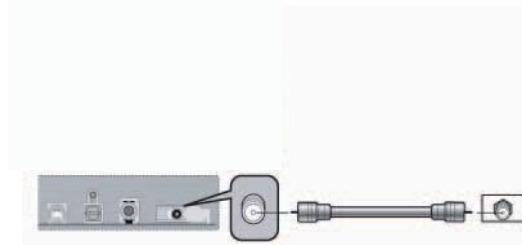


TV Function

Getting Started

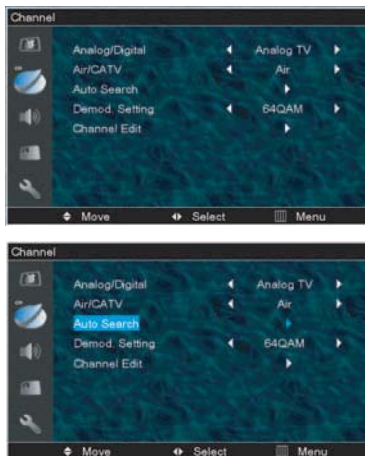


1. Plug the Power Cable into AC In on the back of the TV
(When you input power cord, LED turn on after 5~8 second.)
2. Press [Power] button on the Remote Controller or Front Panel of it.
3. Change Channel by pushing Channel +/- []/[] button or number keys on the Remote Controller.
4. Press `Volume +/- []/[]` to adjust volume level.
*The current source mode and the channel number are shown up in the top-right corner of the screen.
*Check the Antenna and Power Cable Connection if there is no display.

Channel Edit and Source Select

Scanning Channels (Automatic)

This will scan all the available TV Channels. Channel scan should be done before using this product.
*Before scanning, it is recommended to set the region you live because the scanning range of frequency can be different from its factory default.



1. Press MENU [] button on the remote control and navigate by pushing Channel []/[] button to select 'Channel' menu.
2. Press Volume + [] button to enter 'Channel Menu'.
3. Set your TV reception method among [Air/Cable/Hrc/Irc],
4. Push Channel []/[] button to select [] [Auto Search] and press Volume []/[] button again, and then the channels are searched automatically.
5. Press Channel []/[] button to display the scanned channels. Only scanned channels are on display.

Tip

To do channel search, set the TV reception method, such as 'Air', 'Cable STD', 'Cable Hrc' or 'Cable Irc'. All the available Digital (ATSC) and Analog (NTSC) TV channels are scanned in each TV reception method and stored after the channel scan. When you watch TV, the channel system is set DTV as a factory default and can be changed by pushing DTV/TV button on Remote Controller.

Tip

All the current stored channels will be deleted or replaced with new channel information after doing 'Auto Search'. However, this is only applicable when at least one new channel is scanned and stored. If it is terminated without any newly scanned channel, the previous channel information is kept.

TV Function

Channel Edit – Store or Delete the channels.

This explains how to store or delete channels manually.



1. Press Menu button and then Select [Channel] menu by manipulating Channel [/] button.
2. In this menu, select [Channel Edit] by pressing Channel [/] button.
3. Channel Edit menu will be up when you press Volume [/] button.

Tip

Channel Edit Mode manages Digital and Analog channels separately.
(For example, only available DTV channels will be displayed in DTV mode, no analog channels at all).
It is recommend setting the channel system (Analog/Digital) properly before you edit Channel.



(Digital TV Channel)



(Analog TV Channel)

*The right side of the menu is for the current available or stored channels. Before you watch TV, as mentioned, channel scan should be done.

To Store/Memorize a Channel

1. Press INFO (OK) [] button on the one you select and then input Channel Number.
2. Press INFO (OK) [] button again and the channel configurations will be stored.

To delete a Channel

1. Select the channel you would like to delete by manipulating Volume [/] or Channel [/] buttons on Remote Controller.
2. Press button to delete the selected one.

TV Function

Using Favorite (FAV) Channel Function

Favorite Channel Function is to ease channel change among your frequent watching or favorite channel by separately memorizing them in FAV.

To Register as Favorite Channel

1. Press Channel [] or Volume [] buttons to select the channel you would like to register in the available channel menu on the right side of display.
2. Press 'FAV' button on the selected one to register it as a favorite channel
3. The registered one is displayed in 'Favorite Channel', located at the bottom left of the display



(Digital TV Channel)



(Analog TV Channel)

- * After you finish favorite channel registration, by each pressing of FAV, you can change the channels between them.

