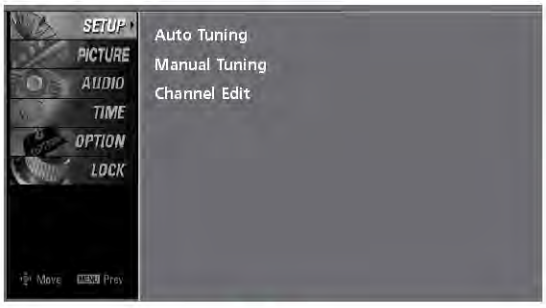
ON-SCREEN MENUS SELECTION

Your TV's OSD (On Screen Display) may differ slightly from what is shown in this manual.

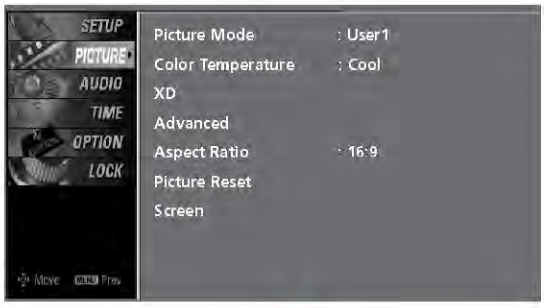
1. Press the **MENU** button and then use ▲ or ▼ button to select each menu.

2. Press the ► button and then use ▲ ▼ ◄ ► button to display the available menus.

SETUP

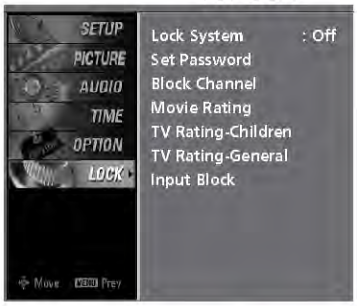


PICTURE



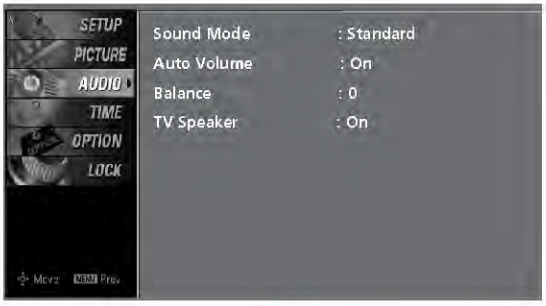
LOCK

For USA



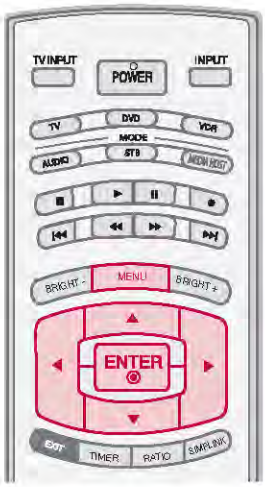
For Canada

AUDIO



OPTION

TIME



CHANNEL SETUP

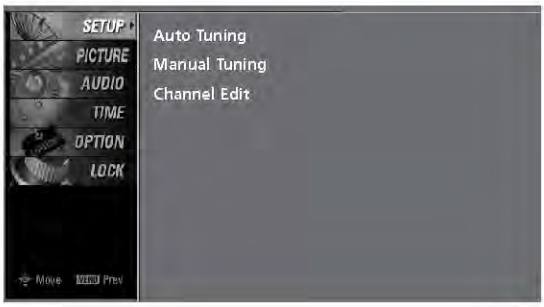
Auto Scan(Auto Tuning)

Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.

Run Auto Tuning again after any Antenna/Cable connection changes.

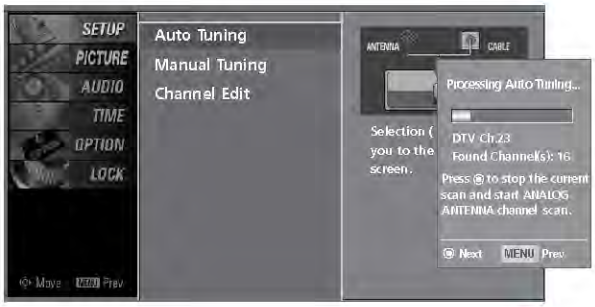
A password is required to gain access to Auto Tuning menu if the Lock System is turned on.

1. Press the **MENU** button and then use ▲ or ▼ button to select the **SETUP** menu.

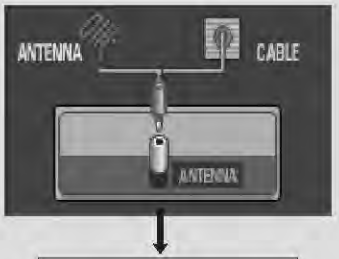


2. Press the ► button and then use ▲ or ▼ button to select **Auto Tuning**.

3. Press the **ENTER** button to begin the channel search. Allow **Auto Tuning** to complete the channel search cycle for **ANTENNA** and **CABLE**.



NOTE

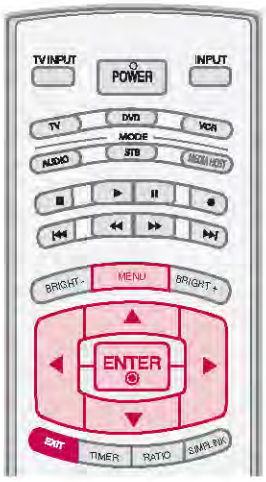


Analog TV antenna
Digital DTV antenna
Analog CATV cable
Digital CADTV cable

Add/Delete Channel(Manual Tuning)

A password is required to gain access to Manual Tuning menu if the Lock System is turned on.

If selecting DTV or CADTV input signal, you can view the on-screen signal strength monitor to see the quality of the signal being received.



1. Press the **MENU** button and then use ▲ or ▼ button to select the **SETUP** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **Manual Tuning**.

3. Press the ▶ button and then use ▲ or ▼ button to select DTV, TV, CADTV, and CATV.

4. Press the ▶ button and then use ▲ or ▼ button to select channel number you want to add or delete.

5. Press the **ENTER** button to add or delete for the channel number.

6. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

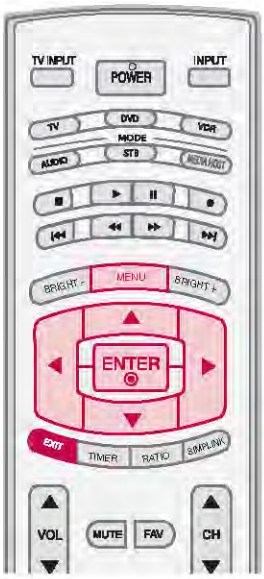
1

2

3 4 5

NOTE

- This digital channel number is a physical channel number, which is different from the normal channel number shown in Channel Edit.



Channel Editing

From the default channel list created from the Auto Tuning channel search, you can create two different types of channel lists in memory: "custom list" and "favorite channel list".

A custom list can be created by toggling each channel on or off with ENTER button. The channels in the Custom List are displayed in black and the channels deleted from the Custom List are displayed in gray. Once a channel is highlighted you can add or delete the channel by referring to the small window at the top-left corner of the screen.

You can create your own Favorite List. Use the FAV button on the remote control when a channel is highlighted and then add or delete the channel to/from your Favorite List.

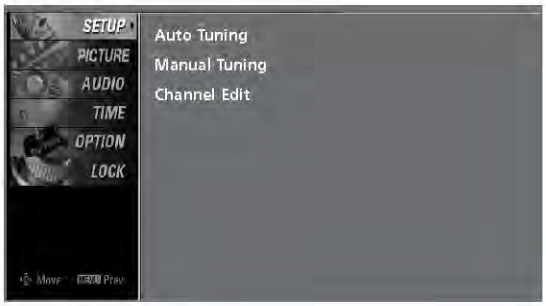
1. Press the MENU button and then use ▲ or ▼ button to select the SETUP menu.

2. Press the ▶ button and then use ▲ or ▼ button to select Channel Edit.

3. Press the ▶ button. You will now see a screen filled with channel numbers and a preview picture.

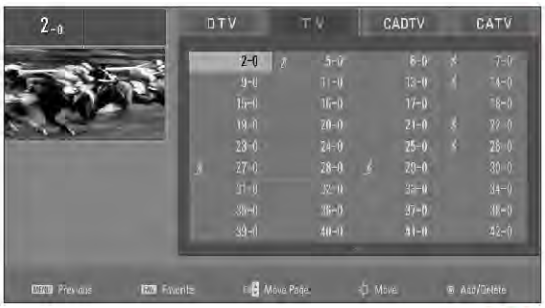
4. Use ▲ ▼ ◀ ▶ button to select a channel and then use the ENTER button to add or delete it. Press FAV button to add the channel to the Favorite List. The surfing icon will appear in front of that channel number.

