

# Haier<sup>®</sup>

## DIGITAL LED LCD TELEVISION

### INSTRUCTION MANUAL

Please read this manual carefully before operating the unit, and keep it for future reference.

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# Safety Warnings

## WELCOME


Thanks for buying this 40" 1080p Digital LED LCD TV. This guide will help you set up and begin using your TV.

First, check the contents of your box with the parts checklist below:

- 40" 1080p Digital LED LCD TV
- Remote control
- AAA battery x2
- Instruction Manual
- Quick Start Guide
- Warranty
- TV Stand
- 5XScrews for TV stand
- Component adapter, Component audio adapter ,SCART adapter
- Cover bottom
- Now you can get started!


## IMPORTANT INFORMATION

READ ALL INSTRUCTIONS BEFORE USE AND KEEP FOR FUTURE REFERENCE.



**WARNING**

RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**WARNING**

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

\*To avoid electric hazards, it is strongly suggested that the back cover not be opened, as there are no accessories inside the casing.

\*If necessary, please contact authorized after-sales services.

\*A lightning flash mark in a triangle: A potentially hazardous situation, which, if not avoided, could result in serious injury by high voltage.

\*An exclamation mark in a triangle: Major part or accessory of which technical specifications must be followed if it is to be replaced.


**WARNING:** To avoid fire or electric hazards, never place your television receiver in an area with heavy moisture. Attention should be paid to avoid accidental scratches or impacts onto the screen.

**CAUTION:** ▲ Please read this manual carefully before using your television and keep this manual in a good place for future reference.

▲ To achieve the best performance of your television, read this User's Manual carefully and properly store it for future reference.

▲ Information of screen displays and figures in the User's Manual may vary due to technical innovations.

**CAUTION:** ▲ Unauthorized disassembly of this product is prohibited.

TruSurround XT, SRS and the  symbol are trademarks of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc.

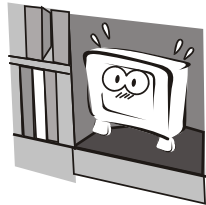
TruSurround XT® creates a truly immersive surround sound experience with rich bass and clear dialog from only two speakers.



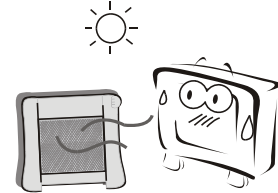
**WARNING** To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Safety Warnings

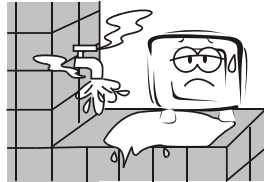
If fixing TV to the wall please make sure unit is securely fixed.



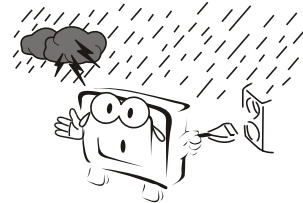
To avoid fire hazards, do not use this product under direct sunlight or close to any heat sources.



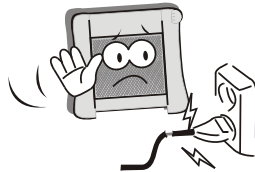
Do not locate the product close to water or oil, which may cause fire hazards.



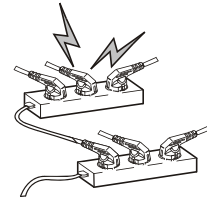
Unplug the power supply and antenna of the product when there is a rainstorm, especially Thunderstorm.



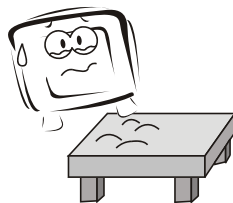
Do not use damaged or worn electrical plugs, and keep electric cord away from heat sources to avoid electric shocks or fire hazards.



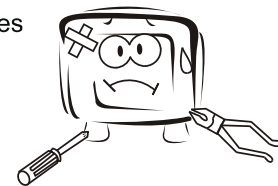
Do not connect excessive sockets in parallel or share the same socket by multiple plugs to avoid fire hazards.



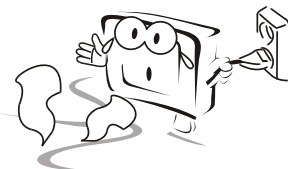
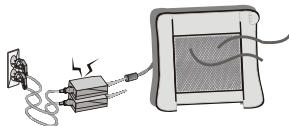
The product must be placed on a solid and stable surface to avoid collapse.



Unauthorized disassembly of the television is prohibited to avoid electric shocks or fire hazards. Contact authorized after-sales service if technical service is needed.

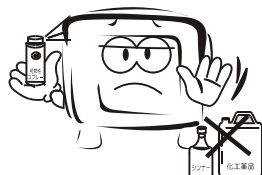


Keep the product away from a transformer or heat source to avoid fire hazards.

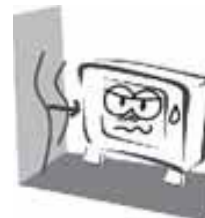


Disconnect the product from power supply and contact authorized after-sales service if abnormal sound is heard in the product.

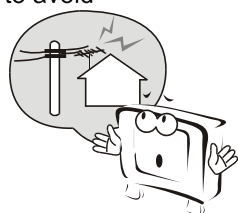
Do not use or store inflammable materials near the product to avoid explosion or fire hazards.



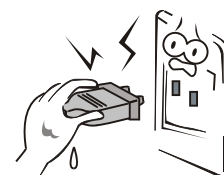
Do not place the product in a humid area to avoid fire hazards.



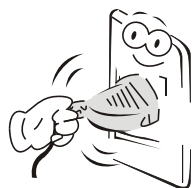
The antenna of the product should be kept away from electric cable to avoid electric shocks.



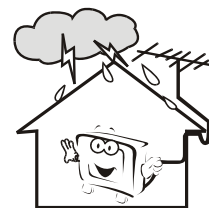
Never touch the plug when your hand is wet as this might cause electric shocks.



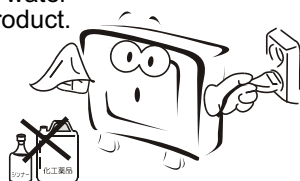
Always make sure the TV is securely plugged in, as a poor electrical connection may cause a fire.



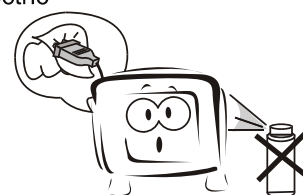
When antenna is used, measures should be taken to prevent water from flowing down along the cable into the television.



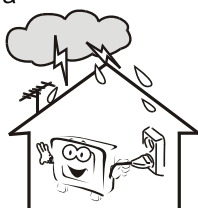
Unplug the TV, if you are going to clean the product, use soft fabric, never chemicals, make sure that no water drops are in the product.



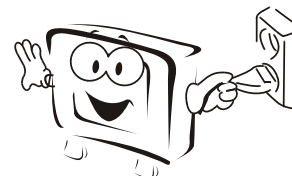
The plug and electric cable must be kept clean to avoid electric shocks or fire hazards.



Disconnect the television from power supply and antenna when there is a rainstorm or thunderstorm to avoid electric shocks or fire hazards.



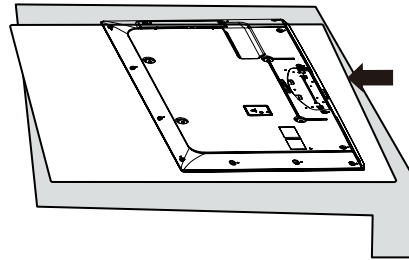
Disconnect the television from power supply to avoid electric shocks or fire hazards in a long vocation.



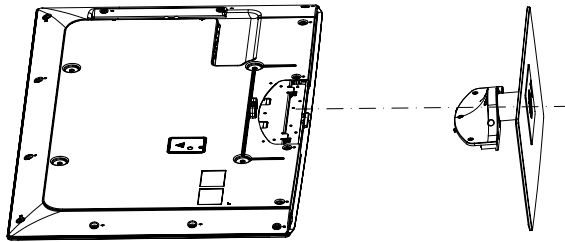
## About your LED LCD TV

### INSTALLING THE STAND

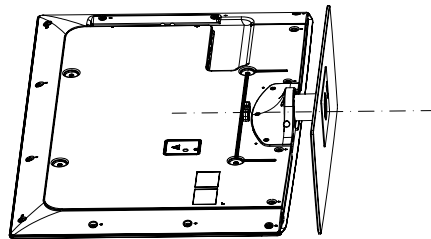
1. Carefully place the TV screen face down on a table. We suggest that you place the wrapping material from the TV package on the table top to protect the screen from damage.



