CONTENTS

IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions** – All the safety and operating instructions should be read before this product is operated.
- **Keep these instructions** – The safety and operating instructions should be retained for future reference.
- **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
- **Follow all instructions** – All operating and use instructions should be followed.
- **Do not use this apparatus near water** – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer,or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please keep the unit in a well-ventilated environment.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing. Objects filled with liquids, such as vases should not be placed on apparatus.
- **WARNING:** The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- **WARNING:** The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
- **WARNING:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

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

2

SAFETY INFORMATION

This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health.
Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly.

WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instruction.

To ensure reliable and safe operation of this equipment, please carefully read all the instructions in this user guide, especially the safety information below.

Electrical Safety
• The TV set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
• To prevent overload, do not share the same power supply socket with too many other electronic components.
• Do not place any connecting wires where they may be stepped on or tripped over.
• Do not place heavy items on any connecting wire, which may damage the wire.
• Hold the main plug, not the wires, when removing from a socket.
• During a thunderstorm, or when not using the television for extended period of time, turn off the power switch on the back of the television.
• Do not allow water or moisture to enter the TV or power adapter. Do NOT use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
• Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid is spilled onto the set, if the TV set accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the TV set does not work normally.
• Do not remove the safety covers. There are no user-serviceable parts inside. Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Qualified personnel must only service this apparatus.
• To avoid a battery leakage, remove batteries from the remote control, when the remote is not use for long period, or when the batteries are exhausted.
• Do not break open or throw exhausted batteries into a fire.

Physical Safety
• Do not block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
• Do not tap or shake the TV screen, or you may damage the internal circuits. Take good care of the remote control.
• To clean the TV use a soft dry cloth. Do not use solvents or petroleum based fluids.
• Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
• Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade, or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
• Protect the power cord from being walked on or pinched particularly at plugs.
• Unplug the apparatus during lightning storms or when unused for long periods.
• Refer all servicing to a qualified service personnel. Servicing is required if the apparatus does not operate normally or if the apparatus, including the power supply cord or plug, has been damaged in any way.
• Servicing is also required if liquid has been spilled, or objects have fallen into the apparatus; when the apparatus has been exposed to rain or moisture; or if the apparatus has been dropped.
• Always connect your television to a power outlet with protective ground connection.

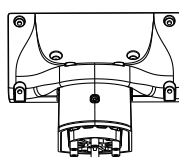# PREPARATION

What is Included
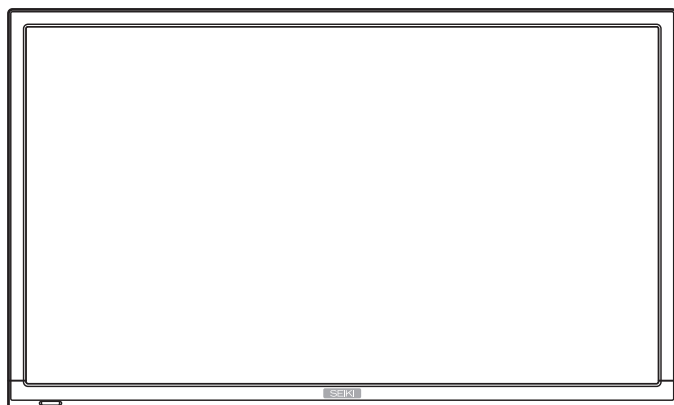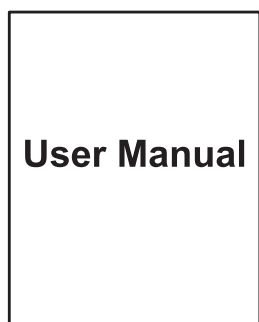
TV Set
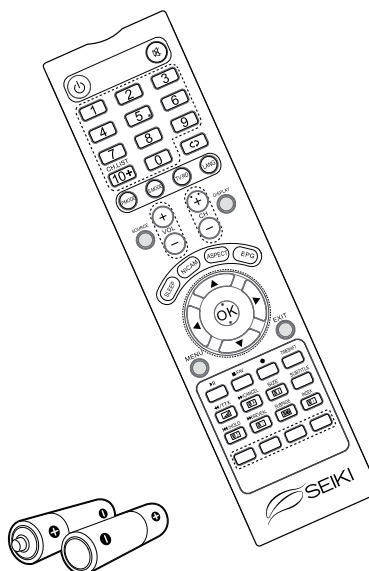
Remote Control with Batteries

Base Stand

Stand Support

Six Screws:MP4×12-HO

Six Screws:TPW4×12A-HO

User Manual

User Manual
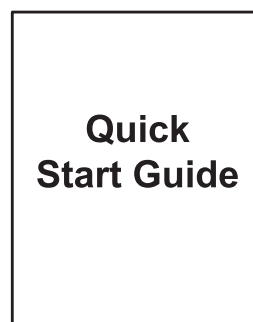
Quick Start Guide

Quick Start Guide
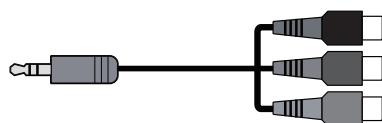
MINI YPBPR cable
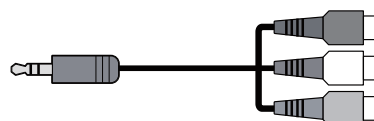
MINI AV cable

▤ Front View
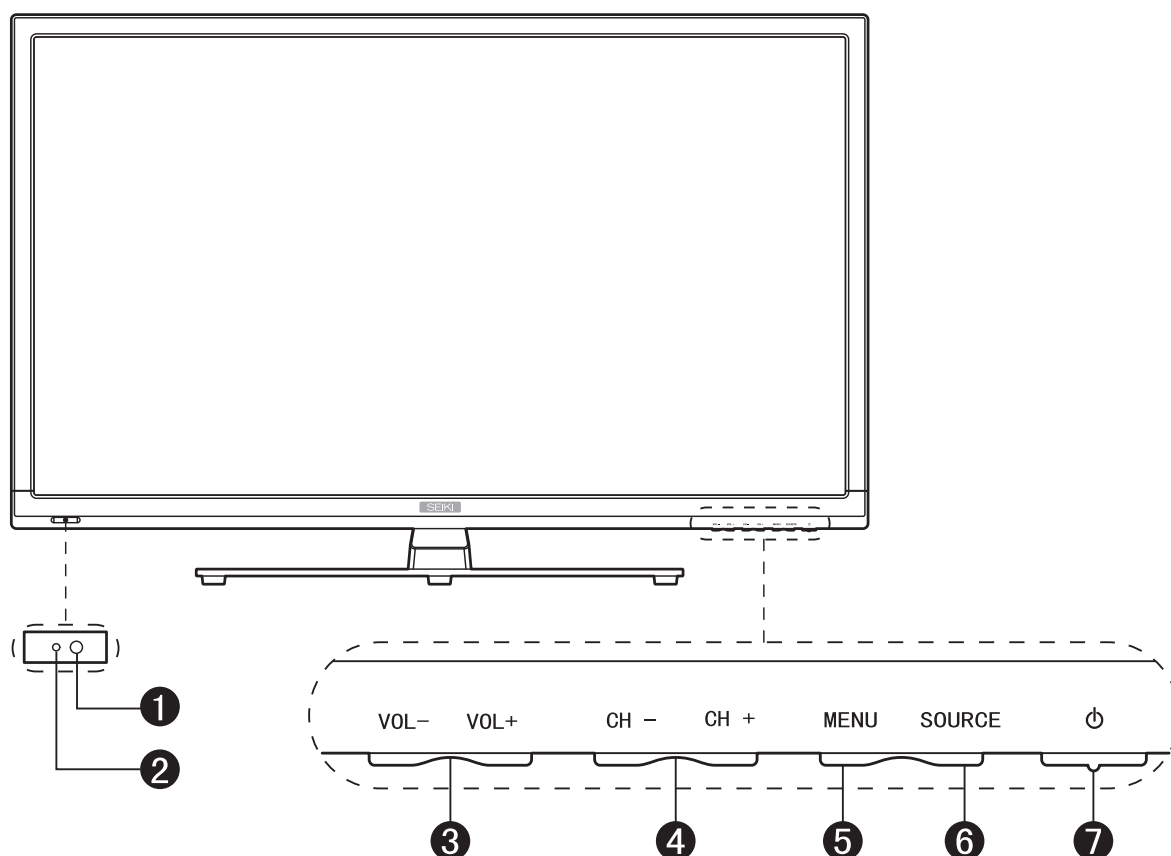
1. **IR (Infrared Receiver)**
   Receive IR signals from the remote control.
2. **POWER Indicator**
   Illuminate blue when the TV is turned on. Illuminate red when the TV is in standby mode.
3. **VOL +/-**
   Press to adjust the volume.
4. **CH ∨/∧**
   Press to select a channel.
5. **MENU**
   Display the OSD (on screen display) menu.
6. **SOURCE**
   Press to select among different input signal sources.
7. **POWER**
   Switch the TV between On / Standby mode.

■■■ Rear View
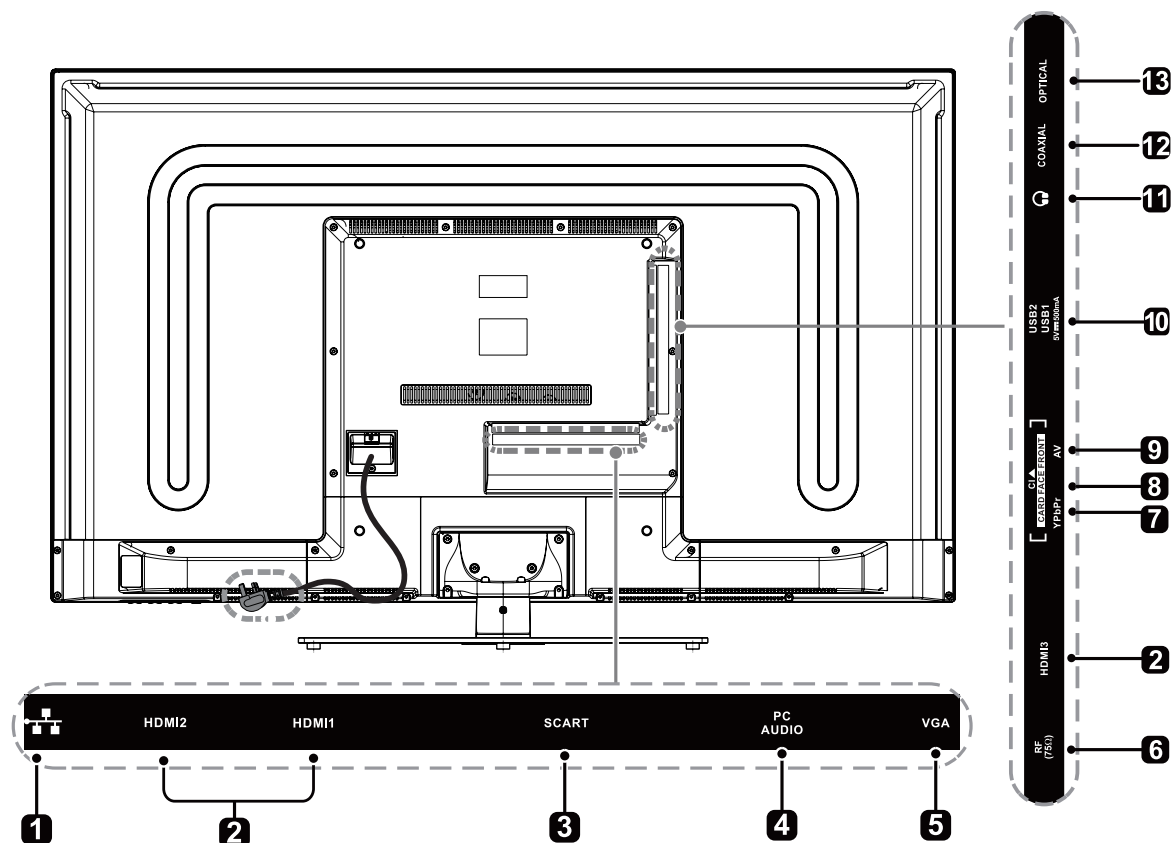
1. **LAN**
   Network connection port.
2. **HDMI Inputs**
   Connect to a High-Definition (HD) signal output device.
3. **SCART Socket**
   Connect to SCART cable between the SCART socket on the TV and the SCART socket on the external device (decoder, or DVD player).
4. **PC AUDIO Input**
   Connect to a computer audio output.
5. **VGA Input**
   Connect to a computer or other devices with a VGA interface.
6. **DTV/TV Input**
   Connect to the antenna (75Ω VHF/UHF) socket with the RF coaxial cable.
7. **MINI YPBPR**
   Connect to AV devices with component (Y/Pb/Pr) video and audio output sockets. COMPONENT&VIDEO share with AUDIO IN(L/R)subscribe to.

