



LED TV

OPERATION MANUAL

F1 SERIES

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

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Precautions

Read all of the instructions before operating the set. Keep these instructions well for future use.

Warning

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

Product

- Do not block or cover the ventilation openings on the back cover.
- Do not push objects of any kind into this unit through the cabinet slots as they could touch the current carrying parts or short-circuit parts, resulting in fire, electric shock, or damage to the unit.
- Do not attempt to open the cabinet as this may cause damage. There are no parts inside you can service by yourself. Refer all servicing to qualified personnel.
- Do not touch the screen surface with fingers as this may scratch or mar the TV screen.
- Do not impact the TV screen with hard pressure as this may damage the TV screen severely.
- This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

Power and Plug

- Unplug the set under the following conditions:
 - If the set will not be used for a long period of time.
 - If the power cord or the power outlet/plug is damaged.
 - Follow the instructions to install and adjust the product. Adjust those controls that are covered in these operating instructions as improper adjustment of other controls may result in damage. If this happens, unplug the set and refer to the service personnel.
 - If the set is subject to impact or has been dropped

and the cabinet has been damaged.

- Where the mains plug or an appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.

Power Cord and Signal Cable

- Do not allow anything to rest on or roll over the power cord and the signal cable.
- Protect the power cord and the signal cable from being trampled.
- Do not overload the power cord or the power outlet.
- Do not expose the power cord and the signal cable to moisture.

Use Environment

- Do not place the set on an unstable cart, stand, or table.
- Place the set on a place that allows good ventilation.
- Do not use the set near damp, and cold areas.
- Do not expose the set to excessive heat such as direct sunlight, fire, or the like and no naked flame sources, such as lighted candles, should be placed on the apparatus.
- Do not expose the set to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Do not use the set in dusty environments.
- Operating Temperature: 5°C to 35°C (41°F to 95°F)
Operating Humidity: 20% to 80%, non-condensing
Storage Temperature: -15°C to 45°C (5°F to 113°F)
Storage Humidity: 10% to 90%, non-condensing

Cleaning

- Dust the set by wiping the screen and the cabinet with a soft, clean cloth or some special liquid cleaner.
- Do not apply excessive force to the screen when cleaning.
- Do not use water or other chemical cleaner to clean the screen as this may damage the surface of the TV screen.

Hanging the TV Set on the Wall

Warning: This operation requires two people.

To ensure a safe installation, observe the following safety notes:

- Check that the wall can support the weight of the TV set and wall mount assembly.
- Follow the mounting instructions provided with the wall mount.
- The TV set must be installed on a vertical wall.
- Make sure to use only screws suitable for the material of the wall.
- Make sure that the TV set cables are placed so that there is no danger of tripping over them.









All other safety instructions about our TV sets are also applicable here. Wall mount bracket not included.

(Note: Certain TV models are not designed to be mounted to the wall.)














TV Buttons

If the batteries in your remote control are run down, you can use the buttons on your TV set. They have the following functions:

For models with below buttons on the set:

 or 	
 or 	
 or 	Features (Short press) Features (Long press)














For models with below buttons on the set:

	TV mode	In menus
		
		
		
		
	Features (Long press) OK (Short press)	Features (Long press) OK (Short press)

For models with only one button on the set:

	Power on/Standby
--	------------------

For models with below buttons on the set::

	TV mode	In menus
		
		
		
		
	Features (Short press) Source (Press for 2s) Features (Long press)	Features (Short press) OK (Press for 2s) Features (Long press)

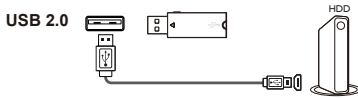
Note:

Figures and illustrations are provided for reference only and may vary depending on the model.

Sockets and Connections

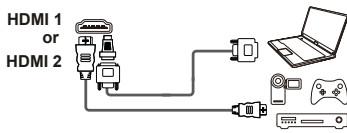
Notes:

- 1) The location and names of the sockets on the TV may vary according to TV model, and not all sockets available on all models.
- 2) For some models, the USB 2.0 or HDMI 1 socket is service-compatible, which is marked as USB 2.0/SERVICE or HDMI 1/SERVICE. Please turn to qualified service personnel for debugging and maintenance.



USB 2.0 socket (input)

This socket can be used to connect a USB device.



HDMI 1/HDMI 2 socket (input)

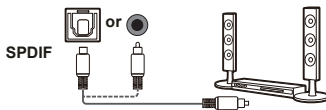
The HDMI (High-Definition Multimedia Interface) socket lets you connect a device, such as a Blu-ray player, with a HDMI output for best picture quality. It also provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

Note: The HDMI 2 socket is ARC-compatible.



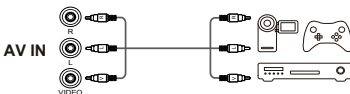
ANTENNA IN socket (input)

This socket can be used to connect the outside aerial or cable network.



SPDIF socket (output)

This socket can be used to connect a compatible digital audio receiver.



