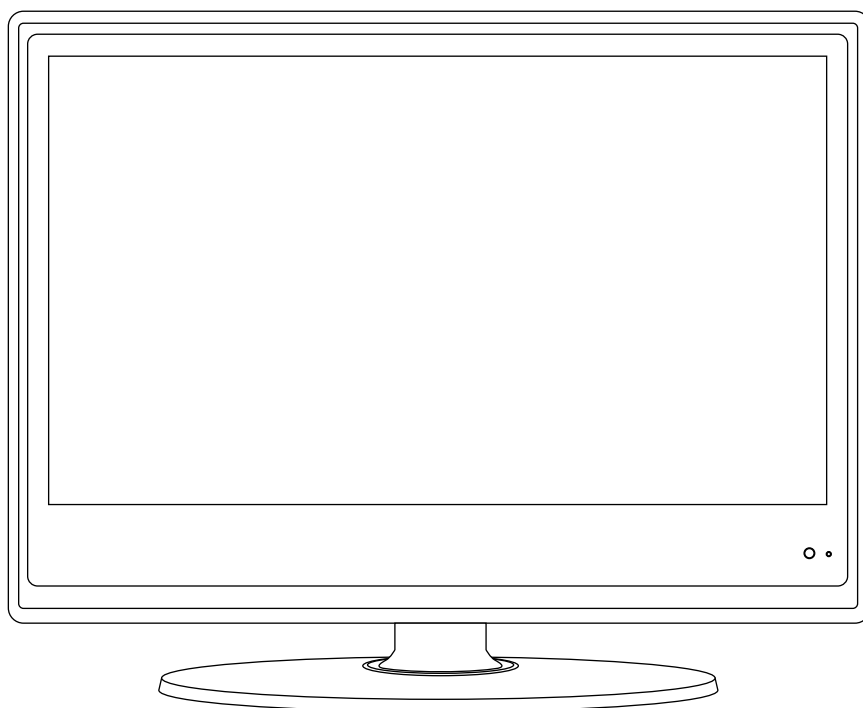


LCD digital colour TV

C22101DVB-IP



USER GUIDE

Introduction

Thank you for purchasing this TV which has been designed and manufactured to give you many years of trouble free service.

You may already be familiar with using a similar product but please take time to read these instructions which have been written to ensure you get the very best from your purchase.

HDMI

HDMI (High Definition Multimedia Interface) is the next generation of digital interface. Unlike conventional connections, it transmits uncompressed digital and audio signals using a single cable. This TV supports high-definition video input via the HDMI socket on the back of the TV.

Safety is important

To ensure your safety and the safety of others, please read the safety precautions BEFORE you operate this product.

Contents

You will find the following

- TV
- User Guide
- Quick Start Guide
- Remote Control
- 2 x AA Batteries

NOTE: If any of the items listed are damaged or missing please contact our technical helpline on 0871 288 7345

Contents

1-3 SAFETY INFORMATION

4-5 Unit and Accessories

6-9 Remote Control

10 Aerial connection

10-15 Connecting external devices

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34 TECHNICAL SPECIFICATIONS

35 Wall mounting

SAFETY INFORMATION

IMPORTANT SAFETY INSTRUCTIONS - READ CAREFULLY BEFORE USE.

Take note of the following safety information which appears on the back of the TV.



CAUTION TO PREVENT ELECTRICAL SHOCK, DO NOT REMOVE ANY COVER SCREWS, NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates that there are important operating maintenance instructions in the literature accompanying this unit.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

Keep these instructions

- Do not use this TV near water.
 - Clean only with a slightly damp cloth.
 - Do not block any ventilation openings.
 - Install in accordance with the supplied Quick Start Guide and this User Guide.
 - Protect the power chord from being walked on or pinched, particularly at plugs, and the point where it exits from the TV.
 - Do not allow the power chord to overhang the edge of a table.
 - Unplug this TV during lightening storms or when unused for long periods of time.
-



WARNING! TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS TV TO RAIN OR MOISTURE. THE TV MUST NOT BE EXPOSED TO DRIPPING AND SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS SHOULD BE PLACED ON THE TV.

NOTE: No naked flames such as candles should be placed on the TV.

IMPORTANT SAFETY INFORMATION (Continued)

This unit has been produced according to all current safety regulations. The following safety tips should safeguard users against careless use and the dangers connected with such use.

- Although this appliance has been carefully manufactured and rigorously checked prior leaving the factory, as with all electrical appliances it is possible for problems to develop. If you notice smoke, an excessive build up of heat or any other unexpected phenomena, you should disconnect the plug from the mains power socket immediately.
- Ensure that the unit is sufficiently ventilated! Never place next to or underneath curtains!
- The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- This set should only be connected to a mains power supply which matches that stated on the label on the rear of the TV – do not attempt to connect it to any other type of supply.
- The socket – outlet must be installed near the equipment and easily accessible.
- To prevent overload, don't share the same mains supply socket with too many other items of equipment.
- Apparatus with Class 1 construction shall be connected to a mains socket outlet with a protective earthing connection.
- Keep away from rodents. Rodents enjoy biting into electric flexes.
- Always hold the plug when pulling out the plug from the mains supply socket. Do not pull on the flex, the flex can become overloaded and cause a short circuit.
- Set up the unit so that no one is able to trip over the flex.
- Do not place heavy items on the flex, which may damage it.
- Take note that the flex cannot be reached and pulled by young children, avoiding injury.
- Do not set up the unit near to heat sources. The casing and the flex could be damaged by the impact of heat.
- The screen is made of plastic and can break if damage is done to it. Be careful when collecting sharp edged plastic splinters to avoid injury.
- Avoid placing the unit on any surfaces that may be subject to vibrations or shocks.
- To protect the unit during a thunderstorm unplug the AC power cable and disconnect the aerial. Caution: Do not touch the aerial (RF) connector.
- When you leave your home for long periods of time, unplug the AC power cable for safety reasons.
- The unit becomes warm when in operation. Do not place any covers or blankets on the unit in order to prevent overheating. The ventilation holes are not to be blocked. Do not set up near radiators. Do not place in direct sunshine. When placing on a shelf leave 5 cm (2") free space around the whole unit.
- Do not allow water or moisture to enter the TV. Do NOT use in wet or moist areas such as Bathrooms, steamy kitchens or near swimming pools.
- Do not use this unit when moisture condensation may occur
- Any repairs must be carried out by qualified personnel only.
- Do not open this unit. A non – expert attempting to repair the unit could be dangerous and potentially cause a fire hazard.

IMPORTANT SAFETY INFORMATION (continued)

- Liquids spilt into the unit can cause serious damage. Switch the set OFF and disconnect the mains power supply, then consult a qualified service person before attempting to use the unit again.
- Do NOT remove the safety covers. There are no useable or serviceable parts inside. You may invalidate the warranty. Qualified personnel must only service this apparatus.
- Do NOT tap or shake the screen, you may damage the internal circuits. Take good care of the remote control, do not drop.
- Never place hot objects or open flame sources on or close to the TV.
- High temperatures can melt plastic and lead to fires.
- To clean the TV use a soft dry cloth. Do NOT use solvents or petrol based fluids. For stubborn stains, you may use a damp cloth with dilute detergent.

Headphone Warning

Loud music can damage your hearing irreversibly, therefore do not set the volume to a high level when listening through headphones, particularly for lengthy listening periods.