8. **CI Slot**
   Used to insert a CI card. A CI card allows you to view all the channels that you subscribe to.
9. **MINI AV**
   Connect to the composite VIDEO and AUDIO (L/R) output sockets on external video devices.
10. **USB Port**
    Connect to a USB storage device to play compatible video,audio ,photo and text files. (USB mode).
11. **Headphone Socket**
    Connect to the composite VIDEO and AUDIO (L/R) output sockets on external video devices.
12. **COAXIAL Digital Audio Output**
    Connect to the audio socket on the digital audio system.
13. **OPTICAL Output**
    Connect a digital sound system to this jack.

Installing the Base Stand
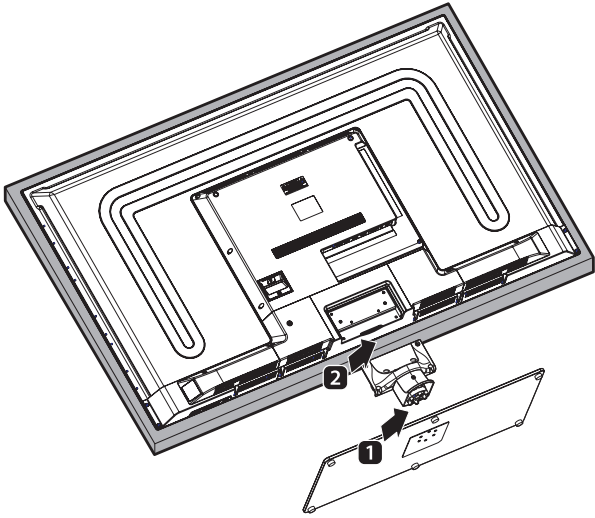
- **1.**Lay the TV face-down on a flat, cushioned surface to avoid damaging or scratching.

- **2.**Fix the stand support to the TV using the 6 pcs provided screws(MP4x12-HO).

- **3.**Fix the base stand to the TV using the 6 pcs provided screws (TPW4x12A-HO).

Removing the Stand for Wall-Mounting
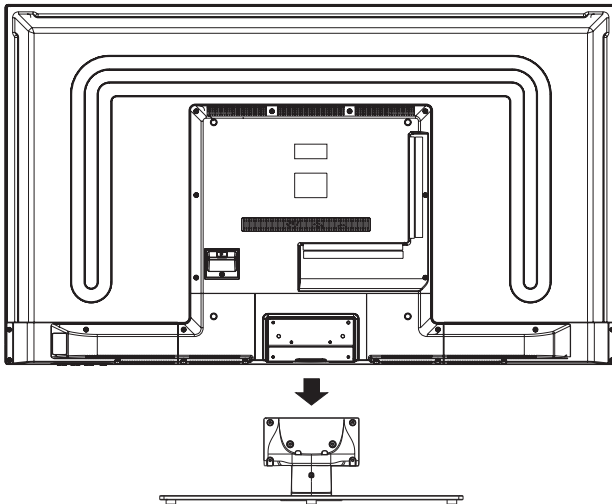
- **1.** Lay the TV face-down on a flat, cushioned surface to avoid damaging or scratching.

- **2.** Untighten the 6 pcs screws holding the stand assembly and remove them.

3. Attach the wall-mount bracket to the TV using the mounting holes on the back of the TV. Mount this TV according to the instructions included in the wall-mount bracket.

Remote Control
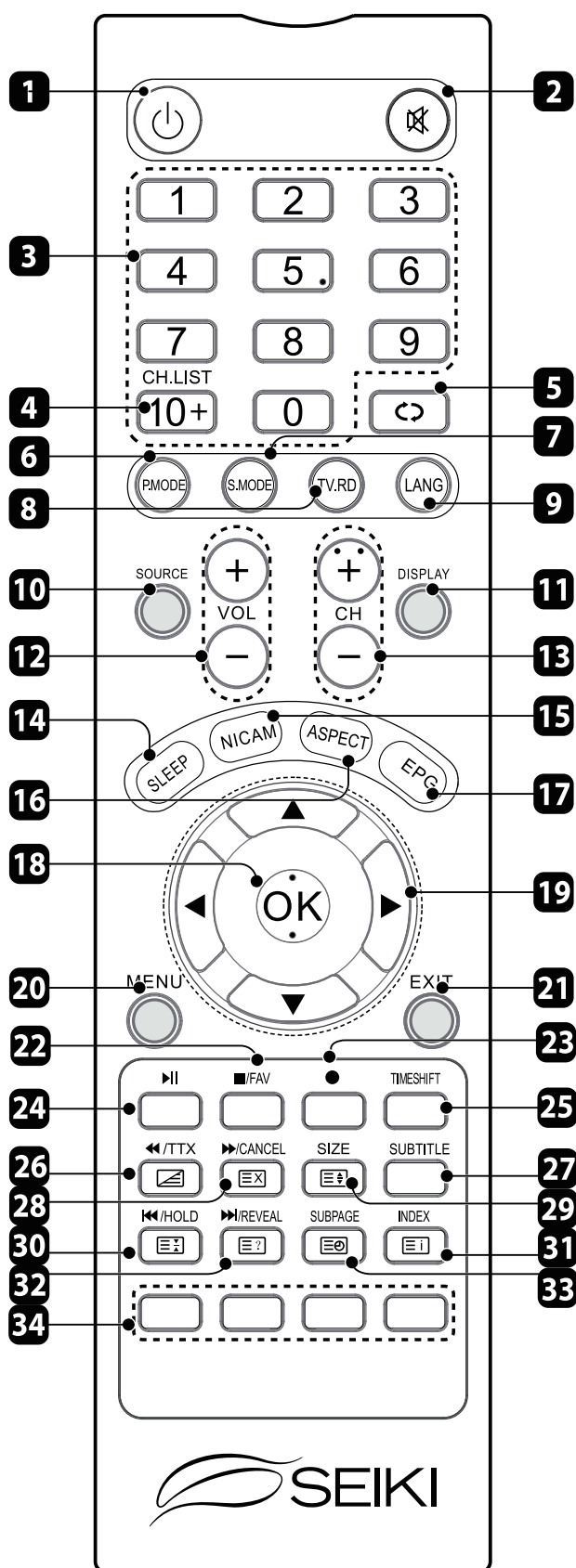
1. ⏻: Switch the TV between on and standby mode.
2. 🔇: Mute and restore your TV sound.
3. **0~9:** Select a program. (ATV/DTV mode)
4. **CH.LIST:** Display channel list.(ATV/DTV mode
5. ↻: Return to previous viewing channel.
6. **P.MODE:** Select picture mode: standard/ mild/personal/dynamic.
7. **S.MODE:** Select sound mode: standard/ music/movie/personal.
8. **TV.RD:** Select TV program or Radio program.(DTV mode).
9. **LANG:** Select DTV audio language.(DTV mode)
10. **SOURCE:** Select among the different input signal sources: DTV/ATV/SCART/AV/ YPbPr/HDMI1/HDMI2/HDMI3/PC/USB.
11. **DISPLAY:** Display the present screen information such as the current channel and the input source.
12. **VOL+/-:** Adjust the volume.
13. **CH+/-:** Select a channel.
14. **SLEEP:** Set the TV sleep timer.
15. **NICAM:** Switch between different audio channels(only applicable when the TV programme has this feature).
16. **ASPECT:** Select from the following mode settings: 16:9/Zoom1/Zoom2/Auto/4:3.
17. **EPG:** Display the EPG(Electronic Program Guide).(DTV mode)
18. **OK:** Confirm the selection in the OSD 'on screen display' menus.
19. ◄ ▲ ▼ ►: Allows you to navigate the OSD menus and adjust the system settings to your preference.
20. **MENU:** Display the OSD 'on screen display' menu.
21. **EXIT:** Exit the OSD menu.
22. ■ : Press to stop the playback, the time shift or the recording. (USB/DTV mode).
    FAV: Display the Favourite Channel list. (ATV/ DTV mode)
23. ● : Record the current programme.(DTV mode)
24. ▶ǁ : To start or pause the timeshift playback. (DTV mode)
    To start playback or pause.(USB mode)

▰▰▰ Remote Control

25. TIMESHITF: Start the time-shift function.(DTV mode)

26. ▱ **TTX:** Turn on and off the Teletext function.(ATV/DTV/AV/SCART mode)
   ◀◀**:** To reverse playback rapidly.(USB/DTV mode)

27. SUBTITLE: Display the subtitle which is broadcast with the program.(DTV mode)

28. ▱ **CANCEL:** To cancel the teletext mode.(ATV/DTV/AV/SCART mode)
   ▶▶**:** To advance playback rapidly.(USB/DTV mode)

29. ▱ **SIZE:** To enlarge the picture on the TV in teletext.(ATV/DTV/AV/SCART mode)

30. ▱ **HOLD:** Freezes a multi-page passage on screen in teletext.(ATV/DTV/AV/SCART mode)
   ◀◀ **:** To skip to the beginning of the previous chapter/track/photo.(USB mode)

31. ▱ **INDEX:** To select the page number of the index from teletext.(ATV/DTV/AV/SCART mode)

32. ▱ **REVEAL:** Reveals hidden information such as the answer to a quiz in teletext.
               (ATV/DTV/AV/SCART mode)
   ▶▶**:** To skip to the beginning of the next chapter/track/photo.(USB mode)

33. ▱ **SUBPAGE:** Display the subpage on the teletext screen.(ATV/DTV/AV/SCART mode)

34. Coloured buttons: Press the button to select the corresponding function on the screen.
               (ATV/DTV/AV/SCART mode)

CONNECTING EXTERNAL DEVICES

Blu-ray Player / Recorder

Game Console

Video Camera

Satellite Antenna Cable

VCR

Satellite Receiver

OR

RF Cable (not included)

RF (75Ω)

HDMI3

MINI YPBPR Cable (included)

YPBPR Cable (not included)

CI CARD FACE FRONT

YPbPr

AV

AV Cable (not included)

MINI AV Cable (included)

Coaxial Cable (not included)

USB2 USB1 5V⎓500mA

SCART Cable (not included)

COAXIAL

| ⊟ | HDMI2 | HDMI1 | SCART | PC AUDIO | VGA | |

Network Cable (not included)

HDMI Cable (not included)

3.5mm Audio Cable (not included)

VGA Cable (not included)

Cable (not included)

Headphones

WIFI

Router

HDMI Device

Computer

▬▬▬ Initial Setup

- Connect one end of an RF coaxial cable (not supplied) to the aerial socket in your wall. Connect the other end of the cable to the RF (75Ω) socket in the bottom connection panel on the back of the TV.
- Attach all other devices to the TV following instructions.
- Connect the TV's mains cable into a wall socket and turn the power on if required.
- In standby mode, press the ⏻ button on the main unit or on the remote control to turn the TV on. The red LED indicator will turn blue.
- The first time you turn your TV on it will go straight to the Welcome screen. Press the **EXIT** button to go to the No Signal screen.