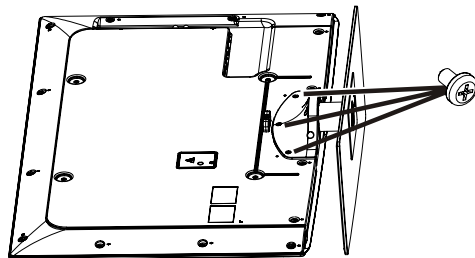
2. Position the stand with the bottom of the TV as shown below.



3. Push the stand onto the TV.

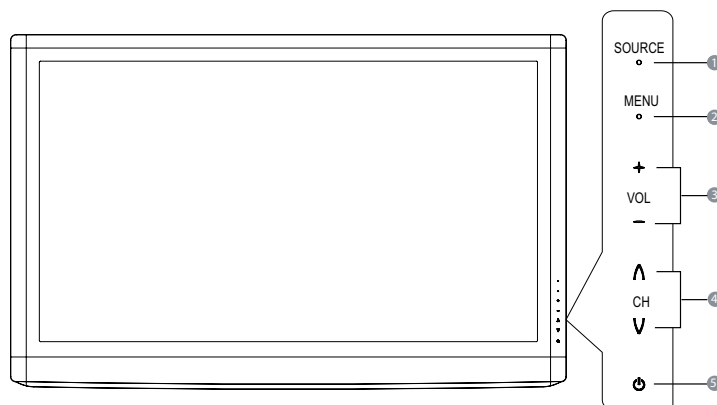


4. Attach the screws from the bottom of the stand to the TV.



# GET TO KNOW YOUR TV

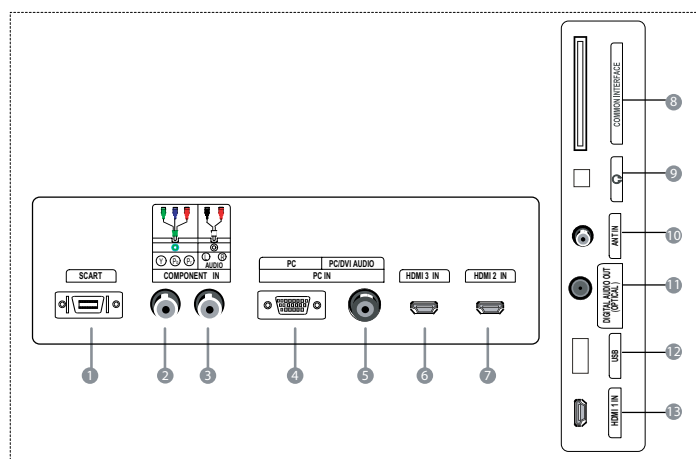
## Front control panel



①	<b>SOURCE</b>	Toggles between all the available input sources
②	<b>MENU</b>	Press to see an on-screen menu of your TV's features.
③	<b>VOL +/-</b>	Press to increase or decrease the volume .

④	<b>CH +/-</b>	Press to change channels.
⑤	<b>POWER</b>	Press to turn the TV on and off.

## Rear Terminals Control

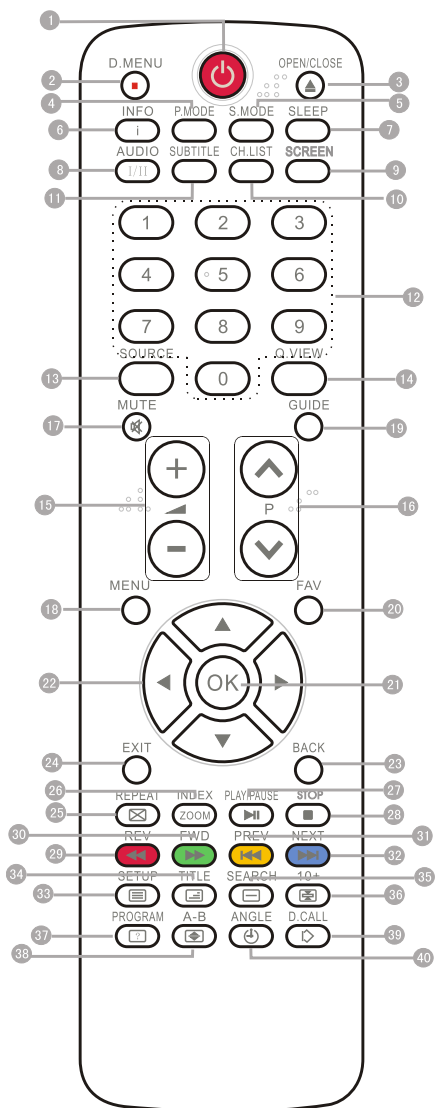


①	<b>SCART</b>	input
②	<b>Component</b>	input
③	<b>Component Audio</b>	input
④	<b>PC</b>	input
⑤	<b>PC/DVI AUDIO</b>	input
⑥	<b>HDMI3 IN</b>	input
⑦	<b>HDMI2 IN</b>	input

⑧	<b>Common Interface</b>	
⑨	<b>Earphone</b>	
⑩	<b>ANTENNA</b>	input
⑪	<b>Optical</b>	output
⑫	<b>USB</b>	
⑬	<b>HDMI1 IN</b>	input

## GET TO KNOW YOUR REMOTE CONTROL

When using the remote control, aim it towards the remote sensor on the TV.



- ① POWER
- ② DVD Menu / REC
- ③ DVD open / close
- ④ Picture Mode
- ⑤ Sound Mode
- ⑥ Call Screen Display
- ⑦ Sleep button
- ⑧ DTV Audio / NICAM / DVD Audio
- ⑨ Aspect Ratio Control button
- ⑩ Channel list button
- ⑪ Subtitle button
- ⑫ Program Number Channel selection
- ⑬ Source Exchange
- ⑭ Q.VIEW / Swap Channel
- ⑮ V+ / V-: Volume selection
- ⑯ P+ / P-: Channel selection
- ⑰ Mute
- ⑱ Menu button
- ⑲ GUIDE button (only for DTV)
- ⑳ Favourite list button
- ㉑ OK button
- ㉒ Cursor Mover button
- ㉓ Back button (only for USB)
- ㉔ Exit Screen Display
- ㉕ REPEAT (only for DVD & USB) / CANCEL button
- ㉖ Zoom (only for DVD & USB) / Teletext index (only for TV) / REC index
- ㉗ Play / Pause button (only for DVD & USB) / Timeshift
- ㉘ Stop (only for DVD, USB, REC & Timeshift)
- ㉙ Fast Reverse (only for DVD, USB, REC & Timeshift)
- ㉚ Fast Forward (only for DVD, USB, REC & Timeshift)
- ㉛ Previous (only for DVD, USB, REC & Timeshift)
- ㉜ Next (only for DVD, USB, REC & Timeshift)
- ㉝ DVD Set up / Text
- ㉞ DVD Title / Teletext Mix
- ㉟ DVD Search / Teletext Subcode
- ㊱ DVD 10+ / Teletext Hold
- ㊲ DVD Program / Teletext Reveal
- ㊳ DVD A-B Repeat / Teletext Size
- ㊴ DVD Call / Teletext Mode
- ㊵ DVD Angle / Teletext Time

**Note**

- ❑ RED button, GREEN button, BLUE button and YELLOW button are fast text button in analog signal. Function button in DVBT (just reference the OSD)



## CONNECTING YOUR TV

### ANTENNA CONNECTION

Connect your aerial to the back of the TV into the ANTENNA IN socket.

### IMPROVE YOUR SIGNAL

To improve picture quality in a poor signal area, use a signal amplifier (not supplied).

### CONNECT YOUR PC TO THE TV

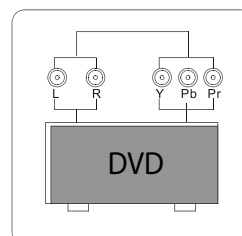
You can use your TV as a monitor for your personal computer by connecting it with a VGA cable (not supplied).

- 1 Read your computer user guide and check it has a VGA connector.
- 2 Turn the power off on your TV and PC.
- 3 Connect a D type 15-pin VGA interface cable to the VGA video interface connector on the PC. Connect the other end of the cable to the PC interface connector on the TV. Tighten the screws on the VGA connectors and connect the audio cable (not supplied) to the audio input socket on the back of the TV.
- 4 Turn on the power of the TV firstly and then the PC.
- 5 Press the button on the TV or TV remote control to set the video input mode to VGA.
- 6 Once the image shows, if there is noise present, change the VGA mode to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the menu until the picture is clear.