Where to install

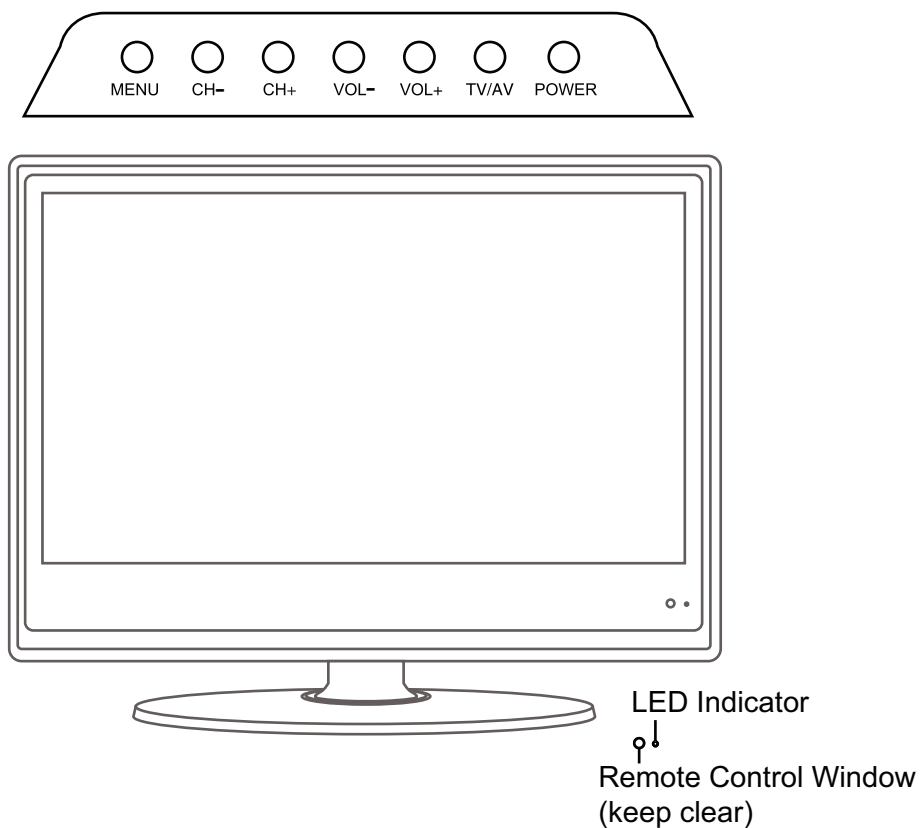
Locate the television away from direct sunlight and strong lights, soft indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen. Place the TV on a sturdy platform of which the surface should be flat and steady. This will prevent it from falling over.

Make sure the television is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen, and so that small objects cannot be inserted into the ventilation slots or openings in the cabinet.

LCD Screen

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of malfunction.

Unit and Accessories



The functions of the TV buttons are described below.

Menu : Press to display the OSD menu, press again to exit the menu.

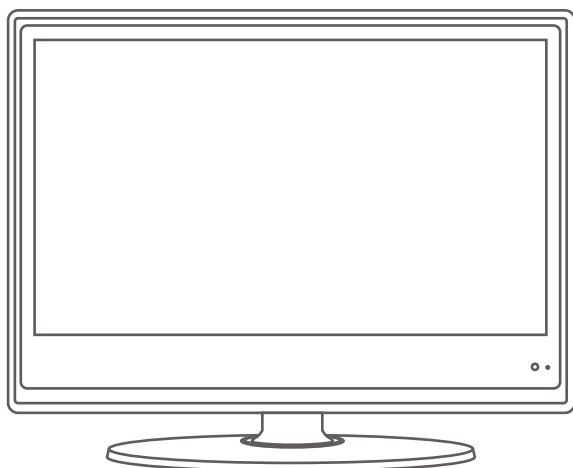
CH+/- : Press to skip through the channels.

Vol +/- : Press to adjust the volume.

TV/AV : Press to display the input source menu.

Power : Turn ON/OFF the TV set.

Unit and Accessories (continued)



TV set



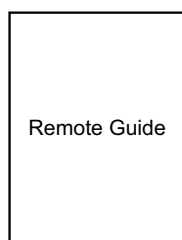
Remote Control



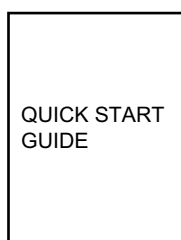
Batteries



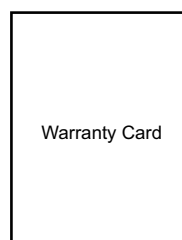
Power cable



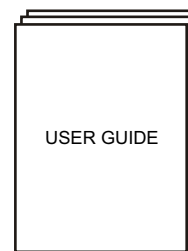
Remote Guide



Quick Start Guide



Warranty Card



User Guide

Remote control

*Dependant on model

Your Multi-Media Functions

Depending on the model of your television, some buttons will have no function

Switches to Internet Player. In this mode the i-Player (see separate handbook) and Multimedia function.* Press **TV to return to normal TV again.**

Search for Multimedia*content

If you have set the remote to work a satellite receiver, the remote controls only the Satellite Receiver and not the TV when you press **OK . Press **TV** to control the TV again.**