First Time Installation

WELCOME:

We hope you will be very happy with your new TV

If you experience any difficulties with installation or use of this production please call our helpline on

0845 658 8290 (Local Rates Apply)

Please connect your aerial and then press OK to start Auto Tuning, or press Exit to cancel

(OK) Select   (MENU) Back
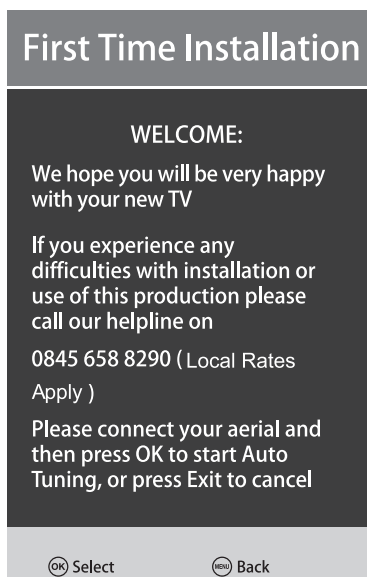
- After pressing the **OK** button you will go to the First Time Installation menu.

First Time Installation

Language	‹ English ›
Country	‹ UK ›
Tuning Mode	‹ DTV ›
Environment	‹ Home Mode ›
Auto Tuning	›

Move   Adjust
(OK) Select   (MENU) Back
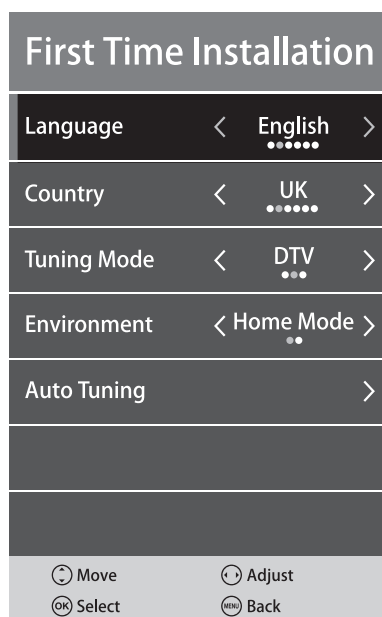
- Language is preset to English and can be changed.
- Country is preset to UK and can be changed.
- Now press the ▼ button on the remote control to select Tuning mode. Use the ◄/► buttons to select either ATV + DTV (analogue and digital channels), DTV (digital channels only) or ATV (analogue channels only).
- Press the ▼ button on the remote control to select Environment. Use the ◄/► buttons to select between Home Mode or Store Mode. If you select to change to store mode, a warning screen will appear asking if you want to leave home mode. If you do, press the ◄ button to continue

  Note: Store Mode should only be used if the TV is to be used as a display in a shop.

- Once you have completed all of the preliminary settings, use ▼ to select Auto Tuning to begin channel tuning.

Channel Tuning			
TV	:	0	Programme
DTV	:	0	Programme
Radio	:	0	Programme
Data	:	0	Programme

19%... UHF CH 30 DTV

(MENU) Skip   (EXIT) Exit
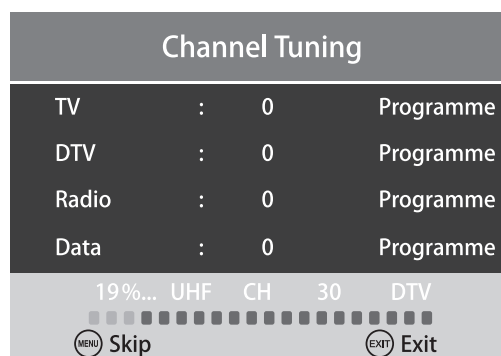
- **Note:** You can skip the tuning process by pressing the **MENU** button. A pop-up screen will appear, press the ◄ button to select **'Yes'** to confirm your choice. You can also press the **EXIT** button to stop the channel tuning process.

◼️◼️◼️ Selecting Input Source

You can connect multiple devices to your TV to improve your watching and listening pleasure.
- Press the **SOURCE** button on the main unit or on the remote control to display the Input Source list.

Input Source	
DTV	D
Analogue TV	A
Composite / AV	◎ ◎ ◎
SCART	S
Component / YPbPr	◎ ◎ ◎
HDMI 1	⊏⊐
HDMI 2	⊏⊐
⟨⟩ Move OK Select EXIT Exit	

- Use the ▲/▼ buttons to select the desired input source and press OK button to confirm.
  Note: Not all sources will be displayed when the menu is open. You will need to use the ▲/▼ buttons to scroll through the list to view all of the sources.

CUSTOMIZING TV SETTINGS

▬▬▬ Viewing Recorded Programme

- You can play a recorded programme from the recorded programme list or from the USB storage device.

Prompt

USB device found, Open it now?

| Yes | No |
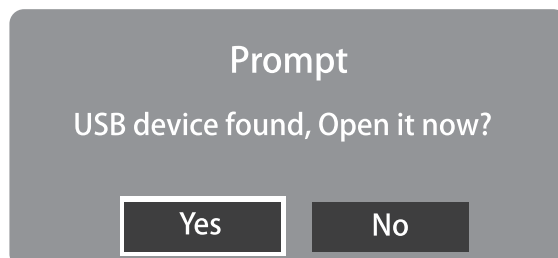
- **Note:** When inserting the USB device to the USB port at the rear of TV, a message will pop up. Use the ◄ / ► buttons to select either Yes or No and press the **OK** button to confirm.

- To open the MultiMedia menu whilst using the TV, press the **MENU** button on the main unit or on the remote control. Use the ▲ / ▼ / ◄ / ► buttons to select the **MultiMedia** menu and press the **OK** button to confirm.

| PICTURE | SOUND | CHANNEL | LOCK |
| TIME | NETWORK | SETTING | MultiMedia |
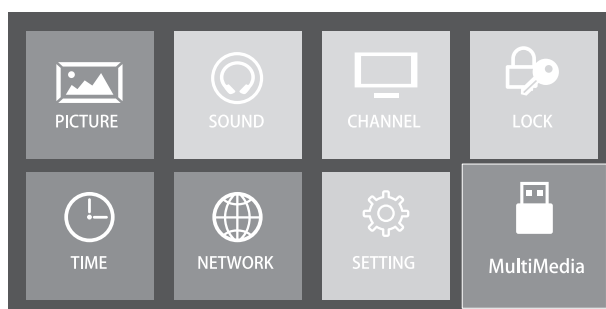
- Use the ◄ / ► buttons to select **MOVIE** and press **OK** button to enter.

| Movie | Music | Photo | File |

Device Found:1
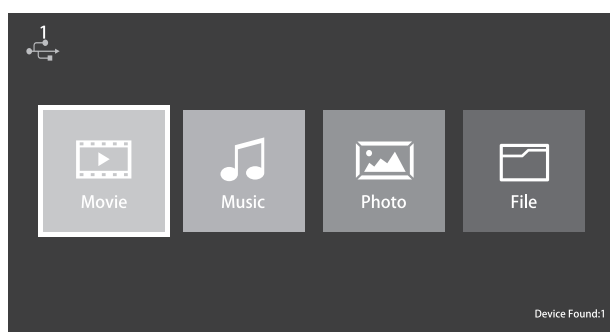
- Use the ▲ / ▼ / ◄ / ► buttons to select **_MSTPVR** file then press the **OK** button to open.
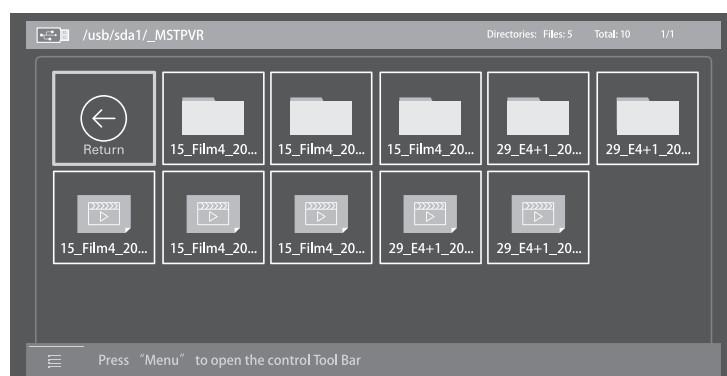
- Use the ▲/▼/◄/► buttons to select the recorded programme you wish to watch.

  Note: When you highlight a film to watch, after a few seconds a thumbnail movie will appear on the screen.

- When you have found the film you want to watch, press the **OK** or ▶‖ button to play the recording in full screen mode.
- Press the **MENU** button to display the function bar at the bottom of the screen. Use the ◄/► buttons to navigate through the functions then press the **OK** when you have highlighted the one you require. See over the page for a full list of the function bars list of functions.

Play	Press to play the programme.
Previous	Press to watch the previous programme in the playlist.
Next	Press to watch the next programme in the play list.
Pause	Press to pause the programme.
Stop	Press to play back of the programme.
FB	Press repeatedly to rewind at x2 / x4 / x8 / x16 / x32 speeds.
FF	Press repeatedly to fast forwards at x2 / x4 / x8 / x16 / x32 speeds.
Repeat	Press to select the repeat function you want. Choose from NONE / ONE / ALL / RANDOM.

TimePlay	Allows you to select a time to start watching the programme from.
Enlarge	Allows you to enlarge the screen image by multiple pressing OK button: zoom 2 zoom 4 or zoom 8.
Shrink	Allows you to shrink the screen image of the programme.
Playlist	Display a full list of recorded videos you can watch.
Info	Shows information about the current programme you are watching.

• Press the **EXIT** button to return to the previous menus.

▉▉▉▉ **Picture**
• Press the **MENU** button on the main unit or on the remote control to display the main menu.
• Use ▲/▼/◄/► to navigate and select **PICTURE** and press **OK** to enter.
• Press ▲/▼ buttons to select the following picture options and then use ◄/► buttons to adjust each option's setting.

PICTURE

Picture Mode	‹ Standard ›
Contrast	‹ 50 ›
Brightness	‹ 50 ›
Saturation	‹ 50 ›
Sharpness	‹ 50 ›
Colour Temp	‹ Standard ›
Aspect Ratio	‹ 16 : 9 ›

Move   Adjust
Back   Exit
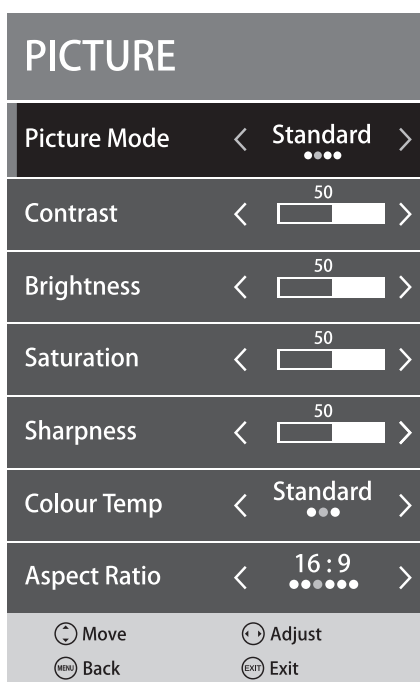
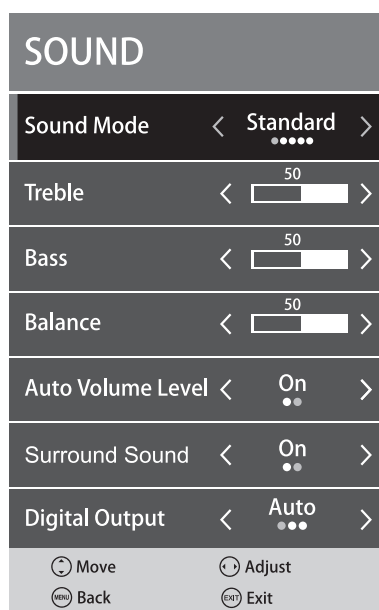|	
Picture Mode	Choose between Dynamic / Standard / Mild / Personal modes.**Alternative:**Repeatedly press **P.MODE** button on the remote control to change the picture mode until you find the one you want.
Contrast	Adjusts the difference between light and dark levels in the picture.
Brightness	Increases or decreases the amount of white in the picture.
Saturation	Control the intensity of the colour.
Sharpness	Adjust the level of crispness in the edges between light and dark areas of the picture.
Colour Temp	Choose between Standard / Warm / Cold. The colour temp changes the amount of blue and red in your picture.
Aspect Ratio	Choose to view the TV picture in various formats. Choose from Auto / 4:3 / 16:9 / Zoom 1 / Zoom 2 / Subtitle.
Noise Reduction	Choose between On or Off. Noise reduction reduces the amount of picture noise (speckles and lines etc.) of any connected device.

