

# Basic Operations

## Turning On and Off

Connect the AC cord to power the TV. At this time the TV will enter standby mode and power indicator will turn red. Use Power button (⏻) on the side panel of TV or on the remote control to turn on the TV. After switching off the TV for 5 seconds, you can turn on TV again.

## Select input source

Press INPUT button on remote control to display Source Select list.

Use ▲ / ▼ arrows to highlight the source you need and press ENTER to confirm.



## Adjust the OSD Screen

The OSD (On Screen Display) menu enables you to approach to the TV functions.

To use OSD menu system, press MENU button on remote control, then use ◀/▶ arrow to highlight an option from PICTURE, SOUND, CHANNEL, LOCK, SETUP and press ENTER/▼ button.

Press the ▲/▼ arrow to move to a different option within each menu. If necessary, press ENTER or ▶ arrow to display the choices of the option you've highlighted. If available, use the text at the bottom of each screen for help. To return to the previous menu, press the MENU button.

To exit the OSD menu:

- Press the EXIT button. The menu will clear from the screen.
- Press the MENU button repeatedly until the menus disappear.

# Main Menu Operation

## First Time Settings

Connect an RF cable from the TV's input called "RF-In" and to your TV Aerial socket.

OSD Language

select the language to be used for menus and message.

Mode Setting

Press ◀ / ▶ button to select the Home Mode or Store Mode.

Country

Press ◀ / ▶ button to select the country you want.

Tuner Type

Select the Antenna/Cable to tune.

Auto Scan

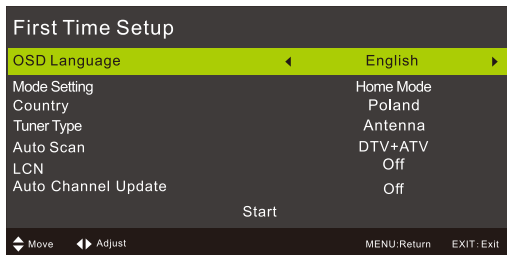
Select auto scan Mode.

LCN (Logical Channel Number)

Press the ▲/▼ button to select the LCN, then use ◀ / ▶ button to select on or off.

Auto channel Update

Press the ▲/▼ button to select the Auto channel Update, then use ◀ / ▶ button to select on or off.



## Picture Settings

Picture Mode

Adjusts the picture mode: Standard, Mild, Personal, Dynamic four kinds of image mode. Brightness, Contrast, Sharpness, Saturation and Hue can only be adjusted when Picture Mode is set to Personal.

Brightness

Adjusts the brightness of the picture, and usually is adjusted together with Contrast.

Contrast

Adjusts the difference between the light and dark areas of the picture. To get better picture value, contrast should be adjusted to the proper value.

Sharpness

Adjusts the sharpness of the picture. This function is not available in PC mode.

Saturation

Adjust the saturation of the color based on your own like.

Hue

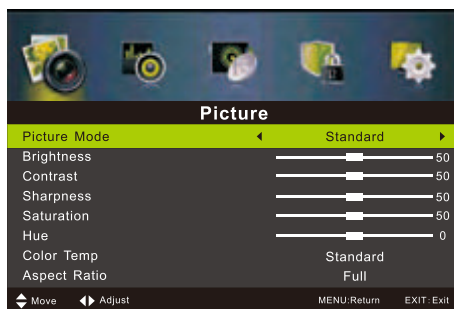
Use in compensating color changed with the transmission in the NTSC mode.

Color Temp

Press ENTER button to enter the color temperature sub menu. Color Temperature Adjusts the colour temperature of the picture.

Aspect Ratio

Select the TV Aspect Ratio.



# Main Menu Operation

## Screen Mode

Select three modes, available including Video, PC, Auto. Only available under HDMI and PC source.

## Advanced Settings

Adjust advanced video features to fine tune the picture. This includes NR and Dynamic Contrast option. When you use these options for adjustment, the screen shows the effect.



## Sound Settings

### Sound Mode

Equipped with Standard, Music, Personal, Movie four kinds of voice mode for your choice. "Bass" and "Treble" can only be adjusted when Sound Mode is set to "Personal".