***DVD or Multimedia Play controls**

**IP Setup
Setup Key for Internet and network connection to the TV**

User account

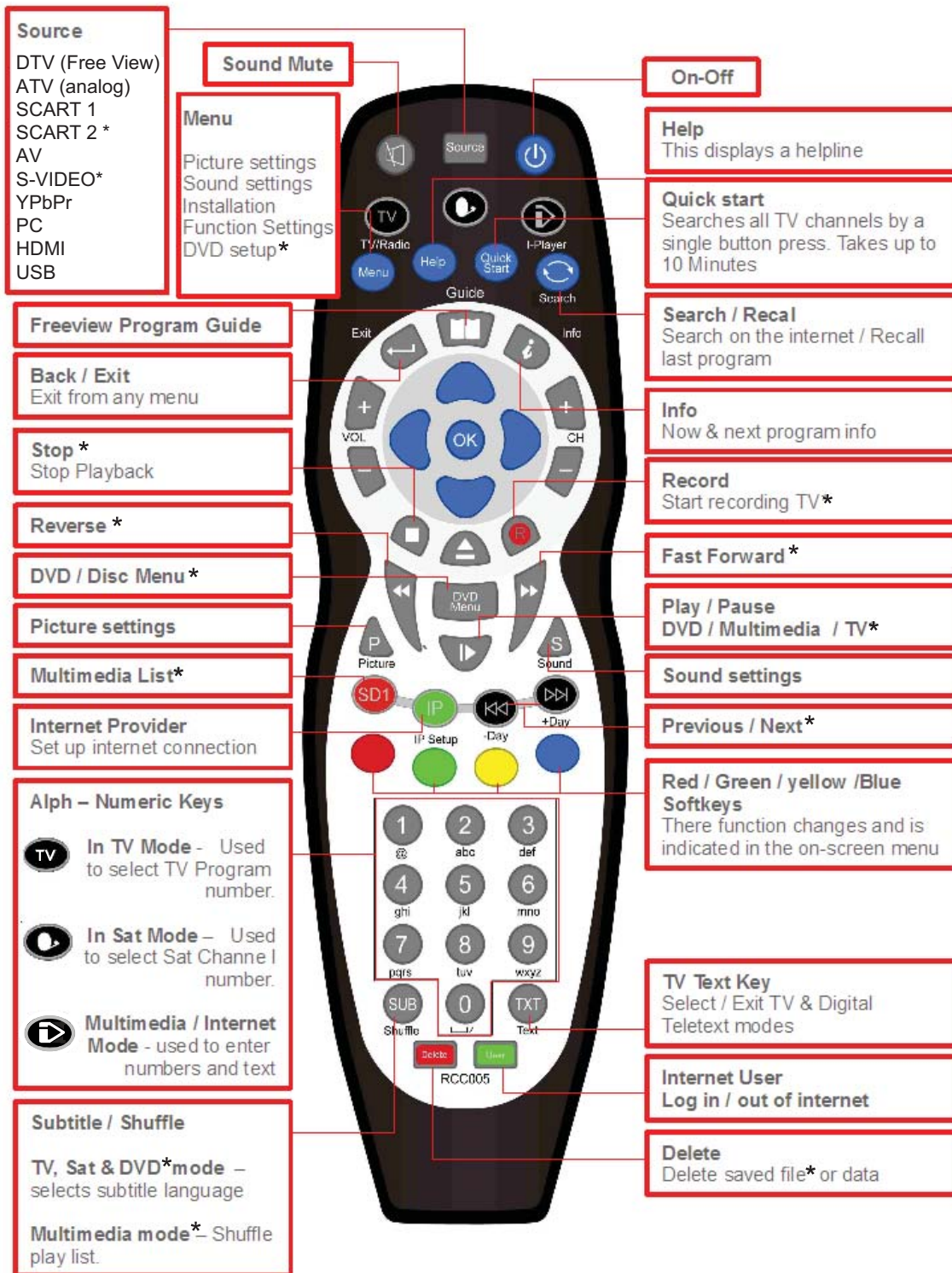
Delete item from user account

Shuffle the multimedia playlist

Remote control (continued)

Dependant on the Model of the TV some keys will have no function

Your Multi-Media Remote Control



*Dependant on model

Remote control (continued)

Dependant on the model of TV some keys will have no function

*Dependant on Model

Programming Your Remote to Control Satellite Receivers



This button puts the Remote in TV control mode



This button puts the Remote in a Multi Satellite control mode


* A number of modes are available. See below for details



This button puts the Remote into an Internet Player mode (separate handbook)

*This is only used on some TVs and Digital Boxes

To Set the Multi-Satellite Mode button

The Sat button  is programmable in the remote and can be set as follows:

To set the button if you have no Satellite Receiver:

Press  and at the same time press 0

If you have a Satellite Receiver with Recorder (Known as "Plus" type)

Press  and at the same time press 1

If you have a Satellite Receiver with High Definition (Known as "HD" type)

Press  and at the same time press 2

If you have a normal Digital Satellite Receiver (Known as "Digital" type)

Press  and at the same time press 3

If you want to use this button to switch on the DVD Player *

Press  and at the same time press 4

* DVD Player only fitted on certain models.

 + 0 ~ NO SAT RECEIVER

 + 1 ~ SAT +

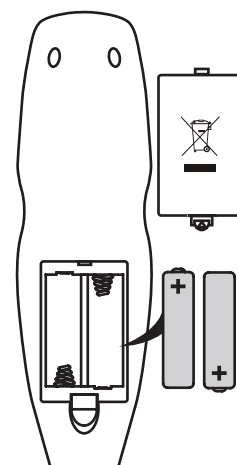
 + 2 ~ SAT HD

 + 3 ~ SAT DIGITAL

Remote control (continued)

Installing Batteries in the Remote Control

1. Remove the battery compartment cover at the rear of the remote control by pushing the retaining clip forward and pulling up.
2. Install the supplied batteries, ensuring the polarity matches what is shown in the battery compartment.
3. Replace the battery compartment cover.



Using the Remote Control

To use the remote control point it at the TV and press the required buttons. You must be within 6 meters and at an angle of less than 30 degrees from the center of the TV.

NOTE: Sunshine or other strong light sources may interfere with the signal from the remote control. In this situation turn the TV away from the light source.



WARNING! DO NOT LEAVE BATTERIES IN THE REMOTE CONTROL FOR EXTENDED PERIODS AS THEY CAN LEAK OR CORRODE CAUSING DAMAGE TO THE REMOTE CONTROL. CHECK THEM PERIODICALLY AND REPLACE THEM AS REQUIRED.



WARNING! DO NOT MIX BATTERY TYPES. WHEN INSERTING BATTERIES, REPLACE ALL BATTERIES AT THE SAME TIME. DO NOT MIX OLD AND NEW BATTERIES.



WARNING! EXHAUSTED BATTERIES MUST BE TREATED WITH CARE AND DISPOSED OF ACCORDING TO ANY SAFETY OR RECYCLING REGULATIONS IN FORCE IN YOUR LOCAL AREA, NEVER DISPOSE OF BATTERIES INTO GENERAL WASTE, OR FIRE.



WARNING! NEVER EXPOSE BATTERIES TO EXCESSIVE HEAT SUCH AS SUNSHINE, FIRE OR THE LIKE.

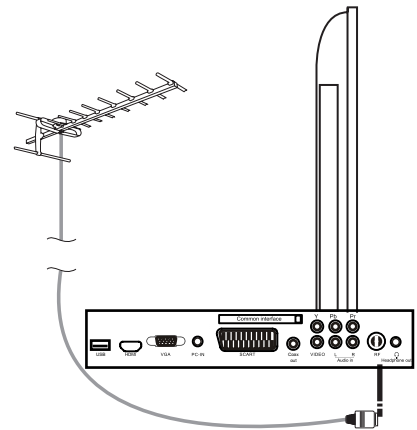
Aerial connection

WARNING! ENSURE THE TV AND ALL ANCILLARY EQUIPMENT IS UNPLUGGED FROM THE MAINS BEFORE MAKING ANY CONNECTIONS!

Connecting the TV Antenna

Connect the TV antenna to the aerial socket with a 75 ohm co-axial plug. For best results use a high gain TV aerial, preferably roof or loft mounted.

- To improve picture quality in a poor signal area, purchase and install a signal amplifier.
- If the antenna needs to be split for two TVs, use a 2-Way Signal Splitter (not supplied).



Connecting external devices

This instruction manual shows the simplest and most effective way of connecting your TV to ancillary equipment. Alternate methods are listed below.

HDMI Lead

You can connect this TV to a compatible device using a HDMI lead. This method will give the best picture.

Connect the cable from the HDMI equipment to the TV HDMI socket.