Tip

FAV function manages Digital TV Channels and Analog ones separately. For instance, if [FAV] button is pressed under Digital TV System (DTV), only DTV channels that is preset channels are displayed. To use in Analog, press DTV/TV button on Remote Controller to change the mode to Analog and push [FAV] button.

TV Function

Displaying EPG (Electronic Program Guide)

EPG is available only when you watch Digital TV. EPG displays TV Programs with reference to a channel and time interval.



1. Press [EPG] button on the remote control during watching HD TV Program.
2. Press Direction buttons to navigate Programs with reference to each channel.
3. You can check the program schedule with reference to a channel and see program information by pushing [INFO][Ⓜ] button.

*Not all the programs have information in it. The program with information has information icon in EPG.

Viewing the Information

The information identifies the current channel and status of certain audio and video settings.



1. Press [INFO] [Ⓜ] button on the remote control during watching TV.
2. The TV will display the channel, the type of sound and status of certain audio/video settings.
3. The information screen automatically disappears after about ten seconds or manually by pushing [INFO] [Ⓜ] button again.

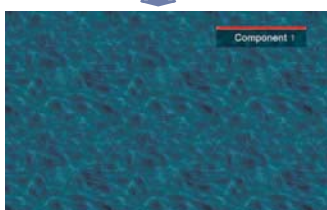
Tip

The information window will disappear about 10 seconds later.

TV Function

Changing the Input mode

This explains how to change and watch other Input Sources by pushing AV.SEL buttons.



1. Press [AV.SEL] button on the Remote control.
(S-VIDEO → AV1 → AV2 → Component 1 → Component 2)

2. You can change Input Source to be displayed every time you press the button.

* You can select TV, PC/HDMI Mode directly by pressing [TV/DTV] / [PC/HDMI] button on the remote control accordingly.

Tip

Concerning how to connect external devices, you can consult "Installation" section.

Viewing the Current Connected External Devices

This explains how to change and watch other Input Sources by pushing 'Source' button.



1. Press [SOURCE] button on the remote control. Then, all the available and availability of sources will appear.

2. Press Channel []/[] button and then push Enter [] button to change the input source.

*The Connected (Available) external devices or port is brightened with "Connected" message while deactivated ones are in gray and with "Not Connected" message.

Picture & Sound Configuration

Adjusting the Aspect Ratio

You can change the Aspect Ratio to 4:3, 14:9, Panorama and Wide.



Press [PIC.SIZE] button on the remote control. The Aspect Ratio is changed in turn as you press the button.

Wide → Panorama → Zoom → 4:3 → 14:9

To change the Aspect Ratio in On Screen Display Menu



1. Press MENU [MENU] button on the remote control.
2. Press Volume [VOL- / VOL+] button and select [Size] in 'Picture [Picture]' menu.
3. Adjusting the Picture mode by pressing Volume [VOL- / VOL+] button on the remote control.
4. When configuration is done, press MENU [MENU] button to save the changes and exit.

Tip

Wide	Convert display ratio to 16:9
Panorama	Panorama Mode
Zoom	Zooming the original Image twice big (Press Channel [CH- / CH+] button to move the center position of picture.)
4:3	Convert display ratio to 4:3
14:9	Convert display ratio to 14:9

Picture & Sound Configuration

Changing the Preset Picture Mode

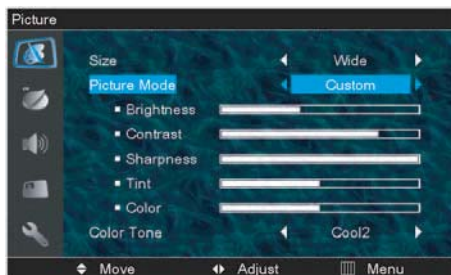
Your TV has several factory presets which allow you to control the picture.



Press [PIC.MODE] button on the remote control. The picture mode is changed as you press the button.

Custom → Dynamic → Standard → Movie → Mild

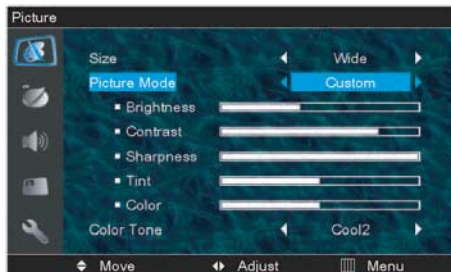
To change the Picture Mode in On the Menu



1. Press MENU [MENU] button on the remote control.
2. Press Channel [CH] button to select '[Picture]' [P] menu and push Volume [V] button.
3. In [Picture] menu, select [Picture Mode] with Channel [CH] button.
4. Change the Picture mode by pressing Volume [V] button.
5. When configuration is done, press MENU [MENU] button to save the changes and exit.