### Treble

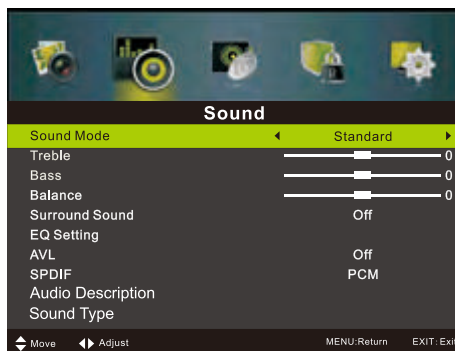
Adjust the highest part of the sound.

### Bass

Adjust the lowest part of the sound.

### Balance

Adjust how much audio (loudness) gets sent to the left and right speakers.



### Surround Sound

Creates a 3D sound surround from standard stereo material, with deep and rich enhancement.

### EQ Setting

Adjust the curve of 7 bands equalizer, the seven-band graphic equalizer allows you to adjust the audio frequency settings.

### AVL

This function may be set as On or Off. Auto Volume Level can set the volume to adjust automatically corresponding to the input audio.

### SPDIF Mode

Select from Auto, PCM, and Off.

### Audio Description

Press ▲/▼ button to select audio description, then press OK button to enter submenu set it.

### Sound Type

set the Sound Type option, press ◀/▶ button to select stereo, dual I, dual II or mixed.

### NOTE:

Balance: This item can adjust the speaker's output, it enables you to listen best at your position.

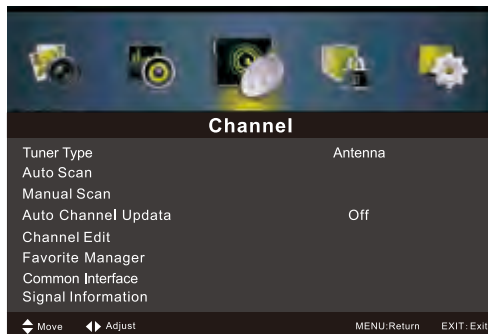
AVL: This item is used for reducing the difference between channel and program's volume automatically. It makes the overall volume even. This function will also reduce the fluctuation of the sound.

# Main Menu Operation

## Channel Settings

Press MENU button to display the main menu.

Press ◀ / ▶ button to select CHANNEL in the main menu, then press ENTER / ▼ to enter. Note: These settings are only available in ATV, DTV and DTV+ATV mode.



Tuner Type

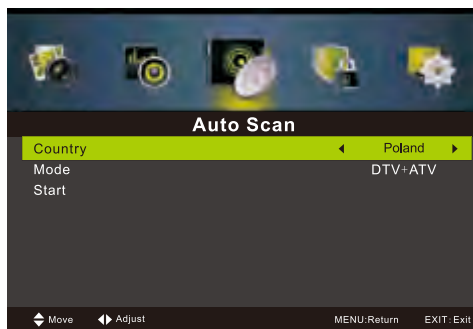
Select the Antenna/Cable to tune.

Auto Scan

Execute an auto channel search.

Press the ◀/▶ buttons to select ATV, DTV or DTV+ATV. Press the ▲/▼ buttons to select the option you want, then select start option to search a channel. (Default password is 0000)

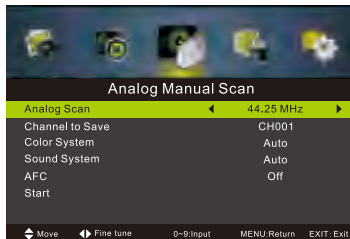
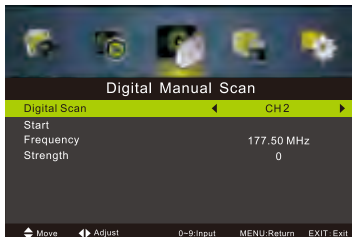
It will search digital channels first, then analog channels.



# Main Menu Operation

## ATV Manual Scan/DTV Manual Scan

If you want to tune your TV channels manually, press the ▲/▼ buttons to select (DTV or ATV) manual search, then use the ◀/▶ buttons to select the available channels.



## Channel Edit

This setting lets you edit channels. Select a channel and then use the colored buttons on the remote control. Press the Red button to delete the channel. Press the Green button to skip the selected channel. (Your TV set will skip the channel automatically when using CH+/- to view the channels.) Press the Blue button to set the channel to moving state, then press ▼ / ▲ to move it to the position you want to put, and press Blue button again to complete the move operation.