5. Press EXIT button to return to TV viewing or press MENU button to return to the previous menu.



1

2

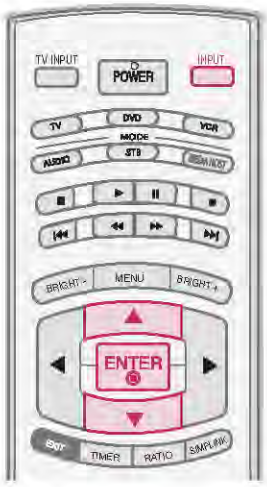


3 4

INPUT LIST

Press the**INPUT** button to display external device that is connected to the unit, on screen.

Press the **ENTER** button to change the input to the active external device. Use the ▲ or ▼ button to select the input source.



1 If all external input sources are connected:

Antenna → Cable → AV1 → AV2 → Component1

↑ ↓

HDMI3 ← HDMI2 ← HDMI1 ← RGB-PC ← Component2

2 If no external input sources are not connected:

Antenna ⟷ Cable

3 If there is any external input source connected:
(ex: When connected only to AV 2)

Antenna → Cable → AV2

↑ ↓

Antenna : Select it when watching the DTV/TV.
Cable: Select it when watching the CADTV/CATV.
AV 1, AV 2 : Select it when watching the VCR or external equipment.
Component 1-2 : Select it when using the DVD or the Digital set-top box depend on connector.
RGB-PC : Select it when using PC depend on connector.
HDMI, HDMI2, HDMI3 : Select it when using DVD, PC or Digital set-top box depend on connector.

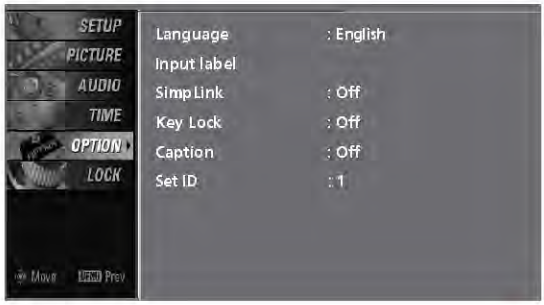
SIMPLINK

This operates only for the devices with the SIMPLINK logo. Please check the SIMPLINK logo.

This allows you to control and play other AV devices connected to the display through HDMI cable without additional cables and settings.

SimpLink Preparations

1. Connect the HDMI/DVI IN 1, 2 or 3 terminal of the TV to the rear terminal (HDMI output) of the SimpLink device with the HDMI cable.
   After connecting the HDMI jack for the home theater with simpLink function in the above method, connect the DIGITAL AUDIO OUT OPTICAL on the back of the TV to the DIGITAL AUDIO OUT terminal on the back of the simpLink device with the Optical cable.

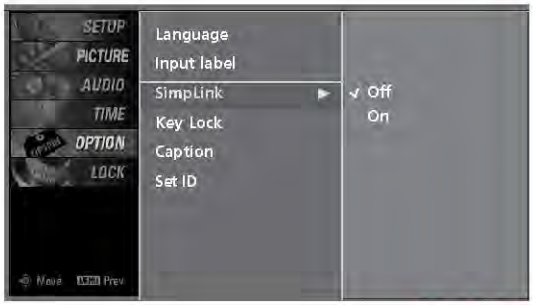


2

2. Press the MENU button and then use ▲ or ▼ button to select the **OPTION** menu.

3. Press the ► button and then use ▲ or ▼ button to select **SimpLink**.

4. Press the ► button and then use ▲ or ▼ button to select **On**.



3 4 5

5. Press EXIT button to return to TV viewing or press MENU button to return to the previous menu.

NOTE

- When operating the external device with SimpLink, press the TV button among the MODE button on the remote control.
- When you switch the Input source with the INPUT button on the remote control, you can stop the operation of device worked by SimpLink.
- When you select or operate the media device with home theater function, the speaker automatically switches to home theater speaker (HT speaker).
- When you execute 'Photo List, Music List 'function during DVD playback included in home theater supported the SimpLink stops and the applicable function is executed after switching the input to TV.

SimpLink Functions

Direct Play
After connecting AV devices to TV, you can directly control the devices and play media without additional settings.

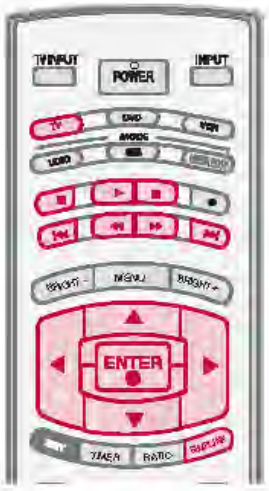
Select AV device
Enables you to select one of AV devices connected to TV and play it.

Disc playback
Control connected AV devices by pressing the , , , , , , , ▲▼◄ ►, ENTER buttons and buttons for play, pause, stop, fast reverse, fast forward, chapter skip.

Power off all devices
When you power off TV, all connected devices are turned off.

Switch audio-out
Offers an easy way to switch audio-out.

(A device, which is connected to TV through HDMI cable but does not support Simplink, does not provide this function)



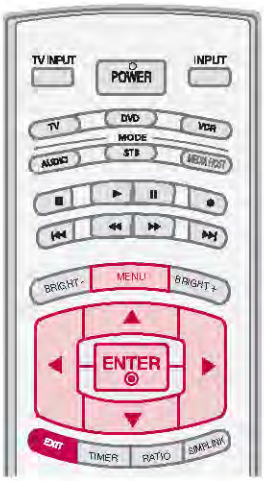
1. After selecting the **TV** button of the MODE on the remote control, press the **SIMPLINK** button.
2. Use ▲ ▼ ◄ ► button to select the desired device and then press the **ENTER** button.
3. Control connected AV devices by pressing the , , , , , , , ▲▼◄ ►, **ENTER** buttons.

SimpLink Menu

1. **TV viewing** : Switch to the previous TV channel regardless of the current mode.
2. **DISC playback** : Select and play discs. When multiple discs are available, the titles of the discs are conveniently displayed at the bottom of the screen.
3. **VCR playback** : Play and control the connected VCR.
4. **HDD Recordings playback** : Play and control recordings stored in HDD.
5. **Audio Out to HT speaker/Audio Out to TV** : Select HT speaker or TV speaker for Audio Out.

INPUT LABEL

Sets a label to each input source which is not in use when you press INPUT button.



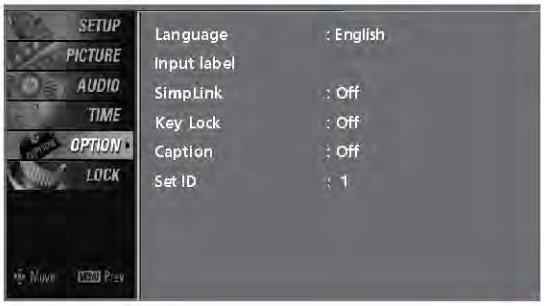
1. Press the **MENU** button and then use ▲ or ▼ button to select the **OPTION** menu.

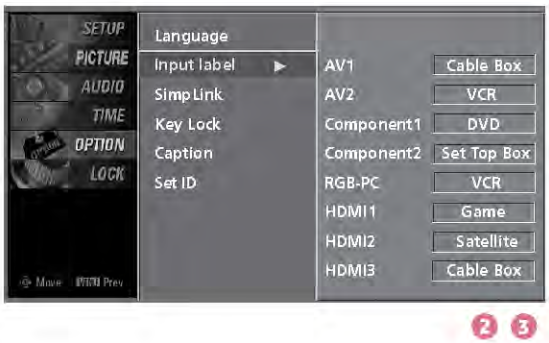
2. Press the ▶ button and then use ▲ or ▼ button to select **Input Label**.

3. Press the ▶ button and then use ▲ or ▼ button to select the source: AV1, AV2, Component1, Component2, RGB-PC, HDMI1, HDMI2 or HDMI3.

4. Press the ◀ or ▶ button to select the label.

5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.





ENTRY MODES

When you connect a USB device or press the MEDIA.HOST button, this screen is displayed, automatically.

In USB device, you can not add a new folder or delete the existing folder.

[Media Host Menu]

1. Press the ▲ or ▼ button to select the desired item.
2. Press the ENTER button to move to **Photo List** or **Music List** of USB device.
3. Press the USB EJECT button of remote control before removing the USB device.

NOTE

- Press the USB EJECT button of remote control before removing the USB device.
- Only a USB storage device is recognizable.
- If the USB storage device is connected through a USB hub, the device is not recognizable.
- A USB storage device using an automatic recognition program may not be recognized.
- A USB storage device which uses its own driver may not be recognized.
- In case of a card reader, up to four memory cards are concurrently recognizable.
- The recognition speed of a USB storage device may depend on each device.
- Please do not turn off the TV or unplug the USB device when the connected USB storage device is working. When such device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged. To unplug the USB storage device, please press the USB EJECT button on the remote control, and then unplug it safely.
- Please do not connect the USB storage device which was artificially maneuvered on the PC. The device may cause the product to malfunction or fail to be played. Never forget to use only a USB storage device which has normal music files or image files.
- Please use only a USB storage device which was formatted as a FAT or a NTFS file system provided with the Windows operating system. In case of a storage device formatted as a different utility program which is not supported by Windows, it may not be recognized.
- In case of a hard disk drive (HDD) formatted as NTFS, writing and deletion are not allowable.
- Please connect power to a USB storage device which requires an external power supply. If not, the device may not be recognized.
- Please connect a USB storage device with cable is offered by USB maker. If connected with cable is not offered by USB maker or an excessively long cable, the device may not be recognized.
- Some USB storage devices may not be supported or operated smoothly.
- If the name of a folder or file is too long, it will not be displayed or recognized.