Customizing the Picture

You can adjust Brightness, Contrast, Sharpness or the depth of Color.

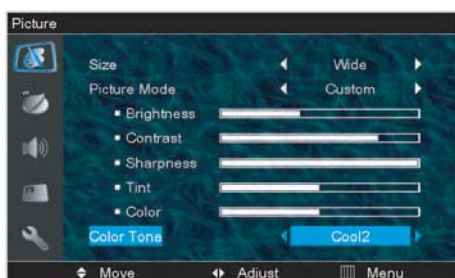


1. Press MENU [MENU] button on the remote control.
2. Press Channel [CH] button to select '[Picture]' [P] menu and push Volume [V] button.
3. In [Picture] menu, select [Picture Mode] with Channel [CH] button and manipulating Volume [V] button to until "Custom" appears.
4. Use Channel [CH] button to select among Brightness, Contrast, Sharpness, Tint and Color and then adjust the values with Volume [V] button.
5. When configuration is done, press MENU [MENU] button to save the changes and exit.

Picture & Sound Configuration

Adjusting the Color Tone

This explains how to change the tone of the screen.



1. Press MENU [MENU] button on the remote control.
2. Press Channel [CH/TV] button to select '[Picture]' [P] menu and push Volume [VOLUME] button.
3. In [Picture] menu, select [Color Tone] with Channel [CH/TV] button
4. Change [Color Tone] Preset with Volume [VOLUME] button
(Normal → Warm1 → Warm 2 → Cool2 → Cool1)

Changing the Preset Sound Mode

This TV set offers five sound modes (Custom, Standard, Music, Movie, Speech).



Press [S.MODE] button on the remote control. The mode is changed one by one every time you press it.

(Custom → Standard → Music → Movie → Speech)

To Change the Sound Mode in On Screen Display Menu

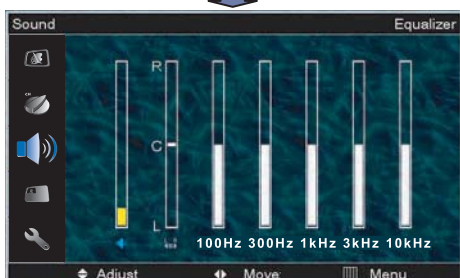
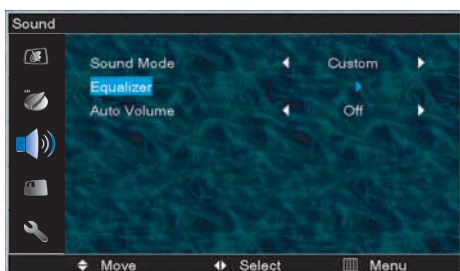















1. Press MENU [MENU] button on the remote control.
2. Press Channel [CH/TV] button to select '[Sound]' [S] menu and push Volume [VOLUME] button.
3. In [Sound] menu, select [Sound Mode] with Channel [CH/TV] button.
4. Change the Sound Mode by pressing Volume [VOLUME] button.
5. When configuration is done, press MENU [MENU] button to save the changes and exit.

Picture & Sound Configuration

Adjusting the Equalizer

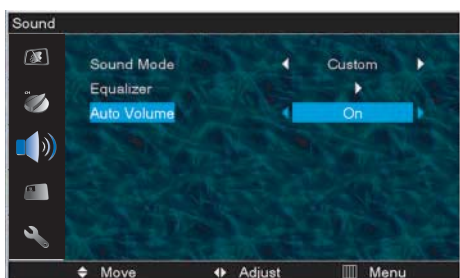
This explains how to set and adjust equalizer.













1. Press MENU [] button on the remote control.
2. Press Channel [ / ] button to select '[Sound]' [] menu and push Volume [] button.
3. In [Sound] menu, select [Equalizer] with Channel [ / ] button and push Volume [] button.
4. Select the Frequency to be set by pressing Volume [ / ] button.
5. Adjust the level properly by pressing Channel [ / ] button.
6. When configuration is done, press MENU [] button to save the changes and exit.

Automatic Volume Level Control

Auto Volume normalizes the different sound volume level that can be different in broadcast station. This lets you have adjusted mean value of volume level per channel.



1. Press MENU [] on the remote control
2. Press Channel [ / ] button to select '[Sound]' [] menu and push Volume [] button.
3. Press Channel [ / ] button to select [Auto Volume].
4. Push Volume [ / ] button until [Auto Volume] is "On".
5. When configuration is done, press MENU [] button to save the changes and exit.