▬▬▬ **Sound**

- Press the **MENU** button on the main unit or on the remote control to display the main menu.
- Use ▲/▼/◄/► to navigate and select **SOUND** and press **OK** to enter.
- Press ▲/▼ buttons to select the following sound options and then use ◄/► buttons to adjust each option's setting.

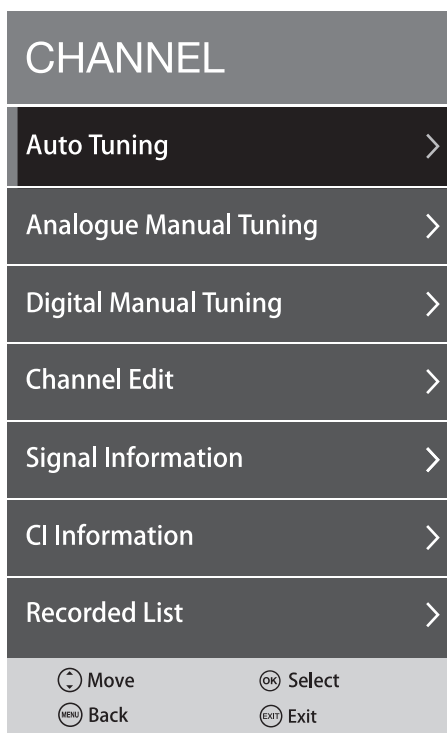|	
Sound Mode	Choose between Standard / Music / Movie / Sport / Personal modes. **Alternative:** Repeatedly press **S.MODE** button on the remote control to change the sound mode until you find the one you want.
Treble	Use to adjust the amount of treble in the TV's sound.
Bass	Use to adjust the amount of bass in the TV's sound.
Balance	Use to adjust the relative volume of the speakers in a multiple speaker system.
Auto Volume Level	Turn on to automatically adjust volume levels (e.g. volume levels in adverts are generally louder than programmes).
Surround Sound	Selects to turn On/Off Surround Sound.
Digital Output	Use when a digital audio connection is attached to your TV. Select between PCM / Auto / Off.
AD Switch	Audio Description is an auxiliary audio function that provides an additional audio track for visually impaired people. This function handles the Audio Stream for the AD (Audio Description) when it is sent along with the main audio from the broadcaster. Use the ◀/▶ buttons to choose between On or Off. Set to Off: You will receive normal broadcast sound from the TV's speakers. Set to On: You will receive the additional Audio Description sound channel if available.
AD Volume	Use the to set the volume of the audio description.

■■■■■ Channel

- Press the **MENU** button on the main unit or on the remote control to display the main menu.
- Use ▲/▼/◀/▶ to navigate and select **CHANNEL** and press **OK** to enter.
- Press ▲/▼ buttons to select the following channel options and then use ◀/▶ buttons to view or adjust each option's setting.

CHANNEL

Auto Tuning	>
Analogue Manual Tuning	>
Digital Manual Tuning	>
Channel Edit	>
Signal Information	>
CI Information	>
Recorded List	>

Move   Select
Back   Exit

Auto Tuning
  • Select the Auto Tuning submenu and press the **OK** button to enter.

Channel Tuning

Tuning Mode	<	DTV	>
Country	<	UK	>
Auto Tuning			>

Move   Adjust
Select   Back
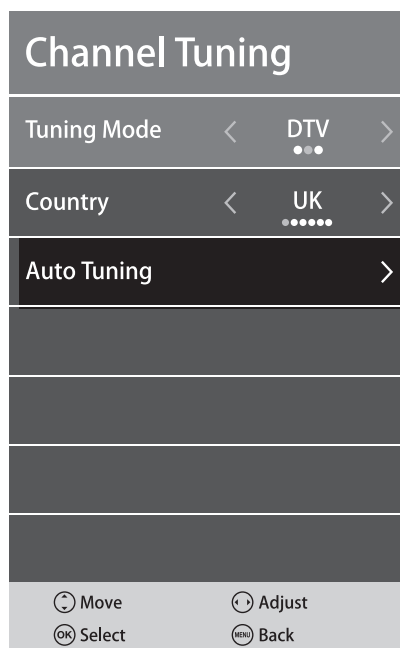
  • Select the tuning type using the ◄ / ► buttons, you can choose between DTV + ATV / DTV / Analogue TV.
  • Country is preset as UK and can be changed.

- Press the ▼ button and select Auto Tuning and press the ▶ or **OK** button to start the tuning process.
- Once the tuning has finished you can set the Country, Region and Secondary Region using the ▲/▼ buttons, confirm our selections by pressing the **OK** button. Once you have completed all of the settings the menu will close automatically.
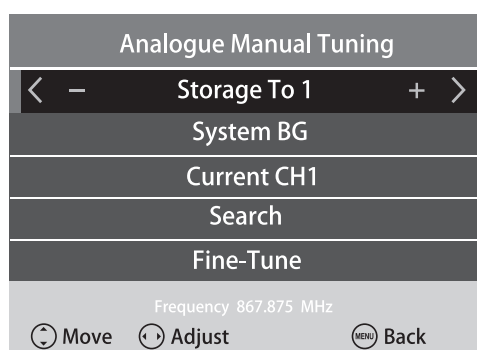
Analogue Manual Tuning

NOTE: This feature is not available in the UK as analogue signals are no longer broadcast.

- Press the ▼ button to select Analogue Manual Tuning and press **OK** to enter. Then use ▲/▼/◀/▶ to select and adjust the desired option.

	Analogue Manual Tuning	
‹ —	Storage To 1	+ ›
	System BG	
	Current CH1	
	Search	
	Fine-Tune	
	Frequency 867.875 MHz	
◌ Move	◌ Adjust	(MENU) Back

Storage To 1	Select the storage location of the channel using the ◀/▶ buttons.
System	Select system among I / DK / L / BG.
Current CH 1	Select the channel using the ◀/▶ buttons.
Search	Search through the different frequencies until you find the program you want.
Fine-Tune	Select Fine-Tune to do small adjustment to improve the signal using the ◀/▶ buttons.

NOTE: If the number about to save is the same as a channel that is already being used, the manually adjusted channel will replace the existing channel.

Digital Manual Tuning

- Use the ▼ button to select Digital Manual Tuning and press **OK** on the remote control to enter.

Digital Manual Tuning		
‹ ─	UHF CH 47	+ ›
DTV	0	
Radio	0	
Data	0	

NO SIGNAL
Frequency 474 MHz

Bad   Normal   Good

Adjust   Back
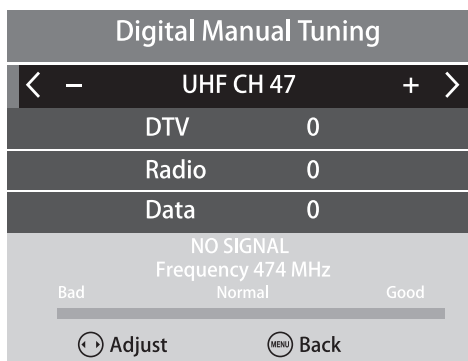
- In the **DTV Manual Tuning** menu. Use the ◄/► buttons to select the desired UHF channel and then press **OK** button to commence the search of that channel. When the signal has been tuned, the picture and signal strength will be displayed on the screen.
- The menu will close and the tuned channel will be shown on your TV screen.

Channel Edit

- Press **MENU** button to enter **CHANNEL** and then press **OK** to enter.
- Use ▲/▼ buttons to select **Channel Edit** and then press **OK** to enter.

Channel Edit	
1 BBC ONE Yorks	DTV
2 BBC TWO	DTV
3 ITV	DTV
4 Channel 4	DTV
5 Channel 5	DTV
6 ITV2	DTV
7 BBC THREE	DTV
8 Made in Leeds	DTV
9 BBC FOUR	DTV
10 ITV3	DTV

Delete   Move   Skip
Favorite   Select   Back

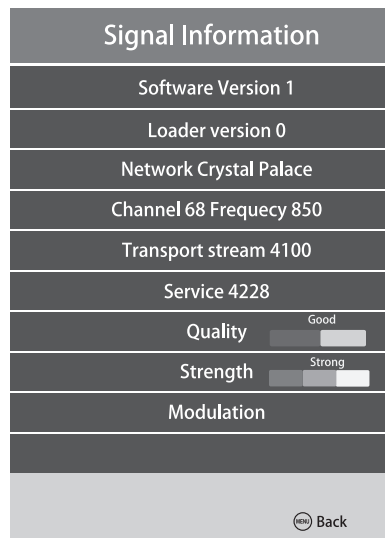**Delete:** Use **RED** button to delete the programme from the EPG menu .
Move: Use **YELLOW** button to move the channel to the desired position.
Skip: Use **BLUE** button to skip the programme in the EPG menu.
Fav: Use **FAV** button to select the channels you want to add to your favourites list.

Signal Information

- Allows you to view the signal strength of the selected channel TV signals.Use the ▲/▼ button to select Signal Information from the menu then press the **OK** button.

Signal Information
Software Version 1
Loader version 0
Network Crystal Palace
Channel 68 Frequecy 850
Transport stream 4100
Service 4228
Quality   Good
Strength   Strong
Modulation
(MENU) Back

CI (Common Interface)(DTV mode)

NOTE: this function is available only when the Common Access Module is inserted to the CI slot.
This function allows you to view the common interface module information.
- Use the ▲/▼ button to select CI Information from the menu then press the OK button to enter.
- Press the ▲/▼ buttons to select the items and press the **OK** button to confirm.
- Press the **EXIT** button to close the menu.
The common interface allows the use of a Common Access Module to enable you to unscramble (pay to view) services. These services are provided by other service providers than free to view TV channels.

[CARD FACE FRONT]

Common Access Module
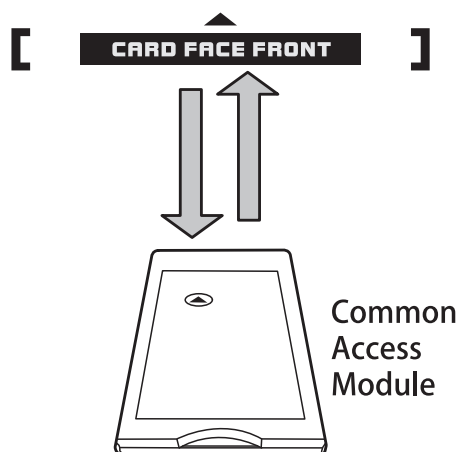
Important: Do not keep removing and refitting the Common Access Module as it could damage the interface and cause a malfunction.