PHOTO LIST

It's available to playback the photo file(*.jpg) in the USB device.

The On Screen Display may be different from your set. Images are an example to assist with the TV operation.

Screen Components

1. Usable USB memory
2. Current page/Total pages
3. Total number of marked thumbnail photos
4. Corresponding buttons on the remote control

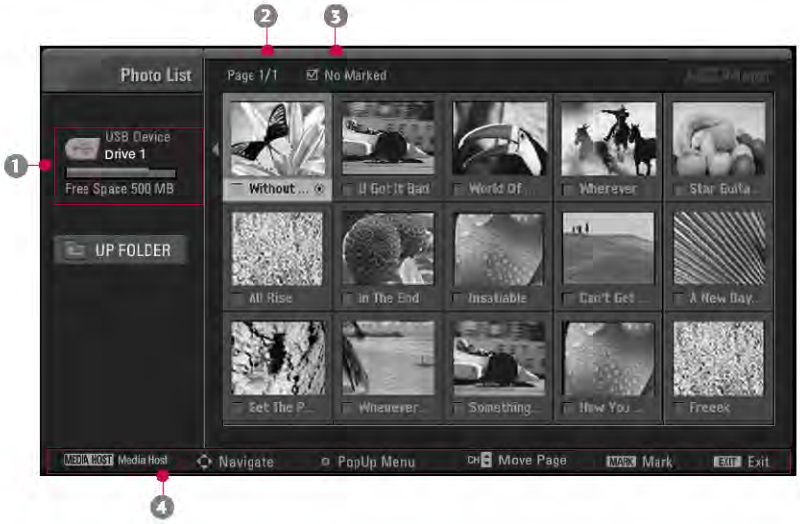


Photo Selection and PopUp Menu

As shown, up to 15 thumbnail photos are listed per page.

1 2

3

1 Use the CH ▲ or ▼ button to navigate in the thumbnail photo page.

2 Use the **MARK** button to mark or unmark a photo. When one or more photos are marked, you can view individual photos or a slide show of the marked photos. If no photos are marked, you can view all photos individually or all photos in the folder in a slide show.

3 Use ▲ ▼ ◀ ▶ button to navigate the appropriate thumbnail photos, then press the **ENTER** button to show the PopUp menu.

- **View** : Display the selected item.
- **Mark All** : Mark all photos on the screen.
- **Delete** : Delete the selected photo item.
- **Cancel** : Close the pop-up menu.

4 Repeatedly, press **EXIT** button to return to TV viewing or press the MEDIA HOST button to return to the Media Host menu.

Set up the menu in Full-Sized Screen

You can change the settings to display photos stored on a USB device, on a full-sized screen.

Detailed operations are available on full-sized photo view screen.

1 2 3

1. Use the CH ▲ or ▼ button to navigate the thumbnail photo page.

2. Use ▲ ▼ ◄ ► button to navigate the appropriate thumbnail photos, then press the ENTER button to show the PopUp menu.

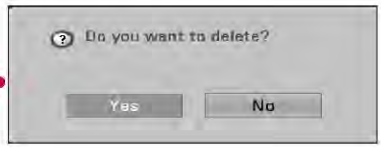
3. Use ▲ ▼ button to Move to the **View** menu, then press the ENTER button.

4. The selected photo is displayed in full size.

- **Slide Show** : When no picture is selected, all photos in the current folder are displayed during slide show. When selected, the selected photos are displayed during slide show. To start slide show, press ENTER button on Slideshow .
  - Set the time interval of the slide show in **Option**.
  - A slide show continues for a maximum of 4 hours. After 4 hours, the slide show will end and go to TV mode or external input mode.
- **BGM** : Listen to music while viewing photos in full size. To start BGM, press ENTER button on BGM .
  - Set the BGM device and album in **Option**.
- **(Rotate)** : Rotate photos.
  - Rotates the photo 90°, 180°, 270°, 360° clockwise upon ENTER button on **(Rotate)**.
- **Delete** : Delete photos. Use◄ or ► button to select **Delete** and press ENTER button.

The aspect ratio of a photo may change the size of the photo displayed on the screen in full size.

4



- **Option** : Set values for **Slide Speed** and **Music folder**. Use ◀ or ▶button to select **Option** and press ENTER button.
  - Use ◀ or ▶ button and ENTER button to set values. Then go to Enter and press ENTER to save the settings.
  - You cannot change **Music Folder** while BGM is playing.
- **Hide** : Hide the menu on the full-sized screen. Use ◀ or ▶ button to select **Hide** and press ENTER button.
  - To see the menu again on the full-sized screen, press ENTER button to display.

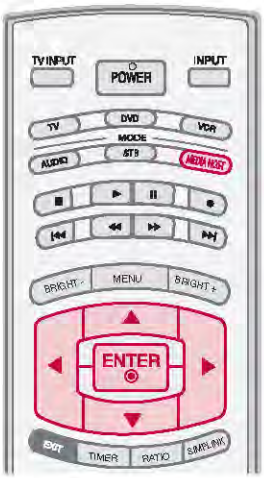
5 Use ▲ ▼ ◀ ▶ button to select the previous or next photo.

Use ▲ ▼ ◀ ▶ button to select and control the menu on the full-sized screen.

6 Use EXIT button to go back to the photo list from the full-sized screen.

7 Repeatedly, press EXIT button to return to TV viewing or press MEDIA HOST button to return to the Media Host menu.

MUSIC LIST



Purchased music files(*.MP3) may contain copyright restrictions.
Playback of these files may not be supported by this model.
Music file on your USB device can be played by this unit.

The On Screen Display may be different from your set. Images are an example to assist with the TV operation.

Screen Components

❶ Usable USB memory

❷ Current page/Total pages
❸ Total number of marked musics
❹ Current playing time/Total playing time
❺ Corresponding buttons on the remote control

Music Selection and PopUp Menu

As shown , up to 8 music titles are listed per page.

1 2 3

1. Use the CH ▲ or ▼ button to navigate in the music titles page.

2. Use **MARK** button to mark or unmark a music. When one or more music files are marked, the marked musics will be played in sequence. For example, if you want to listen to only one music repeatedly, just mark the music only and play it. If no music is marked, all the music in the folder will be played in sequence.

3. Use ▲ ▼ button to navigate the appropriate musics, then press the **ENTER** button to show up the pop-up menu.

   - **Play** (During stop) : Play the selected musics.
     Once a music finishes playing, the next selected one will be played. When there are no selected musics to play, the next one in the current folder will be played. If you go to a different folder and press the **ENTER** button, the current music in play-back will stop.
   - **Stop Play** (During playback) : Stop the playing musics.
   - **Play With Photo** : Start playing the selected musics and then move to the Photo List.
   - **Mark All** : Mark all musics in the folder.
   - **Delete** : Delete the selected musics.
   - **Cancel** : Close the pop-up menu.

4. Repeatedly, press **EXIT** button to return to TV viewing or press MEDIA HOST button to return to the Media Host menu.

■ If you don't press any button for a while during the playing, the play information box (as shown in the below) will float as a screen saver.

■ The 'Screen Saver'?

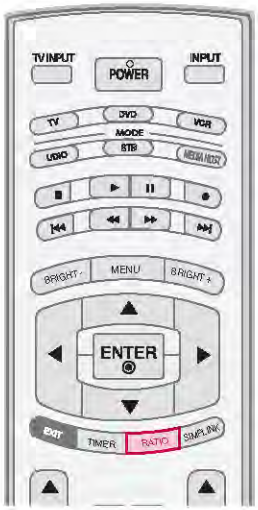
Screen saver is to prevent screen pixel damage due to an fixed image remaining on the screen for a extended period of time.

NOTE

- When music is playing, ♪ is displayed in front of the music title.
- A damaged or corrupted music does not play but displays 00:00 in playtime.
- A music downloaded from a paid service with copyright protection does not start but displays inappropriate information in playtime.
- If you press **ENTER**, ■, **EXIT** buttons, screen saver is stopped.
- The ▶, ■, ■, ⏮, ⏭ buttons on the remote control are also available in this mode.

PICTURE CONTROL

PICTURE SIZE (ASPECT RATIO)CONTROL



This feature lets you choose the way an analog picture with a 4:3 aspect ratio is displayed on your TV. When you receive an analog picture with a 4:3 aspect ratio on your 16:9 TV, you need to specify how the picture is to be displayed.

- RGB-PC input source use 4:3 or 16:9 aspect ratio.