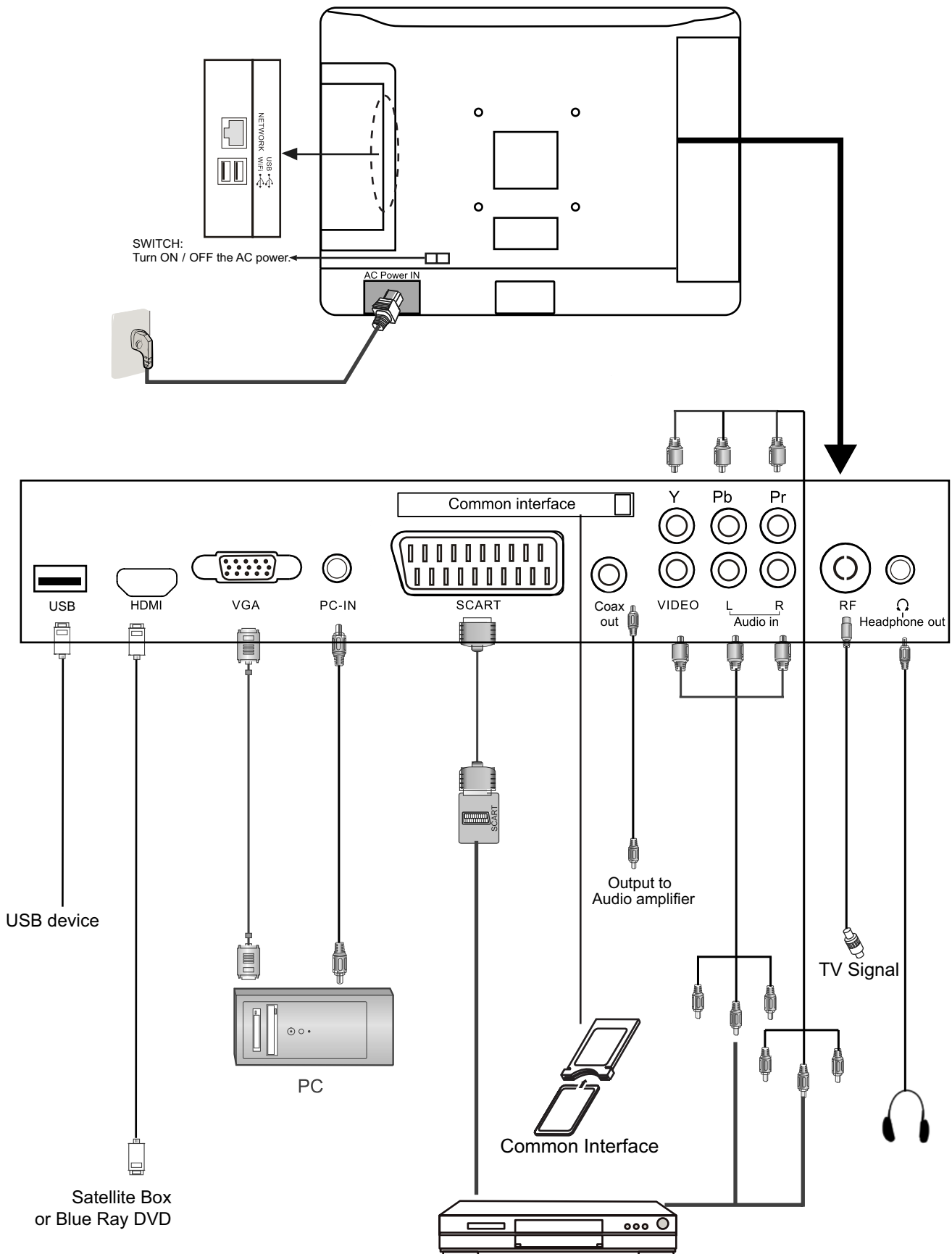
SCART Lead

You can connect this TV to a compatible device using a SCART lead. The connection uses component video signals, i.e. the red, green and blue (RGB) content of the video are sent on separate signals.

VGA Cable

You can use your TV as a monitor for your personal computer by using a VGA cable. Sound from your personal computer may also be played through the TV.

Connecting external devices (continued)



Connecting external devices (continued)

CONNECTIONS

Name	Function Description
AC POWER IN	Connect to power supply
USB	Connect to USB device for multimedia
HDMI	Connect to the HDMI socket of your DVD or Satellite Box
VGA	Connect to the PC VGA output to display PC graphics
PC-IN	PC audio input
SCART	Connect to the scart input / output of external devices
Coax out	Output to Audio amplifier
YPbPr	Connect to the YPbPr output on external devices
Video	Connect to the video output of external devices
(AUDIO)L/R IN	Audio signal input for AV(Shared with YPbPr)
RF	Connect to TV-Aerial
Ω Headphone	Connect Headphone
CI	CI slot (pay as you view card slot)
WiFi USB	Connect to USB device
NETWORK	Connect to network

Caution:

Before connecting external devices:

- Makes sure to disconnect the appliances from the power supply in order to avoid any potential damage from occurring.
- Make sure to establish the required connection.
- Make sure that the connectors are properly and correctly attached before connecting the appliances to the power supply.

Connecting external devices (continued)

PC connection

As PCs are sometimes still supplied with a 'conventional' CRT monitor, you may need to adjust the display settings of your PC's graphics card, otherwise the pictures may not appear correctly. Switch on your PC (still with your original monitor connected) now select the screen resolution, and select 60Hz refresh rate. Switch off your PC, then connect it to your TV while both appliances are still switched off.

VGA, HDMI PC Connection

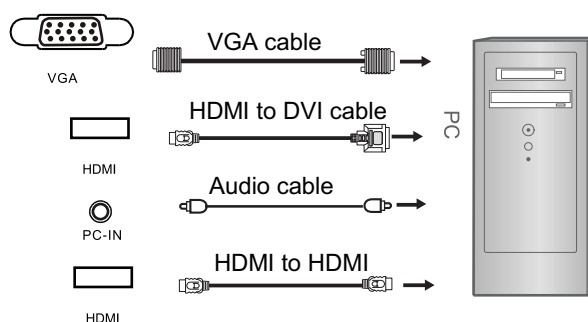
Use a PC-VGA cable (not supplied) to connect the TV to your PC. You can also use an HDMI cable to connect to your PC (if your PC Graphic card supports HDMI). When the HDMI cable is used, the PC audio cable is no longer required. If you use the HDMI to DVI cable, you will need to use the PC audio cable. Connect all cables carefully and do not bend or break the connector pins.

When using the VGA cable

- Switch on the TV
- Switch on the PC
- Select PC/VGA as input source

When using the HDMI cable

- Select HDMI as input source



(All illustrated cables are not supplied)

Connecting external devices (continued)

Connecting Video camera and Video recorder

Video camera

- Connect the AV cable to the TV and to the video camera.
- Turn on both video camera and the TV.
- Select AV/CVBS source
- You can now see the playback picture from the video camera.

Note:

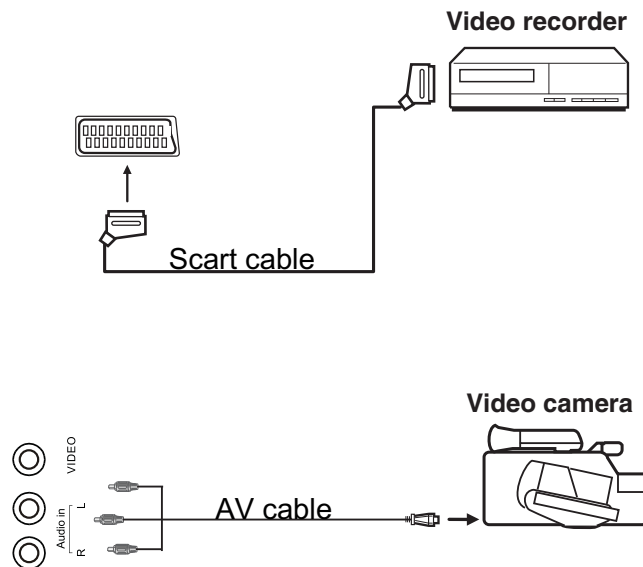
- To connect the video camera using other cables, refer to the video camera instruction manual.

Video recorder

- Connect the Scart cable to the TV and video recorder.
- Turn on both video recorder and the TV.
- Select Scart source
- You can now see the playback picture from the video recorder.

Note:

- To connect the video recorder using other cables, refer to the video recorder instruction manual.