Fitting the Common Access Module
**Note:** This feature is not available in all countries.
1. Before inserting the Common Access Module, please switch the TV off.
2. If you feel resistance when inserting the CAM, turn it over and try again.
3. Switch the TV on and you will be able toaccess the encrypted channels from the service provider.
Removing the Common Access Module
1. Before removing the CAM ensure the TV is switched off at the mains.
2. Pull the CAM out of the CI slot in the side of the TV.
3. Switch the TV back on at the mains.

Recorded List

Use the ▲/▼ button to select Recorded List from the menu and press the **OK** button to enter.
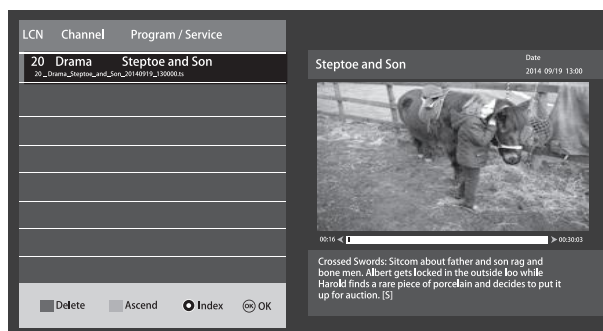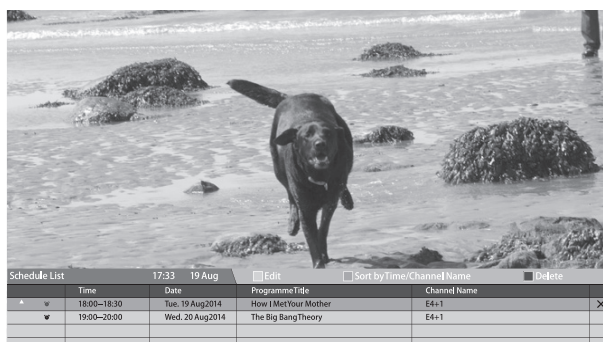

You can now see a full list of all of the programmes recorded on your USB drive. You can interact with the list using the coloured buttons on the remote control.
NOTE: If no USB device fitted to the TV, a warning message**"No USB Detected"** will pop up.

Schedule List

Use the ▲/▼ button to select Schedule List from the menu and press the **OK** button to enter.

You can now see a full list of all of the programmes you have scheduled. You can interact with the list using the coloured buttons on the remote control.
NOTE: If no USB device fitted to the TV, a warning message**"No USB Detected"** will pop up.

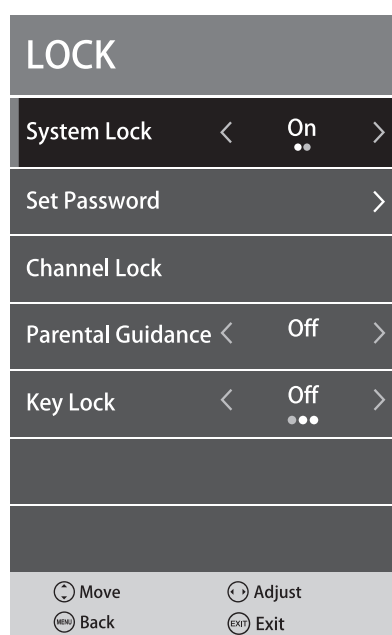**OAD (Software Update) (Over Air Download)**

DTV mode
The TV auto detects the latest firmware update through the DTV signal and allows you to accept or refuse the firmware upgrade service.
- Press the **MENU** button to display the main menu and select **CHANNEL**. Use ▲/▼ buttons to select Software Update(OAD) to enter.
- During normal DTV viewing, if the TV detects firmware upgrade, the Over Air Download screen will appear. Use the ◄/► buttons to select either **Yes** or **No**.

Note: If you do not press any button within 1 minute, the Over Air Download screen will disappear. The Over Air Download screen will appear next time you switch to viewing a DTV channel.
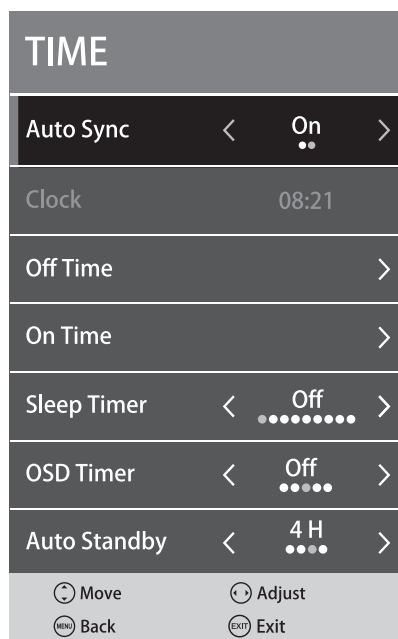
████ **Lock**
- Press MENU button to display the main menu and select **LOCK**. Press **OK** button to enter. Use the 0-9 buttons to input 4-digit password to enter the **LOCK** menu. (**NOTE:** the default password is **0000**.)
- Press ▲/▼ buttons to select the following lock options and then press ◄/► buttons to adjust each option's setting.

LOCK		
System Lock	‹	On ›
Set Password		›
Channel Lock		
Parental Guidance	‹	Off ›
Key Lock	‹	Off ›
⊙ Move ⊙ Adjust		
⊙ Back ⊙ Exit		

System Lock	Select to turn On or Off system lock.
Set Password	Use **0-9** buttons to input the old password and then input the new 4-digit password. Re-enter new password for confirmation.
Channel Lock	Press Green button to lock/unlock the desired channel.
Parental Guidance	This function allows you to set up blocking schemes to block specific channels and ratings. Press the buttons to select an age rating: Off, 4-18.
Key lock	To select the key lock mode among Off / Full / Partial.

■■■■■ **Time**

- Press **MENU** button to display the main menu and select **TIME**. Then press **OK** to enter.
- Press ▲/▼ buttons to select the following time options and then press ◄/► buttons to adjust each option's setting.

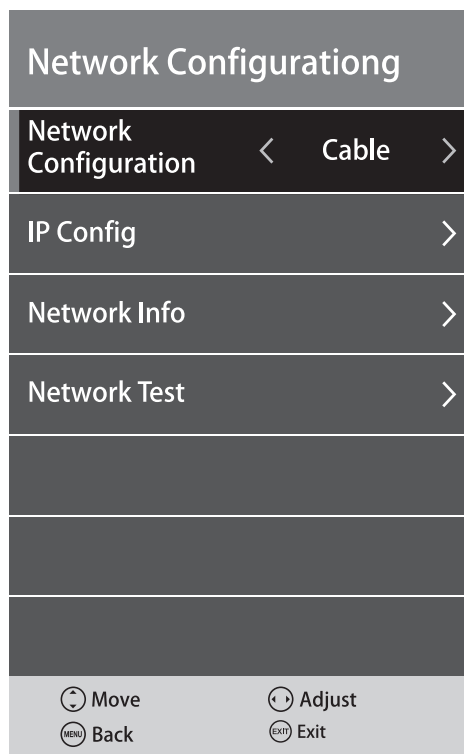| TIME		
Auto Sync	‹	On •• ›
Clock		08:21
Off Time		›
On Time		›
Sleep Timer	‹	Off •••••••• ›
OSD Timer	‹	Off •••• ›
Auto Standby	‹	4 H ••• ›
⊙ Move		⊙ Adjust
⊙ Back		⊙ Exit

Auto Sync	Select to turn On or Off Auto Sync. When setting On, the TV will take the time from signals received by the TV through the broadcast signals.
Clock	When Auto Sync is setting Off, the Clock can be enabled. Use the ▲/▼/◄/► buttons to navigate through the Clock menu and adjust settings: Year / Month / Day / Clock.
Off Time	Automatically turn the TV off at a specified time and on specified days. Use the ◄/► buttons to choose between Off / Once / Everyday / Mon.~Fri. / Mon.~Sat. / Sat.~Sun / Sun and set the hour and minutes.
On Time	Automatically turn the TV on at a specified time. **On Time:** use the ◄/► buttons to choose between Off / Once / Everyday / Mon.~Fri. /Mon.~Sat. / Sat.~Sun / Sun. **Time:** set the specified hour and minutes. **Input Source:** select the input source among DTV / Analogue TV / Radio /Data / SCART / Component / YPbPr/ PC-RGB / HDMI 1 / HDMI 2 / HDMI 3 / Composite / AV. **Channel:** select a channel for TV or Radio. **Volume:** adjust the volume.

Sleep Timer	Select a period of time after which the TV automatically switches to standby mode: Off/ 10/ 20/ 30/ 60/ 90/120 /180/240 min. **Alternative:** You may press the **SLEEP** button repeatedly to select the number of minutes directly.
OSD Timer	This feature shows how long the On Screen Display will last. Choosing OSD Timer among off / 10 / 20 / 30 / 60 seconds.
Auto Standby	The unit will automatically switch to standby mode Off/3/4/5 hours after the last time the remote control was used. If you want to operate the TV for a long period of time, turn off the auto standby function.
Time zone	This feature can only be used if Auto Sync is set to On. Use to select the desired time zone the TV is being used in.

▉▉▉ **Network**
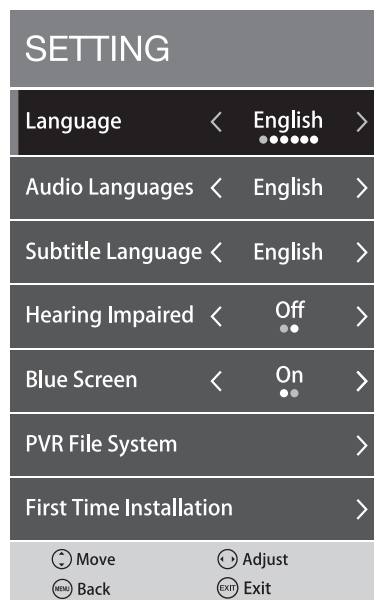
- Press **MENU** button to display the main menu and select **NETWORK**. Then press **OK** to enter.
- Press ▲/▼ buttons to select the following network options and then press ◄/► buttons to adjust each option's setting.

Network Configuratiang	
Network Configuration	◁ Cable ▷
IP Config	▷
Network Info	▷
Network Test	▷
⊙ Move	⊙ Adjust
(MENU) Back	(EXIT) Exit

Network Configuration	this is preset to cable and cannot be changed.
IP Config	select either Auto or manual setup mode.
Network Info	to view all the relevant information concerning your network setup.
Network test	to check if your network is working.

26

███████ **Setting**
- Press **MENU** button to display the main menu and select **SETTING**. Then press **OK** to enter.
- Press ▲/▼ buttons to select the following setting options and then press ◄ / ► buttons to adjust each option's setting.

```
SETTING

Language          <    English    >
                       ●●●●●

Audio Languages   <    English    >

Subtitle Language <    English    >

Hearing Impaired  <      Off      >
                         ●●

Blue Screen       <      On       >
                         ●●

PVR File System                   >

First Time Installation           >

      Move              Adjust
      Back              Exit
```

Language	The on screen display language is set to English and can be changed.
Audio Language	Allows you to select your desired audio language. The default audio language is set as English.
Subtitle Language	Allows you to select your desired subtitle language. The default subtitle language is set as English.
Hearing Impaired	Allows you to set hearing impaired function On/Off.
Blue Screen	Allows the blue background to turn On/Off during weak or no signal conditions.
PVR File System	Allows you to select your preferences in the PVR File System. **Select Disk**: Allows to select the USB drive you wish to check. **Timeshift Size**: Allows you to select the amount of memory the Timeshift function can use on a connected USB device: 512MB / 1GB / 2GB / 4GB. **Format Start**: Use this to reformat the USB drive. (NOTE: If you reformat the USB drive you will loose all of the data on it. Always backup the drive before reformatting it.) **Speed Check**: To check the speed of your USB drive.