1 You can also adjust **Aspect Ratio** in the **PICTURE** menu.

Set by program

Selects the proper picture proportion to match the source's image.

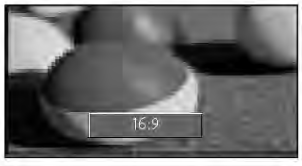
(4:3→4:3) (16:9→16:9)

4:3

Choose 4:3 when you want to view a picture with an original 4:3 aspect ratio.

16:9

Adjust the picture horizontally, in a linear proportion to fill the entire screen.



Zoom 1

Choose Zoom 1 when you want to view the picture without any alteration. However, the top and bottom portions of the picture will be cropped.

Zoom 2

Choose Zoom 2 when you want the picture to be altered, both vertically extended and cropped. The picture taking a halfway trade off between alteration and screen coverage.

PRESET PICTURE SETTINGS

Picture Mode -Preset

Picture Mode adjusts the TV for the best picture appearance. Select the preset value in the Picture Mode menu based on the program category.

Intelligent Eye, Dynamic, Standard, Mild Settings are preset for optimum picture quality at the factory and are not adjustable.

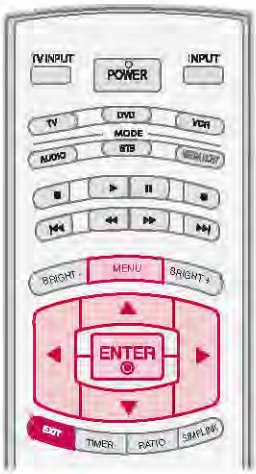
In the **User 1**, and **User 2** modes only, user can directly adjust the contrast, brightness, color, sharpness, tint.

1. Press the **PICTURE** button repeatedly to select the picture appearance setup option as shown below : **Intelligent Eye, Dynamic, Standard, Mild, User1**, and **User2** (your own settings).

2. Press the **EXIT** button to save and return to TV viewing.

■ You can also use the **PICTURE** menu to adjust Picture Mode.

PICTURE CONTROL



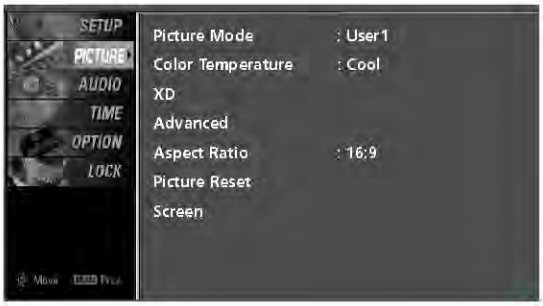
Color Tone -Preset

Choose one of three automatic color adjustments. Set to warm to enhance hotter colors such as red, or set to cool to see less intense colors with more blue.

When selecting Picture Mode options (Dynamic, Standard and Mild), **Color Temperature** is automatically change.

When selecting Picture Mode options (User 1 and User 2), you can choose the **Color Temperature**.

1. Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.
2. Press the ▶ button and then use ▲ or ▼ button to select **Color Temperature**.
3. Press the ▶ button and then use ▲ or ▼ button to select either **Cool, Medium, Warm** or **User**.
4. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



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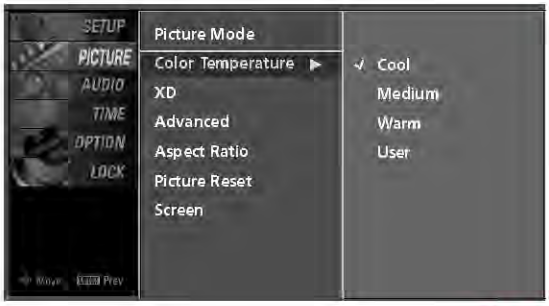
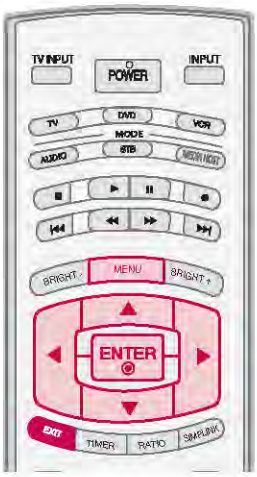


2 3

MANUAL PICTURE ADJUSTMENT

Picture Mode -User Mode

Adjust the picture appearance to suit your preference and viewing situations.



1 Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.

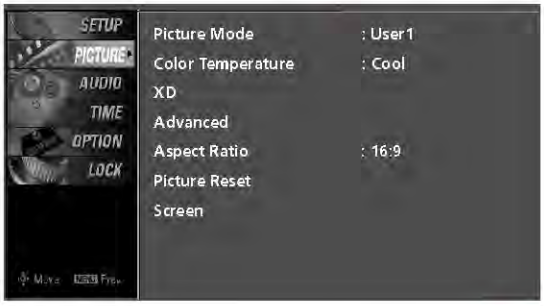
2 Press the ▶ button and then use ▲ or ▼ button to select **Picture Mode**.

3 Press the ▶ button and then use ▲ or ▼ button to select **User 1** or **User 2**.

4 Press the ▶ button and then use ▲ or ▼ button to select the desired picture option **(Contrast, Brightness, Color, Sharpness, or Tint)**.

5 Press the ▶ button and then use ◀ or ▶ button to make appropriate adjustments.

6 Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



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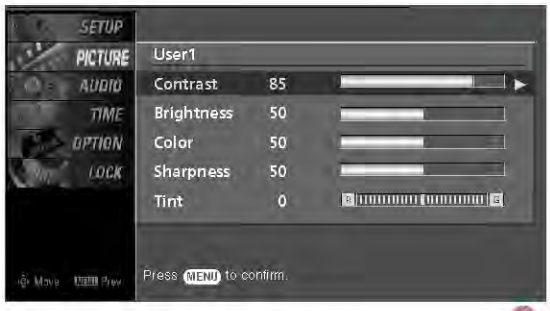

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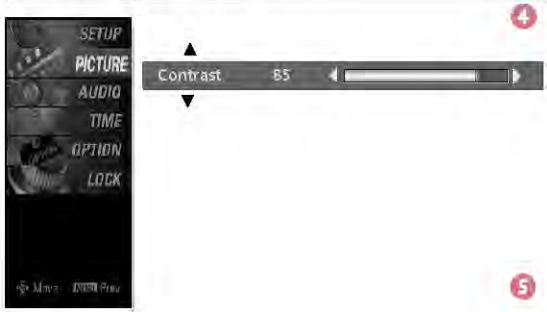

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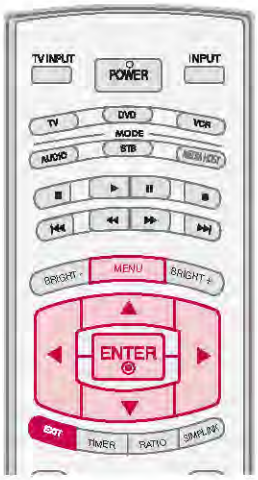
Color Tone -User Mode

You can also adjust the detailed settings(Red, Green, Blue) by selecting the User menu.

This feature operate only if the picture mode set User 1 or User 2.



1. Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **Color Temperature**.

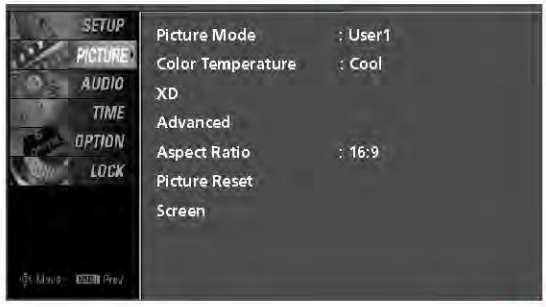
3. Press the ▶ button and then use ▲ or ▼ button to select **User**.

4. Press the ▶ button and then use ▲ or ▼ button to select **Red**, **Green**, or **Blue**.

5. Press the ▶ button and then use ◀ or ▶ button to make appropriate adjustments.

   ■ The adjustment range of **Red**, **Green**, or **Blue** is -20~ +20.

6. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



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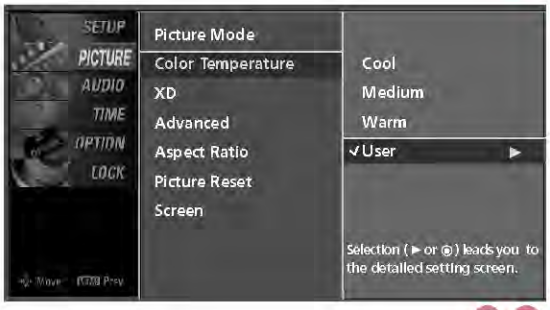

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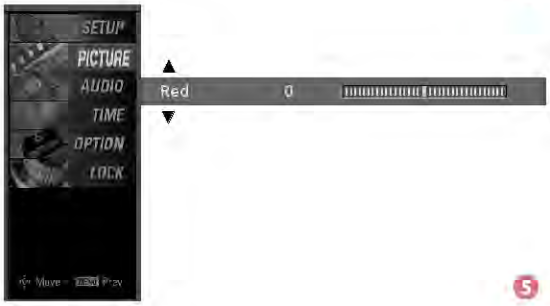


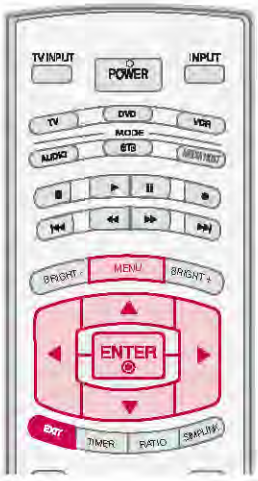
5

XD - PICTURE IMPROVEMENT TECHNOLOGY

XD is LG Electronics unique picture improving technology to display a real HD source through an digital signal processing algorithm.