AV RCA audio + video sockets (input)

The AV IN sockets can be used to connect a range of equipment, including video recorders, camcorders, decoders, satellite receivers, DVD players, or games consoles. The VIDEO IN socket provides composite video connection.



Headphone socket (output)

This socket can be used to connect headphones or stereo earphones.

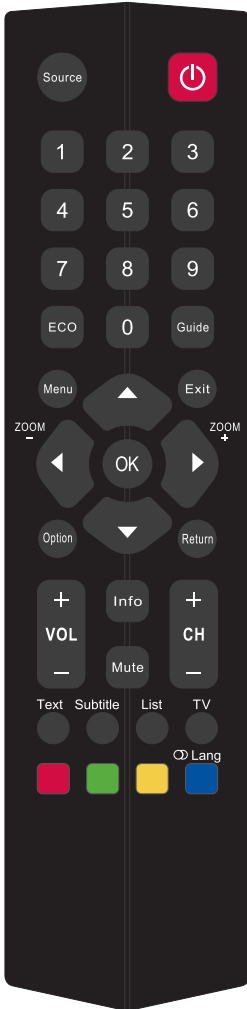
Note: When the Headphone socket is connected, the speakers will be muted.

Warning: Excessive sound pressure from earphones and headphones can cause hearing loss.


Remote Control Functions

Most of your television's functions are available via the menus that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings.

Note: Figures and illustrations in this operation manual are provided for reference only and may differ from actual product appearance.



Source To display input source menu.

 **(POWER button)** Standby / quit standby.


0-9 (Numeric buttons) To enter channel numbers.


ECO To select an energy saving mode.

Guide To toggle the Electronic Program Guide on or off (*Only available for digital channels*).

Menu To bring up the main menu.

Exit To exit the menu system.

 **(UP/DOWN/LEFT/RIGHT buttons)** To navigate through the menu system and adjust the menu controls.

 **(Zoom)** To select your desired screen format.

OK To confirm an entry or selection.

Option To enter PVR mode. (**Note:** *Option is only available in DTV mode and a USB device must be connected first.*)

Return To go back to the last viewed channel.

VOL +/- To control the volume.

Info To display program information, if available.

Mute To switch the sound off and back on.

CH +/- To change channels.

Text To access teletext function.

Subtitle To select a subtitle language available for selected digital TV program.

List To display the channel list.

TV To access TV mode.

Colored buttons (**RED/GREEN/YELLOW/BLUE**) To perform the corresponding function indicated at the bottom of the screen.

The **GREEN** button is also used to enter timeshift mode. (**Note:** *This feature is only available in DTV mode and a USB device must be connected first.*)

Lang To select a sound type available for selected analogue TV program; to select an audio language available for selected digital TV program.

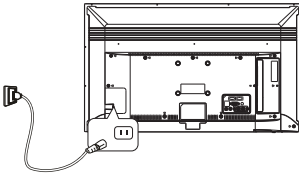
Switching On

Follow the instructions on this page on how to switch on your TV set and the remote control before going on to following pages describing how to use the channel set-up procedure.

1. Insert two AAA batteries in the remote control.

Precautions on using batteries:

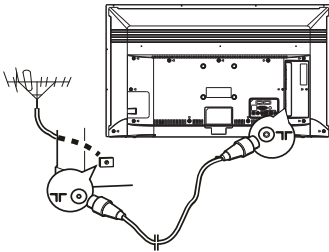
- Only use the battery types specified.
- Make sure you use the correct polarity.
- Do not mix new and used batteries.
- Do not use rechargeable batteries.
- Do not expose batteries to excessive heat such as sunshine, fire or the like, throw them in a fire, recharge them or try to open them, as this could cause them to leak or explode.
- Remove the batteries from the remote control if you are not using it for a long period of time.
- Attention should be drawn to the environmental aspects of battery disposal.



2. Connect the power cable FIRST to the television, THEN to a mains socket. (**Note:** If the power cable is connected to the television, please only connect the power cable to the mains socket.)

Your TV set should only be connected to an AC supply. It must not be connected to a DC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a mains socket, as there is a risk of electric shock.

Note: The figures are for representation only, the location of power socket of the television might differ depend on the model.




3. Connect an outside aerial to the ANTENNA IN socket at the back of the TV set.


The aerial socket (75 OHM - VHF / UHF / cable) can be used for connecting an external aerial or other equipment fitted.

Note: If you want to receive the signal from your cable or cable box, please connect a coaxial cable to the ANTENNA IN socket at the back of the TV set.

4. When powered on, the TV will be turned on directly or be in standby mode.

If the power indicator lights up, the TV set is in standby mode. Press the  button on the remote control or on the TV set to turn on the TV.

Switching Off

To put the TV set into standby mode, press the  button on the remote control. The TV set remains powered up, but with low energy consumption.

To switch off the TV set, unplug the mains socket from the mains outlet.

Initial Setup

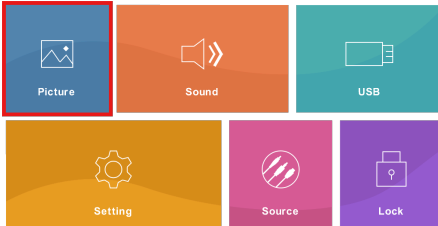
The first time you switch the set on, the **First time installation** menu appears. Follow the steps below to finish the initial setup process.