### CONNECT A DVD PLAYER TO YOUR TV

Connect the DVD video outputs (Y, Pb, Pr) to the COMPONENT (Y, Pb, Pr) IN socket on your TV.

- 1 Turn on the DVD player and insert a DVD.
- 2 Press the button to select .
- 3 Refer to the DVD player user guide for operating instructions.



### CONNECT A DVD PLAYER OR VCR TO YOUR TV

There are two ways in which you can connect a DVD player or VCR to your TV. Make sure that both the TV and DVD player or VCR are switched off before you connect them.

#### Connection Option 1

- 1 Connect the audio and S-VIDEO cables from the VCR output jacks to the TV input jacks.
- 2 Insert a video tape into the VCR and press **PLAY** on the VCR.
- 3 Turn on the power of the TV first, then the VCR.
- 4 Press the **SOURCE** button on the TV to set the video input mode to S-VIDEO.

#### Connection Option 2

- 1 Connect the AV DVD/VCR outputs to the AV IN socket on your TV.
- 2 Press the **SOURCE** button on the TV to set the video input mode to AV.

### SCART INPUT

- 1 Connect the scart lead from the external device (DVD player, Set-top box or games console) to the TV scart socket.

- 2 Press the **SOURCE** button to select SCART mode.
- 3 Press the **PLAY** button on the external device.

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## HDMI INPUT

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- 1 Connect the cable from the HDMI device to the TV HDMI socket.
- 2 Press the **SOURCE** button to select HDMI mode.
- 3 Refer to the HDMI device user guide for how to operate.

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## MOUNT YOUR TV ONTO THE WALL

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You can mount your TV onto the wall by using a wall bracket (not supplied). Use M4/M6 machine screws (4 pcs) to screw the TV onto the bracket (not supplied).

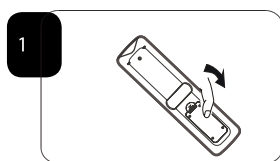
# PREPARATION OF YOUR REMOTE CONTROL

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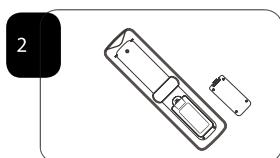
## BATTERY INSTALLATION

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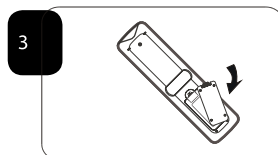
- 1 Place the remote control face down, then open the cover of the battery compartment.



- 2 Install two AAA batteries. (The + and - symbol of the battery must match with the marks on the remote).



- 3 Close the cover of the battery compartment.



---

## BATTERY CAUTION

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Confirm there is no object between the remote control and the remote sensor of the TV set.

Sunshine or other strong light will interfere with the signal sent by the remote control. In this situation turn the TV set to avoid the direct light source.

Do not put the remote control in direct heat or in a damp place as you may damage the remote.

Please use two AAA 1.5V batteries. Do not mix battery types. Install the batteries at the correct polarities. Do not use rechargeable batteries. If your TV is to be stored for a period of time, remove the batteries from the remote control.

# Getting Started

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## SETTING UP

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### LOCATION

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You will need to place your TV near your plug socket (so the power cable can comfortably reach) and within reach of your aerial socket or extension lead.

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### CONNECTION

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- 1 Insert your TV aerial lead into the Antenna input at the side of the TV.
- 2 Insert the batteries into the remote control. Make sure they are inserted the right way around,

matching the polarity as indicated inside the battery compartment.

## SWITCHING YOUR TV ON

- 1 Press the **POWER** button on the right side of the TV once. A red flashing light will appear in the corner of the screen.
- 2 Press **POWER** on the remote control. The TV will turn on and the red light will turn blue. This may take a few moments.
- 3 Select your chosen language when prompted from the list that will appear on screen. Use the **▶** button to scroll to the language you want and press to confirm.

## TUNING YOUR TV

### SWITCHING TO AN EXTERNAL SOURCE OTHER THAN THE TV

If you have attached a DVD player or similar external device to the TV, you will need to tell the TV to display the content from it. Simply press **SOURCE** which will bring up the source menu in the left corner of the screen, use the **▲** and **▼** button to highlight the required source and press **OK** select.

For details of how to plug in other equipment see GET TO KNOW YOUR TV on page 6.

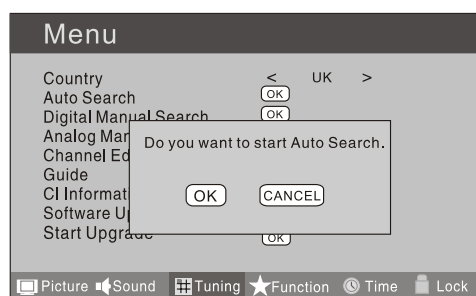


### AUTO SEARCH

- 1 Press **MENU** button.



- 2 Press **◀ ▶** button to select Tuning menu, press **▼** button to enter.
- 3 Press **▲ ▼** button to select Country item. Press **◀ ▶** button to select you needed.
- 4 Press **▲ ▼** button to select Auto Search item, press **OK** button to enter. Press **◀ ▶** button to select the OK option, and press **OK** button to start searching. Press the **MENU** button, you can choose to skip the TV /DTV Search or not.



- 5 Press **EXIT** button to stop auto search during searching.

#### Note

- It may take a few moments to complete the Auto Search.

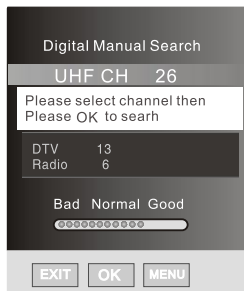
## DIGITAL MANUAL SEARCH

- 1 Press **MENU** button.



## Getting Started

- Press **◀ ▶** button to select Tuning menu, press **▼** button to enter.
- Press **▲ ▼** button to select Digital Manual Search item, press **▶** button to enter.

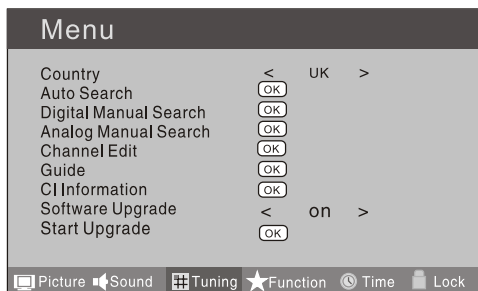


- Press **◀ ▶** button to select the Channel. Press **OK** button to start searching.
- Once a channel is located, you can press **OK** button to save it. Press **EXIT** button to exit.

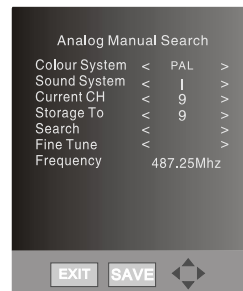
## Analog Manual Search

Follow the below steps when you need to have a manual search.

- Press **MENU** button.



- Press **◀ ▶** button to select Tuning menu, press **▼** button to enter.
- Press **▲ ▼** button to select Analog Manual Search item, press **▶** button to enter.



- Press **▲ ▼** button to select Search item, press **▶** button is used to select the higher frequency channel. Press **◀** button is used to select the lower frequency channel.
- And then select Storage To, press **◀ ▶** button to select the position number you want the channel on. Once a channel is located, you can press red button to save it. Press **EXIT** button to exit.

### ❖ Sound System

Press **▲ ▼** button to select "Sound System", then press **◀ ▶** button to select the correct sound system.

### ❖ Current CH

Press **◀ ▶** button to select the channel number to edit.

### ❖ Storage To

Press **◀ ▶** button to select the program number you want to storage to.

### ❖ Fine tune

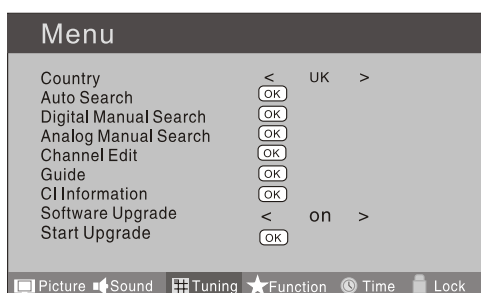
If the picture and/or sound are poor, try using the FINE TUNE feature. Do not use this feature unless reception is poor.

- Repeat above steps **1-3**, then press **▲ ▼** button to select the **Fine Tune** item.
- Press **◀ ▶** button repeatedly to carry out fine tune, till the best picture and sound are obtained, then loosen the button.

## Channel Edit

Using this function, you can rename, move, set favorite channel and skip the channel in the analogue mode.

