3D LED TV

OPERATION MANUAL

For use with models: L55F3500FDS/L65F3500FDS

L40E5510FDS/L46E5510FDS

U50E5691FDS/U55E5691FDS L50E5510FDS/U65E5691FDS



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Chapter 1 Introduction

Precautions

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

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 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 mark the TV screen.
- Do not impact the TV screen with hard pressure as this may damage the TV screen severely.
- The 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 has been subjected to impact or dropped and the cabinet is 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 in an area that allows good ventilation.
- Do not use the set near damp, and cold areas. Protect the set from overheating.

· Keep the set away from direct sunlight.

- The set shall not be exposed to drips or splashes and no objects filled with liquids, such as vases, shall be placed on the set.
- · 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 cleaners 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 persons.

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.

Important Information

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. 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.
- · Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

Note: Graphics contained within this publication are presentation only.

Buttons on the TV

1. PR-/+ (PROGRAM DOWN/UP) button

Scans down/up through the channel list. In the menu system, **PROGRAM DOWN** acts like the down direction button on the remote and adjusts menu; **PROGRAM UP** acts like the up direction buttons on the remote and adjusts menu controls.

2. VOL-/+ (VOLUME DOWN/UP) button

Decreases/increases the volume. In the menu system, they act like the left/right direction buttons on the remote and adjusts menu controls.

3. MENU (≡) button

Brings up the menu system.

4. OK/SOURCE (€) button

In the menu system, confirms your selection or changes settings.

5. POWER (() button

Turns the TV on or to standby. (Note: for some models, the POWER button turns the TV on or off.)

Note:

The location and names of the function buttons and power button on the TV may vary according to TV model.

Sockets

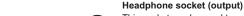
Note: the location and names of the sockets on the TV may vary according to TV model, and not all sockets available on all models.







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





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

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



USB socket (input)

These sockets can be used to connect a USB device.

Note: the number of USB sockets on the TV may vary according to TV model.

LAN



LAN

This socket can be used to connect the local area network.

Note: For some TV models, the socket is called Service instead, and has no function.

Connections and Setup

HDMI 1 → or HDMI 2 → or HDMI 3 →

HDMI1 or HDMI2 or HDMI3 socket (input)

The HDMI (High-Definition Multimedia Interface) socket can be used to connect a blu ray, PC with a compatible video card installed, certain DVD players or a high-definition compatible digital satellite decoder. This socket provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

COMPONENT IN



YPbPr component sockets (input) or CMP adapter socket (input)

Note: The **CMP adapter** socket can be used to connect the attached CMP adapter cable with YPbPr component sockets

Pr/Cr - or

CMP IN adapter

These YPbPr sockets can be used to connect a device that has component video sockets, such as a DVD player. The component sockets can recognize if the device you're connecting to is Y Pb Pr compatible or Y Cb Cr compatible. The component sockets provide excellent picture quality because the video is separated into three separate parts.

AUDIO IN R -

AUDIO IN or AUDIO IN adapter sockets (input)

Note: The AUDIO in adapter socket can be used to connect the attached AUDIO in adapter cable with audio L & R sockets, and be used to obtain sound. These AUDIO IN L & R sockets can be used to connect a range of equipment, including video recorders, camcorders, satellite receivers, DVD players, or games consoles. AUDIO IN sockets (or AUDIO in adapter) are shared by VGA and YPbPr

AUDIO IN _ dadapter

consoles. AUDIO IN socket (or CMP adapter) sockets.

VGA -

VGA socket (input)

This socket can be used to connect a computer.

AV IN R - AUDIO

AV RCA audio + video sockets (input) or AV IN adapter socket Note: the AV IN adapter socket can be used to connect the attached AV adapter cable with VIDEO and AUDIO L & R IN sockets.

VIDEO → or
AV IN adapter →

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.

ANTENNA IN -

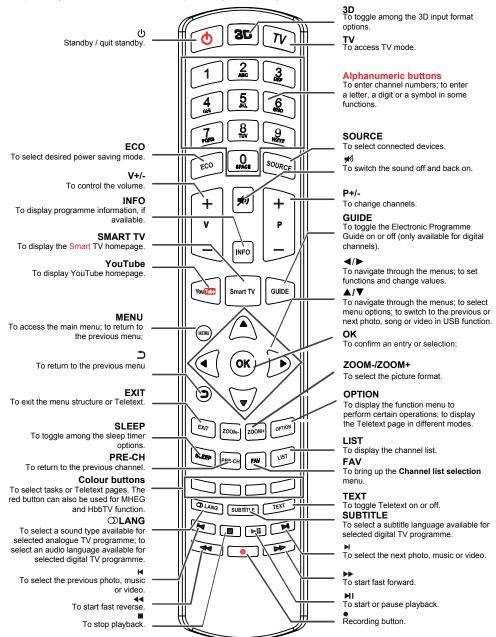
ANTENNA IN socket (input)

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

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: You are recommended to use the full screen mode. Do not use the display mode with black bars on both sides of the picture (such as 4:3) for a long time; otherwise the TV screen may be damaged permanently.