1. Press ▲/▼ to select **Language** and press ◀/▶ to select your language.
2. Press ▲/▼ to select **Country** and press ◀/▶ to select your country.
3. Press ▲/▼ to select **Environment** and press ◀/▶ to select **Shop mode** or **Home mode**.
4. Press ▲/▼ to select **Time zone** and press ◀/▶ to select your local time zone.
5. Press **OK** to enter the **Tuning setup** menu.
6. Press ▲/▼ to select **Tune type** and press ◀/▶ to select **DTV**, **ATV** or **DTV + ATV**.
7. Follow a) or b) below:
 - a) If **ATV** is selected, press **OK** to start your automatic search for all analogue channels.
 - b) If **DTV** or **DTV + ATV** is selected, press ▲/▼ to select **Digital type** and press ◀/▶ to select **DVB-T** or **DVB-C**.
 - Note: The option of DVB-C may be not available for some countries.*
 - If **DVB-T** is selected, press **OK** to start your automatic search for all DVB-T digital and/or analog channels
 - If **DVB-C** is selected, press ▲/▼ to select **Scan type** and use ◀/▶ to select **Full** or **Network scan**.
 - If **Full** is selected, press **OK** to start the automatic search for all DVB-C digital and/or analog channels.
 - If **Network scan** is selected, press ▲/▼ to select **Network id**, **Frequency** or **Symbol rate** and use ◀/▶ to do settings. Then press **OK** to start the automatic search for all DVB-C digital and/or analog channels.
8. The channel search may take a few minutes. During the process, you can press **Menu** to stop the search halfway and press ◀ to confirm.

Using Main Menu

Allows you to access the TV's main menu and do settings.

1. Press **Menu** on the remote control to display the main menu as illustrated below.



2. You can have direct access to the menus: **Picture**, **Sound**, **USB**, **Setting**, **Source** or **Lock**. Press **▲/▼/◀/▶** to select the desired item, then press **OK** to enter the corresponding menu.
3. In the menu system, press **◀/▶** to select **Picture**, **Sound**, **Time**, **Setting** or **Channel** and use **▲/▼** to enter its menu.
4. In each menu, press **▲/▼** to select menu options, then press **OK/▶** to enter the option list, the adjustment interface, or the corresponding submenu.
5. Press **Menu** to return to the previous menu.
6. Press **Exit** to close the menu.

Source

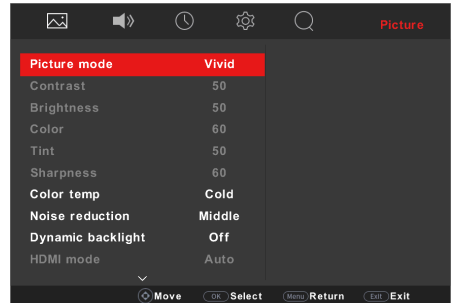
1. Press **Menu** on the remote control, select **Source** and press **OK** to enter the input source menu. Or press **Source** on the remote control to directly display the menu.



2. Press **▲/▼** to select your desired source.
3. Press **OK** to confirm the selection.

Picture

Press **Menu** on the remote control, select **Picture** and press **OK** to enter the picture menu. The **Picture** options are as follows:



Note: Some options may be not available for certain signal sources.

Picture mode

Press **OK/▶** to display the option list. Use **▲/▼** to scroll through the picture mode settings: **Vivid**, **Standard**, **Mild** and **User**, and press **OK** to confirm. When you select **User**, you can have access to the following five options' settings.

- **Contrast**: Press **◀/▶** to adjust the difference between light and dark areas of the picture and press **OK** to confirm.
- **Brightness**: Press **◀/▶** to adjust the brightness of the picture and press **OK** to confirm.
- **Color**: Press **◀/▶** to adjust the richness of color and press **OK** to confirm.
- **Tint**: Press **◀/▶** to adjust the balance between the red and green levels and press **OK** to confirm.
Note: This option is only available under NTSC mode.
- **Sharpness**: Press **◀/▶** to adjust the crispness of the edges in the picture and press **OK** to confirm.

Color temp

Adjusts the color temperature of the picture. Press **OK/▶** to display the option list and use **▲/▼** to scroll through the color settings: **Cold** for a more blue palette of picture colors; **Normal** and **Warm** for a more red palette of picture colors. And press to **OK** confirm.

Note: For some models, the Color temp option is not available.

Noise reduction

Improves the quality of the picture in the case of poor reception. Press **OK/▶** to display the option list. Use **▲/▼** to scroll through the list: **Off**, **Low**, **Middle**, **High** and **Default** and press to **OK** confirm.

TV Menu Operations

Dynamic backlight

Press **OK** or **◀/▶** to select **On** to automatically adjust the brightness of the backlight to match lighting conditions

HDMI mode

Press **OK/▶** to display the option list. Use **▲/▼** to scroll through the list press to **OK** confirm.