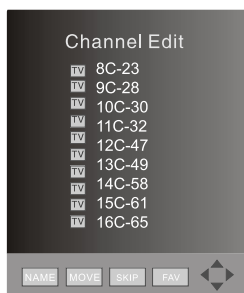
- Press **MENU** button.



- 2 Press **◀ ▶** button to select TUNING menu, press **▼** button to enter.
- 3 Press **▲ ▼** button to select CHANNEL EDIT item. Press **▶** button to enter the sub-menu. You can press red, green, yellow or blue button to enter the menu you need.

## RENAME

- 1 Press **▲ ▼** button to select the channel, and press green button to rename.



- 2 Press **◀ ▶** button to select the number position of channel name. Press **▲ ▼** button to select number.
- 3 You can press the **EXIT** button to cancel the changes at anytime.

### Note

- ❑ The RENAME function is only available in ATV program.

## MOVE

- 1 Press **▲ ▼** button to select the channel and press yellow button to select the position.

- 2 Press **▲ ▼** button to select the number position you want to remove to, press yellow button to confirm.
- 3 You can press the **EXIT** button to cancel the changes at anytime.

## Setting favourite channel

- 1 Press **▲ ▼** button to select the channel, press red button to set your favourite channel.
- 2 You can press the red button to cancel the changes at anytime.
- 3 Press **FAV** button on the remote control and Favourite List will be displayed.
- 4 Press **▲ ▼** button to select the channel, and press **OK** button to enter.

## SKIP

- 1 Press **▲ ▼** button to select the channel and press blue button to skip the current channel.
- 2 You can press the blue button to cancel the changes at anytime.

## GUIDE (Electronic Program Guide)

Using this function, you can access the DTV program information.

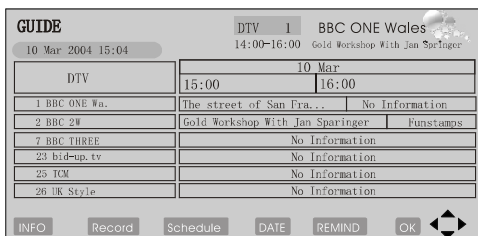
- 1 Press **MENU** button.



- 2 Press **◀ ▶** button to select TUNING menu. Press **▼** button to enter.

## Getting Started

- Press **▲ ▼** button to select the guide item.  
Press **OK** button to enter the submenu, the electronic program guide is displayed.  
You can quickly call up Guide menu by **GUIDE** button on the remote control.

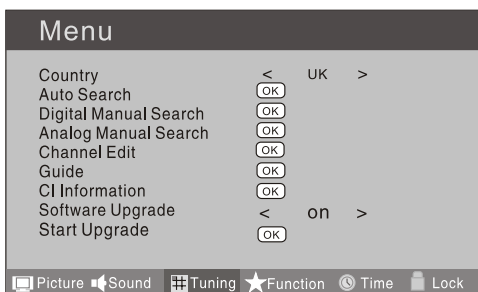


### Note

- Only DTV mode.

## COMMON INTERFACE

The common interface (CI) slot is designed to accept the Conditional Access (CA) Module and Smart card in order to view the pay TV programmes and additional services. Contact your Common Interface service provider to get more information about the modules and subscription. Please note that CA modules and smart cards are neither supplied nor optional accessories from us.

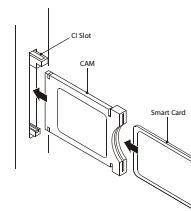


### Warning

- Switch off your TV before any module is inserted in the Common Interface slot.

## CI Module Insert

- Insert the CAM correctly, then Smart Card to the CI slot that is located at the side of the TV.



Main Menu  
Module information  
Smart card information  
Language  
Software Download

Press OK to select, or Exit to quit

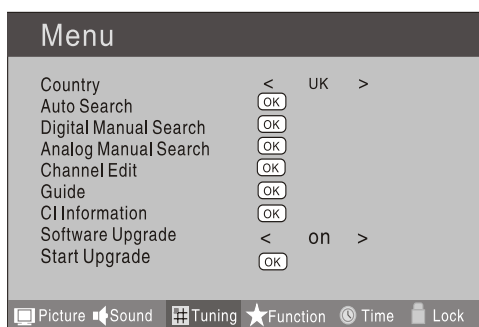
EXIT OK

- Turn on the TV and it will display the below message if the CA module is detected. Wait for few moments until the card is activated.
- Press the **MENU** button to display the Main Menu and use the **▲** and **▼** button to highlight the "Common Interface" line and press the **OK** button.
- Detailed information on the CI card in use is displayed.
- Press **OK** button to access the card menu. Refer to the module instruction manual for setting details.
- When module is removed, the following message will appear on the screen.

CI module removed

## Software Update function

- When you get the updating news from the TV shop's web, you can update the operating software using the Download menu. The data for various units are transferred consecutively on a special receiving channel.
- You need to search the channel with updating code stream.

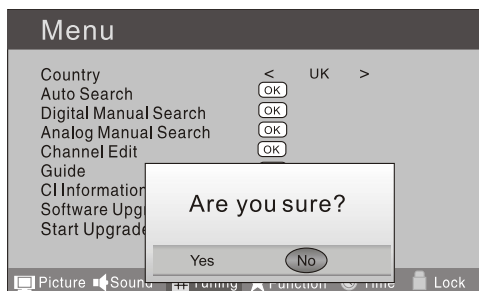


#### Note

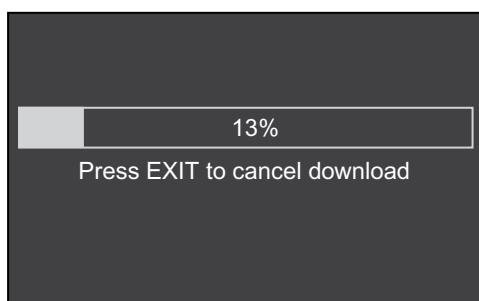
- You can get information from the TV shop or internet.

## Operation

- Press **MENU** button.



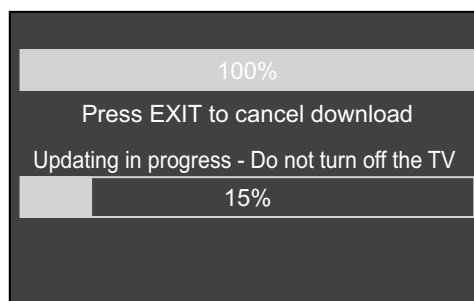
- Press **◀ ▶** button to select TUNING menu, press **▼** button to enter.
- Press **▲ ▼** button to select Software Upgrade item.
- Press **◀ ▶** button to set it as On. (The default is Off)
- The Start Upgrade item can be selected. (The default is grey and cannot be selected).



- Press **▲ ▼** button to select the Start Upgrade option and use **OK** button to enter. Then the TV will restart and search the upgrade information.

#### Note

- If the upgrade information is received, the TV will begin to upgrade. Or else, the TV will go back to the DTV source.
- Load the receiver identification. This process may also take several minutes. You can press **EXIT** button to cancel the download and your TV set will go back to the DTV source.



- After the download has finished, your TV set will enter configuration state and the indicator light is shining. The menu 4 of right appears. The set will be back the DTV source when the update is completed.

## USING YOUR TV

### How to select the TV program

- Using Program number button Enter the channel number with the number keypad on the remote control.
- Using **P+/P-** button. Press the **P+/P-** button to select a channel number.

### HOW to adjust volume

Press **V+/V-** button on the remote control or the side of the TV to adjust the volume level.

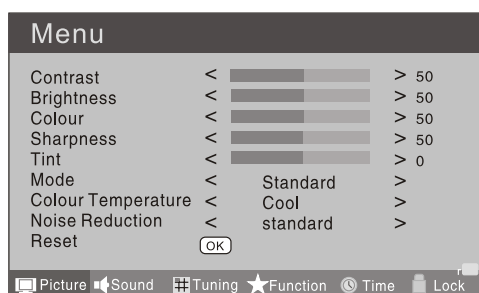
## CH.LIST function

Press **CH.LIST** button on the remote control will display Channel List menu, and then press **▼** button to enter. Press **▲ ▼** button to select the channel, and then press **OK** button to enter.

## ADJUSTING PICTURE SETTINGS

### Changing the Picture Setting

- 1 Press **MENU** button.



- 2 Press **◀ ▶** button to select Picture menu, press **▼** button to enter.
- 3 Press **▲ ▼** button to select the item requires adjusting.
- 4 Press **◀ ▶** button to adjust the selection item.
- 5 When you are satisfied with your choice, press the **EXIT** button to return to normal viewing or press **MENU** button to return to the previous menu.