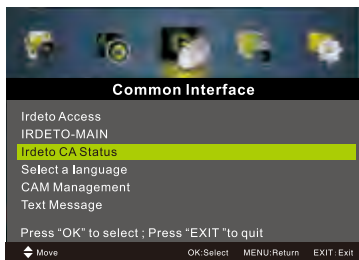


## Favorite Manager

Press ▼ / ▲ button to select Favorite Manager, then Press OK button to enter submenu. Then you can add channels to different favorite lists by pressing color buttons. You can call the favorite list by FAV button after setting.

## Common Interface

Press ▼ / ▲ button to select **Common interface**, then press ENTER/ ▶ button to enter submenu. Only available when there is CI card under DTV.



## Signal Information

Show the quality and signal strength of the channel, only available when there is signal under DTV.

# Main Menu Operation

## Lock System Menu

### Enter Password

Press ENTER button to enter, input password, default password is 0000.

### Enable

Uses the arrow button to select On or Off. Channel Locks, Parental Rating and Lock Keypad are available when Enable is On.

### Channel Locks

This option allows you to lock or unlock the channels. Press ▼ / ▲ button to select Channel Locks, then press Enter button to enter sub-menu operate it.

### Parental Rating

You can set the parental control function to suit viewing for children of all ages. Choose the categories in the sub menu.

### Lock Keypad

Set to prevent it from being used by young children, or other unexpected usage. Press ▼ / ▲ button to select Lock Keypad, then press enter button to select On or Off.

### New Password

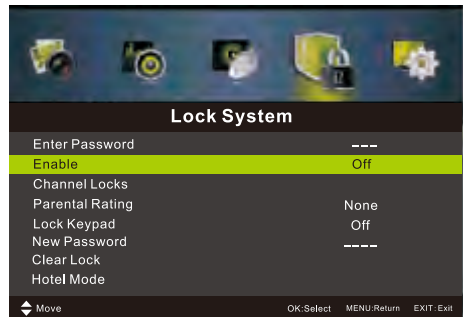
To set your own password, first enter the old password, and then enter your new password twice

### Clear Lock

Press ▼ / ▲ button to select Clear Lock.

### Hotel Mode

Choosing the ▼ / ▲ select the menu item Hotel Mode, then go to the sub-menu, press ENTER to enter the sub-menu and activate the selected item.



# Main Menu Operation

## Setup Settings

The Setup Menu lets you configure the TV with your preferences. Select **SETUP** from the Main Menu. Press **OK/down** button to proceed to **SETUP** menu.

### OSD Language

Select your desired OSD language.

### Audio Languages

Select an audio language to be displayed.

By default, English is selected as audio language.

### Subtitle

Select a subtitle language to be displayed. By default, English is selected as subtitle language. Press **▼ / ▲** button to select Subtitle, then press **Enter** button to enter sub-menu.

### Teletext

Adjust Teletext settings. Only available under DTV , ATV and AV source.

### Blue screen

If you turn this on, the TV will display blue background when no signal is input.

### Mode Setting

Adjust TV mode settings, including Home Mode and Store Mode.

### Shop

Press **▼ / ▲** button to select Shop.

### Time Settings

Press **▼ / ▲** button to select Time Settings , then Press **ENTER** button to enter the Time sub menu.

**OSD Timer:** Set the time how long to display OSD menu.

**Sleep Timer:** Set the sleep timer. The TV will automatically enter standby mode after time is up.

**Auto Sleep:** Set the auto sleep on / off, including Off, 3 hours, 4 hours and 5 hours.

**Time Zone:** Showing the country's time zone.

**Time:** Set the TV time. Set Auto Sync to Off, then you can set the time manually.  
**Note:** In the case of loss of power, the clock setting will be lost.

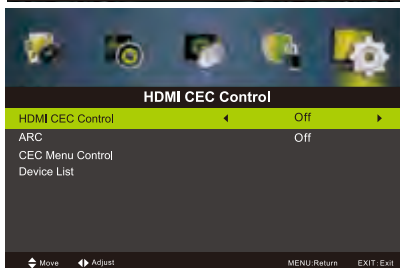
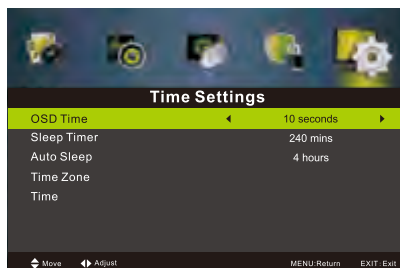
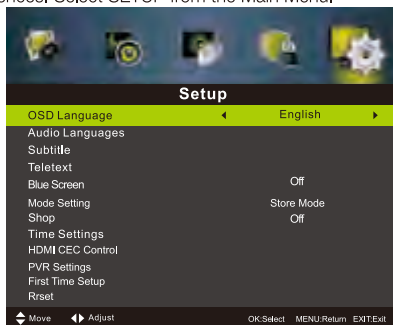
### HDMI CEC Control

Press **ENTER** button to enter sub-menu.