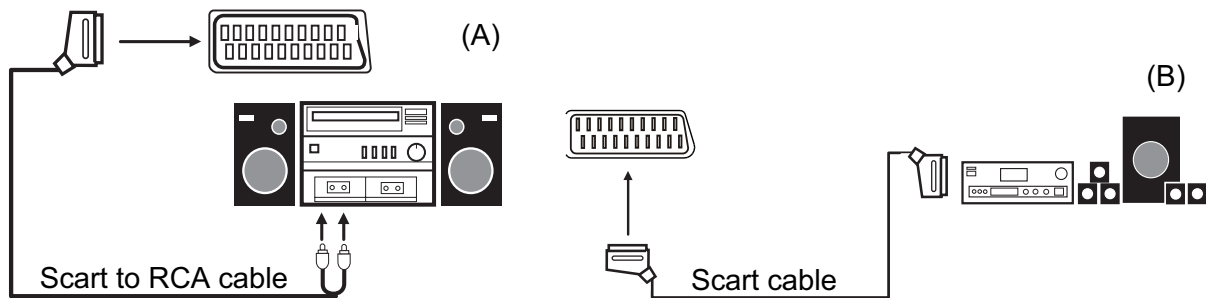


(All illustrated cables are not supplied)

Connecting external devices (continued)

Connecting an audio system

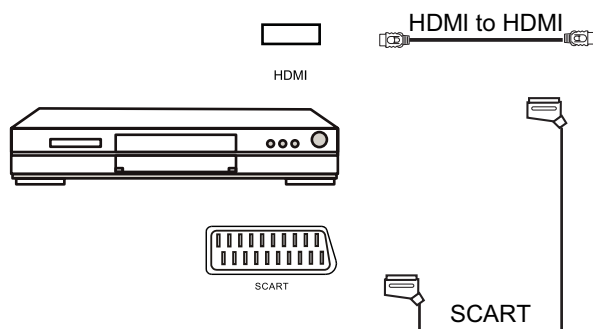
You can supply the TV sound to the stereo system (A) with the Scart socket. Use a special scart cable SCART to RCA. (Please consult your hi-fi instructions for details). If you have a surround sound amplifier/decoder (B) Use the Scart cable or the special scart cable Scart to RCA.



(All illustrated cables are not supplied)

Connecting a DVD player

Connect a DVD player using either a SCART cable or the HDMI cable.
(only if your external equipment supports HDMI).



When using the SCART cable

- Switch on the TV
- Switch on the DVD player
- Select SCART as input source

When using the HDMI cable

- Select HDMI as input source

(All illustrated cables are not supplied)

Common Interface Slot

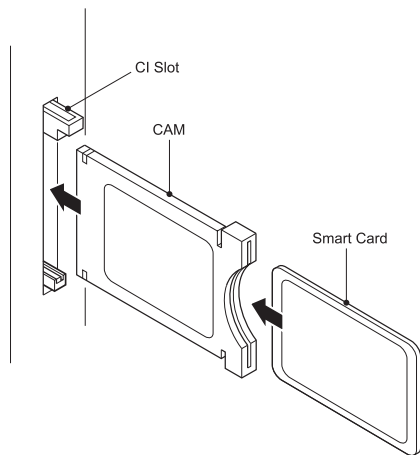
USING YOUR COMMON INTERFACE SLOT

Common Interface

The Common Interface (CI) slot is designed to accept the Conditional Access Module (CAM) and Smart Card in order to view the pay TV programmes and additional services. Contact your Pay Per View TV service provider to get more information about the modules and subscriptions.

NOTE: Conditional Access Module and Smart Cards are sold separately.

WARNING! SWITCH OFF YOUR TV BEFORE ANY MODULE IS INSERTED INTO THE COMMON INTERFACE SLOT, THEN ADD THE SMART CARD TO THE CAM.



1. Turn on the TV and ensure 'DTV' Source is selected.
2. If the CAM is detected the TV will display the following message on the screen. "Common Interface Module inserted" wait for a few moments until the card is activated.
3. Select the relevant digital Pay Per View channel.
4. Detailed information on the Smart Card in use is displayed
5. Press the Ok button to access the card menu. Refer to the Module Instruction Manual for setting details.
6. When the module is removed, the following message will appear on the screen. "Common Interface module removed".

Auto installation setup

Power On / Off the TV

Power Switch On / Off

Press the power switch to setting

To turn on the TV

Press the power button on the TV or the

To turn off the TV

Press the power button on the TV or the

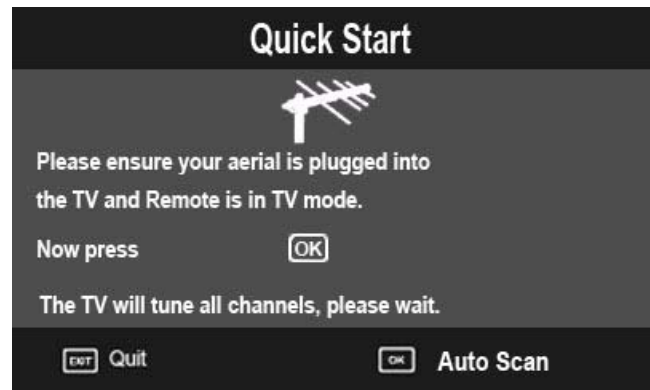
To turn the TV off completely press the power switch to setting

When you initially turn on the TV you will see the first time installation menu as below:

Ensure that the aerial is plugged in to the TV, Make sure your Remote is in TV mode (by pressing

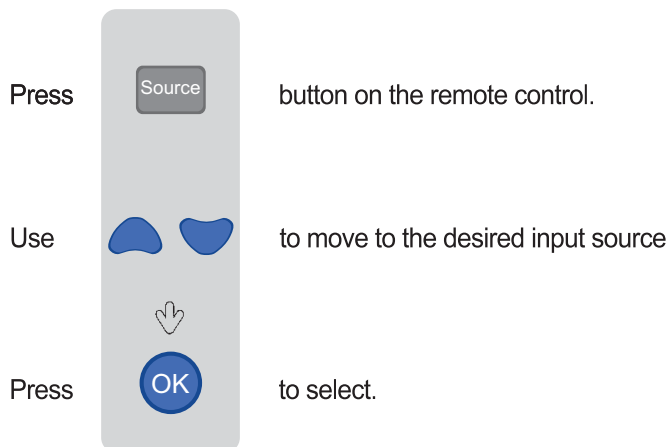
Press the

By pressing the Quick Start button the first time installation can be recalled at any time.



Source Menu

You can select the input source menu by pressing the Source button on the remote control or the TV / AV button on the TV.



Menu Settings

1. Turn the TV on.
2. Press the MENU button on the Remote Control.
3. Use the ◀ and ▶ buttons to navigate through the menu.
4. Press the EXIT button to exit the Menu.