When selecting Picture Mode options (Dynamic, Standard and Mild), XD is automatically change to Auto.

When selecting Picture Mode options (User 1 and User 2), you can choose the Auto / Manual and when selecting Manual, you can adjust the XD Contrast, XD color and XD Noise.



1 Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.

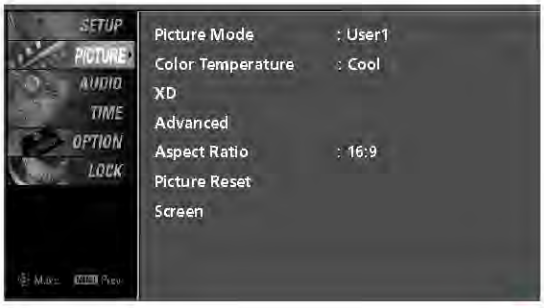
2 Press the ► button and then use ▲ or ▼ button to select **XD**.

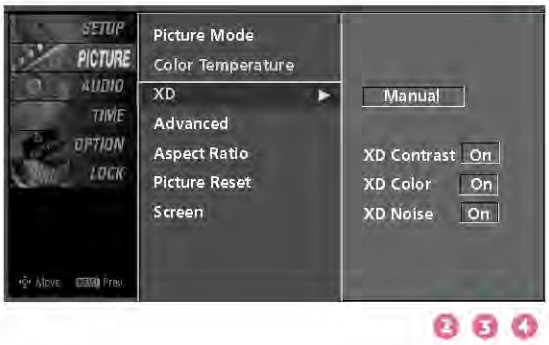
3 Press the ► button and then use ◄ or ► button to select **Auto** or **Manual**.

*** Selecting the Manual**

1. Press the ▼ button and then use ▲ or ▼ button to select **XD Contrast, XD Color** or **XD Noise**.
   - **XD Contrast** : Optimizing the contrast automatically according to the brightness of the reflection.
   - **XD Color** : Adjusting the colors of the reflection automatically to reproduce as closely as possible to the natural colors.
   - **XD Noise** : Removing the noise up to the point where it does not damage the original picture.
2. Use the ◄ or ► button to select **On** or **Off**.

4 Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



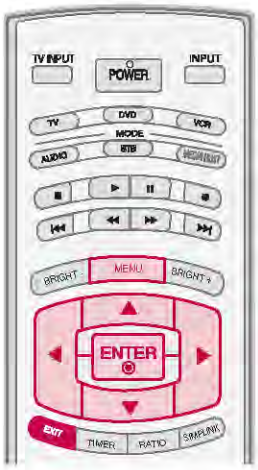


ADVANCED -CINEMA 3:2 PULLDOWN MODE

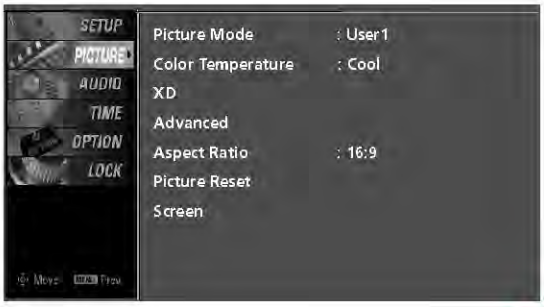
Set up the TV for the best picture appearance for viewing movies.

This feature is disable only in RGB-PC, HDMI1, HDMI2, HDMI3 or Component1,2(except 480i) mode.

When you operate Cinema (3:2 Pull-Down Mode or Cinema Correction Mode), the TV will adjust 24 fps video from movies to 30 fps video for display (This function is only available in TV(Analog, DTV), AV1, AV2, Component 480i mode.)



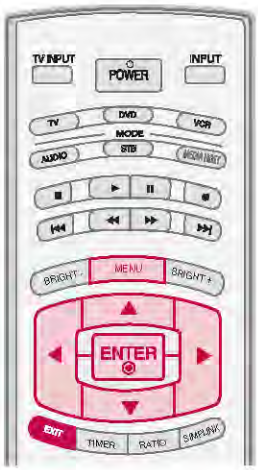
1. Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.
2. Press the ► button and then use ▲ or ▼ button to select **Advanced**.
3. Press the ► button and then use ▲ or ▼ button to select **Cinema 3:2 Mode**.
4. Press the ► button and then use ◄ or ► button to select **On** or **Off**.
5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



ADVANCED-BLACK(DARKNESS) LEVEL

Adjusting the contrast and the brightness of the screen using the black level of the screen.

This feature operates only in HDMI1, HDMI2, HDMI3 or AV1, AV2 mode.



1 Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.

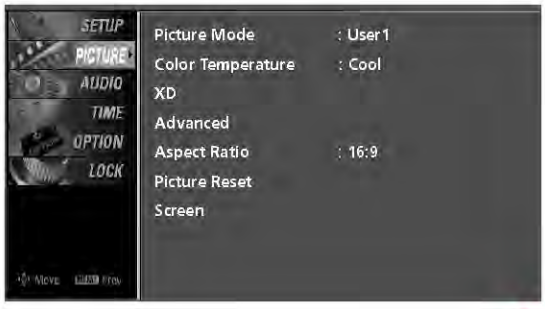
2 Press the ▶ button and then use ▲ or ▼ button to select **Advanced**.

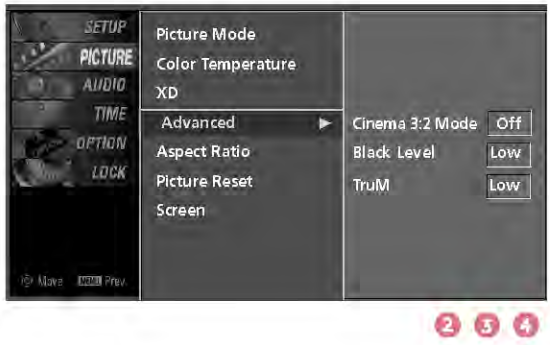
3 Press the ▶ button and then use ▲ or ▼ button to select **Black level**.

4 Press the ▶ button and then use ◀ or ▶ button to select **Low**, or **High**.

- **Low**
  The reflection of the screen gets darker.
- **High**
  The reflection of the screen gets brighter.

5 Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



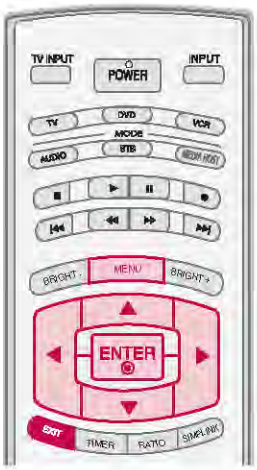


ADVANCED-TRUM
(Only 32/37/42LB4D models)

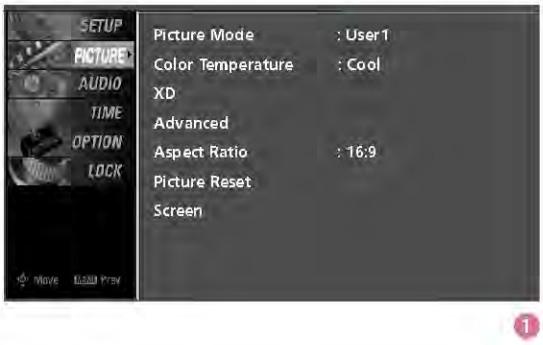
Set up the TV for best picture with film judder cancellation that provides stunningly steady movements.

This feature is disable in RGB-PC, HDMI-PC mode.

And when HDMI is set to the PC in Input Label, TruM is also disable.



1. Press the MENU button and then use ▲ or ▼ button to select the PICTURE menu.



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2. Press the ▶ button and then use ▲ or ▼ button to select **Advanced**.

3. Press the ▶ button and then use ▲ or ▼ button to select **TruM**.

4. Press the ▶ button and then use ◀ or ▶ button to select **Off**, **Low**, or **High**.

2 3 4

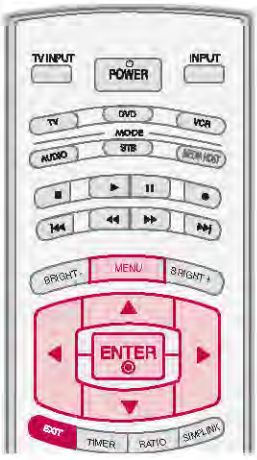
- **Low**
  Set amount of film judder to low.
- **High**
  Set amount of film judder to high.