Note: The option is available only in HDMI mode and when the HDMI devices are connected to the HDMI sockets.

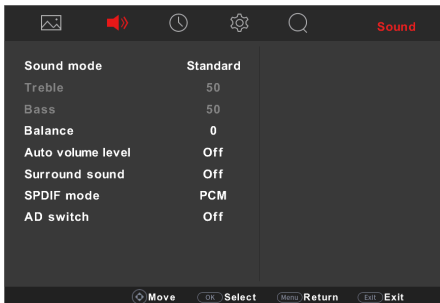
Backlight

Press **◀/▶** to adjust the brightness of the backlight to match lighting conditions and press **OK** to confirm.

Note: The option is available only when Dynamic backlight is set to off.

Sound

Press **Menu** on the remote control, select **Sound** and press **OK** to enter the sound menu. The **Sound** options are as follows:



Sound mode

Press **OK/▶** to display the option list. Use **▲/▼** to scroll through the sound mode settings: **Standard**, **Music**, **Movie**, **Sports** and **User**, and press **OK** to confirm. When you select **User**, you can have access to the following two options' settings.

- **Treble**: Press **◀/▶** to adjust the treble level and press **OK** to confirm.
- **Bass**: Press **◀/▶** to adjust the bass level and press **OK** to confirm.

Balance

Press **◀/▶** to balance the sound between the left and right speakers and press **OK** to confirm.

Auto volume level

Press **OK** or **◀/▶** to select **On** to reduce the annoying blasts in volume during commercial breaks and also amplifies softer sounds in program material. Eliminates the need to constantly adjust the volume.

Surround sound

Press **OK/▶** to display the option list. Use **▲/▼** to toggle between **Off** and **On** and press **OK** to confirm.

SPDIF mode

Selects a proper sound type for your SPDIF output. Press **OK** or **◀/▶** to toggle among **Auto**, **PCM** and **Off**.

- If you select **Auto**, the SPDIF output format is
 - Dolby Digital when the program's sound format is Dolby Digital or Dolby Digital Plus or HE-AAC.
 - PCM when the program's sound format is MPEG.
- If you select **PCM**, the SPDIF output format is PCM, regardless of the program's sound format.
- If you select **Off**, this turns off the audio output from the audio device connected to the SPDIF output.

Note: The options you may choose depend on the program you are watching.

AD switch

Press **OK/▶** to enter the submenu. Use **◀/▶** to select **On** and then you can adjust the volume of the program's asides.

Time

Press **Menu** on the remote control and press **OK** to enter the menu system. Press **◀/▶** to select **Time** and use **▲/▼** to enter the time menu. The **Time** options are as follows:



Clock

Displays the date and time acquired from the digital channels. Without digital channels, you can set the date and time manually: Use **◀/▶** to move the cursor, press **▲/▼** to adjust time and date and press **OK** to confirm.

Off time

Press **OK/▶** to enter the submenu.

1. Use **◀/▶** to select an off-timer mode: **Everyday**, **Mon~Fri**, **Mon~Sat**, **Sat~Sun**, **Sun** or **Once**.
2. Press **▼** to move down to **Hour** or **Minute** and use **◀/▶** to set the off time.

TV Menu Operations

3. To disable the off time function, select **Off** for the off-timer mode.

On time

Press **OK/▶** to enter the submenu.

1. Use **◀/▶** to select an on-timer mode: **Everyday**, **Mon-Fri**, **Mon-Sat**, **Sat-Sun**, **Sun** or **Once**.
2. Press **▼** to move down to **Hour** or **Minute** and use **◀/▶** to set the on time.
3. Press **▼** to move down and use **◀/▶** to set the on-timer source. If the on-timer source is **DTV**, **Radio** or **ATV**, press **▼** to move down and use **◀/▶** to set the on-timer channel No.
4. Press **▼** to move down and use **◀/▶** to set the on-timer volume.
5. To disable the on time function, select **Off** for the on-timer mode.

Time zone

Press **OK/▶** to enter the submenu. Use **▲/▼/◀/▶** to select your local time zone and press **OK** to confirm.

Sleep timer

Press **OK/▶** to display the option list. Use **▲/▼** to select a period of time after which the TV will go into standby mode and press **OK** to confirm. To disable the sleep timer function, select **Off**.

Auto standby

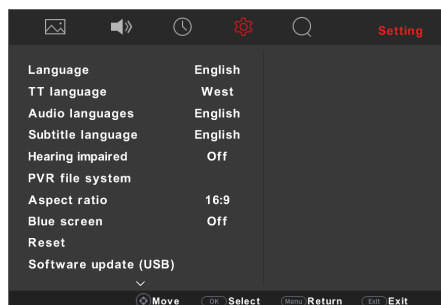
Press **OK/▶** to display the option list. Use **▲/▼** to select a period of time after which the TV will go into standby mode if there is no operation during the time period and press **OK** to confirm. To disable the auto standby function, select **Off**.

OSD timer

Press **OK/▶** to display the option list. Use **▲/▼** to select a period of time for OSD display and press **OK** to confirm.