Connections and Setup

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.
- 2. Connect the power cable FIRST to the television, THEN to a mains socket. Your TV set should only be connected to anAC 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 the power socket at the back of the television might differ depending on the model.
- 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.
- 4. When powered on, the TV will be turned on directly or be in standby mode. If the TV set is in standby mode, press the ⊕ button on the remote control or on the TV set to turn on the TV.
 - **Note**: the location and name of the power button on the TV may vary according to TV models.



- To put the TV set into standby mode, press the O button on the remote control or on the TV, 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 Set-up

Initial set-up involves selecting all the settings required to be able to search for and store all the channels you can receive. Make sure that the television is switched on and follow all the steps in turn specified hereafter.

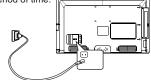
The first time you switch the set on, the **Initial setup** wizard opens, which guides you through the initial setup process. Press **OK** to start your initial setup.(See figure 1)

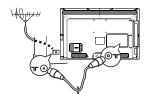
1. Press ▲/▼ to select Scan and press OK/► to start the search automatically. All available TV programmes are stored. This operation takes a few minutes. The display shows the progress of the search and the number of programs found. Note: to prevent the channel setup process from being interrupted, wait for the message indicating that the setup is complete.

In this step, you can also select **Skip Scan** to skip the channel search progress. But when you turn the TV on next time, the prompt on the screen will remind you to do the channel scan first.

- 2. During the setup, you can follow the hints available at the bottom of the screen to return to the last step by pressing 🛳
- 3. Once the automatic search ends, the set enters the next step automatically. You can press △/▼ to select your location Shop or Home. Press OK/▶ to confirm your selection and enter the next step.
 Note: the Shop mode does not meet the MEPS requirements, we would like to suggest selecting Home.
- 4. In this step, you can press OK to exit the initial setup. The channels are arranged in a preset order. If you wish to skip channels, modify the preset order or rename channels, select Setup > Organiser for these operations.
 - In this step, you can also press

 ✓ to return to the previous step.





Menu Display

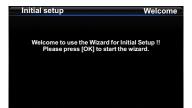


Figure 1



Figure 3



Figure 5



Figure 7



Figure 9



Figure 2



Figure 4



Figure 6



Figure 8



Figure 10

Using Menu System

This section explores the menus of your TV. Each menu is outlined and detailed to help you get the most from your TV. To access the menu system:

- 1. Press Menu to display the main menu.
- Press ▲/▼/ ◄/▶ to select the desired item, then press OK button to open the corresponding submenu.
- In submenus, use ▲/▼ to select menu options, use ◀/►
 to set functions or change values. Press OK to activate
 a setting. Use OK/► to open the corresponding submenu.
- 4. Press Menu to return to the previous menu or press

 Exit to close the menu.

Picture Menu

The menus for adjusting the picture are used to obtain the best picture settings according to your preference, the type of program you are watching and the ambient lighting. (see figure 3.)

Display the main menu by pressing **Menu** and select **Picture**, then press **OK** to confirm. The **Picture** options are as below:

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

Picture preset: use **4**/**▶** to scroll through the picture preset settings: **Personal, Movie, Standard, Dynamic** and **Studio**.

Brightness: adjusts the brightness of the picture.

Contrast: adjusts the difference between light and dark areas of the picture.

Saturation: adjusts the richness of colour. Note: this function is not available in VGA mode.

Sharpness: adjusts the crispness of the edges in the picture.

Note: this function is not available in VGA mode.

Color temperature: adjusts the color temperature of the picture. Use **d/**▶ to scroll through the color settings: Cool for a more blue palette of picture colors; **Normal**; Custom; Warm for a more red palette of picture colors.

Screen mode: use ◀/▶ to select the picture size. (Note: You are recommended to use the full screen mode. Do not use the display mode with black bars on both sides of the picture (such as 4:3) for a long time, otherwise the TV screen may be damaged permanently.)

Auto format: use ◄/▶ to select On or Off, when On is selected, the TV will display the picture according to HD Signal's format.

Note: Auto format is available only in TV and AV mode.

Advanced settings: press OK/▶ to display its submenu. Use ▲/▼ to select the items such as Noise reduction to obtain a clearer picture.

Note: some options may appear in the next page of **Picture** menu, you can press **▲**/**▼** to switch.

Sound Menu

Display the main menu by pressing the **Menu** button and select **Sound**, then press **OK** to confirm. The **Sound** menu appears with the following options(see figure 4):

Sound preset: press **OK/**▶ to display its submenus:

Sound preset: use
 to select a sound type(e.g. Rock, Pop) directly. Use
 ▼ to select the desired frequency range(e.g. 100Hz, 300Hz), use
 ▼ to adjust the level.

Balance: use **◄/▶** to balance the sound between the left and right speakers.

Audio delay: if the sound output does not match the picture, press **◄/▶** to adjust the delay time to synchronize the sound with the picture.

Wide stereo: use **◄/▶** to switch **On** or **Off**.

Auto volume control: select On mode to reduce the annoying blasts in volume during commercial breaks, this also amplifies softer sounds in program material. Eliminates the need to constantly adjust the volume.

Sound type: use **√**/▶ to select a sound type from the list. **Note**: the options offered depend on the programme you are watching.