ENTERTAINMENT

First Time Installation	Allows you to select the OSD language and the country where you will operate the TV. Then it will search automatically for TV programmes.
Software Update (USB)	Upgrade the TV software through USB.
Restore Factory Default	Restores all settings to factory defaults.
HDMI CEC	Turn on Consumer Electronics Control(CEC) so that you can control up-to 15 CEC-enabled devices that are connected through HDMI directly from one remote control. (Note: CEC also allows for individual CEC-enabled devices to command and control each other without your intervention.)

MultiMedia

- Always switch the TV off before attaching a USB storage device to your TV.
- Connect the USB storage device to one of the USB ports on your TV.
- Press the ⏻ button on the remote control or TV to turn the TV on.
- Press the **Menu** button on your remote control. Use the ▲/▼/◄/► buttons to select **MultiMedia** from menu then press the **OK** button to open.
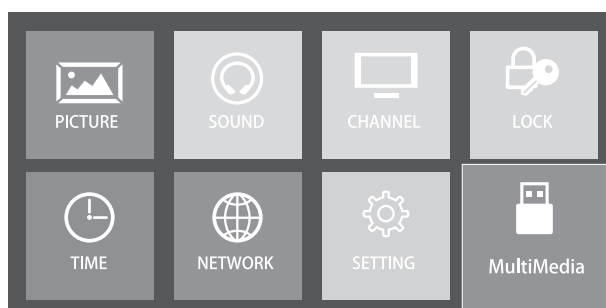
NOTE: Before entering **MultiMedia**, an USB disk shall be inserted to USB port.
- Press the **MENU** button to select the **MultiMedia**, and then press **OK** button to enter.

Viewing Movies
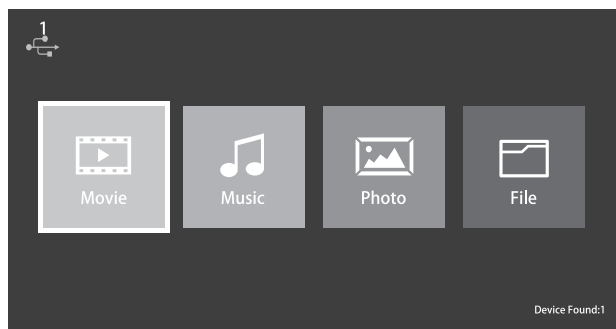
Note: there may be more than one USB device attached to TV, please select the desired one.

1. After entering **MultiMedia**, press tubuttons to select **Movies** and then use **OK** button to enter.
2. Then use ▲/▼/◄/► buttons to navigate in the movie folder and then select the video file to enter.
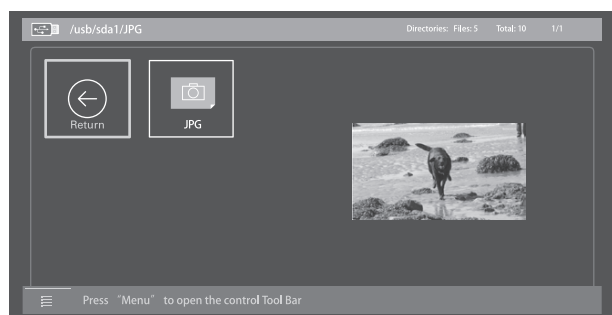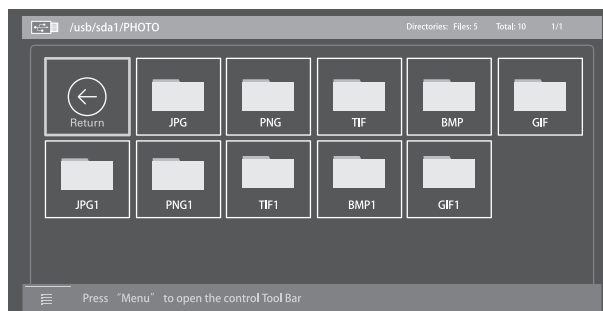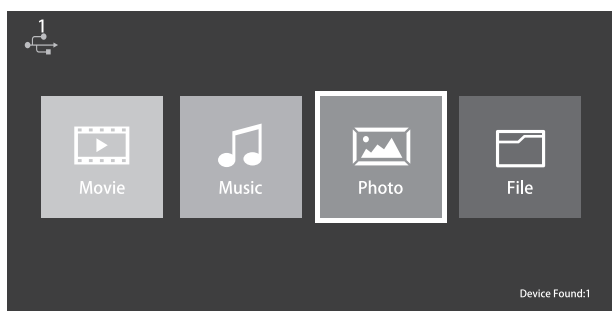   Note: when navigating in video file, a thumbnail screen will appear.
3. Press **OK** button or ▶II to view the desired video in full screen.
4. Press the **OK** button or the **DISPLAY** button to display the function bar. Press the ◄/► buttons to select the function: Previous / Next / Pause / Stop / FB / FF / Repeat / TimePlay / Enlarge/ Shrink / Playlist / Info.

Listening to Music
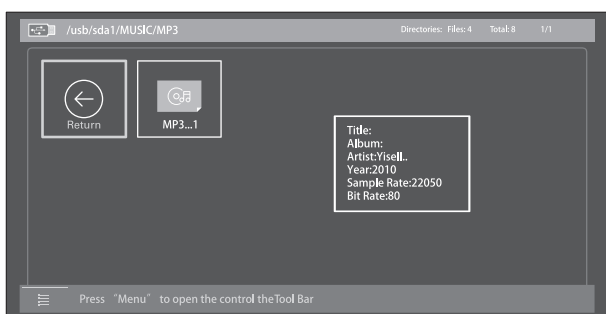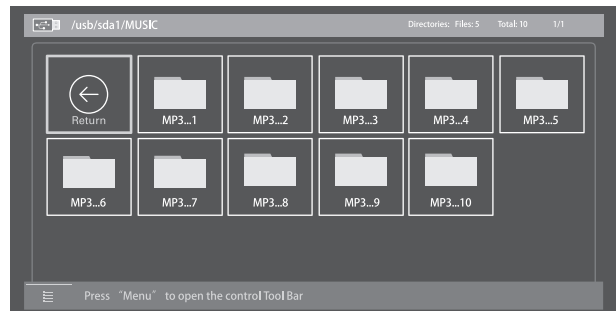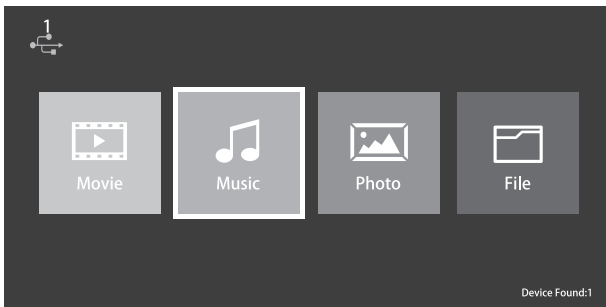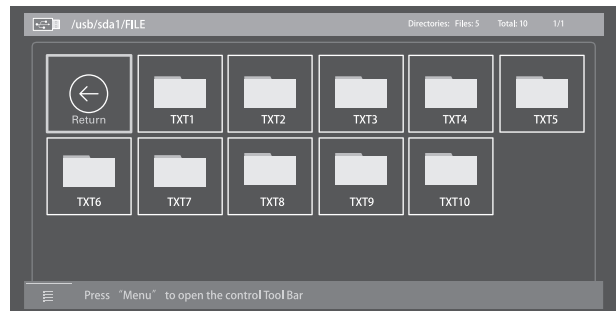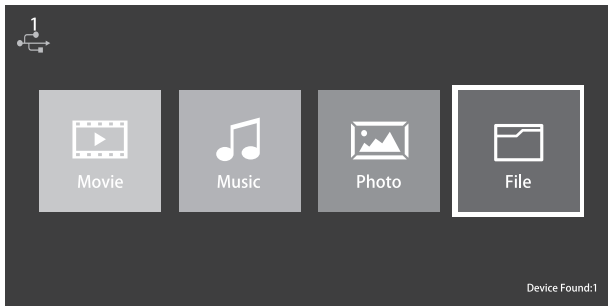

1. After entering **MultiMedia**, press tubuttons to select **Music** and then use **OK** button to enter.
2. Then use ▲/▼/◀/▶ buttons to navigate in the music folder and then select the audio file to enter.
   Note: when navigating in audio file, a thumbnail screen will appear.
3. Press **OK** or ▶❙❙ to enjoy the music in full screen.
4. Press the **OK** button or the **DISPLAY** button to display the function bar. Press the ◀/▶ buttons to select the function: PreviousNext / Pause / Stop / FB / FF / Repeat / Playlist / Info.

███████ **Viewing Photos**

1. After entering **MultiMedia**, press tubuttons to select **Photos** and then use **OK** button to enter.
2. Then use ▲/▼/◀/▶ buttons to navigate in the photo folder and then select the picture file to enter.
   Note: when navigating in picture file, a thumbnail screen will appear.
3. Press **OK** or ▶❙❙ to view the picture in full screen.
4. Press the **OK** button or the **DISPLAY** button to display the function bar. Press the ◀/▶ buttons to select the function: Previous Next / Pause / Stop / Rotate- / Rotate+ / Enlarge/ Shrink / Move / Repeat / Music Off / Playlist / Info.

Files

1. After entering **MultiMedia**, press tubuttons to select **Files** and then use **OK** button to enter.
2. Then use ▲ / ▼ / ◄ / ► buttons to navigate in the files folder. When you find the music or photo file you want to view and press the OK button to enter. You will now be taken automatically to the photo or music browser.
3. See the instructions for using the music and photo browsers on pages 31 and 32 in these instructions for more information.

▄▄▄▄ Electronic Programme Guide(EPG)(DTV mode)

Your TV has an Electronic Programme Guide (EPG) to help you navigate through all your possible viewing options.

The EPG supplies information such as programme listings, start and end times for all available services. In addition, detailed information about the programme is often available in EPG (the availability and amount of programme information will vary, depending on the particular broadcast).

This function can only be used when the information is broadcast by the broadcasting companies.

The EPG displays the programme details for the next 7 days.

- Press the **EPG** button on the remote control to open the Electronic Programme Guide window.

PROGRAMME GUIDE				
19 Aug 2014 12:00 - 12:30 (0Hours30Min)			AGE:03	Enterainment
2/6. Houses and Palaces: Steeplejack Fred Dibnah tours Britain´s engineering marvels. Here, he visits Hampton Court Palace and oneof the frist homes to have electric lighting - Cragside. [S]				
19 Aug 2014 12: 29	12:00	12:30	13:00	13:30
1 BBC ONE Yorks	Bargain Hunt		BBC News at One Look... Doctors	
2 BBCTWO	Fred Dibnah´ s...	The Super League Show	The A to... Cash in the Attic	
3 ITV	This Morning	The Chase	ITV News & Weather	
4 Channel 4	Come Dine with Me Come Dine with Me		Come Dine with Me Come Dine...	
5 Channel 5	Celebrity Big Brother: Live Launch		5... Home and Away Neighbo...	
6 ITV2	Coronation Street		The Jeremy Kyle Show	
7 BBCTHREE	This is BBCThree			
9 BBC FOUR	This is BBC Four			
☐ Record ☐ Prev ☐ Next ☐ Remind		Display Display ⬚ Move	Exit EXIT	

- Use the ▲/▼ buttons to select the station you wish to watch or listen to, then press the **OK** button to tune to that station. Press the **EPG** button again to close the Electronic Programme Guide window.
- You can also look through all of the programmes available over the next 7 days by pressing the ▶ button to enter the programmes listings.

Use the ▲/▼/◀/▶ buttons to scroll through the programmes, a brief description will be shown in the window near the top of the window.

At the bottom of the window there are additional feature buttons you can use.

RED button: Record.