HDMI CEC control allows you to control multiple CEC-enabled devices connected using HDMI, with a single remote control.

### ARC

Press to turn ARC ON or OFF. Audio Return Channel (ARC) returns audio through the same HDMI channel that is used to send video to the TV. If switched on, you won't need a separate audio cable to return sound from the TV. ARC Feature is available on HDMI 1 only.



# Main Menu Operation

## PVR Settings (DTV Mode)

Press ▼ / ▲ button to select PVR Settings, then press Enter button to enter sub-menu. It will check the USB.

Under DTV mode, pressing Index (Stop) key will pop up PVR setting menu.

Note:

For any type of recording with this TV, you must have plugged a USB device into the appropriate USB port at the back of the television to record on.

PVR File System	USB Devices	FAT32, Hi Speed FS, NTFS(NTFS compressed file is not supported), external powered devices up to 1TB
	USB Media Types	AVI, MPEG, TS, MKV, MP3, AAC, JPG, JPEG

1.Please insert the external high-speed storage devices, insert must be formatted before.

2.Select the DTV program and channel you wish to record.

3.Enter PVR mode and start recording. PVR control bar on the screen shown below. You can select the appropriate settings required.

You could change the mode of Recording menu using the ENTER button.

4.If you wish to stop the recording, press [ ■ ] button and the recording will stop.



Use the arrow buttons to select File Manager, Device List and Scheduled Record, press Enter button to enter sub-menu. Using the arrows and the control buttons on the remote control you can edit the option.



## PVR Settings

### File Manager

- Press the ▲/▼ button to select a recorded file.
- Press the RED button on the remote control to play the highlighted file from the beginning.
- Press the GREEN button to delete the highlighted file.
- Press the YELLOW button to delete all recorded files.
- Press the BLUE button to zoom in/out.

# Main Menu Operation

## Device List

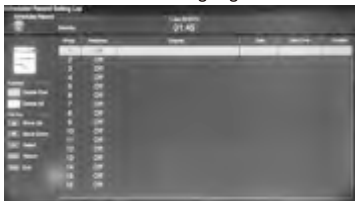
- In this item you can check the available space and file system of your memory device connected to USB port.
- Press the RED button on the remote control to format your USB memory device.



## Menus (Cont.)

### Scheduled Record

- Press the GREEN button to delete the highlighted option.
- Press the YELLOW button to delete all.
- Press the ▲/▼ button to select a schedule.
- Press OK to edit the highlighted Scheduled Recording.



Frequency: Press the ◀/▶ buttons to select the desired mode: Off, Once, Daily, Weekly, Weekday.

Channel: Press the ◀/▶ buttons to select the desired channel.

Start Time: Press the ▲/▼ / ◀/▶ buttons to select the desired start date and time of the recording.

End Time: Press the ▲/▼ / ◀/▶ buttons to select desired end date and time of your scheduled recording.

NOTE: After successful completion, select "Save" to save the settings



## First Time Setup

To set relevant options including OSD language, mode setting, country and tuning.

## Reset

Press enter button to enter a dialogue, select yes to restore factory default.

# EPG (Electronic Program Guide)

EPG stands for Digital Electronic Program Guide. It is supplied by the program providers and offers information about the programs to be broadcast. You can access it in digital mode by pressing the EPG button on the remote control.

1. Press the EPG button to bring up the EPG interface (below).

On the list below, the channel you are currently watching will be highlighted.



Press the RED button to display previous date.

Press the GREEN button to display next date.

Press the YELLOW button to see the setting you have done before.

Press the BLUE button to set the time you want to set a reminder for the program you want to see.

Press [REC ] button to enter PVR mode and start recording.

You can select various settings from the PVR control bar on the screen.