Audio description: it refers to an additional narration track for the blind and visually impaired viewers of visual media, including television programmes and movies. The description narrator talks through the presentation description what is happening on the screen during the natural pauses in the audio(and during dialogue if deemed necessary).

- You can use this function if the current broadcast contains audio description.
- 2. You can turn on the audio description on or off in the Audio Description menu.
- To adjust the volume for Audio Description, press
 ▲/▼ to go to the next menu line, then use ◄/▶ to set the volume.

PAP Function

To display the pictures from different source inputs side by side. Note that one window is for both analog and digital TV inputs, the other is for VGA, HDMI and CMP inputs. See figure 5. (Note: AV input is not available for AV on both windows.)

- Display main menu by pressing Menu. Select PAP and press OK to confirm.
- Select the PAP item, and press ◄/► to turn on/off PAP function.
- When On is selected, select TV position, press ◄/►
 to reposition the TV window.

Note: press ◀/► to toggle the focus window. When the focus is on the TV window, digit keys and PROGRAM UP/DOWN work in TV mode. When the focus is on the other window, PROGRAM UP/DOWN switches available external sources.

Installation

Automatic Channel Set-up

This option allows the TV to search for, find and store all the available analogue and digital channels. (See figure 8). Follow all the steps in turn specified hereafter.

- Press the Menu button to display the main menu, and select Installation > Automatic search, then press OK/► to enter.
- Select Digital & Analogue (or Digital or Analogue), then press OK/>
 b to start the automatic search process.
 The search may take a few minutes. During the process, you can press Menu or Exit to abort halfway.
- Once the automatic search ends, press the Menu button to return to the last step or press OK to restart your channel search.
- 4. After the automatic search, channels are arranged in a preset order. You can skip channels, modify the preset order or rename channels, select Setup > Organiser and press OK/b to enter.

Channels skip: if a channel was stored twice or its reception is poor, you can simply skip it. The skipped channels no longer be selected by pressing the PROGRAM UP /DOWN button.

Select the **Channel skip** option and press **OK**/▶ to display **Channel skip** menu.

Press ▲/▼ to select a channel and press **OK** to check the box.

Channel sorting: swaps two channels' position.

- Select the Channel sort option and press OK/► to display Channel sort menu.
 Press ▲/▼ to select a channel, and press OK to
- Press ▲/▼ to select a channel, and press OK to confirm.
- Press ▲/▼ to select the second channel, and press OK to swap the two channels.

Channel edit: select the Channel edit option and press OK/▶ to display Channel edit menu. Press ▲/▼ to select a channel you want to edit, then press OK to enter. Press ▲/▼ to select Channel number or Channel name, use the digit keys to edit the channel number or channel name, finally press OK to confirm.

When you have finished, press **Menu/** to return, or press **Exit** to close the menu.

Channel delete: Select it and press the green button on the remote control to delete the channel you want.

Automatic Update

This allows you to update all available channels, without altering the sorting of existing channels.

- 1. Select Installation > Automatic update menu
- 2. Press **OK**/**▶** to start to update the channels. To stop the update process, press the **Menu** button.
- 3. When the search is completed, press Menu/⊃ to return, or press OK to restart.

Analogue Manual scan

- Select Installation > Analogue manual scan, and press OK/▶to enter.
- Press ▲/▼/ ◄/▶ and number or OK to search, fine tune or store the channel.
- Press Menu/

 to return to the previous menu or press Exit to close the menu.

Antenna Manual Installation

Allows you to start manual searching the available channels from the current frequency or any frequency you input.(Only for digital channels)

- Select Installation > Antenna manual installation, and press OK/► to enter.
- Press OK to start search from the current frequency, or use digit keys to input a frequency, then press OK to start search.

Clean Channel List

Allows you to remove all the searched channels from the channel list.

- Display the Installation menu, press ▲/▼ to highlight Clean channel list, press OK/▶ to enter.
- Press ◄/► to select OK, then press OK to confirm the the cleaning of the channel list.

Lock Menu

This menu allows you to control special functions for TV channels.

Note: you must enter your personal code before entering the Lock menu.

Display the main menu by pressing **Menu** and select **Lock**, then press **OK** to confirm. Then press the digit buttons to enter the password to enter the **Lock** menu. The factory default code is 1234. And the super password is 0423. If you forget your code, enter the super password to override any existing codes.

The Lock options are as below:

Channel Lock: this option allows you to lock a certain TV channel. Highlight Channel lock, press OK/▶ to display Channel lock menu. Use ▲/▼ to select a certain TV channel you want to lock, then press OK to lock. To unlock, use the same operation.

Parental rating: this option allows you to set a rating to a program. Highlight Parental rating, press OK/▶ to display Parental rating menu. Then use ◄/▶ to adjust.

Input lock: this option allows you to lock a certain external source. Press OK/▶ to display Input lock menu, then press ▲/▼ to select a certain external source, and press OK to lock. To unlock, use the same same operation.

Note: when the current input is locked, you can press **OK** and enter the password to enter.

Front panel lock: press **◄/▶** to select **On** to lock the set's buttons.

Installation lock: press **√** to select **On** to block access to the Installation menu and prevent any channels from being set up without your consent.

Max volume: press **◄/>** to set the max volume when watching programme.