#### ❖ Contrast

This will adjust the intensity of bright parts in the picture but keep the dark parts unchanged.

#### ❖ Brightness

This will adjust the light output of the complete picture, which will mainly affect the darker areas of the picture.

#### ❖ Colour

This will adjust the saturation level of the colours to suit your personal preference.

#### ❖ Sharpness

This will adjust the sharpness of fine details in the picture.

#### ❖ Tint

Allows you to select the colour mix (Tint) of the picture.

#### ✎ Note

- The Tint function is only available in NTSC mode.

#### ❖ Mode

This will select the picture mode. Select **Standard/Mild/User/Vivid** according to the program. You can quickly select the desired mode by **P.MODE** button on the remote control.

#### ❖ Colour temperature

This will increase or decrease **Warm** (red) and **Cool** (blue) colours to suit personal preferences. Select **Cool** to give the white colour a blue tint, **Normal** to give the white colour a neutral tint, **Warm** to give the white colour a red tint.

#### ❖ Noise Reduction

Automatically filters out and reduces the image noise and improves picture quality when receiving weak video signals. Select **Off/Low/Standard/High** according to the image noise.

#### ❖ Reset

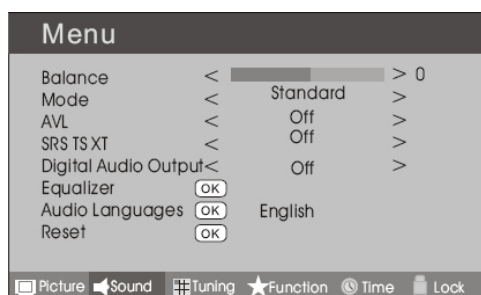
To recover to the default value.

## ADJUSTING SOUND SETTINGS

### Changing the Sound Setting

- 1 Press **MENU** button.
- 2 Press **◀ ▶** button to select Sound menu, press **▼** button to enter.





- 3 Press ▲ ▼ button to select the item requires adjusting.
- 4 Press ◀ ▶ button to adjust the selection item.
- 5 When you are satisfied with your choice, press the **EXIT** button to return to normal viewing or press **MENU** button to return to the previous menu.

#### ❖ Balance

This will adjust the output of the right and left speakers to obtain the best stereo reproduction for your listening position.

#### ❖ Mode

This will select the sound mode.  
Press ◀ ▶ button to select **Standard/Music/Theater/User** according to the program. You can quickly select the desired mode by **S.MODE** button on the remote control.

#### ❖ AVL (Automatic volume control)

This will reduces the differences in volume level among broadcasters.

#### ❖ SRS TS XT

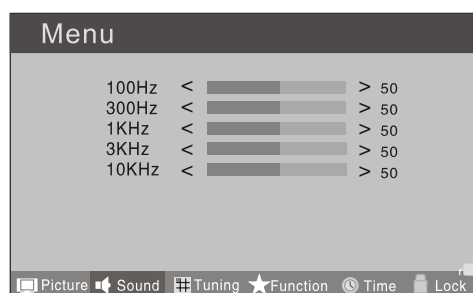
This will control the Woofer output.  
Press ▲ ▼ button to select SRS TS XT.  
Press ◀ ▶ button to set SRS TS XT as **OFF, ON**.

#### ❖ Digital Audio Output

This will control the Digital Audio Output.  
Press button to select Digital Audio Output.,  
Press button to set Digital Audio Output. as **OFF, PCM,RAW**.

#### ❖ Equalizer

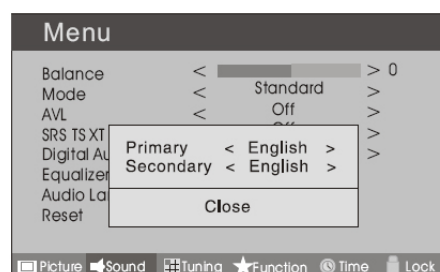
This sound setting can be adjusted to suit your personal preference.



#### ❖ Audio Languages

Press ▲ ▼ button to select Primary/Secondary item, and then press ◀ ▶ button to select the languages you needed.

Press ▼ button to select Close item, press **OK** button to close it.



#### ✎ Note

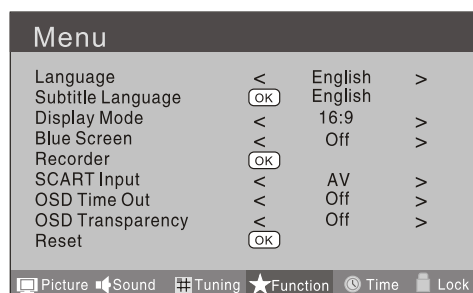
- The Audio Language function is only available in DTV mode.

#### ❖ Reset

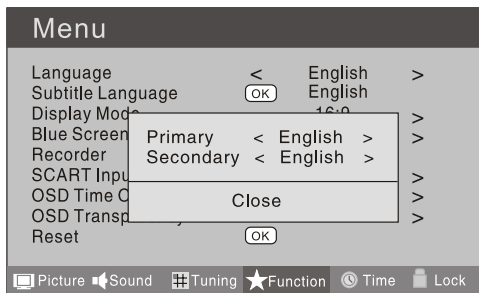
To recover to the default menu setting.

## FUNCTION SETTINGS

- 1 Press **MENU** button.



- 2 Press ◀ ▶ button to select Sound menu, press ▼ button to enter.



- 3 Press ▲ ▼ button to select the item requires adjusting.
- 4 Press ◀ ▶ button to adjust the selection item.
- 5 When you are satisfied with your choice, press the **EXIT** button to return to normal viewing or press **MENU** button to return to the previous menu.

#### ❖ Language

To select the menu language.

#### ❖ Subtitle Language

To select the Subtitle language.

#### ❖ Display Mode

To set the picture proportion, press ◀ ▶ button to select 4:3/Zoom1/Zoom2/Wide/16:9/Auto. You can quickly select the desired mode by **SCREEN** button on the remote control.

##### • 4:3 mode

Choose **4:3** when you want to view a picture with an original 4:3 aspect ratio, with gray bars appearing at both the left and right sides.

##### • 16:9 mode

Choose **16:9** when you want to adjust the picture horizontally, in a linear proportion to fill the entire screen.

##### • Zoom1

Choose **Zoom1** when you want to view the picture without any alteration. However, the top and bottom portions of the picture will be cropped.

##### • Zoom2

Choose **Zoom2** when you want the picture to be altered, both vertically extended and cropped. The picture taking a halfway trade off between alteration and screen coverage.

##### • Wide

Choose **Wide** when you want to adjust the picture in a non-linear proportion, that is, more enlarged

at top sides and no alteration, at bottom side.

#### ❖ Blue Screen

This will select the character background colour.

#### ✎ Note

- The Blue Screen function is only available for ATV mode.

#### ❖ Recorder

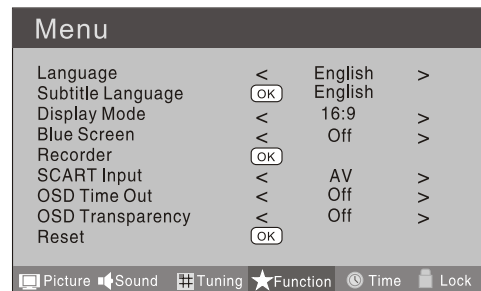
To record the DTV program. Details of Recording are described on the page of 25-27.

#### ❖ SCART Input

The item does not work.

#### ❖ OSD Time Out

To set how long you want the menus to appear on-screen. Each press of ◀ ▶ button repeatedly to select the number of preset minutes, the Time will be set in sequence: off, 10sec, 15sec, 30sec, 45sec, 60sec.



#### ❖ OSD Transparency

To set the transparency background of OSD, the transparency will be set in sequence: Off, 25%, 50%, 75%, 100%.

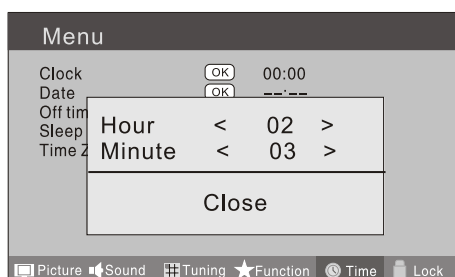
#### ❖ Reset

To recover to the default value.