TV SETTINGS MENU

Allows you to search channels and set up a variety of channel options.
(Select DTV source for example)



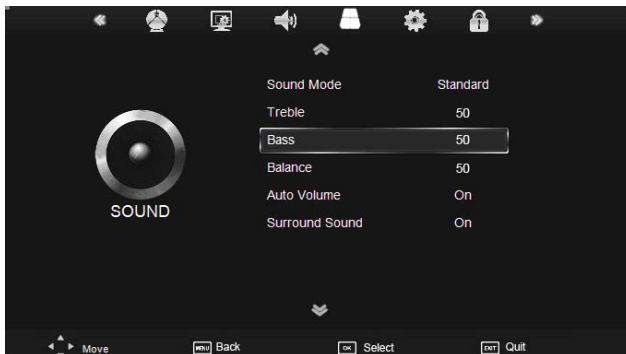
PICTURE MENU:

Allows you to make adjustments to your picture settings.
(Select DTV source for example)



SOUND MENU:

Allows you to customize the sound options and effects.
(Select DTV source for example)



EXTRAS MENU:

Allows you to setup a variety of time options.
(Select DTV source for example)



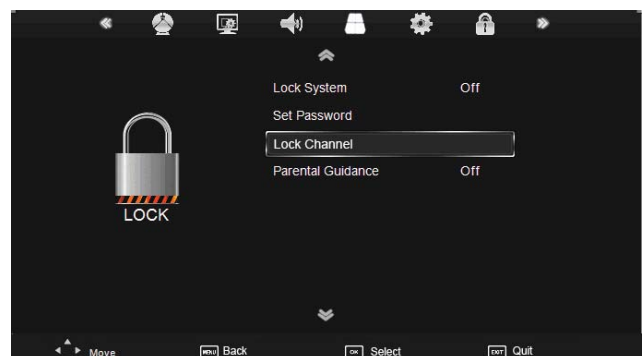
OPTIONS MENU:

Allows you to setup a variety of setup options.
(Select DTV source for example)



LOCK MENU:

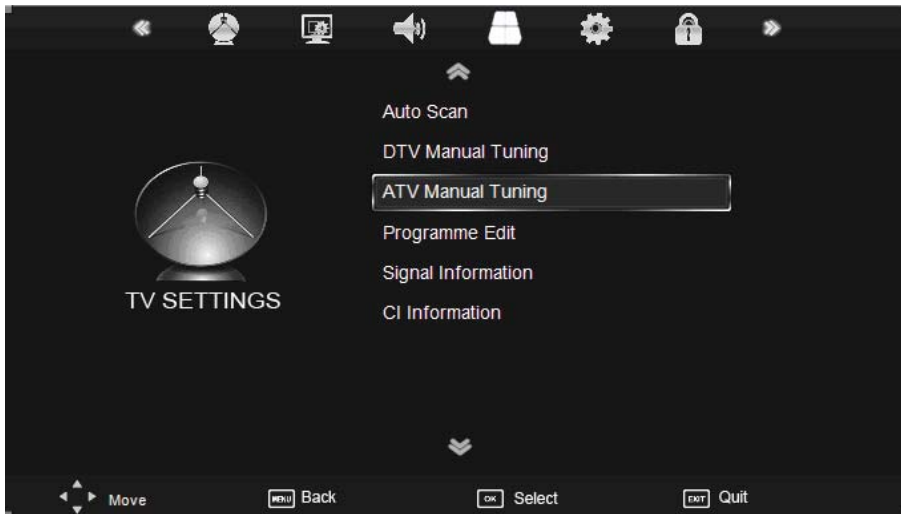
Allows you to set up a variety of lock and setup options.
(Select DTV source for example)



Note: Use the left right up down navigation buttons to select the required options in the menus.

Menu Settings (continued)

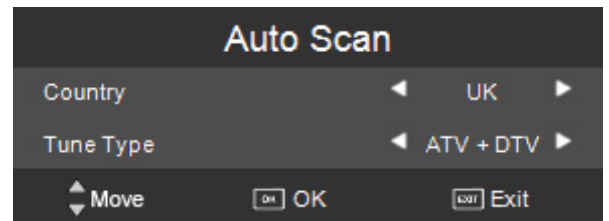
1. TV SETTINGS menu



Description

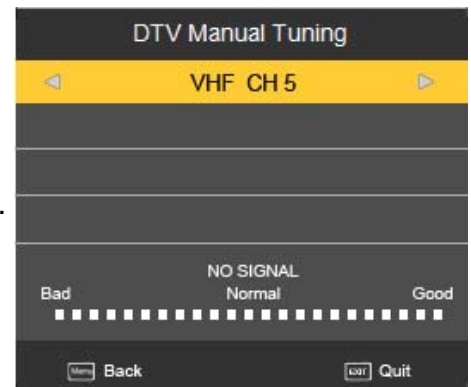
Auto Scan

Press **OK** button to enter the hint menu, and select the Country and Tune Type mode for the TV, then press **OK** button to start auto tuning.



DTV Manual Tuning

Press **OK** button to enter the DTV Manual Tuning menu, select a DTV channel, and press **OK** button to start searching.



ATV Manual Tuning

Press **OK** button to enter the ATV Manual Tuning menu.

Storage To: Select a position for storing the programme.

System: Select a TV system for searching.

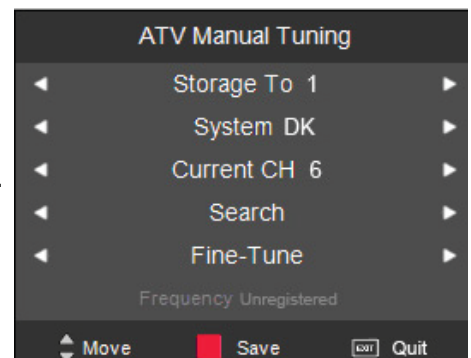
Current CH: Select the channel you want to manual tuning.

Search: Press ◀ / ▶ button to manual search.

Fine Tune: Press ◀ / ▶ button to fine-tune.

Frequency: Display the current frequency.

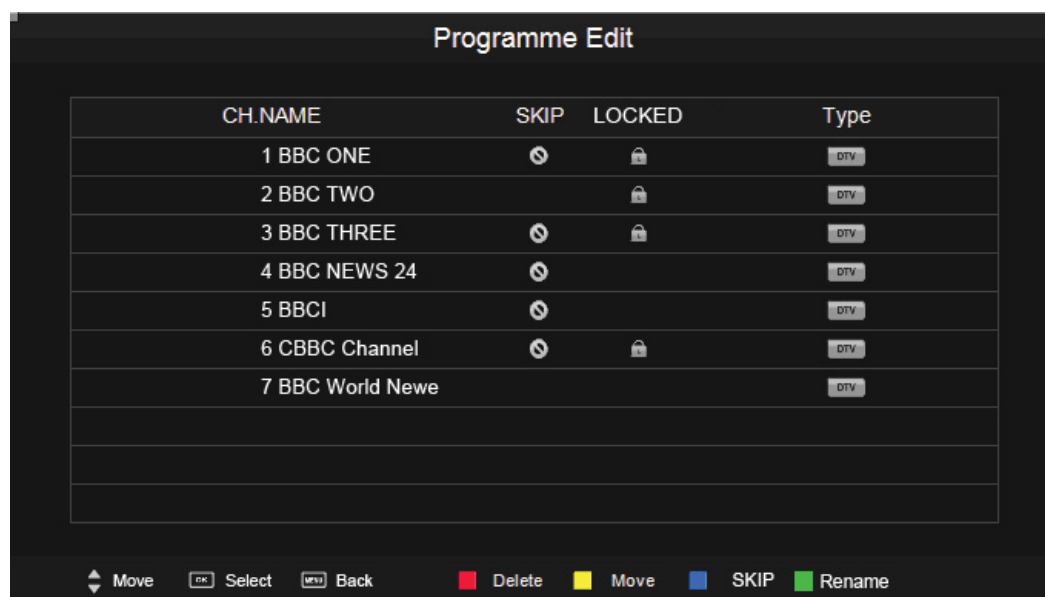
Note: Press RED button to save your settings



Menu Settings (continued)

Programme Edit

Press **OK** button to enter the Programme Edit menu as the following picture.



Delete: Select a channel and press **RED** button to delete.

Move: Select an **ATV** channel, and press **YELLOW** button, then you can use **▲** and **▼** buttons to change the position of the programme, press **YELLOW** again to confirm the change. Press menu to exit and it will automatically save the current set.