Setting

Press **Menu** on the remote control, select **Setting** and press **OK** to enter the setting menu. The **Setting** options are as follows:



Note: Some options may be not available for certain signal sources.

Language

Press **OK/▶** to enter the submenu. Use **▲/▼/◀/▶** to select your desired language and press **OK** to confirm.

TT language

Press **OK/▶** to display the option list. Use **▲/▼** to select your preferred Teletext language and press **OK** to confirm.

Audio languages

Press **OK/▶** to enter the submenu. Use **▲/▼/◀/▶** to select your preferred audio language and press **OK** to confirm.

Note: The option is available only in DTV mode.

Subtitle language

Press **OK/▶** to enter the submenu. Use **▲/▼/◀/▶** to select your preferred subtitle language and press **OK** to confirm.

Note: The option is available only in DTV mode.

Hearing impaired

Press **OK** or **◀/▶** to toggle between **On** and **Off**. If set to **On**, the hearing impaired subtitles, if available, will be displayed.

Note: The option is available only in DTV mode.

PVR file system

Press **OK/▶** to enter the submenu. You can check the information like speed, timeshift size, etc. Also, you can format the USB device and set the recording time.

Note: The option is available only in DTV mode.

Aspect ratio

Press **OK/▶** to display the option list. Use **▲/▼** to select the picture size among **Auto**, **4:3**, **16:9**, **Zoom 1** and **Zoom 2**, and press **OK** to confirm.

TV Menu Operations

Blue screen

Press **OK** or **◀/▶** to toggle between **On** and **Off**. If set to **On**, there will be a blue screen on the TV when there is no signal.

Reset

Allows you to reset the TV to factory default settings. Press **OK/▶** to enter, and use the numeric buttons to enter the password if **System lock** under the **Lock** menu is set to **On**. Press **◀** to confirm "Yes" and then the **First time installation** menu appears. Follow the instructions in the section **Initial setup** to go ahead.

Note: The default password is 0000.

Software update (USB)

Allows you to update the software. Insert the USB stick in which a new version software is stored into a USB socket of the set first and press **OK/▶** to enter. Follow the on-screen instructions to complete the process.

Environment

Press **OK** or **◀/▶** to toggle between **Home mode** and **Shop mode**. Every time you change to Shop mode, you need to press **◀** to confirm to leave Home mode.

HDMI CEC

Allows you to search for CEC devices connected to the HDMI sockets in your TV and do settings. Press **OK/▶** to enter the submenu and use **◀/▶** to select **On** to turn on the function, then you can have access to the following five options:

- **Audio receiver:** Use **◀/▶** to select **On** or **Off** to turn on or off ARC function and press **OK** to confirm.
- **Device auto power off:** Use **◀/▶** to select **On** or **Off** and press **OK** to confirm. Select **On** to enable all CEC devices to automatically go to the standby mode when you turn off the TV with the TV remote.
- **TV auto power on:** Use **◀/▶** to select **On** or **Off** and press **OK** to confirm. Select **On** to enable the TV to automatically power on when you power on a CEC device (e.g. DVD) with the device's remote.
- **Device list:** Press **OK/▶** to enter and display all the connected CEC devices.
- **Device menu:** Press **OK/▶** to enter the main menu of the CEC device which is playing currently. You can use the TV remote to operate.

Note: The CEC functions depend on the devices connected and it is possible that some devices may not interoperate correctly when connected to this TV. The user manual or the manufacturer of the problematic devices should be consulted for further information.

LED indicator status

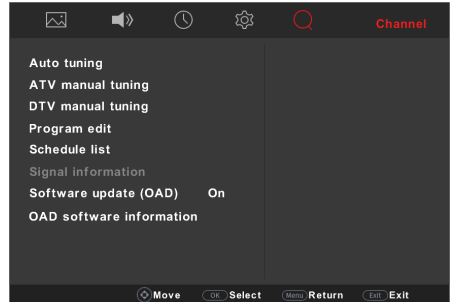
Press **OK** or **◀/▶** to toggle between **On** and **Off** to turn on or off the LED indicator when the TV goes into standby.

Lock

Press **OK/▶** to enter the menu. Refer to P13 for more details.

Channel

Press **Menu** on the remote control and press **OK** to enter the menu system. Press **◀/▶** to select **Channel** and use **▲/▼** to enter the channel menu. The **Channel** options are as follows:



Auto tuning

Press **OK/▶** to enter the submenu. You can set **Country**, **Tune type**, **Digital type**, **Scan type**, **Network id**, **Frequency** or **Symbol rate**. Refer to the details as described in **Initial setup** to start your automatic search.

ATV manual tuning

Press **OK/▶** to enter the submenu. You can search analog channels manually.

DTV manual tuning

Press **OK/▶** to enter the submenu. You can search digital channels manually.

Program edit

Press **OK/▶** to enter the submenu. Press **▲/▼** to select a channel.

- To delete the channel, press the red button.
- To move the channel, press the yellow button and use **▲/▼** to change the channel's position.
- To skip or unskip the channel, press the blue button.