## TIME SETTINGS

### ❖ Clock

- 1 Press **MENU** button.
- 2 Press **◀ ▶** button to select **Time** menu, press **▼** button to enter.
- 3 Press **▲ ▼** button to select Clock item, press **▶**

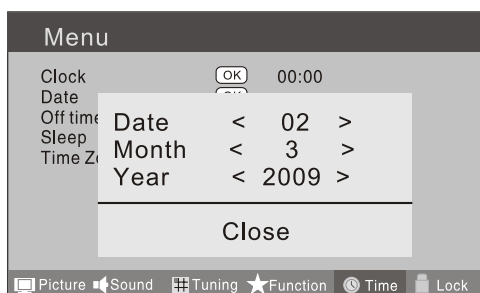


button to enter setting.

Press **▲ ▼** button to select hour or minute, press **◀ ▶** button to adjust the value.

### ❖ Date

- 1 Press **MENU** button.
- 2 Press **◀ ▶** button to select **Time** menu, press **▼** button to enter.



- 3 Press **▲ ▼** button to select Date item, press **▶** button to enter setting. Press **▲ ▼** button to select the option, and then press **◀ ▶** button to adjust value.

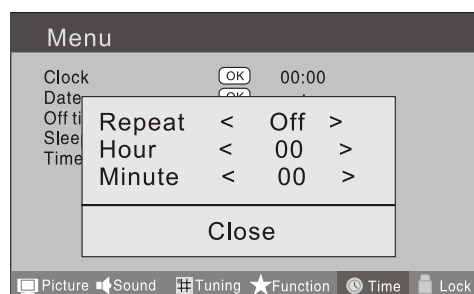
### Note

- ❑ In DTV mode, because the time information is from the signal, the Clock and Date are not able to be changed. If you want to change the time, turn off the TV in

ATV mode, then turn on the TV.

### ❖ Off Time

- 1 Press **MENU** button.
- 2 Press **◀ ▶** button to select **Time** menu, press **▼** button to enter.



- 3 Press **▲ ▼** button to select Off Time item, press **▶** button to enter setting.

Press **▲ ▼** button to select Repeat option, and then press **▶** button to set it on.

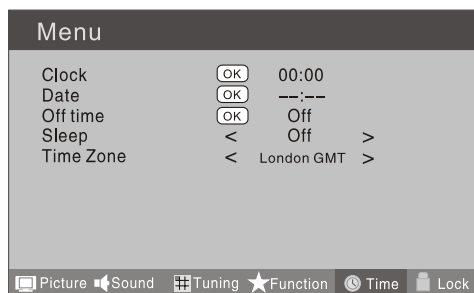
Press **▲ ▼** button to select hour or minute, press **◀ ▶** button to adjust the value.

When the off time has arrived, the TV set will enter into standby mode.

### ❖ Sleep

The sleep timer automatically shuts off the TV after a preset time (from 5 to 240 minutes).

- 1 Press the **MENU** button and then use **◀ ▶** button to select the **Time** menu.

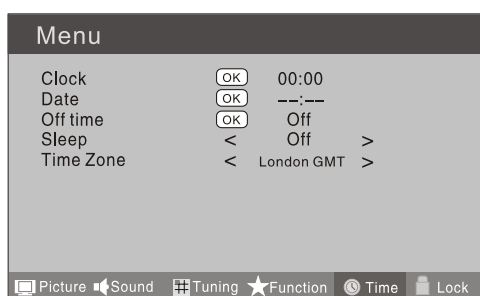


- 2 Press the **▼** button and then use **▲ ▼** button to select the **Sleep**.
- 3 Press the **◀ ▶** button and then use **◀ ▶** button to select the number of minutes. Select **Off, 5Min, 10Min, 15Min, 30Min, 45Min, 60Min, 90Min, 120Min, 180Min, 240Min**.
- 4 When you are satisfied with your choice, press **MENU** button to return to the previous menu or

press the **EXIT** button to return to TV viewing. And the time begins to count down from the number of minutes selected.

### ❖ Time Zone

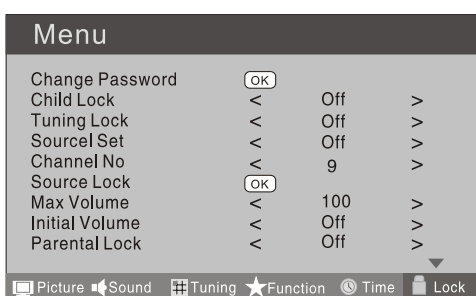
- 1 Press **MENU** button.



- 2 Press **◀ ▶** button to select **Time** menu, press **▼** button to enter.
- 3 Press **▲ ▼** button to select Time Zone item.
- 4 Press **◀ ▶** button to select the correct time zone.
- 5 Press **MENU** button to save and exit.

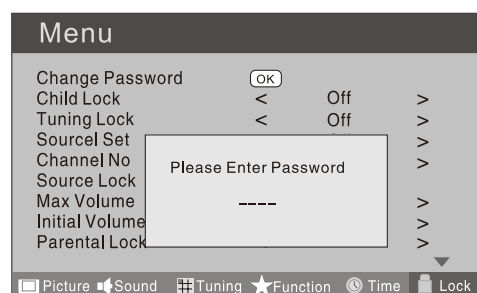
## LOCK MENU SETTING

Using this function can control the tuner, program, source volume and so on. Pressing **MENU** on the remote control, press **◀ ▶** button to select Lock menu, press **▼** button to enter the sub-menu, and you will be required to enter the password. The initial password of the television is 0000. If you forget your password, you can always input 9443 to regain control.



### ❖ CHANGE PASSWORD

- 1 Press **▲ ▼** button to select Change Password item. Press **▶** button to enter the submenu.



- 2 When you have inputted the four digits you will be prompted to enter it again. Your new password will then be automatically saved.

### ❖ CHILD LOCK

Press **▲ ▼** button to select Child Lock. Press **◀ ▶** button to set **On** or **Off** mode. If lock on mode is set, Child Lock is in activated automatically. In such case, if **Child Lock** button (button on the television) is pressed, the screen will display **Child Lock**, which can be erased by press of **MENU** button. 5 seconds later after the latest press, the screen display will disappear automatically. The Child Lock mode can be resumed by entering Lock Set menu, set Child Lock **On** or **Off**.

### ❖ Tuning Lock

Press **▲ ▼** to select Tuner Lock and **◀ ▶** to set On/Off. (To set On, some operation such as search will be not available. When enter the Tuning menu, Tuner Lock will be on the screen. If you want to operate Tuning menu, you need to enter the Lock menu to set Tuner Lock Off or operate unlock.)

### ❖ Channel NO.

Channel NO. is opted for setting up preset channel. Press **▲ ▼** button to select preset Channel. Press **◀ ▶** button to select channel number.

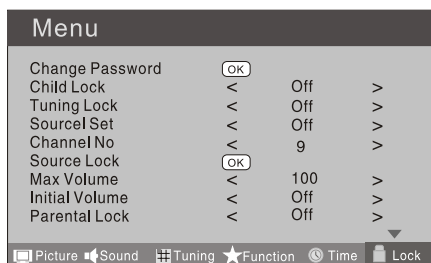
### ❖ Source set

Channel set is opted for setting up start source. Press **◀ ▶** button to select Off, DTV, TV, SCART, S-Video, Component, PC, HDMI1, HDMI2, HDMI3, USB in turn.

### ❖ Source Lock

Source Lock will control the On or Off of hinder external input modes. Press **◀ ▶** button to set as on or off. When the source lock is set as on, TV source will display, at this time, when press **SOURCE** button, the TV can switch to corresponding source and will

display the Source is locked.



### ❖ Max Volume

Press **▲▼** button to select Max Volume. Press **◀▶** button for adjustment between 0-100. If a certain Value is set, when volume is being adjusted, the sound value can not exceed maximum volume value. If current volume is over Max Volume, when lock set menu is set, current volume will become set maximum volume, if current volume is below maximum volume, customer set volume will stay unchanged.

### ❖ Initial Volume

The TV will remember it after your setting, that will be the volume when turning back on the TV the next time.

### ❖ Parental Lock

Press **▲▼** button to select parental lock. Press **◀▶** button to select OFF or 4-18 to limit the age of children who will watch TV.

### ❖ Clear Lock

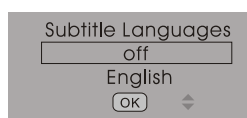
Press **▲▼** button to select Unlock mode. Press **◀▶** button to unlock all set modes, setting all lock options to off, and the maximum volume returns to 100.

## SHORTCUT MENU

## DISPLAY

### ❖ Subtitle Function

- 1 Press **SUBTITLE** button on the remote control will display Subtitle languages menu, press **▼** button to enter.