Skip: Select a channel and press the **BLUE** button to label the channel, as long as the channel has a skip label it will be skipped when searching through the channels with the CH+/- buttons.

Rename: Select an **ATV** channel and press the **GREEN** button to change the name of the channel by **◀ ▶ ▲ ▼** buttons

Signal Information

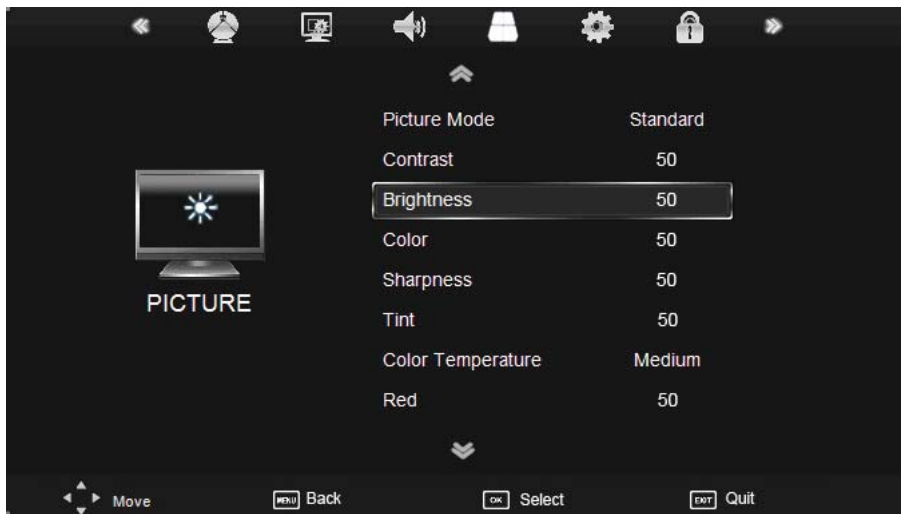
Display the digital TV-signal information (DTV mode only).

CI Information

Please contact your “pay perview” provider who can supply a viewing card and cam unit with instructions for their use.

Menu Settings (continued)

2. PICTURE menu



Description

Picture Mode: Choose from Standard, Dynamic, User and Mild.

Note: *Contrast, Brightness, Color and sharpness are only available and can be adjusted in the User mode option in the Picture Mode Settings.*

Contrast: Controls the difference between the brightest and darkest regions of the picture.

Brightness: Controls the overall brightness of the picture.

Color: Control the color.

Sharpness: Increase this setting to see crisp edges in the picture; decrease it for soft edges.

Tint: Controls the tint (NTSC mode only).

Color Temperature: Choose from Medium, Cool, User and Warm.

Red: Controls the red colour of the picture.

Green: Controls the green colour of the picture.

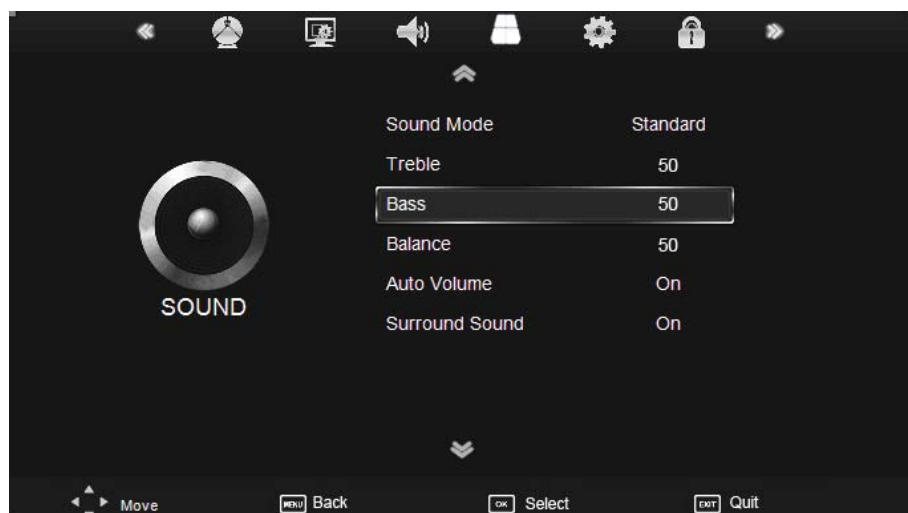
Blue: Controls the blue colour of the picture.

Aspect Ratio: Choose from Auto, 4:3, 16:9, Zoom1, Zoom2, Just Scan and Panorama.

Noise Reduction: Choose interference noise modes form Off, Low, Middle, High and Default.

Menu Settings (continued)

3. SOUND menu



Description

Sound Mode: Allows you to select among: Standard, Music, Movie, Sports and User.

Treble(Can be adjusted when the sound mode is User): Controls the relative intensity of higher pitched sounds.

Bass (Can be adjusted when the sound mode is set to User): Controls the relative intensity of lower pitched sounds.

Balance: To adjust the balance of the left and right sound track, or turn off the volume of the left and right sound track.

Auto Volume: Control the volume of the programme automatically when you turn on the function by selecting “On”.

Surround Sound: Turn on/off the surround sound function by selecting “off”/“surround”.

Menu Settings (continued)

4. EXTRAS menu



Description

Sleep Timer: Allows you to setup the sleep timer among: 10min, 20min, 30min, 60min, 90min, 120min, 180min, 240min and off.

PC Setup (PC mode only) : Press **OK** button to enter the submenu to adjust Horizontal / Vertical position, Size or Phase of the picture.

Note: The options Schedule List, Recorded List, Timer Record and PVR File System are described on pages 29 -31.

Menu Settings (continued)

5. OPTIONS menu



Description

OSD Language: Allows you to select menu language.

Audio Language (can be selected in DTV mode): Allows you to select audio language.

Subtitle Language (can be selected in DTV mode): Allows you to select subtitle language.

Menu Time Out: Allows you to setup the time of the menu display on the screen among: 5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s.

Country: Displays UK, this can be changed by using the Auto tune function.

Restore Setting: Press **OK** button to restore factory default.

Menu Settings (continued)

6. LOCK menu



Description

Lock System: Turn on/off the Lock System function.

Note: You should enter the code to operate the menu.(original code is 0000)

Set Password: Set pin code. If the Pin code has been changed you must enter the present code.

New : Enter the new password.

Confirm: Enter the new password.

Lock Channel: You must enter the password to view channels that have been locked. Use ▲ and ▼ buttons to select the channel and press the GREEN button on the remote control to lock the channel.



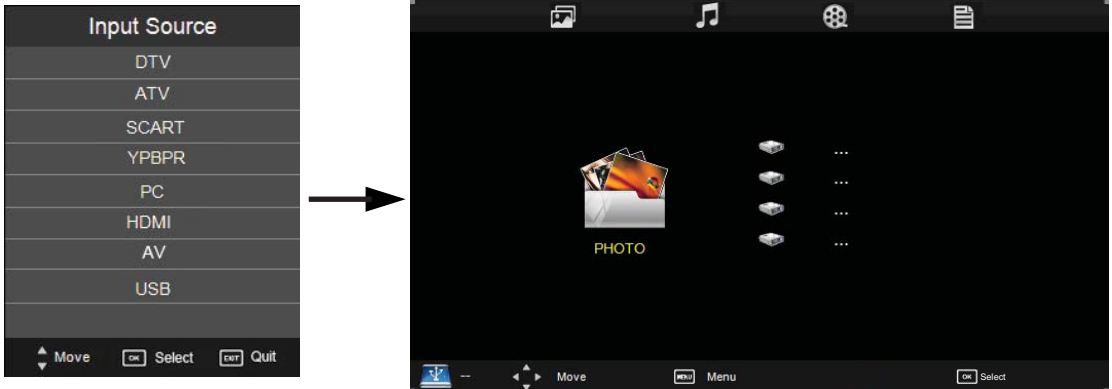
CH.NAME	SKIP	LOCKED	Type
1 BBC ONE			DTV
2 BBC TWO			DTV
3 BBC THREE			DTV
4 BBC NEWS 24			DTV
5 BBCI			DTV
6 CBBC Channel			DTV
7 BBC World Newe			DTV

Parental Guidance: Allows you to select the Parental Guidance mode.