Change password: this optionallows you to change the password. Press OK/ >
to enter, then press the number button to enter the new password twice.

Clean all: this optionallows you to unlock all locked channels. Press OK to enter, use ◄/► to select OK, press OK to confirm.

Timer Menu

The **Timer** menu allows you to set the time zone on your TV set, to programme an automatic turn-off or wake-up timer. Display main menu by pressing **Menu**. Select **Timer** and press **OK** to confirm. The **Timer** options

are as below:

Time zone: use ◀/▶ to select the local time zone. Country region: use ◀/▶ to select your region. Clock: press OK/▶ to display its options:

Auto-synchronization: use ◀/▶ to select On or Off. If On is selected, the TV will get the time automatically from DTV signals, and the Time item cannot be adjusted. If you select Off, you should set time at Time item. Highlight Time, use ◀/▶ to select input space, enter the Power on timer using the digit keys.

Note: If Off is selected, the time set in Time option will not be memorized when turning on the TV next time, and the TV's time will start from the default.

Power on timer: use ◀/► to select Once, Daily or Off. If you select Once or Daily, you should set a time period after which the TV automatically switches to on- go to Timer below this item. Highlight Timer, use ◀/► to select input space, enter the current time using the digit keys.

Power on Channel: this option is available when Power on timer is chosen to Once or Daily.

Press OK/▶ to display its submenu. Highlight Select mode, use ◀/▶ to select Last status, the power on channel will be the last channel you

watched before power-off, or you can select **User select**, then press ▲/▼ to select the channel you want to watch when the TV is turned on automatically next time, and press **OK** to confirm.

Power off timer: use ◀/▶ to select On or Off. If you select On, you should set a time period after which the TV automatically switches to off - go to Time item. Highlight Time, use ◀/▶ to select input space, enter the current time using the digit keys.

Sleep timer: sets a period of time after which the TV set goes into standby mode. Use ◀/▶ to set the period (120 minutes maximum). To disable this function, select Off.

Options Menu

Display main menu by pressing **Menu**. Select **Options** and press **OK** to confirm.

The **Options** options are as below:

Subtitle: this enables subtitles for digital TV channels. Select **Subtitle** option, press **OK/▶** to display its submenus:

Subtitle: press OK/► to turn On or off the subtitles. Subtitle type: press </চ to select a subtitle type. You can select Hearing impaired to display the hearing impaired subtitles with your selected language.

Teletext > Decoding page language: Select Options >Teletext > Decoding page language. Select a proper type of language in which Teletext will display.

Teletext > Digital teletext language: On digital TV channels, depending on the broadcaster, you may be able to enjoy a service with multiple initial Teletext pages in different languages. This function allows you to select an available language as primary language which relates to different initial Teletext pages. Select Options > Teletext > Digital teletext language. Press ◄/▶ to select.

SPDIF type: connect the TV to an audio device through the SPDIF output. To select a proper sound type for your SPDIF output, press MENU on the remote control and select Options > SPDIF type.

- If you select PCM, the SPDIF output format is PCM, regardless of the programme's sound format.
- If you select Dolby D, the SPDIF output format is

 Dolby Digital when the programme's sound format
- is Dolby Digital or Dolby Digital Plus or HE-AAC.

 PCM when the programme's sound format is
- PCM when the programme's sound format is MPEG.
 If you select Off, this turns off the audio output fit
- 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 programme you are watching. If you select PCM and the sound is ahead of the picture, you can select SPDIF delay from the Options menu and press I/>
 to adjust the delay time to synchronize the sound with the picture.

Network update: press **MENU**, then select **Options** > **Network update**. Select **On/Off** to enable or disable the network update function.

- When this function is on, the TV will automatically update channels if your DTV service provider updates their DTV network.
- When this function is off, you need to run the channel Search again to get new channels or remove unavailable channels if your DTV service provider adds or removes channels from their DTV network.

Location: use ◀/▶ to select Home or Shop mode. Home mode is the default. If Shop mode is selected, the picture will be displayed in Dynamic mode. In Shop mode, you can adjust the picture mode, but when turning on the TV next time, the Picture preset will restore to Vivid mode, and a prompt about Shop mode will appear.

Software update: press MENU, the select Options > Software update. Press OK/▶ to enter.

- By network: enables you to download and install the latest software version from the internet. Make sure to set up a wired or wireless network connection first then select By network and press OK/▶ to enter. When new-version software is available, a progress bar appears. When the download finishes, the TV will go black and upgrade the software.

Note: **Do not** switch off or unplug the TV until the upgrade is completed. Keep successful network connection during upgrade.

- By channel: enables you to install the latest version of the software if available from the broadcast. Use △/▼ to select By channel and press OK/▶ to enter.
- 1. Use ◀/▶ to select Yes under Auto download to automatically download the latest software if available. 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.
- Use ◄/► to select No under Auto download to decline the automatic download.
- 3. Use ▲/▼ to select Manual Download and press OK/▶ if you wish to search manually for the latest software. Follow the on-screen instructions to complete. During the search, press OK/EXIT to cancel or exit the process.

Customising the input settings

You can configure your TV according to the equipment you connect to it.