* If you have some problem in viewing picture, set **TruM** to **Low** or **Off**.

5. Press EXIT button to return to TV viewing or press MENU button to return to the previous menu.

PICTURE RESET

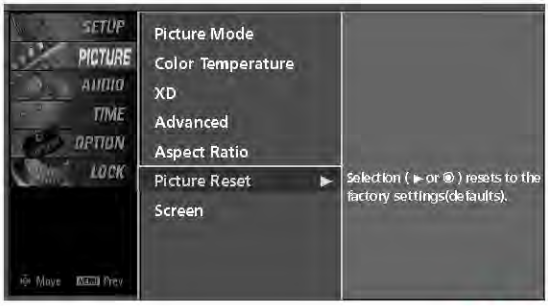
Use to quickly reset all the Picture menu options to their original factory preset values.



1. Press the **MENU** button and then use ▲ or ▼ button to select the **PICTURE** menu.

2. Press the ► button and then use ▲ or ▼ button to select **Picture Reset**.

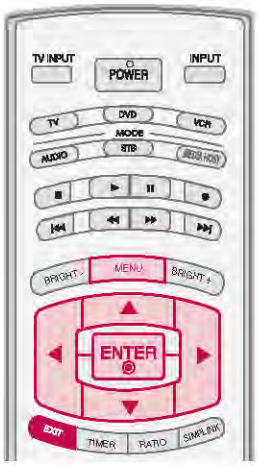
3. Press the ► button to reset the Picture menu options to original values.



SOUND & LANGUAGE CONTROL

AUTO VOLUME LEVELER(AUTO VOLUME)

Scans for changes in sound levels during commercials, then adjusts the sound to match the specified audio level. Auto Volume makes sure that the volume level remains consistent whether you are watching a commercial or a regular TV program.

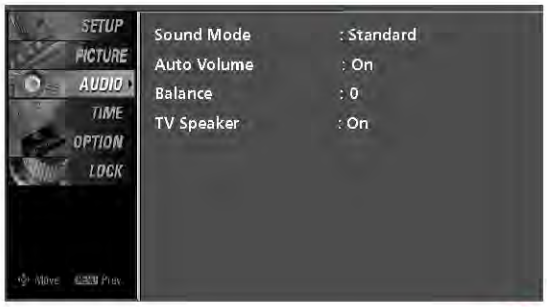


1. Press the **MENU** button and then use ▲ or ▼ button to select the **AUDIO** menu.

2. Press the ► button and then use ▲ or ▼ button to select **Auto Volume**.

3. Press the ► button and then use ▲ or ▼ button to select **On** or **Off**.

4. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



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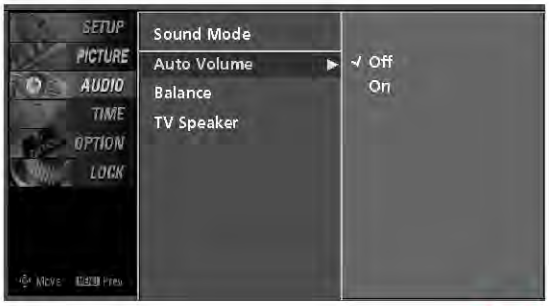

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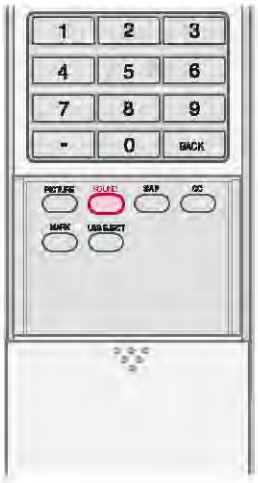
PRESET SOUND SETTINGS (Sound Mode)



Sound Mode lets you enjoy the best sound without any special adjustment because the TV sets the appropriate sound options based on the program content.

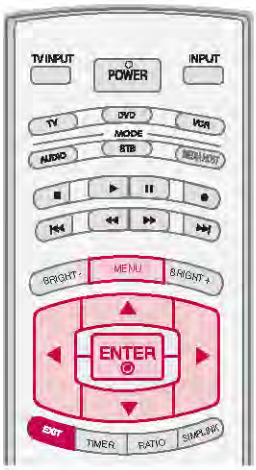
Standard, Music, Movie, Sports and User are preset for good sound quality at the factory and are not adjustable.

1. Press the **SOUND** button repeatedly to select the appropriate sound setup as shown below :
   Standard, Music, Movie, Sports and **User** (your own settings).

2. Press **EXIT** button to return to TV viewing .

■ You can also adjust Sound Mode in the **AUDIO** menu.

SOUND SETTING ADJUSTMENT-USER MODE



Adjust the sound to suit your taste and room situations.

1. Press the **MENU** button and then use ▲ or ▼ button to select the **AUDIO** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **Sound Mode**.

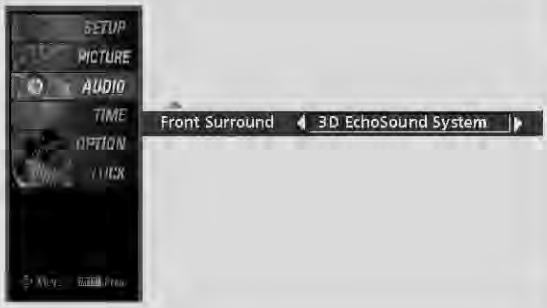
3. Press the ▶ button and then use ▲ or ▼ button to select **User**.

4. Press the ▶ button and then use ▲ or ▼ button to select the desired sound option (**Treble, Bass** , or **Front Surround**).

5 Press the ▶ button and then use ◀ or ▶ button to make appropriate adjustments.

*** Selecting the Front Surround**

Press the ▶ button and then use ◀ or ▶ button to select **Off, 3D EchoSound System** or **SRS** (Sound Retrieval System)**TruSurround XT** .



6 Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

SRS TruSurround XT

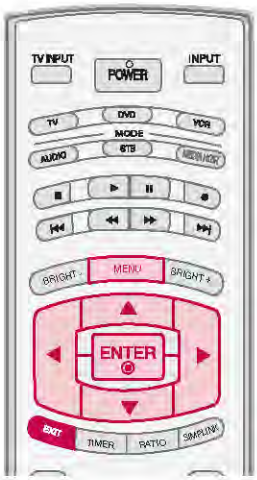
Takes advantage of any multi-channel format without needing to add extra speakers or equipment. Dialog clarity, bass enrichment, and the addition of stereo audio enhancement produces an immersive sound experience from standard stereo material.

3D EchoSound System

Creates a stunning simulated stereo effect from any mono sound and a realistic three-dimensional sound with a very wide and deep sound stage.

BALANCE

Adjust the left/right sound of speaker to suit your taste and room situations.

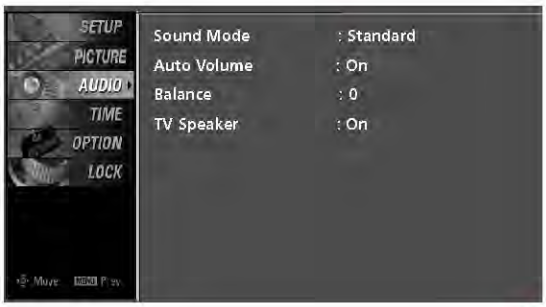


1. Press the MENU button and then use ▲ or ▼ button to select the **AUDIO** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **Balance**.

3. Press the ▶ button and then use ◀ or ▶ button to make appropriate adjustments.

4. Press EXIT button to return to TV viewing or press MENU button to return to the previous menu.



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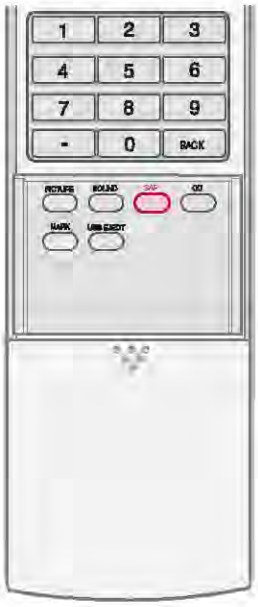
STEREO/SAP BROADCAST SETUP



This TV can receive MTS stereo programs and any SAP (Secondary Audio Program) that accompanies the stereo program if the station transmits an additional sound signal as well as the original one and when you select Stereo or SAP on the remote control.

Mono sound is automatically received if the broadcast is only in Mono; even though Stereo or SAP has been selected.

Select Mono if you want to listen to the mono sound in remote areas during stereo/SAP broadcasting.

Stereo or SAP can be received in Analog channel.