Schedule list

Note: The option is available only in DTV mode.

Press **OK/▶** to enter the submenu. Press **◀/▶** to select **Schedule list** or **Recorded list**. On the **Recorded list** page, you can check all the recorded programs. On the **Schedule list** page, you can do the following operations.

- Press the yellow button to add a schedule into your schedule list. Then you can see the schedule setup menu:

TV Menu Operations

- Use **◀/▶** to select the desired channel.
 - **Type:** Use **◀/▶** to select the available schedule type:
Select **Reminder** to be reminded that you can switch to the scheduled program when the time you have set comes.
Select **Recorder** (if available) if you want to start your scheduled recording when the time you have set comes. When time is out and you do not execute any operation, scheduled recording will start automatically.
 - **Mode:** Use **◀/▶** to select different repeat modes for the schedule.
 - **Start time:** Use **◀/▶** to move the cursor, press **▲/▼** to adjust time and date and press **OK** to confirm.
 - **End time:** Use **◀/▶** to move the cursor, press **▲/▼** to adjust time and date and press **OK** to confirm.
- Press the red button to delete a selected schedule.
 - Press the blue button to edit a selected schedule.

Signal information

Press **OK/▶** to display the signal information of the current channel.

Software update (OAD)

Press **OK** or **◀/▶** to toggle between **On** and **Off**. Select **On** to enable you to install the latest version of the software if available.

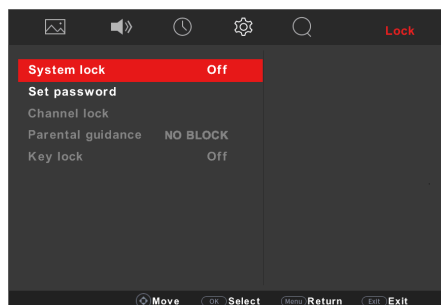
When there is a new version of the software with the broadcast, the TV will automatically download the software. After the software has been downloaded successfully, you will be prompted to decide if you want to install it right now. If yes, follow the on-screen instructions to complete your installation. You can also select to ignore the installation here.

OAD software information

Press **OK/▶** to display the version information of the OAD software.

Lock

Press **Menu** on the remote control, select **Lock** and press **OK** to enter the lock menu. The **Lock** options are as follows:



Note: Some options may be not available for certain signal sources.

System lock

Press **OK/▶** to enter. You have to enter the correct password with the numeric buttons first, then use **◀/▶** to select **On** or **Off** and press **OK** to confirm. When **System lock** is set to **On**, you can have access to the following three options:

- **Channel lock:** Press **OK/▶** to enter the submenu. Use **▲/▼** to select a channel and press the green button to lock it. A lock icon will appear on the right. To unlock the channel, press the green button again.
- **Parental guidance:** Press **OK/▶** to display the option list. Use **▲/▼** to select a level and press **OK** to confirm. To disable the function, select **NO BLOCK**.
- **Key lock:** Press **OK** or **◀/▶** to toggle between **On** and **Off**. Select **On** to lock the keys on the TV.

*Note: When **System lock** is set to **On**, you have to enter the correct password before you start tuning or editing channels under the **Channel** menu.*

Set password

Press **OK/▶** to enter. You can set a new password with the numeric buttons.

Notes:

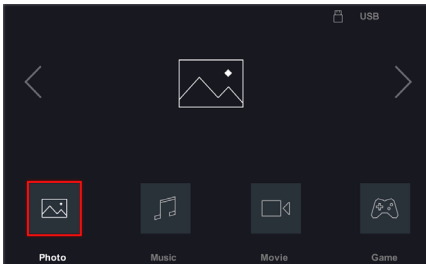
- The default password is **0000**.
- The super password is **4711**. If you forget your code, enter the super password to override any existing codes.

Multimedia

Your TV is fitted with one USB connector that enables you to view pictures, listen to music or watch videos stored on USB drives. You can also play games under USB mode, even without a USB connected.

When a USB device is connected, press **Menu** on the remote control, select **USB** and press **OK** to enter the USB menu.

To exit USB mode, press **Menu** to display the main menu, select **Source** and press **OK** to enter the input source menu, then use **▲/▼** to select any other source and press **OK** to confirm. Pressing **Source** on the remote control is a quick access to the input source menu.



Photo

Use this function to display pictures, if available.

1. Use **◀/▶** to select **Photo** and press **OK** to confirm. Then use **▲/▼** to select the USB device and press **OK** again to enter the main file content browser.
2. Use **▲/▼/◀/▶** to select a picture in either main or sub file content browser, press **OK** to watch, and a slide show begins from the selected picture.
3. Press **OK** to display the console. Use **◀/▶** to select an option and press **OK** to confirm. The console options include **Play/Pause**, **Prev**, **Next**, **Music On/Off**, **Left**, **Right**, **Info**, **Zoom in**, **Zoom out** and **Move view**. To exit the console, press **Exit**.
4. Press **Exit** to return to the previous interface.

Music

Use this function to play back music, if available.

