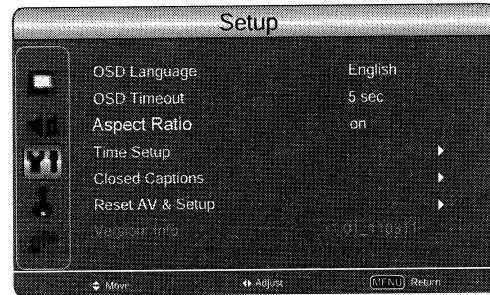
You can adjust:

- Sound mode - Select the sound mode. It can be Standard, Speech, Custom, Music.
- Balance - Adjusts the volume of the left and right speakers.
- Surround Sound - Turns the surround sound effect on or off.



- Equalizer - Weaken or enlarge the sound of the main frequency points.
- Digital Output - Selects the item, you can select PCM, RAW or Off.
PCM - PCM is an encoding, mainly used for analog signal, Dolby mainly used for digital signal.
RAW - When the data stream carries Dolby signal, digital audio outputs Dolby data stream. When the data stream carries no Dolby signal, it transports PCM data stream.
Off - Select to turn off Digital Audio Output
- Perfect Volume - This function will automatically adjust volume so each channel and input has the same average volume level.

Using the Setup Menu

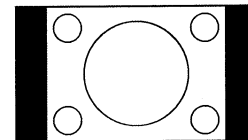


- 1 Press Menu button to display the main menu.
- 2 Press ▲ or ▼ button to select Setup.
- 3 Press ▶ or **SELECT** button to enter Setup menu.
- 4 Press ▲ or ▼ button to select the option, press ▶ or **SELECT** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

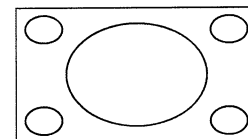
You can adjust:

- OSD Language - Use the right or left arrow button to choose the OSD Language among English, Spanish and French.
- OSD Timeout - Selects the lasting time of OSD. You can choose the time from 5 sec to 60 sec.
- Aspect Ratio - Use the arrow button to choose the screen aspect ratio from 16:9, 4:3, Zoom, Cinema, Dot-to-Dot.

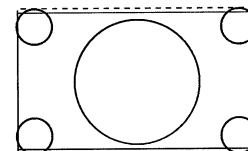
- 1 4:3
The original 4:3 aspect ratio is preserved, so black bars are added to the left and right of the image.
Standard TV broadcasts are displayed with a 4:3 aspect ratio.



- 2 16:9
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 program or movie, the display image fills the TV screen.



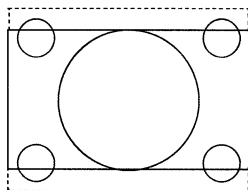
- 3 Zoom
Stretches the 4:3 aspect ratio image vertically and horizontally to fill the screen.



Using the Setup Menu

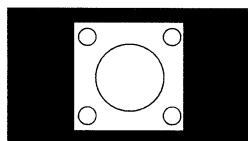
4 Cinema

Stretches the 4:3 aspect ratio image vertically and horizontally to fill the screen.

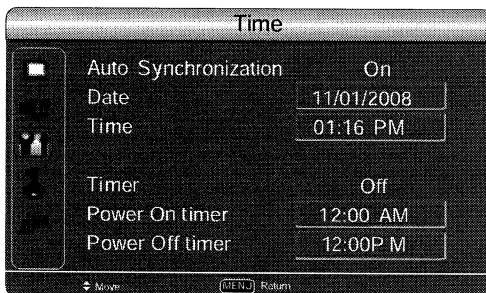
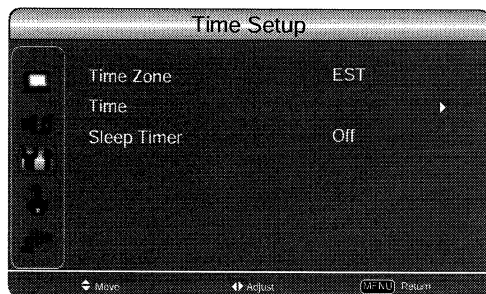


5 Dot to dot

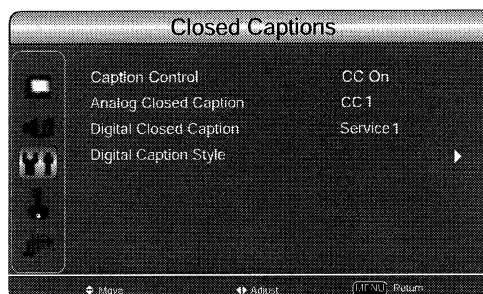
Use the function to see the full image without any cutoff, when TV in RGB source.