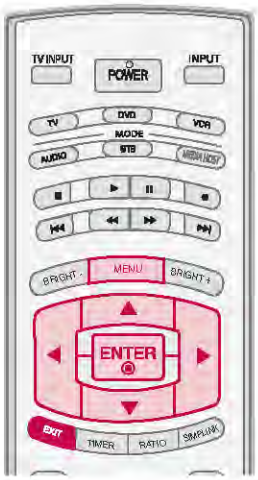
1. Use the SAP button to select your desired MTS mode in analog signal. Each time you press the SAP button, Mono, Stereo, or SAP appear in turn.

   - If other languages available on the digital signal, select them with the SAP button.

2. Press EXIT button to save and return to TV viewing.

TV SPEAKERS ON/OFF SETUP

Turn the TV speakers off if using external audio equipment.
Feature turns the TV Speakers option On or Off.

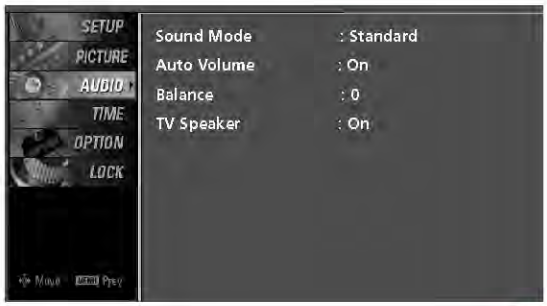


1. Press the MENU button and then use ▲ or ▼ button to select the **AUDIO** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **TV Speaker**.

3. Press the ▶ button and then use ▲ or ▼ button to select **On** or **Off**.

4. Press EXIT button to return to TV viewing or press MENU button to return to the previous menu.



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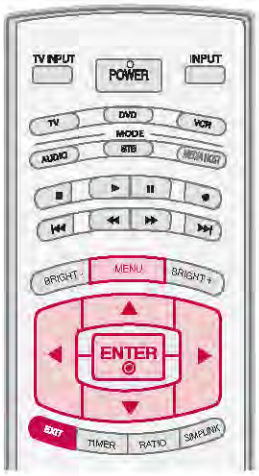
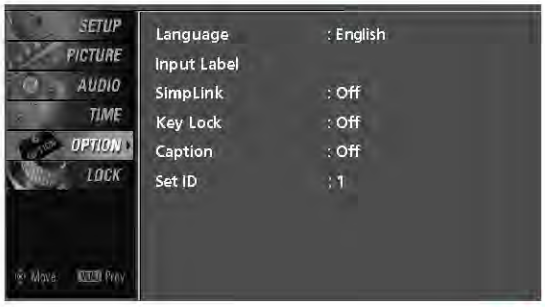
AUDIO LANGUAGE

Other languages may be available if a digital signal is provided by the broadcasting station.

This feature operate only in DTV/CADTV mode.



1. Press the **MENU** button and then use ▲ or ▼ button to select the **OPTION** menu.



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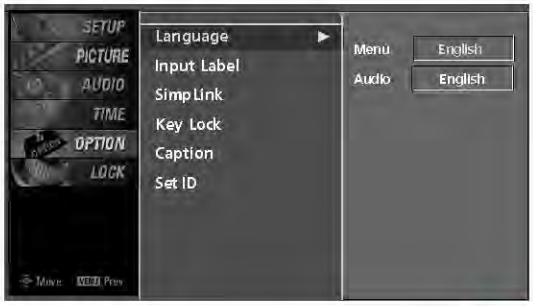
2. Press the ▶ button and then use ▲ or ▼ button to select **Language**.

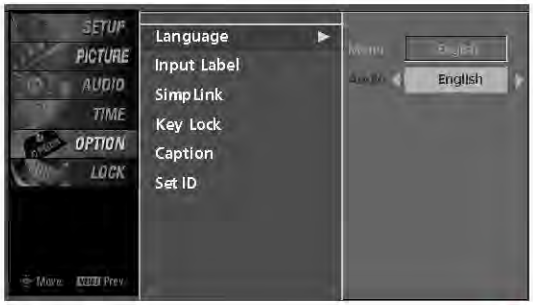
3. Press the ▶ button and then use ▲ or ▼ button to select **Audio**.

4. Press the ▶ button and then use ◀ or ▶ button to select : English, Spanish, or French.



2 3

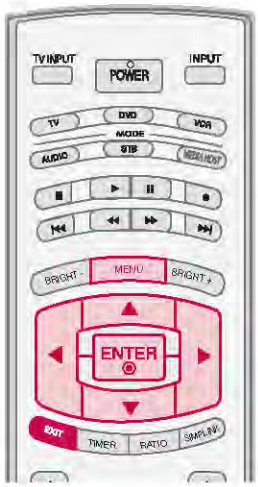
5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



4

ON-SCREEN MENUS LANGUAGE SELECTION

The menus can be shown on the screen in the selected language. First select your language.



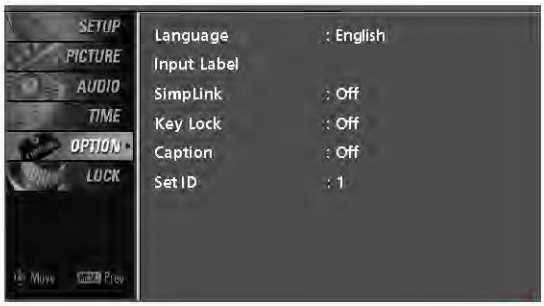
1. Press the **MENU** button and then use ▲ or ▼ button to select the **OPTION** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **Language**.

3. Press the ▶ button and then use ▲ or ▼ button to select **Menu**.

4. Press the ▶ button and then use ◀ or ▶ button to select your desired language.
   From this point on, the on-screen menus will be shown in the selected language.

5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.



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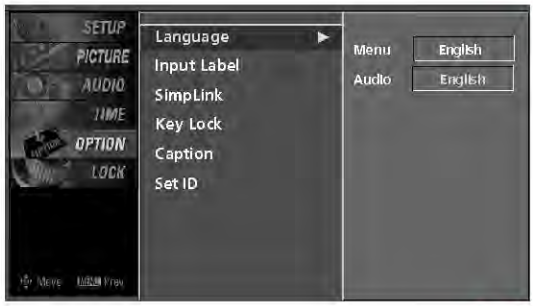
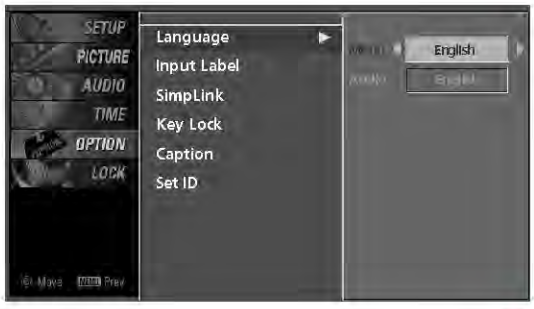


2 3



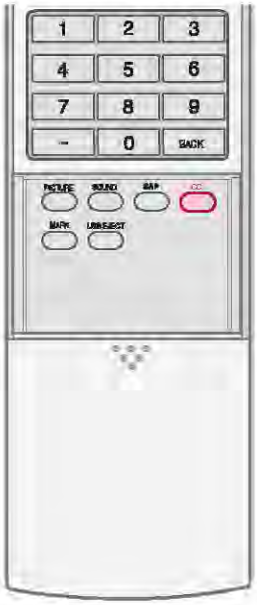
4

CAPTION MODE

Caption must be provided to help people with hearing loss watch TV.

1. Press the **MENU** button and then use ▲ or ▼ button to select the **OPTION** menu.
2. Press the ► button and then use ▲ or ▼ button to select **Caption**.
3. Press the ► button and then use ▲ or ▼ button to select **Mode**.
4. Use ◄ or ► button to select **On** or **Off**.
   - When selecting **Off**, Submenus for Analog, DTV, and Digital Option become disabled.

Analog Broadcasting System Captions



Select a caption mode for displaying captioning information if provided on a program. Analog caption displays information at any position on the screen and is usually the program's dialog.

Caption/Text, if provided by the broadcaster, would be available for both digital and analog channels on the Antenna/Cable.

- **CAPTION**

The term for the words that scroll across the bottom of the TV screen; usually the audio portion of the program provided for the hearing impaired.

- **TEXT**

The term for the words that appear in a large black frame and almost cover the entire screen; usually messages provided by the broadcaster.

This TV is programmed to memorize the caption/text mode which was last set when you turn the power off.