1. Use **◀/▶** to select **Music** and press **OK** to confirm. Then use **▲/▼** to select the USB device and press **OK** again to enter the main file content browser.
2. Use **▲/▼/◀/▶** to select a song in either main or sub file content browser, press **OK** to play, and automatic playback begins from the selected song.
3. Press **OK** to display the console. Use **◀/▶** to select an option and press **OK** to confirm. The console options include **Play/Pause**, **Prev**, **Next**, **FB**, **FF**, **Repeat all**, **Playlist** and **Info**. To exit the console, press **Exit**.

4. Press **Exit** to return to the previous interface.

Movie

Use this function to watch videos, if available.

1. Use **◀/▶** to select **Movie** and press **OK** to confirm. Then use **▲/▼** to select the USB device and press **OK** again to enter the main file content browser.
2. Use **▲/▼/◀/▶** to select a video in either main or sub file content browser, press **OK** to watch, and automatic playback begins from the selected video.
3. Press **OK** to display the console. Use **◀/▶** to select an option and press **OK** to confirm. The console options include **Play/Pause**, **Prev**, **Next**, **FB**, **FF**, **Stop**, **CharSet**, **Repeat all**, **Playlist** and **Info**. To exit the console, press **Exit**.
4. Press **Exit** to return to the previous interface.

Game

Use this function to have fun.

1. Use **◀/▶** to select **Game** and press **OK** to confirm.
2. Use **▲/▼** to select a game and press **OK** to start.
3. Press **Exit** to return to the previous interface.

Using EPG (Electronic Program Guide)

EPG is an on-screen guide that displays scheduled digital TV programs. You can navigate, select, view and record programs.

Note: The option is available only in DTV mode.

1. Press **Guide** on the remote control, the **7 Day TV GUIDE** menu will appear, which allows you to get information about the current or next program playing on each channel. Navigate through the different programs using the **▲/▼/◀/▶** buttons on the remote control.
2. Use the related buttons shown at the bottom of the screen to view EPG.
 - **Prev day:** Press the yellow button to display EPG of the previous day.
 - **Next day:** Press the blue button to display EPG of the next day.
 - **Details:** Press **Info** to display details about the selected program.
 - **Record:** Press the red button repeatedly to select different scheduled recording modes for the program during the selected time period:
 - Select **R** to record the program once.
 - Select **D** to record the program daily.
 - Select **W** to record the program weekly.
 - Select **A** to record the program once. Even if there occurs a break during the broadcasting, the recording will automatically continue when the broadcasting becomes normal.

Notes:

Advanced Operations

1. When the time for the scheduled recording comes, 30-second countdown will appear. When the time countdown ends, the TV will switch to the channel automatically if you don't cancel the countdown.

2. Connect a USB device first before using the scheduled recording function.

- **Remind:** Press the green button repeatedly to select different scheduled reminding modes for the program during the selected time period:
 - Select **(M)** to be reminded once.
 - Select **(D)** to be reminded daily.
 - Select **(W)** to be reminded weekly.
 - Select **(A)** to be reminded once. Even if there occurs a break during the broadcasting, the reminding will automatically become active when the broadcasting becomes normal.

Note: When the time for the scheduled reminding comes, 30-second countdown will appear. When the time countdown ends, the TV will switch to the channel automatically if you don't cancel the countdown.

3. Press **Guide** or **Exit** to exit EPG.

PVR (Personal Video Recorder)

Allows you to record your favourite TV programs. Before you use the function, connect a USB drive to the TV first.

Note: The feature is available only in selected products and, due to specific TV network limitations and country technical requirements, might not be available in product or place of installation. Feature might also be blocked by TV network due to copyright protection (HD content, recording protection).

1. Finish the PVR setting before you start recording, select **Setting > PVR file system** and press **OK/▶** to enter.
2. Press **Option** to start recording directly, and the PVR menu displays on the screen.
3. Do operations according to the on-screen prompt. Use **◀/▶** to select **Stop** and press **OK** to stop recording manually, the recorded file will be saved. In normal operation, the recording will stop automatically when the recording duration expires.
4. In recording, when the PVR menu times out, and only the icon **(P)** remains on the screen, you can press **OK** to call out the PVR menu.
5. To watch the recorded program, exit PVR mode first and go to **USB > Movie**. Select the folder **_MSTPVR**, then select the related record file. Press **OK** to play. (It is the same if you record a digital radio program).

Notes:

- This feature is available only for digital non-encrypted channels.

- The TV doesn't support USB devices of NTFS format.
- Before you connect the USB drive to the TV, make sure you have backed up the data in the drive to avoid the loss of your important data due to unforeseen malfunction.
- The bigger the USB drive free memory for the PVR function, the bigger the recording length.
- If you want to change channel or signal source during recording, store the recording data before changing the channel or source.
- The TV cannot play files normally if the parameters of the file exceed the limitations of the system, the file format is not supported, the file is damaged, or the file cannot be decoded.
- Do not disconnect the USB drive when the system is reading a file or transmitting data, otherwise the system or the drive may be damaged.