- 1. Select Setup > Input settings.
- Press OK/▶ to enter Input settings.
- Press ▲/▼ to select a connector your equipment is connected to.
- 4. Press **◄/▶** to select the type of apparatus attached to

this connector.

 Press Menu to return to the Setup menu. After configuring, the selected source label will be displayed after the name of the related connector in the source list when pressing Source on the remote control or OK on the TV set.

Diagnostics on digital TV channels

- 1. Select Setup > Diagnostics.
- Press OK/>
 to display some signal information on current digital channel, e.g. signal strength, freg.(KHz).

Time shift

Allows you to record the TV programme so that you won't miss the favourite part even if you go out. Before you use the function, connect a USB drive to the TV first. For the first time, you should do the disk setup for the USB drive.

- 1. Select Setup > Time shift.
- 2. Press **◄/▶** to select **On** to switch on the time shift function, then press **Exit** to close the menu.
- Press Option on the remote control and select Time shift, then press OK to confirm.
- 4. Follow the directions on the screen to do the setup.
- After the disk setup is done, press **Option** and select **Time shift**.
- 6. Press **OK** to display the time shift menu.
 - Press the red button to pause the picture and begin the time shift.
 - Press the red button to play the recorded part.
 - When the time shift menu disappears and only the timing of the time shift remains on the screen, you can press OK to call out the time shift Menu.
 - Press the green button to fast backward or the yellow button to fast forward.
 - Press the blue button to quit the time shift function.
 - Notes:
 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 time shift, the bigger the recording length.
 - If you attempt to change channel during time shift, a message prompts you to select Yes or No. You can select Yes to exit the time shift function and execute the channel change.

Reset shop

Allows you to reset the TV to factory default settings.

- 1. Select Setup, then press OK to confirm.
- 2. Select Reset shop and press OK/▶ to enter.
- 3. Use the digit buttons to enter the password.
- 4. Press **◄/▶** to select **OK** and press **OK** to confirm.
- 5. The Initial setup menu appears. Follow the related Instructions.

Network connection

You can set up your TV so that it can access the Internet through your local area network (LAN) using a wiredor wireless connection.

Connecting to a wired network

You can attach yourTV to yourLAN using cable in three ways:

- You can attach yourTV to yourLAN by connecting the LAN port on yourTV to an external modem using a Cat 5 cable.
- You can attachyour TV toyour LAN by connecting the LAN port on yourTV to anIP Sharer, which is connected to an external modem. Use Cat 5 cable for the connection.
- Depending on howyour network is configured, you may be able to attach your TV to your LAN by connecting the LAN port onyour TV directly to a network wall outlet using a Cat 5 cable. Note that the wall outlet is attached to a modemor router elsewhere in your house.
- Press ▲/▼ to selectInterface, then set ◄/➤ to Ethernet to select wired-mode connection.
- Press ▲/▼ to select Connection test, then press OK/▶ to check the Internet connectivity. If it does not work, follow step 4 below.
- Select Setup > Network > Settings > IP setting, then
 press OK/► to enter the IP setting menu. You can set
 Address type to Auto or Manual.
- Select **Auto** if you wantthe TV to acquire and enter the needed IP address automatically.
- Select Manual if you want to enter your IP address manually, then:
 - Press ▼ to go to the firstentry field.
 - Enter the IP address, Subnet mask, Default gateway, Primary DNS and Secondary DNS values.
 Use the alphanumeric buttons to enternumbers and the arrow buttons to move fromone entry field to another.
 - Once Auto or Manual IP setting is completed, press Menu to goback, press A/▼ to select Connection test, then press OK/► to check the Internet connectivity again.
- 5. If you want to see the information on current connection, such as Interface, Address type, IP address, etc., Select Setup > Network > Settings > Information, then press OK/P.

Connecting to awireless network

To connect your TV to your network wirelessly, you need a wireless router or modem and a Wireless LANAdapter (some TV models are equipped with an integrated LAN Adapter). Connectyour Wireless High-Gain USB Adapter (USB dongle) delivered with your TV to your TV's USB 1 port.

 Press MENU on the remote control and select Setup> Network > Settings > Internet connection. Press ◄/▶ to select On.

- Press ▲/▼ to select Interface, then set ◄/► to Wireless to select wireless-mode connection.
- Press ▲/▼to select Wireless setting and press OK/► to enter.
- 4. You can set up the wireless network connection in 3 ways: A or B or C.

A. Scan

- Press ▲/▼ to select Scan, then press **OK/►** The TV will search all access points within range, access points found by the TV will be displayed.
- Press ▲/▼ to select an available access point, then press OK/► to connect the TV. Notes:
 - If you select a protected access point, you will have to enter the corresponding password. Press OK on the remote control to display the virtual keyboard to enable you to enter the password.
 - This set is able to memorize the available access point, which enables it to connect to the network even if you switch on your TV after power-off.

B. Manual

Press ▲/▼ to select Manual, then press **OK/**▶, you will be prompted to enter the correct SSID of an available wireless router to set up the connection.

C. Aut

If your AP (Access Point) supports WPS (Wi-Fi Protected Setup), you can connect to the network via PIN (Personal Identification Number) or PBC (Push Button Configuration). WPS will automatically configure the SSID and WPA key in either mode. Press ▲/▼ to select Auto, then press OK/. to enter. .