Use ENTER button to change recording menu mode.

If you wish to stop the recording, press [ ■ ] button and the recording will stop.

# Main Menu Operation

## PC Setting (In PC mode)

### Auto Adjust

Press ENTER button to adjust the screen automatically to the optimal position of the picture.

### H-Offset, V-Offset

To adjust horizontal position of picture.

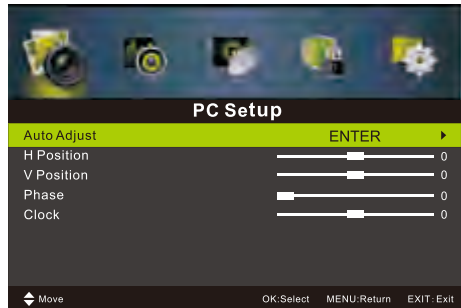
To adjust vertical position of picture.

### Phase

To adjust the phase of picture.

### Clock

Adjust the vertical interfering lines.



## Media Menu

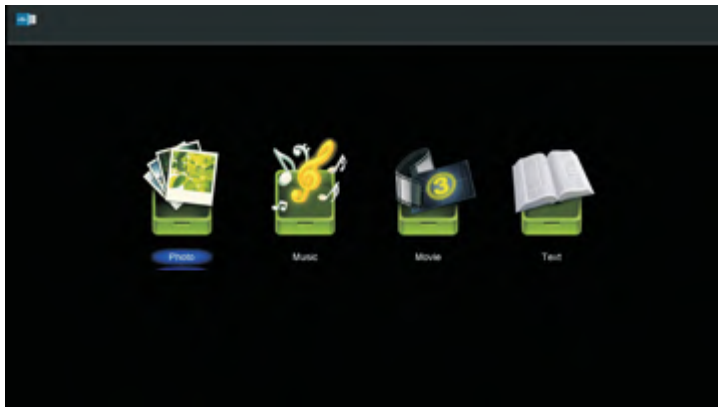
You can view photo, music, Movie and text files from your USB storage devices.

Supported formats: AVI, MPEG, TS, MKV, MP3, AAC, JPG, JPEG.....

1.Connect USB storage device to USB input terminal.

2.Press INPUT button to enter Media mode.

3.Press [◀] / [▶] to select the types of media modes: PHOTO, MUSIC, MOVIE and TEXT.



# Media Operation

## PHOTO Menu

1. Press [◀] / [▶] to select PHOTO. Press [ENTER] to enter.
2. Press [◀] / [▶] / [▲] / [▼] to select the desired folder and press [ENTER] to open the folder; or press [◀] / [▶] / [▲] / [▼] to select the desired picture file and press [▶▶] / [ENTER] to start playing.
3. Press [■] to stop picture playing and return to picture list.
4. Select the return icon to return to the previous menu.



## MUSIC Menu

1. Press [◀] / [▶] to select MUSIC. Press [ENTER] to enter.
2. Press [◀] / [▶] / [▲] / [▼] to select the desired folder and press [ENTER] to open the folder; or press [◀] / [▶] / [▲] / [▼] to select the desired music file and press [▶▶] / [ENTER] to start playing.
3. Press [■] to stop music playing and return to music list.
4. Select the return icon to return to the previous menu.



# Media Operation

When highlighting the option you select, the file information will appear on the right.

## Note:

- This menu only show files with the supported file extension.
- Files with other file extensions are not displayed, even if they are saved on the same USB storage device.
- An over-modulated support file may cause some sound distortion during playback.

## MOVIE Menu

1. Press [◀] / [▶] to select MOVIE. Press [ENTER] to enter.
2. Press [◀] / [▶] / [▲] / [▼] to select the desired folder and press [ENTER] to open the folder; or press [◀] / [▶] / [▲] / [▼] to select the desired movie file and press [▶▶] / ENTER to start playing.
3. Press [■] to stop movie playing and return to movie list.
4. Select the return icon to return to the previous menu.



## Text Menu

1. Press [◀] / [▶] to select TEXT. Press [ENTER] to enter.
2. Press [◀] / [▶] / [▲] / [▼] to select the desired folder and press [ENTER] to open the folder; or press [◀] / [▶] / [▲] / [▼] to select the desired text file and press [▶▶] / ENTER to start playing.
3. Press [■] to stop text playing and return to text list.
4. Select the return icon to return to the previous menu.