- 2 Press **▲▼** button to select the item and press **OK**

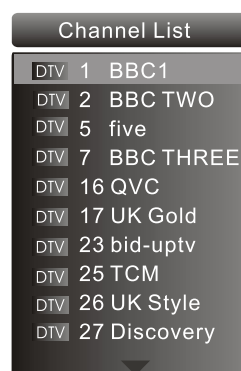
button to enter. You can press the **EXIT** button to cancel the changes at anytime.

### Note

- ❑ Press **SUBTITLE** button on the remote, it will display subtitle languages menu only in the DTV mode.

### ❖ CH.LIST Function

- 1 Press **CH.LIST** button on the remote control, will display Channel List menu.



- 2 Press **▲▼** button to select the channel and press **OK** button to enter. You can press the **EXIT** button to cancel the changes at anytime.

### ❖ GUIDE Function

Press **GUIDE** button on the remote control, will display Program Guide menu, press **▲▼◀▶** button to select the program. You can press the **EXIT** button to cancel the changes at anytime.



### Note

- ❑ Available only in the DTV mode.

### ❖ FAV Function

Press **FAV** button on the remote control, will display Favourite List menu. Press **▲▼** button to select program and press **OK** button to enter. You can press the **EXIT** button to

cancel the changes at anytime.



❖ **INFO**

Press **INFO** button on the remote control, will display the current channel information. You can press the **EXIT** button to cancel the changes at anytime.



❖ **AUDIO/I/II**

Press **AUDIO** button on the remote control, will display Audio Languages menu. Press **▲ ▼** button to select the desired settings and press **OK** button to enter. You can press the **EXIT** button to cancel the changes at anytime.



**Note**

- ❑ Press **AUDIO** button on the remote, it will display Audio Languages menu only in the DTV mode.

❖ **Eliminate Sound**

When you need to pay attention to surrounding sounds, or there is a telephone call or there are some guests visiting you, the sound elimination (mute) function is very convenient.

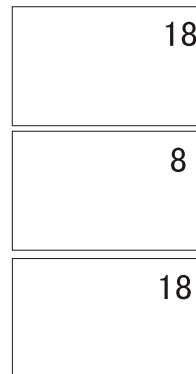
- 1** Press the **MUTE** button on the remote control and "Mute" type face will display on the lower part of the screen. At this Time, the sound of the TV set is turned off.
- 2** If you want to recover the sound, press the **MUTE**

button again or directly press **V+** button.

❖ **Quick program view**

This function enables quick swap to the last watched program. Press **Q.view** button, and the TV will be back to the TV source, except in the USB and DVD source.

- 1** Suppose the channel number you used just now is 8 and the channel number you are using is 18 (as shown in the figure).



- 2** If you want to return to the last watched program channel 8, you can simply press the **Q.View** button.
- 3** If you want to return to channel 18, press the button again. Use this function, you can easily change between the channel you are using and the channel you used last Time.

## USING THE FEATURES

### Teletext functions


Teletext is an information system, broadcast by certain channels, which can be read like a newspaper. It also provides subtitles for people with hearing difficulties or those who are unfamiliar with the language in which a particular program is being broadcast (cable networks, satellite channels, etc.).

#### Note

- ❑ The **teletext** buttons could be working even if there is no teletext signal, but there is no teletext display.

### Teletext

#### ❖ Teletext functions

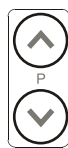
To select "teletext" press the  button on the handset. To switch off teletext, press the button again. "Note all menu functions are not available in teletext mode". Only a few direct button control functions are available in teletext mode, they are:

- Volume adjustment
- Mute function



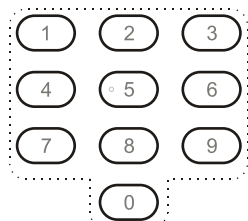
#### ❖ Page up/down

Use the P+/P- buttons to browse next or previous page.




#### ❖ Page number entering

To select a Teletext page, enter the page number using the numeric key pad on the remote control, or use the P+ or P- buttons, or the coloured Fast text buttons.



#### ❖ Mix mode

To view the TV picture while in Text mode press the  button, this will superimpose the Teletext data on top of the TV picture. Press this button again to return to Full text.




#### ❖ INDEX

Press the **INDEX** button to go to the index page of teletext.




#### ❖ Language change

Pressing the  button will change the Teletext characters between Eastern and Western.




#### ❖ Hold

Pressing the  button will stop the teletext page automatically updating. This feature is very useful where there are several teletext pages or data on the same page number.




#### ❖ Size

Pressing the  button changes between full screen top half bottom half full screen. This feature is very useful as it magnifies the image making the characters easier to read.




#### ❖ Reveal

Pressing the  button will reveal hidden text. This feature is used to reveal information such as answers to Teletext on-line interactive puzzles.



### ❖ Time

While in normal TV mode only, pressing the button  will display the teletext time in the top right hand corner for a few seconds.




### ❖ Fast text coloured buttons

Fast text automatically displays the four most commonly used pages that the broadcaster thinks that you may want to choose next. Press the same coloured button on the remote control as the coloured link at the bottom of the teletext page to go directly to that page.



### ❖ Subcode

Pressing the  button by entering its 4-digit number to enter a secondary page.



## USB MODE

### Note

- ❑ The diagrams in the following section are schematic and only for your reference. Please see the actual product if necessary.
- ❑ The OSD of the USB function may be somewhat different from your product because it is just example to help the instruction.

## TO USE THE USB DEVICE

### **1** Supported file formats:

- Photo: \*.jpg;
- Music: \*.mp3 files;
- Movie: \*.avi files;
- TEXT: \*.txt

### Note

- ❑ Due to the particularity of file recording, some files may be unable to be read.

### **2** Supported equipment:

Support the equipment that supports Mass Storage Protocol and whose file system is FAT32, such as some USB disks, mobile harddisks, and MP3 player. If USB equipment could not be identified due to unsupported file system, please format the equipment to the above-mentioned file system.

### **3** To achieve smooth playing, ensure the following:

- The file code rate should be lower than 300KB/S;
- Due to the limitation of USB signal transmission distance, it is recommended not to use USB patch cord, in case of using the cord, make sure that its length is not over 1m;
- Use high-speed USB equipment in conformity with USB2.0 full speed Interface Standard; If USB equipment in conformity with USB1.1 full speed Interface Standard is used, the playing may be unsmooth.

## When connecting/removing the USB device

- 1** Press "**SOURCE**" on the remote control unit to select USB option.
- 2** Insert USB equipment into corresponding USB interface 2s after starting the system.
- 3** After entering the system menu, press "**◀ / ▶**" on the remote control unit to select the require USB files, press "**OK**" button to confirm the selection and enter the file list relative to the selection.
- 4** Press "**▲ / ▼**" on the remote control unit to select the required file, press "**OK**" button to enter the selected file.
- 5** To exit the streaming media playing system and watch a TV program, you must press "**BACK**" button to return to the streaming media main menu at first (to protect equipment), and then press "**SOURCE**" to select "TV" to return to the TV mode.

### Note

- ❑ Under source of USB, when press button **MENU**, screen goes black, except when images or movies are being played.
- ❑ While playing the USB, press "**BACK**" button repeatedly, the screen picture will return to USB main interface, and only at this time you can switch corresponding signal sources by pressing "**SOURCE**" again.



- ❑ Please do not unplug the USB device when the connected USB storage device is working. When such device is suddenly separated or unplugged, the stored files or the USB storage may become damaged.

## Operating the USB device

- 1 Press "▲/▼" to scroll through main menu or submenu and select your desired option.
- 2 Press "OK" to confirm your selection.
- 3 Press "◀/▶" to achieve the FWD (fast forward) and REV (fast back) of the option being played.
- 4 Press "PLAY/PAUSE" to play, and press it again to pause playing.
- 5 Press "ZOOM" to magnify pictures; when the picture is enlarged, press "◀/▶" and "▲/▼" to move the picture.
- 6 Press "STOP ■" to stop playing, or return to the previous menu, and press "BACK" repeatedly to return to the main menu.

### Note

- ❑ You can choose the photos or music in different files to play together.

## Playing a Picture

- 1 After entering USB main interface, press "◀/▶" to select "PHOTO" item.
- 2 Press "OK" to confirm the selection and enter the picture file list.



- 3 Press "▲/▼" to select the picture you want to play, press "OK" to confirm, and then press "PLAY/PAUSE" button to play the pictures.