- PIN: Select PIN and press OK/► to enter. Choose a random PIN code. Make sure this code is installed on the AP. (For the procedures, refer to your router manual.) Press OK/► again to set up the connection.
- PBC: If your router has a PBC push button, select PBC, then press OK/▶ to enter. Press the PBC push button on your router within 2 minutes after you press OK/▶ again. Your TV will automatically acquire all the network setting values it needs and connect to your network.
- 5. To check the Internet connectivity, follow the instructions in steps 3 and 4 of the preceding section **Connecting to a wired network**.
- To see the information on current connection, follow the instructions in step 5 of the preceding section Connecting to a wired network.

DLNA

Connecting to your PC

Make sure to set up a wired or wireless connection from your TV to a router first. Then connect your PC to your router either through a network cable or wirelessly. Also make sure to select **Setup > Network > Settings > Internet Connection**, then **On**, and that your computer firewall won't block the connection.

Enabling DLNA function

Select **Setup > Network > Applications > DLNA**, and set it to **On**.

Follow the steps in turn specified hereafter, then you can enjoy recorded video, image and music saved on your PC.

Adding media from your PC for sharing

Install a DLNA media server on your PC. The simple and familiar server you may install is Microsoft Windows Media Player 11 and 11 above. Follow the instructions below to allow your TV to access the designated files on your PC.

- 1. Open the Microsoft Windows Media Player 11.
 - Select Library > Media sharing.
 - Check the checkbox Share my media to.
 - Select the icon of the TV set connected to your PC.
 - Select Allow to allow the TV set to access your PC, and select OK to enable the access.

Note: Use the **Settings** button to customize your desired settings.

- 2. Select Library > Add to Library.
 - Select your personal folders or folders of other users that you can access for sharing.
 - Select Add and press OK to enable the addition.

DLNA application

Select Smart TV > Media and press OK to enter media center. Then you can view photos, listen to music or watch videos, which are stored on your PC.

- If DLNA is switched on, the TV will display the list of available DLNA servers which are available in local network.
- Supported file formats:
 Photo: JPEG Music: LPCM Video: MPEG2

Energy saving

- Press MENU on the remote control and select Setup > ECO Settings > Energy Saving.
- Press ◄/► to select a desired power saving mode to achieve the desired power saving effect.
- 3. Press EXIT to close the menu.

Shortcut operation: Press ECO on the remote control to select a desired power saving mode directly.

Note: You could select Setup > ECO Settings > Light sensor > On to save power and can automatically adjust the backlight according to the intensity of ambient light. For some models, this option is not available.

Setting up yourfavourite channels

You can create a list of your favour ite TV channels.

1. Press LIST.

- Press the yellow button to enter Channel list selection. Press ▲/▼ to select the favourite list and press OK to enter.
- Press the blue button to start editing your favourite list. Press ▲/▼ to scroll through the channel list and press OK to select or deselect it.
- 4. Repeat this procedure to setup other favourite channels.
- 5. Press LIST/EXIT to exit.

Shortcut operation: Press FAV on the remote

control to directly enter Channel list selection.

Viewing TV using the 3D function (* not available for some models)

WARNING:

- Some viewers may experience discomfort while viewing 3D TV such as dizziness, nausea and headaches. If you experience any such symptom, stop viewing 3D TV, remove your 3D glasses and rest.
- Watching 3D videos too closely or for a long period of time may harm your eyesight.
- Aresponsible adult should frequently check on children who are using the 3D function.
- Do not use the 3D glasses for any other purpose than viewing 3D videos on a 3D TV.
- Do notuse the 3D function or 3D glasses while walking or moving around, otherwise this may result in injuries due to running into objects, tripping, and/or falling.
- Press MENU on the remote control and select Picture > 3D navigation, then press ◄/► to adjust 3D navigation to Manual.
- 2. 3D Mode: Wear the 3D glasses first, then press √/► to select the right 3D input format among Top and Bottom, Side-by-Side, 2D-to-3D, Line interleave and Frame sequential for the playing 3D video.
- L-R Switch: Select On or Off to adjust the 3D video between the left and right eyes for better 3D viewing.
- 4. **Depth of Field**: Achieve a good 3D effect with the image converted from the 2D image.
- 3D-to-2D: Select Left or Right to display the image in 2D mode (no 3D effect). This function is deactivated when 3D Mode is set to 2D-to-3D or Off.
- 6. Press EXIT to close the menu.

Notes:

- 3D glasses from other manufacturers may not be supported.
- All photo functions are disabled in 3D mode.
- If you change to a different signal source or access SmartTV, the 3D mode will be automatically disabled.
- Some 3D modes may not be available depending on the input format of the 3D video source.
- Supported 3D modes: Analogue TV, AV, CMP: 2D-to-3D Digital TV, HDMI, USB, Videos from the Internet: Top and Bottom, Side-by-Side, 2D-to-3D, Line Interleave, Frame sequential.
- 3D function in USB mode: During the playback of a selected video from USB, press MENU to display the video menu in the browser mode, then select 3D Mode.
 For more detail information, refer to the above related descriptions.