Press this button to record programmes to a USB drive attached to the USB port on your TV, see page 39 for more information.

GREEN button: Prev.

Press the green button to scroll through the previous 7 days of programmes.

Note: This only works if the broadcaster supports this function.

YELLOW button: Next.

Press the yellow button to scroll through the next 7 days of programmes.

Note: This only works if the broadcaster supports this function.

BLUE button: Remind.

Press this button to open the **Reminder Setting** window.

To set the reminder, scroll to the programme you want to set the reminder for on the EPG menu using the ▲/▼/◀/▶ buttons.Then press **OK** button to save the settings.

Your TV will now automatically turn its self on (if in standby mode) and tune to the programme when it starts.

Reminder Setting
10 ITV3
Minute 45
Hour 10
Month Sep
Date 19
Week Fri.
Mode Once

(OK) OK   ▢ Back
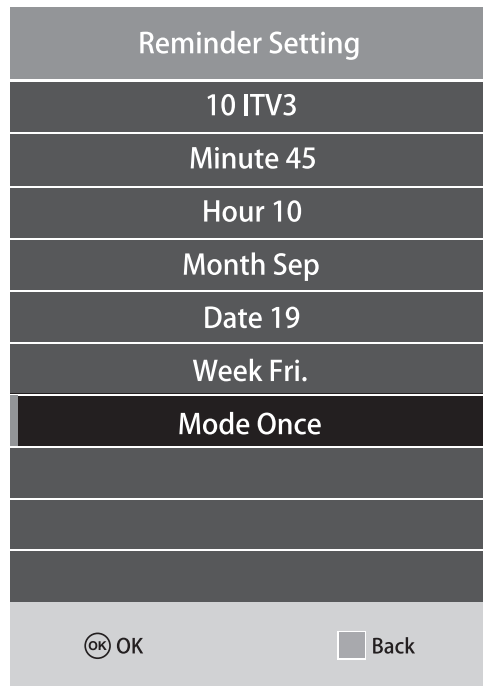
■■■■ Viewing Teletext(DTV mode)

IMPORTANT: Before viewing Teletext you will need to turn the Subtitle function off if it is switched on.

Note: Before turning Teletext on, check that the TV channel you are watching transmits Teletext. If it does not, **NO Teletext** will be shown on the screen.

• Press the ✉ **TEXT** button on the remote control to open the Teletext menu.

Home	18:00 05 Sep

News
Sport
Weather
What's On
Entertai   TV Now/Next
Finance   News Headlines
Help   Regional News
          Sports Headlines
          Football
          UK Weather
          Lottery

BBC Choice

Press RED for shortcuts

B B C   CANCEL   CHANGE TV BACK MENU

• Follow the information on the Teletext page and use ▲/▼/◄/► buttons to select the programme you want to view in Home page.

How to use Fast Text

At the bottom of the Teletext page there is a row of subject headings coloured in Red, Green, Yellow and Blue. To access these pages, simply press the correspondingly coloured button on the remote control.

SHORTCUTS(in red): press Red button to display the shortcuts and use ▲/▼ to select the desired programme.

CHANGE TV(in green): use green button to change channel.

BACK(in yellow): go back to the previous page or the main page in Teletext.

MENU(in blue): display the main Teletext page.

▬▬▬ Time Shift Function(DTV mode)

This function allows you to quickly record the TV programme you are watching if you have to leave the room.

IMPORTANT: You must have a USB storage device attached to your TV to use the Time Shift function.

IMPORTANT: If the transfer rate of the attached USB storage device is too slow for the Time Shift function, a warning statement will be shown on the TV's screen. If this happens, please upgrade your USB storage device.

**IMPORTANT:** Time Shift mode may not work if the station's signal strength is too weak.

NOTE: Always stop the Time Shift function by pressing the ■ button before switching to another input source.

Using the Time Shift function

- To start Time Shift, press the **TIMESHIFT** button on the remote control to pause the programme you are watching. The Time Shift symbol will be displayed on screen showing that Time Shift is working.

- When you wish to resume watching the programme, press the ▶ll button on the remote control to show the PVR Time Shift progress bar.

- Use the ◀/▶ buttons to select the button on the progress bar then press the **OK** button to start watching the programme. ▶ will be displayed on screen showing you are watching a programme in Time Shift.

- Press the ■ button to stop the Time Shift recording and return to the live TV broadcast.

Alternative: You can press the ● (red dot) button on the remote control to display the PVR Time Shift progress bar and then use the ◀/▶ buttons to select ▶ll on the bar then press the **OK** button to start playback.

Note: There may be a slight delay with the video and the sound may be slightly out of sync for a few seconds when you start watching the recorded programme. This will soon disappear and the programme will play correctly.
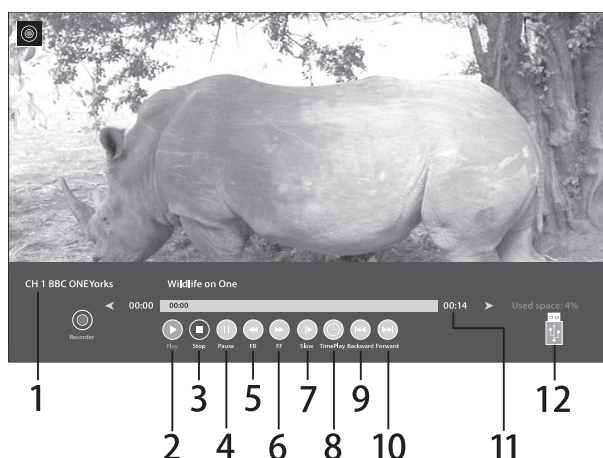
The Time Shift progress bar

Use the ◀ / ▶ buttons to navigate through the progress bar. Once you have selected the feature you wish to use press the **OK** button.
- Shows the channel and name of the recorded programme.
- **PLAY:** Select to play your recording.
- **STOP:** Select to stop play back.
- **PAUSE:** Select to pause the recording.
- **FB:** Select to rewind your recording at x2 / x4 / x8 / x16 / x32 speed.
- **FF:** Select to fast forward the recording at x2 / x4 / x8 / x16 / x32 speed.
- **Slow:** Select to view the recording in slow motion. Press the **OK** button multiple times choose between 2 / 4 / 8 / 16 / 32 playback speeds.
- **Time Play:** Select to enter a time you wish to view the recording from using the **0** to **9** buttons on the remote control.
- **Backward:** Select to move the recording backwards in 10% sections of the recording.
- **Forward:** Select to move the recording forwards in 10% sections of the recording.
- Shows the amount of playback time the recording has remaining.
- Shows the amount of memory remaining on your USB drive.

Using the remote control with Time Shift

You can use the buttons on the remote control to control playback in Time Shift.
▶II Press to start and pause playback.
◀◀ Press repeatedly to rewind at x2 / x4 / x8 / x16 / x32 speed.
▶▶ Press repeatedly to fast forwards at x2 / x4 / x8 / x16 / x32 speed.
Important: To return to normal playback press the ▶II button.
I◀◀ Press to jump backwards approximately 10% of the recording time.
▶▶I Press to jump forwards approximately 10% of the recording time.
■ Press to stop the Time Shift recording.

███████ **Recording DTV Programmes(DTV mode)**

You can record digital TV programs onto a USB drive using either direct recording by pressing the red dot button or by using the program timer function.
NOTE: An USB disk must be inserted to the USB port on TV.

Instant recording
This option is used to record the program you are watching.
 • Press ● record button on the remote control to record the programme you are currently watching.

CH 1 BBC ONEYorks   Wildlife on One
◄ 00:00   00:00   00:14   ►   Used space: 4%
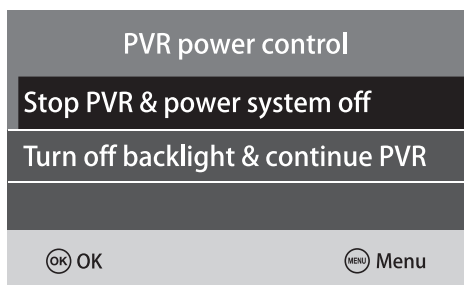Recorder   Play Stop Pause FB FF Slow TimePlay Forward Backward

 The recording progress bar will be displayed, press the **EXIT** button to close recording progress bar. The recording symbol displays on the screen showing that the TV is still recording. If you want to view the recording progress bar again, press the ● button on the remote control.
 • When the programme has finished and you want to stop the recording, simply press the ■ button.
Note: The recording will stop automatically once the USB drive is full.
IMPORTANT: If you want to switch off your TV during recording, press the power button on the remote control. A dialogue box will appear on the screen.

Use the ▲/▼ buttons to select either of the options:

PVR power control
Stop PVR & power system off
Turn off backlight & continue PVR

OK OK   MENU Menu

Stop PVR & power system off: The recording will stop and the TV will go into standby mode.
Turn off backlight & continue PVR: This option will switch the backlight light off but the recording will continue. The LED indicator will flash blue to show it is working.
Press the **OK** button to confirm your choice or press the **MENU** button to cancel.

▬▬▬ Programme Timer(DTV mode)

The programme timer is used to schedule program recordings.
Note: There may be a small delay when the program starts recording. Always ensure a USB drive is inserted into the USB slot in the back of the TV. If not, a warning message will appear on the TV screen.

Using the programme timer
This option is used to record the program you are watching.
*   Press the **EPG** button on the remote control to open the Electronic Programme Guide menu.

*   Use the ▲/▼ buttons to select the programme you want to record then press the **RED** button to open the Record menu.

*   Use the ▲/▼/◄/► buttons to change the settings in the menu if you need to.
**Channel:** Use the ◄/► buttons to select the channel you want to record.
Start Time: Use the ▲/▼ buttons to select either Minute / Hour / Month / Date. Use the ◄/► buttons to adjust the settings.
End Time: Use the ▲/▼ buttons to select either Minute / Hour / Month / Date. Use the ◄/► buttons to adjust the settings.
Mode: Use the ◄/► buttons to select either Once / Every Day / Weekly.

- After making all of your adjustments press the **OK** button to confirm your settings. The Timer was saved Successfully screen will appear.
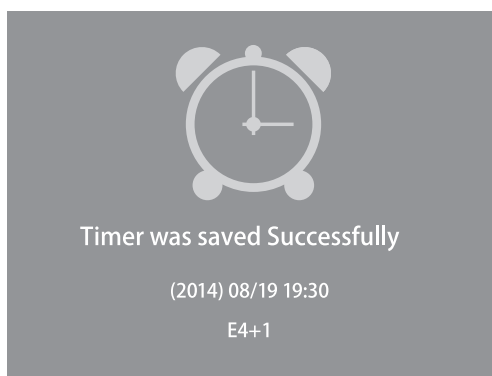
- The Schedule List will now appear at the bottom of the screen showing all of your scheduled recordings.
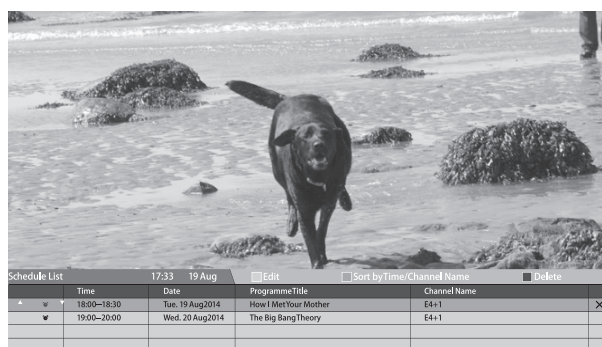
- You can use the colour buttons on the the remote control to change, organise and delete items in the schedule list. Press the **EXIT** button to close the menus.

Note: When the preset time is reached the TV will start recording automatically. If the recording starts when the TV is in standby mode the LED indicator on the front of the TV will flash blue.