- PC Standby - This is a good function for a computer monitor. When PC Standby is on, the computer will control the screen on or off. For example, if the computer is in sleep mode, the screen will be switched off. If the computer is activated, the screen also is activated. ("PC Standby" being only available in RGB input.)
- Time Setup - You can set up the exact time by yourself. You can also set up Sleep Timer, Auto Synchronization, and Timer.



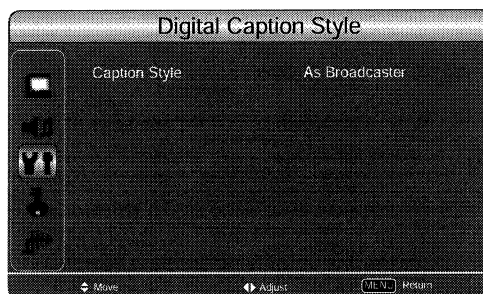
- Closed Captions - Analog Closed Caption, Digital Closed Caption and Digital Caption Style. Display available analog and digital closed captions or modify the appearance of digital closed captions.



Caption Control: CC On , CC Off, CC On When Mute.

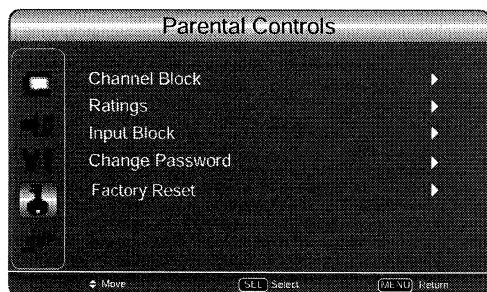
Analog Closed Caption: CC1,CC2,CC3,CC4, TEXT1,TEXT2,TEXT3,TEXT4.

Digital Closed Caption: Service1, Service2, Service3, Service4, Service5, Service6.



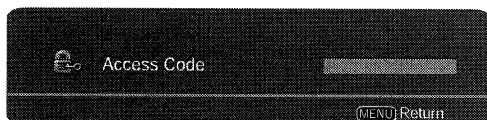
- Digital Caption Style - There are two Caption Styles. One is the automatic function set as the broadcaster, while the other is the custom style where you can adjust the font size, color, opacity, background color etc.,accordingly.
- Reset AV & Setup - Every TV has its original setting before leaving the factory. So this function helps you restore these settings.

Using the Parental Controls Menu



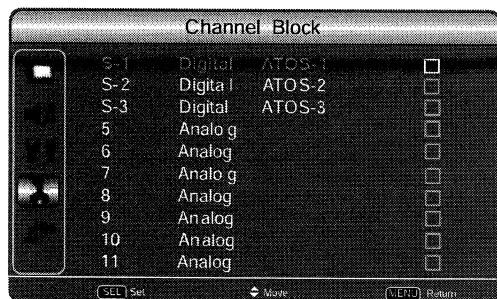
- 1 Press Menu button to display the main menu.
- 2 Press ▲ or ▼ button to select Parental Controls.
- 3 Press ► or **SELECT** button to enter Parental Controls menu.
- 4 Press ▲ or ▼ button to select the option, press ► or **SELECT** button to enter or press **EXIT** button to exit.
- 5 When you are finished, press the **EXIT** button to close the menu.

When you first use this function, the default password is [0000]. Once you input this password, you can: Press ▲ or ▼ to highlight an option, then press ◀ or ▶ to adjust the option.



You can adjust:

- Channel Block - This function will let you block any channel you want.

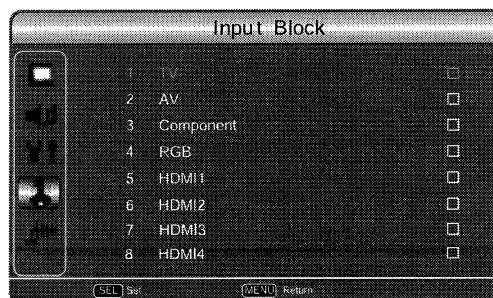


- Factory Reset - This function will reset your TV to the factory settings.

NOTE

If you choose this function, all the programs you preset will be lost, and you will have to complete the "Setup Wizard" again. Refer to Starting Setup on page 13.

- Input Block - You can block the input source with this function. For example, if you want to block AV input, just highlight **AV** and press **SELECT**. The AV input will not be seen in the screen.



- Ratings-
 - A. Rating Enable is on.
 - B. U.S. TV Ratings: You can choose TV ratings according to the illustration on the screen.
 - C. The settings for U.S. Movie Ratings, Canada (English) Ratings and Canada (French) Ratings follow Step B. If you want to block the unrated program, please turn on this function.
 - D. In order to set Region 5 Ratings the ATSC digital channel received must include region.
 - E. If you want to block the unrated program, please turn on this function.



- Change Password - The first time you use this function, use the default password. If you want to change it, first enter the new password then enter the same password again.
- If you forget your password, use the factory password 7777, you can then gain access to change your password if necessary.