T-Link

Use this function to search for CEC devices connected to the HDMI sockets in your TV and enable one-touch play and one-touch standby between CEC devices.

Enable or disable T-Link

- Press MENU on the remote control, then select Options > T-Link.
- Press ◄/► to select On or Off, if this function is turned on, T-Link option will be available in the Quick access menu which you enter by pressing the Option button on the remote control.

Use one-touch play

With one-touch play, pressing the play button on (for example) your DVD remote control starts playback on your DVD device and automatically switches your TV to the correct source. displaying DVD content.

Use System standby

With system standby, pressing the \circ button on (for example) your TV remote control switches your TV and all connected HDMI devices to standby mode. 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.

Smart TV

Allows you to enjoy Internet Applications (Apps), specially adapted Internet websites for your TV. You can control the Apps with the TV remote control.

WARNING

- Configure the network settings before using Smart TV.
- Slow responses and/or interruptions may occur, depending on your network conditions.
- If you experience a problem using an application, please contact the content provider.
- According to circumstances of the content provider, an application update or the application itself may be discontinued.
- Depending on your country's regulations, some applications may have limited service or not be supported.

Access Smart TV Applications (Apps)

- 1. Press **Smart TV** on the remote control to display the smart TV home page directly.
- Use ▲/▼/ ◄/▶ to select an App and press OK to enter.
- Internet browsing is available with Smart TV portal application. It can be accessed via the icon in the portal or via the green button when TV portal page is displayed.

Note: Since the connection with internettakes time, it's recommended that you wait a few minutes to use the smart TV feature after activation of TV from standby.

YouTube

YouTube is a video-sharing website where you can discover and watch videos uploaded by individuals or some companies.

Press YouTube on the remote control (or press Smart TV > YouTube) to enter YouTube main page, then follow the options and hint displayed on screen to search and watch the videos.

Skype

To use this function you need to purchase a webcam first. This software application allows users to make voicecalls over the Internet. Besides this, this software has also become popular for its additional features which include instant messaging, file transfer, video conferencing, etc.

Select Smart TV > Skype, and press OK to enter, then follow the options and hints displayed on screen to use the application.

MHEG function

Some digital TV broadcasters offer dedicated digital text or interactive services (for example, BBC1). These services work like normal Teletext with the addition of number, colour and navigation buttons.

Note: MHEG and subtitles are mutually exclusive and cannot coexist on the same screen. If Subtitle is setto On, MHEG will not appear. Please follow the instructions in the section Turningon/off subtitles to set Subtitle to OFF.

- Press the red button or TEXT on the remote control.
- Press ▲/▼/ ◄/▶ to select or highlightitems.
- 3. Press **OK** to confirm or activate.
- 4. Press one of the colour buttons to select an option.
- 5. Press TEXT or EXIT to exit.

Viewing photos, playing music and watching videos from a USB storage device

Your TV is fitted with a USB connector that enables you to view photos, listen to music or watch videos stored on a USB drive.

Supported file formats:

Photo JPEG

Music Mp3

Video AVI, MPG, MPEG, TS, DIVX, MK

Notes: Some USB keys and USB products like digital cameras ormobile phones are not fully compatible with USB 2.0 standard so they may not work with the TV multimedia player. Not all USB keys or devices are compatible with the USB function. Not all above formats are recognised. The encoding formats of your files will determine whether or not they can be used.

When a USB drive is detected, the TV enters the **Media center** menu directly. To enter the **Media center** menu manually, press **Smart TV** on the remote control and select **Media** and press **OK** to enter.

Photo

Use this function to display photos, if available.

- Select Smart TV > Media > Photo, then press OK to enter the main file content browser.
- 2. In the main file content browser, use △/▼/ ◄/▶ to select a photo or an inner file folder.
- Select an inner file folder, press OK to enter a sub file content browser.
- Use ▲/▼/ ◄/▶ to select a photoin either main or sub file content browser, press MENU to display the photo menuin folder mode.
- Sort: Sort folders and photos by modification Date or Name.
- Edit: Copy, paste or delete a selected photo.
- Parser: You can select Recursive to display photos from all sub file folders.
- Select aphoto, press OK to watch, and a slide show begins from the selected photo. Press OK to pause the photo. Press MENU to display the photo menu in the browser mode. You can play, pause or rotate the photo, select different play modes and display effects, etc.
- Press therelated buttons on the remote control to perform the available functions shown on the function bar at the bottom of the TV screen. Press the INFO button to show or remove the function Bar

Music

Use this function to play backmusic, if available.

- Select Smart TV > Media > Music, then press OK to enter the main file content browser.
- Use ▲/▼/ ◄/► to select a song in either main or sub file content browser in the same way as in photo display function, press MENU to display the music menu in folder mode.
 - Sort: Sort folders and songs by Name, Genre, Artist or Album.
 - Edit: Copy, paste or delete a selected song.
 - Parser: You can select Recursive to display songs from all sub file folders.
- Select a song, press **OK** to play, and automatic playback begins from the selected song. Press **MENU** to display the music menu in the browser mode. You can play or pause the song, select different play modes, etc.
 - Show lyrics: This option is available for the Songs with lyrics. Select it and use ◄/▶ to turn on/off lyrics synchronized display.
 - Audio only: Select and press OK to listen to the music with the screen turned off. Any keypress will turn the screen on
- Press the related buttons on the remote control to perform the available functions shown on the function bar at the bottom of the TV screen.