Timeshift

Allows you to pause, fast forward and rewind live TV, so you don't have to miss any part of your favourite programs. Before you use the function, connect a USB drive to the TV first. For the first time, you should complete the disk setup for the USB drive.

1. Press the green button to activate the timeshift function, and the timeshift menu displays on the screen.
2. Do operations according to the on-screen prompt. Use **◀/▶** to select **Stop** and press **OK** to stop manually.
3. When the timeshift menu times out and only the icon **(P)** remains on the screen, you can press **OK** to call out the timeshift menu.

Notes:

- This feature is available only for digital channels.
- Before you plug the USB drive to TV, make sure you have backed up the data on the drive to avoid unforeseen malfunction and data loss.
- We recommend that you use a USB drive with at least 1GB free space and a disk speed faster than 5.0MB/sec.
- The bigger the USB drive free space for timeshift, the bigger the recording length.

Problems & Solutions

Note: Problems & solutions 1 to 2 are for the TV models which have network functions, so users of non-connected TV models can disregard them.

1. Fail to link to the network.

- Check if your TV is connected with the network;
- Reboot your TV;
- Consult your internet service provider, to confirm if access of your router is supported. Refer to the operation manual of your router.
- Make sure your TV is connected to a router, and make sure your router is powered on. Check that your router/modem has an internet connection, and that your Ethernet cables/wireless connection is OK. Test your connection with a computer to make sure it is OK. Should the problem persist, contact customer service.

2. The video could not be played smoothly.

- Videos from your USB flash drive --- It may result from data transmission, or its code flow is far beyond the supported formats of this TV set.
- Videos downloaded from internet, or online videos.
 - a. It may be caused by the lower bandwidth of your network. A high network speed is required to handle online videos.
 - b. Peak internet usage times may affect the bandwidth.
 - c. Check if any other computers on the same network are also operating, as they may be using up bandwidth. Especially if they are downloading or playing on-line videos.
 - d. The video may not be smooth itself, it is not the problem of your TV or network.

3. When two mobile hard disks are connected with the TV at the same time, they will not be recognized some times.

- All mobile hard disks consume a lot of power, which may result in power supply problems. We recommend inserting only one hard disk, or a low power consumption mobile hard disk.

4. The video from a mobile hard disk (USB) is playing with no sound.

- The audio format of the video in your mobile hard disk is not supported by the TV player.

5. Some videos fail to play.

- The formats of the videos may not be supported by the TV, especially videos shot by certain kinds of cameras, generally with their private protocol of formats, which are not compatible with your TV.

6. Video stops playing midway.

- Mistakes may occur when videos are copied or compressed, so they may automatically stop playing during playback.

7. What should I pay attention to, when I do SW updating?

- No power cuts when SW updating;
- Avoid any operations with your remote control when SW updating;
- Depending on your internet connection speed, the software updating process may take some time.

8. There are no distinct changes of TV interface after SW updating.

- Under certain conditions, SW updating may not only update or add new functions but also improve the performance of the TV set, without distinct changes to the user interface. Also, there may be no changes to the user interface at all.

9. External device cannot be recognized.

- Some external devices (e.g. webcam, smart phone, tablet, game handle, and external wireless adapter) may not be compatible with the TV and cannot be supported for certain functions (nScreen, wireless display, gesture control, face recognition, if any). Please try a similar device. If it does not work, contact your local dealer.

Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

No picture, no sound

1. Check if the fuse or circuit breaker is working.
2. Plug another electrical device into the outlet to make sure it is working or turned on.
3. Power plug is in a bad contact with the outlet.
4. Check the signal source.

No color

1. Change the color system.
2. Adjust the saturation.
3. Try another channel. Black-white program may be received.

Remote control does not work

1. Change the batteries.
2. Batteries are not installed correctly.

No picture, normal sound

1. Adjust the brightness and contrast.
2. Broadcasting failure may happen.

Normal picture, no sound

1. Press the **VOLUME UP** button to increase volume.
2. Volume is set to mute, press the **MUTE** button to restore sound.
3. Change the sound system.
4. Broadcasting failure may happen.

Unorderly ripples on the picture

It is usually caused by local interference, such as cars, daylight lamps and hair driers. Adjust the antenna to minimize the interference.

Snowy dots and interference

If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception.

1. Adjust the position and orientation of the indoor/ outdoor antenna.
2. Check the connection of antenna.
3. Fine tune the channel.
4. Try another channel. Broadcasting failure may happen.

Ignition

Black spots or horizontal streaks appear, or the picture flutters or drifts. This is usually caused by interference from car ignition system, neon lamps, electric drills, or other electrical appliance.

Ghost

Ghosts are caused by the television signal following two paths. One is the direct path, the other is reflected from tall buildings, hills, or other objects. Changing the direction or position of the antenna may improve the reception.

Radio frequency interference

This interference produces moving ripples or diagonal streaks, and in some case, loss of contrast in the picture. Find out and remove the radio interference source.

** To bring you better visual experience, please remove all labels from TV front panel and screen before use.*

Legal Statement

[Legal Statement] of manufacturer of this TV set

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