DIGITAL RECEPTION

MHEG-5 ENGINE compliant with ISO/IEC 13522-5 UK engine Profile 1 - for UK
Object carousel support compliant with ISO/IEC 135818-6 and UK DTT profile - for UK
Frequency range: 474-850 MHz for UK models
170-862 MHz for EU models
Transmission standard: DVB-T. MPEG-2
Demodulation: COFDM with 2K/8K FFT mode
FEC: all DVB modes
Video: MP@ML, PAL, 4:3/16:9
Audio: MPEG Layer I&II 32/44.148kHz.

We apologise for any inconvenience caused by any minor inconsistencies in these instructions, which may occur as a result of product improvements and development.

SUPPORTED FILE FORMATS

Media	File Extension	Format		Supported (Maximum resolution/Bit rate etc.)
		Video	Audio	
Movie	.mpg/.dat/.vob	MPEG-1	MPEG-1 Layer 2/3	
		MPEG-2	MPEG-2 Layer3	
Music	.mp3	-	MPEG-1 Layer3 MPEG-2 Layer3	Bit Rate: up to 320Kbps Sample Rate: 32KHz, 44.1KHz, 48KHz
Photo	.jpg	Baseline Mode		72x72<Baseline resolution<7680x4320 Progressive Mode Size<=1280x1024 File Size<=10MB
		Progressive Mode		

TROUBLESHOOTING

If your TV does not operate normally or cannot be turned on, please check the following troubleshooting questions. Remember also to check any other connected electronic device, such as DVD or Blu-ray player to pinpoint the problem. If the TV still fails to operate normally, please contact technical support.

The TV does not operate properly	
The TV does not respond when pressing any buttons	• The TV may freeze up during use. Disconnect the power cord from the power socket for a few minutes. Reconnect the power cord and try to operate it again as usual.
TV cannot be switched on	• Check that the TV is connected to the power supply. • Make sure all connected AV devices are switched off before switching on your TV.
The remote control does not work	• Check to see if there are any objects between the TV and the remote control causing an obstruction. Ensure that you are pointing the remote control directly at the TV. • Ensure that the batteries are installed with the correct polarity (+ to +, - to -). • Install new batteries.
Power is suddenly turned off	• Check the power of the TV. The power supply maybe interrupted. • Check if the sleep timer is set. • Check whether the Auto Standby is activated.
The video function does not work	
No picture & No Sound	• Check whether the TV is switched on. • Try another channel. The problem may be caused by the broadcaster.
Picture appears slowly after switching on	• This is normal; the image is muted during the TV startup process. Please contact your service centre if the picture has not appeared after five minutes.
No or poor colour or poor picture	• Adjust the settings in the PICTURE menu. • Try another channel. The problem may be caused by the broadcaster. • Check if video cables are connected properly.
Horizontal/Vertical bar or picture shaking	• Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	• The station or cable channel may be experiencing problems; tune to another station. • Station signal may be weak, reposition the antenna for better reception. • Check for sources of possible interference.
Lines or streaks in pictures	• Check antenna (change the position of the antenna.)
No pictures when connecting HDMI	• Check if the input source is HDMI1/HDMI2/HDMI3.
Pictures appear in wrong ratio	• Adjust the Aspect Ratio settings in the SETUP menu or press the ASPECT button on the remote control.

The audio function does not work

Picture OK but no sound	• Press the VOL +/- buttons. • Sound muted? Press the MUTE button. • Try another channel. The problem may be caused by the broadcaster.
No output from one of the speakers	• Adjust the Balance settings in the AUDIO menu.
Unusual sound from inside the TV	• A change in ambient humidity or temperature may result in an unusual noise when the TV is switched on or off and does not indicate a fault with the TV.
No sound when connecting HDMI	• Check if the input source is HDMI1/HDMI2/HDMI3.
Audio noise	• Keep the RF coaxial cable away from the other connected cables.

Password

Lost password	• Select the SET Password setting in the LOCK menu, then enter the following master password "8899". The master password clears your previous password and allows you to enter a new password.

There is a problem in PC mode

The signal is out of range (invalid format)	• Adjust the resolution, horizontal frequency, or vertical frequency.
Vertical bar or stripe on background and Horizontal Noise and Incorrect position	• Use Auto configures or adjust clock, phase, or H/V position.
Screen colour is unstable or show a single colour	• Check the signal cable. • Reinstall the PC video card.

▐▬▬▬ Maintenance

Early malfunction can be prevented. Careful and regular cleaning can extend the amount of time you will have with your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.
Do not use your TV in areas that are too hot or too cold, because the cabinet may warp or the screen may malfunction. Your TV works best in temperatures that are comfortable to you.
Storage temperatures are 32° to 122°F(0° to 50°C).
Working temperatures are 32° to 95°F(0° to 35°C).
Do not place your TV in direct sunlight or near a heat source.

▐▬▬▬ Plug replacement-UK

Should you need to replace the plug; the wires in the power cable are coloured in the following way:

Blue – Neutral 'N'

Brown – Live 'L'

As the colours of the wires in the power cable may not correspond with the coloured markings identifying the terminals in your plug, and proceed as follows:

The blue wire must be connected to the terminal that is marked with the letter N.

The brown wire must be connected to the terminal that is marked with the letter L.

If the power lead is damaged, it must be replaced by a qualified electrician.

Connect brown lead to 'L' - Live

Connect blue lead to 'N' - Neutral

L

N

5A Fuse
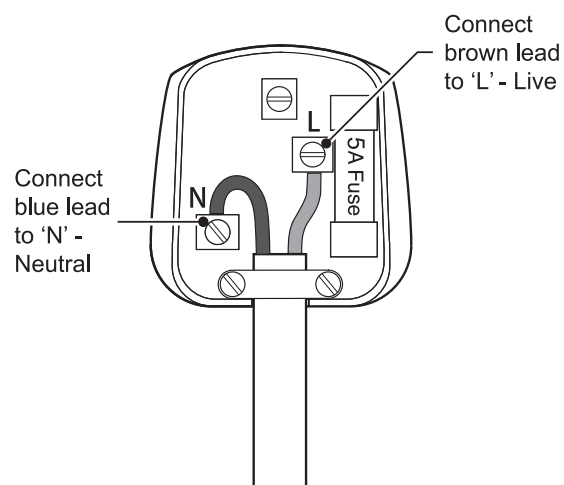
SPECIFICATION

Panel Size	55 inch diagonally
Display Type	LED
Panel Technology	TFT
Panel 60 Hz Vs. 120 Hz	60 Hz
Display Resolution	1080P
Panel Resolution	1920 x 1080
Aspect Ratio	16:9
Dynamic Contrast Ratio-Panel	4000:1
Brightness (Centre Typ.) Cd/M²	200~250
Response Time (G To G)	8 ms
Lamp Life (Typ. Hours)	30,000 hours
Horizontal Viewing Angle (At CR>10)	178
Vertical Viewing Angle (At CR>10)	178
Wall-mount(LxW-mm)	400*400(mm)

DISPOSAL INFORMATION

Instructions for waste disposal:

Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bag, must be kept away from children.

The cold cathode fl uorescent lamp in LCD PANEL contains a small amount of mercury; please follow the local laws or regulations for disposal.

Information for Users on Disposal of old Equipment and Batteries (European Union only)

Information for Users in European Union Countries

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

This symbol on the product or on its packaging means that your electrical and electronic device should be disposed of at the end of its service life separately from your household wastes. There are separate collection systems for recycling in EU.

Notice: The sign Pb below the symbol for batteries indicates that this battery contains lead.

Product s

Battery

For more information, please contact the local authority or the dealer where you purchased the product.

CE

SEIKI LED TV's LIMITED WARRANTY TO ORIGINAL CONSUMER

55 inches and Above Screen Size Models (the "Product")

This Product (including any accessories included in the original packaging) as supplied and distributed in new condition, is warranted by **Tongfang Global(UK) Co. Ltd** to the original consumer purchaser against defects in material and workmanship ("Warranty") as follows:

1. **REPLACEMENT** : For a period of one (1) year from date of original consumer purchase, if this Product or any part is determined by SEIKI, or a SEIKI authorized service provider, to be defective, SEIKI will replace the Product with new or re-certified product of similar or better specification, at SEIKI's option, at no charge to the original consumer. After the one (1) year Warranty period, you must pay for all cost of Product replacement charges.
    Once the Product is replaced, the warranty resume one (1) year period from the date of original consumer purchase; and will not be extended for the replacement process. Advanced Replacement option is available only with a valid US credit card for guarantee purpose.
2. **PARTS** : For a period of one (1) year from the date of original consumer purchase, SEIKI will supply, at no charge to the original consumer, new, rebuilt or refurbished replacement parts in exchange for defective parts. After the one (1) year Warranty period, you must pay for the costs of all parts.
3. **SHIPPING COSTS** : Notwithstanding the foregoing, the original consumer is responsible for any shipping charges incurred to ship the Product or part(s) to SEIKI or to an SEIKI authorized customer service provider, for diagnosis, repair or replacement. The consumer is responsible for securely packing the Product and utilizing a reliable carrier to transport to SEIKI authorized service provider.

To obtain Warranty Service and Troubleshooting information call our toll free customer service line at:
0-845-658-8290
Please have your model and serial number available along with your date of purchase.
You can also visit us online and REGISTER your SEIKI product at:

www.SEIKI.com

To receive Warranty service, the original consumer purchaser must contact SEIKI for problem determination and service procedures. **Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented to SEIKI, or an authorized customer service provider, in order to obtain the requested service.**

Exclusions and Limitations
This Warranty covers manufacturing defects in materials and workmanship encountered in the normal, non-commercial use of the Product, and does not cover (a) damage or failure caused by or attributable to abuse, misuse, failure to follow instructions, improper installation or maintenance, alteration, accident, or excess voltage or current; (b) improper or incorrectly performed repairs by non-authorized service facilities; (c) onsite consumer instruction or adjustments; (d) transportation, shipping, delivery, insurance, installation or set-up costs; (e) costs of product removal, transportation or reinstallation costs; (f) ordinary wear and tear, cosmetic damage or damage due to acts of nature, accident; (g) commercial use of the Product; (h) modification of, or to any part of the Product. In addition, this Warranty does not cover images "burnt" into the screen. This Warranty applies to the original consumer only and does not cover products sold AS IS or WITH ALL FAULTS, or consumables (e.g., fuses, batteries, bulbs etc.), and the Warranty is invalid if the factory-applied serial number has been altered or removed from the Product. This Warranty is valid only in the United States and Canada, and only applies to products purchased and serviced in the United States and Canada. All replaced parts and products, and products on which a refund is made, become the property of the Warrantor.

NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OTHER THAN THOSE EXPRESSLY DESCRIBED ABOVE SHALL APPLY. THE WARRANTOR FURTHER DISCLAIMS ALL WARRANTIES AFTER THE EXPRESS WARRANTY PERIOD STATED ABOVE. NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON, FIRM OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BE BINDING ON THE WARRANTOR. REPAIR, REPLACEMENT, OR REFUND OF THE ORIGINAL PURCHASE PRICE - AT THE WARRANTOR'S SOLE DISCRETION - ARE THE EXCLUSIVE REMEDIES OF THE CONSUMER. THE WARRANTOR SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THE PRODUCT. NOTWITHSTANDING THE FOREGOING, CONSUMER'S RECOVERY SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT SOLD BY SEIKI. THIS WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL CONSUMER WHO PURCHASED THE PRODUCT AND IS NOT TRANSFERABLE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on warranties, so the above limitations or exclusions may not apply to you. This Warranty gives you specific rights, and you may have other rights, which vary from state to state.

DO NOT SHIP PRODUCT TO THIS ADDRESS. PLEASE CONTACT CUSTOMER SERVICE TO OBTAIN SHIPPING ADDRESSES FOR SERVICE.