Video

Use this function to watch videos, if available.

- Select Smart TV > Media > Video, then press OK to enter the main file content browser.
- Use ▲/▼/◄/► to select a videoin either main or sub file content browser in the same way as in photo display function, press MENU to display The video menu in folder mode.
 - Sort: Sort folders and videos by Type, modification Date or Name.
 - Edit: Copy, paste or delete a selected video.
 - Parser: You can select Recursive to display videos from all sub file folders.
- Select a video, press OK to watch, and automatic playback begins from the selected video. Press MENU to display the video menu in the browser mode. You can play or pause the video, select different play modes, screen modes and preset picture settings, etc.
- 4. Press the related buttons on the remote control to perform the available functions shown on the function bar at the bottom of the TV screen. Press the INFO button to show or remove the function bar.

PVR (Personal Video Recorder)

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

Note: Feature is available only inselected products and, due to specific TV networklimitations and country technical requirements, might not be available in productor place of installation. Feature might also be blocked by TV network due to copyright protection (HD content, recording protection). Please use **OPTION** on the remote control to check if feature is available in your product.

- Press OPTION on the remote control and select Quick access > PVR.
- 2. Press OK/▶ to enter.
- 3. Press:
- the red button to startrecording, the record file is put into a folder named after the channel number under the PVR folder in Media > Video:
- △/▼/ √/▶ to adjust the recording duration.
- the green button to stop recording manually; in normal operation, the recording will stop automatically when the recording duration has passed.
- 4. In recording, PVR mini pane will also show on the screen to indicate the recording progress.
- To watch the recorded programme, exit PVR mode first and go to Media > Video. Select the folder PVR, then select the related record file. Press OK to play. (It is the same if you record a digital radio programme).

Notes:

- Feature available only for digital non encrypted channels. Even when CICAM (CI or CI+) is inserted, feature is not available on encrypted channels.
- Before you connect the USB drive to the set, make sure you have backed up the data in the drive to avoid the loss of your important data due to unforeseen malfunction
- The biggerthe USB drivefree 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 set 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 sys
 -tem is reading a file or transmitting data, otherwise the system or the drive may be damaged.

Schedule list

This function is used to perform scheduled recording.

- 1. Press OPTION on the remote control and select Quick access > Schedule list.
- 2. Press **OK** to display the schedule list.
- To add a schedule into your schedule list, press the red button first to display Schedule info. Then.
 - Channel number: use ◄/► to select the channel number.
 - **Start date**: use the alphanumeric buttons to set the recording date.
 - Start time: set the starting time of the recording.
 - Stop time: set the stopping time of the recording.
 - Schedule type:
 - a. Set Reminder to be reminded that you can switch to the scheduled programme when the time you have set comes. When time is out and you do not execute any operation, the dialogue box will disappear and no further operation will be executed.
 - b. Set Record, if you really 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.
 - Repeat type: set different repeat modes for the recording.
- Press ▲/▼/◄/► to select Add, then press OK to add the schedule you set into your schedule list.
- 5. Press the red button to repeat above procedures to add another schedule.
- If you wish to editor delete a schedule, select it and press OK to enter.
- 7. Press EXIT to close the menu.

Using electronic programme guide

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

- Press GUIDE on the remote control, the Now and Next EPG menu will appear, which allows you to get information about the current or next programme playing on each channel. Navigate through the different programmes using the navigation buttons on the remote control.
- 2. Use the colour buttons to view the 8 Days EPG.
 - Prev day (Red): List the previous day's EPG.
- Next day (Green): List the next day's EPG.
- View detail (Yellow): Display the description of this programme if available.
- Type filter (Blue): Programme guide filter for digital TV programmes.
 - Press the blue button to display the programmes' type and subtype lists.
- Navigate through the different types and subtypes using the navigation buttons on the remote control.
- Select one or more types, which you want to highlight from the Type list, press OK to select (or deselect). A checkmark will appear to the left of the type when selected. When you select a type, all its subtypes will be selected accordingly.
- Also, you can select some desired subtypes without selecting any type first.
- Press the blue button to exit the type and subtype list.
- After filtering, all your desired digital TV programmes will be highlighted.
- Add schedule (Option): Press OPTION on the remote control to bring up the Schedule list menu. For details on scheduled recording, refer to the Schedule list section.
- 3. Press **GUIDE/EXIT** to exit the EPG and switch to the selected channel.

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.
- Try another channel. Black-white program may be received.

Remote control does not work

- 1. Change the batteries.
- 2. Batteries are not installed correctly.
- 3. Main power is not connected.

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.
- Volume is set to mute, press the **Mute** button to restore sound.
- 3. Change the sound system.
- 4. Broadcasting failure may happen.

Erratic ripples on the picture

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

Blank screen in VGA mode

Perhaps the TV can not recognize the resolution set by the PC. We would suggest changing to the best resolution or other standard resolutions of the Windows system.

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.

- Adjust the position and orientation of the indoor/outdoor antenna.
- 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.