- 4 If you want to pause the picture which is being played, press the **PLAY/PAUSE** button again. Press "**ZOOM**" to magnify the picture. When the picture is enlarged, press "◀/▶" and "▲/▼" to move the picture. Press "**PREV/NEXT**" to select the last or next picture. Press "▲/▼" to rotate the picture. Press "**STOP ■**" to stop the picture being played.
- 5 To exit playing, just press "**BACK**" repeatedly.

### Note

- ❑ The menu display varies with the photo name and pixel in your equipment.

## Playing Music

- 1 After entering USB main interface, press "◀/▶" to select "MUSIC".
- 2 Press "OK" to confirm the selection and enter the music file list.



- 3 Press "▲/▼" and "OK" button to select the music you want to play, then press "PLAY/PAUSE" button to play the music. Press "◀/▶" to achieve the REV (fast back) and FWD (fast forward) of the music being played. Press "**PREV/NEXT**" to select the last or next music. Press "**STOP ■**" to stop the music being played, when the current interface is the music being played.
- 4 To return to the main menu, just press "**BACK**" repeatedly.

### Note

- ❑ You can enjoy the music and the picture at the same time.

## Playing a Movie

- 1 After entering USB main interface, press “◀ / ▶” to select “Movie”.
- 2 Press “OK” to confirm the selection and enter the movie file list.



- 3 Press “▲ / ▼” and “OK” button to select the movie you want to play, and then press “PLAY/PAUSE” button to play the movie.  
Press “ZOOM” to magnify the picture.  
Press “PREV/NEXT” to select the last or next movie.  
Press “STOP ■” to stop the movie being played.
- 4 To exit playing, just press “BACK” repeatedly.

## Text

- 1 After entering USB main interface, press “◀ / ▶” to select “Text”.
- 2 Press “OK” to confirm the selection and enter the text file list.



- 3 Press “▲ / ▼” and “OK” button to select the text you want to play, and then press “PLAY/PAUSE” button to play the text.  
Press “PREV/NEXT” to select the last or next text.

- 4 To exit the “Text” mode, just press “BACK” repeatedly.

### Note

- You can enjoy the music and the text at the same time.

## USING EXTERNAL USB

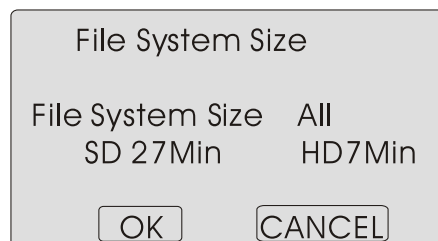
### DISK FOR RECORDING

- 1 Insert the USB device with FAT32 format into the USB1 connector. Then, press **MENU** button.



### Note

- Only USB1 is available for recording.
- 2 Press ◀ ▶ button to select FUNCTION menu, press ▼ button to enter .
  - 3 Press ▲ ▼ button to select Recorder. Press **OK** button to enter the submenu.
  - 4 Press ▲ ▼ button to Select Disk and press ▶ or **OK** button to enter. Press ◀ ▶ button to select disk if your device has several disks.
  - 5 Press ▲ ▼ button to select Format and press ▶ to enter. Press ◀ ▶ button to select the size you want to format. Press **OK** button to format the USB Disk.



**Note**

- ❑ The system will format the whole device and if your device size is bigger than 1GB, you can set the size which is used for time shift.
- 6** Format may take several minutes and the time is depending on the memory size. Press ◀ ▶ button to select the Time Shift Disk Size. The max device size for Time Shift is 8GB. Then, press **OK** button to save.

Format  
Do not unplug USB device  
Formatting.....

Time Shift Size

Time Shift Size	All
SD 14Min	HD4Min
<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>

**Note**

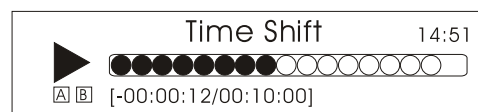
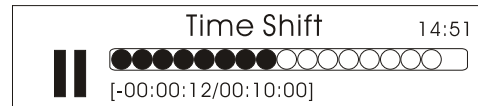
- ❑ If you select all the size format for time shift, you can not do any recording.
- 7** Waiting for the system checking. And you can see the speed data after the success checking.

**Note**

- ❑ Only have to format when you use the device for recording for the first time.
- ❑ The minimum device size for record is 1GB. Provide device formatting function is up to 2TB. The max Multi-Partition is 16 partitions and one is active at a time.
- ❑ Bit rate:
  - Device bit-rate>4.5MB/s REC is safe at HD stream
  - Device bit-rate>1.5MB/s REC is safe at SD stream
  - Device bit-rate<600KB/s REC is bad for REC
- ❑ The system can not work normally if the USB device has the problems listed below:
  - The device has bug.
  - The device has error block.
  - The device reports the unfaithful size.

**IMPORTANT**

- USB device should be formatted as FAT32 format by your PC before inserting into the USB Port.

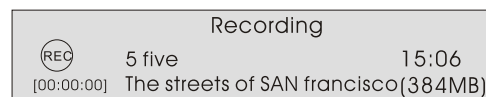
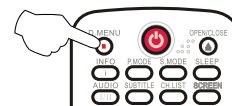
**TIME SHIFT**

Time Shift function is only available in DTV mode. Press **PLAY/PAUSE** to pause the program, and press **PLAY/PAUSE** again, the time shift program will be played. If you want to stop time shift function, press the **STOP** button.

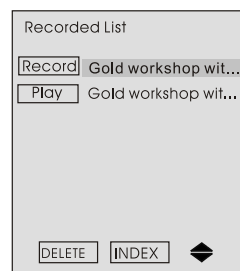
You can stop the time shift program being played by pressing the **STOP** button.

**RECORDING**

- 1** Press **D.MENU** button to record the program being played, and press **D.MENU** or **EXIT** button to make the recording interface minimum.



- 2** Press **STOP** button to stop the program recording being played.
- 3** For Playback of the recorded program. Press **INDEX** button to open the recorded list.



Press ▲ ▼ button to select the content you recorded.  
Press the ► button to display the program information.



Press ◀ button to cancel.  
Press **OK** or **PLAY/PAUSE** button to play the program recorded and press **STOP** button to stop it.



**Note**

- Changing the channel will not influence the recording in the same frequency, but will influence the time shift. When the recorded program is being played, you can not delete it.
- Press the **INDEX** button repeatedly, the program will be displayed in the order of program name, channel name, program time, file name and file length.

## Reference Sections

### TROUBLESHOOTING

■ To assist in location of possible faults use the help guide below:

<b>No picture, no sound</b>	Verify if the television is properly plugged in. Verify if the television has a proper supplied power source. Verify if electricity is available.
<b>Blank screen</b>	Verify if correct signals are input. Operate the remote to change signal input to correct input. Restart the television if power supply is interrupted.

<b>No sound</b>	Press <b>MUTE</b> button and verify if Mute mode is set. Switch to other channel and verify if the same problem happens. Press <b>VOL+</b> button to see if the problem can be solved.
<b>Poor sound</b>	Verify if sound system is correct. Refer to user's manual for adjustment.
<b>No picture in some channel</b>	Verify if correct channel is selected. Adjust the antenna.
<b>No color for some channel program (black and white)</b>	Verify if the same problem exists in other channels. Check out of picture and sound systems. Refer to relative instructions in the Manual for color adjustment.
<b>Spots with some or all pictures</b>	Verify if the antenna is correctly connected. Verify if the antenna is in good condition. Make fine adjustment of channel.
<b>Television out of control</b>	Disconnect the television from power supply and 10 seconds later, connect the television to the power supply. If the problem still exists, contact authorized after-sales service for technical assistance.

**Note**

- If the fault can not be repaired using the above guide consult with your local authorized service centre.
- The TV set must only be repaired by a qualified registered service person. Never attempt to remove the back cover as the TV set has dangerous voltages in side that may cause a fatality or fire.

# SPECIFICATION

Specifications of the television that you have just purchased may vary from the information in this table due to technical innovations.

Picture, sound system	PAL/SECAM-B/G,I,D/K,L,L'
Audio output	≥ 8W+8W
External input port	COMPONENT input PC input Audio input SCART Antenna input HDMI input, USB
Power requirements	See rating plate
Power consumption	See rating plate
Temperature	Working:5°C~35°C Storage:-15°C~45°C
Humidity	Working:20%~80% Storage:5%~90%
Accessories	Remote control , AAA battery x2 , Instruction Manual , Warranty , Quick Start Guide TV Stand 5XScrews for TV stand Component adapter,Component audio adapter ,SCART adapter Cover bottom

## NOTE

- All specifications are subject to change without notice .
- All quality are approximate value.



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