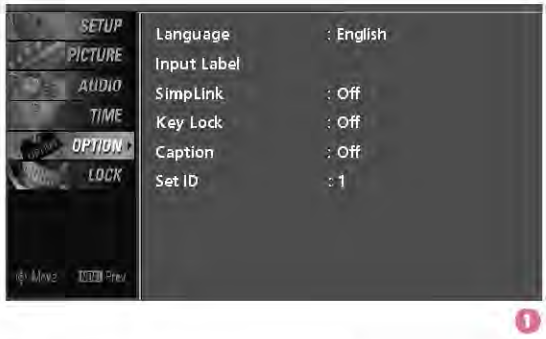
- Using the **CC** button

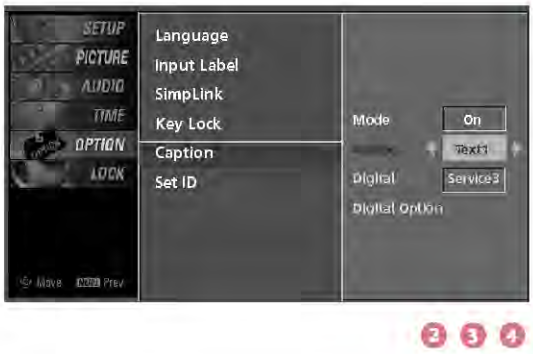
1. Use the **CC** button repeatedly to select Caption **On** or **Off**.
2. Press **EXIT** button to save and return to TV viewing.

SOUND & LANGUAGE CONTROL

■ Using the **MENU** button
This function is only available when **Caption** Mode is set **On**.

1. Press the **MENU** button and then use ▲ or ▼ button to select the **OPTION** menu.
2. Press the ► button and then use ▲ or ▼ button to select **Caption**.
3. Press the ► button and then use ▲ or ▼ button to select **Analog**.
4. Press the ► button and then use ◄ or ► button to select: **CC1~ CC4** , **Text1~ Text4**.
5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

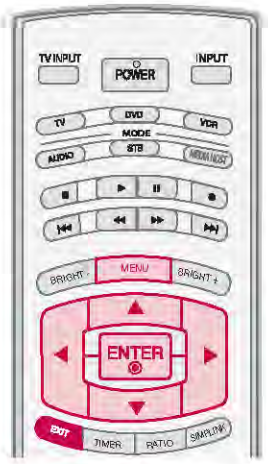


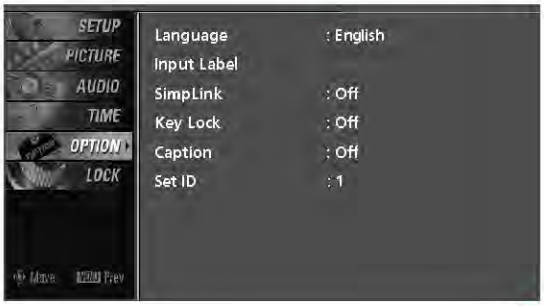


Digital Broadcasting System Captions

Choose the language you want the DTV/CADTV Captions to appear in.

This function is only available when **Caption** Mode is set **On**.





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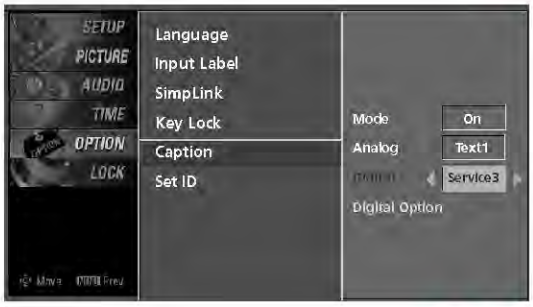


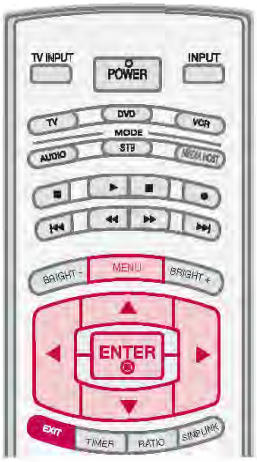
2 3 4

1. Press the **MENU** button and then use ▲ or ▼ button to select the **OPTION** menu.
2. Press the ► button and then use ▲ or ▼ button to select **Caption**.
3. Press the ► button and then use ▲ or ▼ button to select **Digital**.
4. Press the ► button and then use ◄ or ► button to select: **Service1 ~ Service6**.
5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

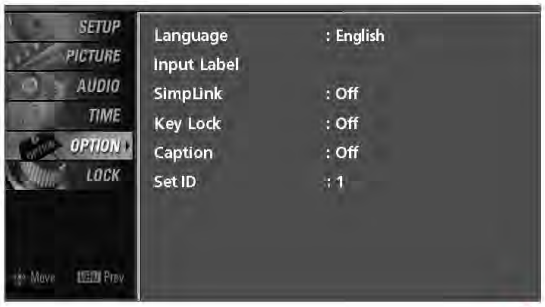
Caption Option

Customize the DTV/CADTV captions that appear on your screen.

This function is only available when **Caption** Mode is set **On**.



1. Press the MENU button and then use ▲ or ▼ button to select the **OPTION** menu.



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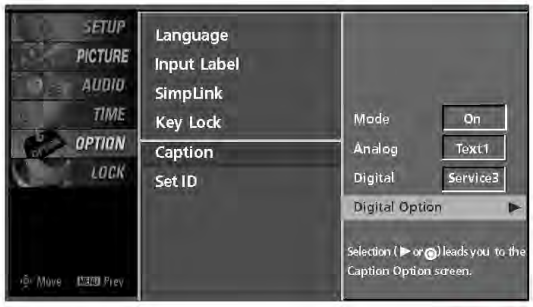
2. Press the ▶ button and then use ▲ or ▼ button to select **Caption**.

3. Press the ▶ button and then use ▲ or ▼ button to select **Digital Option**.

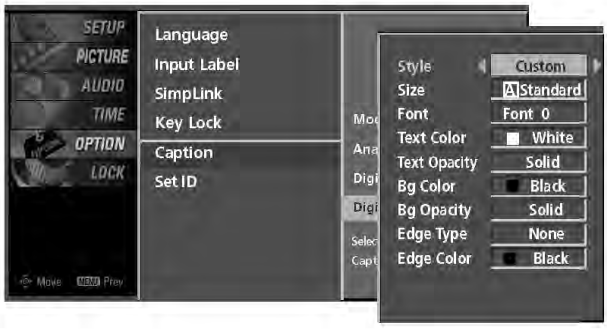
4. Press the ▶ button and then use ◀ or ▶ button to select **Custom**.



2 3

5. Use ▲ or ▼ button to customize the Style, Font, etc., to your preference.
   A preview icon is provided at the bottom of the screen, use it to see the caption language.

   - **Size:** Set the size the words will appear in.
   - **Font:** Select a typeface for the words.
   - **Text Color:** Choose a color for the text.
   - **Text Opacity:** Specify the opacity for the text color.
   - **Bg (Background)Color:** Select a background color.
   - **Bg (Background)Opacity:** Select the opacity for the background color.
   - **Edge Type:** Select an edge type.
   - **Edge Color:** Select a color for the edges.



4 5

6. Press EXIT button to return to TV viewing or press MENU button to return to the previous menu.

TIME SETTING

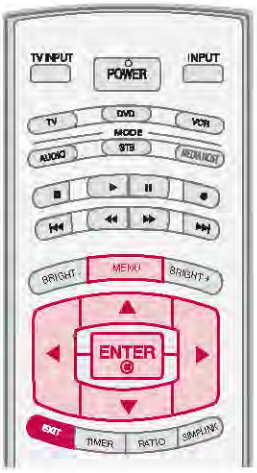
CLOCK SETTING

Auto Clock Setup

The time is set automatically from a digital channel signal.

The digital channel signal includes information for the current time provided by the broadcasting station.

Set the clock manually if the current time is set incorrectly by the auto clock function.



1. Press the **MENU** button and then use ▲ or ▼ button to select the **TIME** menu.

2. Press the ► button and then use ▲ or ▼ button to select **Clock**.

3. Press the ► button and then use ▲ or ▼ button to select **Auto**.

4. Press the ► button and then use ▲ or ▼ button to select your viewing area time zone :
   U.S.A : **Eastern**, **Central**, **Mountain**, **Pacific**, **Alaska** or **Hawaii**.
   Canada : **Eastern**, **Central**, **Mountain**, **Pacific**, **New F.land** or **Atlantic**.

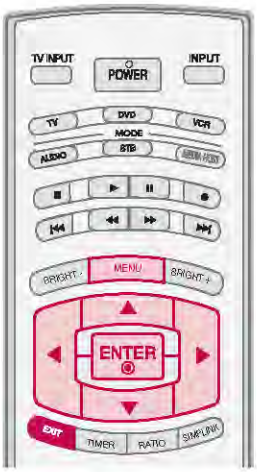
5. Press the ► button and then use ▲ or ▼ button to select **Auto**, **Off**, **On**, depending on whether or not your viewing area observes Daylight Saving time.

6. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

TIME SETTING

Manual Clock Setup

If the current time setting is wrong, reset the clock manually.



1. Press the **MENU** button and then use ▲ or ▼ button to select the **TIME** menu.

2. Press the ▶ button and then use ▲ or ▼ button to select **Clock**.

3. Press the ▶ button and then use ▲ or ▼ button to select **Manual**.

4. Press the ▶ button and then use ◀ or ▶ button to select either the year, date, or time option. Once selected, use the ▲ or ▼ button to set the year, date, and time options.

5. Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

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2 3