Picture & Sound Configuration

Setting MTS (Multi Track Sound) Mode

You can adjust the Stereo or MTS function manually.



1. Press [MTS] button on the remote control.

▶ Stereo / Mono

You can select between 'Stereo' and 'Mono' when the Stereo broadcasting is received.

- Stereo: Two speakers out (2 Channels, Left/Right) and the different sound per channel.
- Mono: Two speakers out but both channel has the same signal (the identical sound).

▶ Separate Audio Program

You can select the Dual I-II which is 'Main sound', 'Sub sound' or 'Main+Sub sound' when the broadcasting, which is usually a foreign translation together, is received.

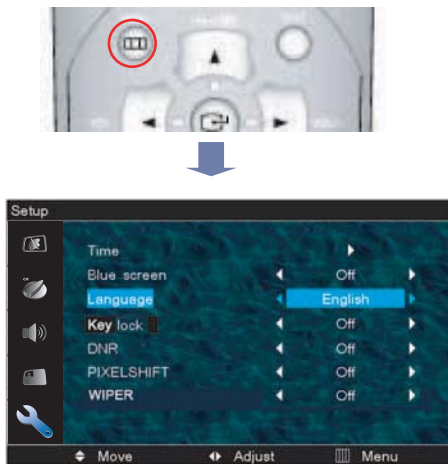
- Main sound: Listen to main sound or language.
- Sub sound: Listen to secondary sound or language instead of main.

*Other input sources than TV Signal, MTS is working only in R, L or R/L Mix mode.

Additional Function

Changing the OSD Menu language

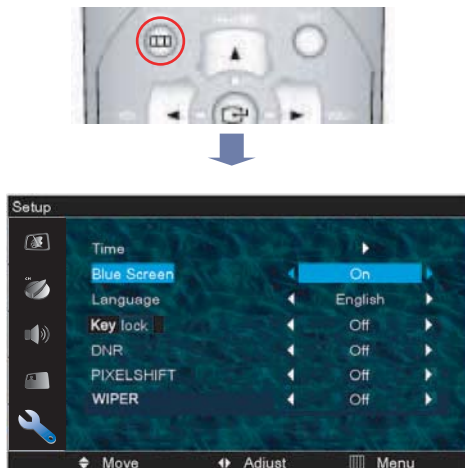
You can change the OSD Menu Language.



1. Press MENU [MENU] button on the remote controller
2. Press Channel [CH] button to select '[Set Up]' [Wrench] menu and push Volume [VOLUME] button
3. In [Set Up] menu, select [Language] with Channel [CH] button.
4. Change Language by pressing Volume [VOLUME] button.

Setting the Blue Screen

If no signal is being received or the signal is very weak, a blue back screen is automatically displayed instead of the noisy image.














1. Press MENU [MENU] button on the remote control.
2. Press Channel [CH] button to select '[Setup]' [Wrench] menu and push Volume [VOLUME] button to be in.
3. Select [Blue Screen] by pressing Channel [CH] button.
4. Set 'On' by pressing Volume [VOLUME] button.

Additional Function


Setting the Current Time (Time Zone)

Time Zone setting is required for setting the time and receiving EPG properly. Once system time is set, all the relevant functions such as timer are available.

1. Press MENU [] button on the remote control.
2. Select Setup [] menu by pressing Channel [ / ] button.
3. Press Volume [] button, select 'Time' with Channel [ / ] button and press Volume [] button again.
4. Select [Time Zone] by pressing Volume [ / ] button.
5. When configuration is done, press MENU [] button to save the changes and exit.


















Tip

The current time is automatically received or synchronized by Digital TV EPG
Once Digital TV channel information is set and stored, it is not required for setting the time.
The current time can be check by pressing Info [] button on the remote controller.





Automatic Power On and Off

If no signal is being received or the signal is very weak, a blue back screen is automatically displayed instead of the noisy image.



1. Press MENU [] button on the remote control.
2. Select Setup [] menu by pressing Channel [ / ] button.
3. Press Volume [] button, select 'Time' with Channel [ / ] button and press Volume [] button again.
4. Select 'On timer' or 'Off timer' by pressing Channel [ / ] and Volume [] button.
5. Set the time with Channel [ / ] Volume [] button.
6. When configuration is done, press MENU [] button to save the changes and exit.

Tip

You can adjust the channel and volume level when the TV turns on.
Adjust them on [On Time Volume] with pressign Channel [ / ] and Volume [ / ] button.
Time is automatically set, once you set the Time Zone and then watch a DTV channel.
After Time is set, you can use On Timer and Off Timer functions.