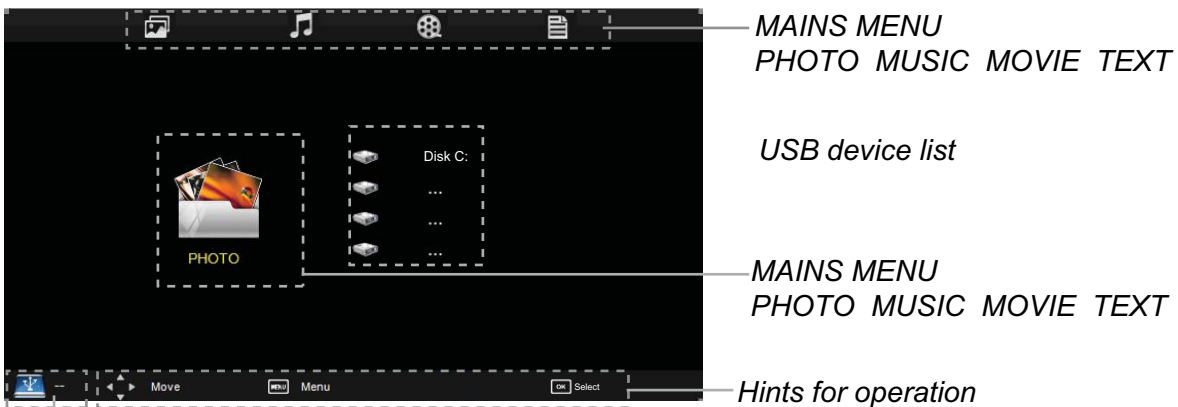
Multimedia Operation

Basic Operation

1). Press the SOURCE button on the remote control to display the input source menu, select USB source by the ◀ / ▶ buttons, and press OK button to enter the Multimedia menu seen below.

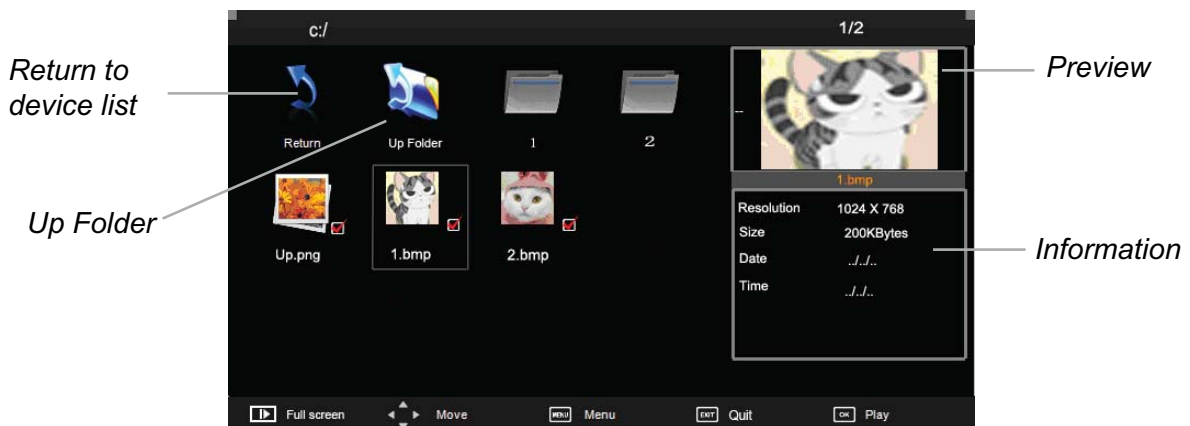


2). Insert USB device, you will find the name of the device display on the screen.



Hints and informations of USB device

3). Press ◀ / ▶ button to select the files on the USB device (PHOTO, MUSIC, MOVIE, TEXT) to view or play.



Press ◀ / ▶ / ▲ / ▼ buttons to select and the OK button to activate the file or open folder. Press ▶ button to play the files in full screen mode. When in full screen mode press the OK button to show the option menu on the bottom of the screen or press ■ stop button to return to files.

Multimedia Operation (continued)

1. Photo

Photo viewing



Press ◀/▶ button to select the option on the menu, and press **OK** button to change.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.

Music: Play/Pause the music.

Playlist: Display the playlist on the screen and select the photo of your choice.

Info: Display the information of the file.

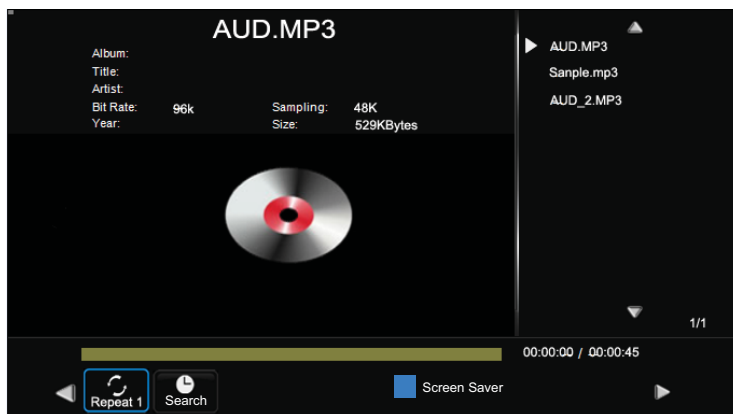
Rotate: Rotate the photo clockwise/counterclockwise.

Zoom Out/In: Zoom out/in the photo.

Move View: Move the photo in Zoom out mode.

2. Music

Play the music



Press ◀/▶ button to select the option on the menu, and press **OK** button to change.

Press ▼/▲ button to select the music, and press **OK** button to play.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.

Search: Program the music from the time you set.

Press **OK** button to display the time table, and select the position by ◀/▶ / ▼/▲ button, set the time by the number buttons, select "OK" and press **OK** button to search.

Screen Saver: Press **BLUE** button to enter the Screen Saver mode, press again to exit.

Multimedia Operation (continued)

3. Movie

Play the movie



Press ◀/▶ button to select the option on the menu, and press **OK** button to change.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.

Set A-B: Select and play the preferable part of the file by setting A and B at the beginning and end. Press **OK** button to cancel.

Playlist: Display the playlist on the screen.

Info: Display the information of the movie.

Slow: Play the movies at slow speed, press ▶ button to cancel.

Step: Step quickly through the movie by using this option

Search: Program the movie form the time you set.

Zoom out/in: Zoom out/in the movie screen.

Aspect Ratio: Select the aspect ratio of the screen display.

Move View: Move the photo in Zoom out mode.

4. Text

View the text



Press ◀/▶ button to select the option on the menu, and press **OK** button to change.

Prev/Next page: Turn to previous/next page of the text.

Prev./Next: Turn to previous/next file.

Stop: Stop auto turning pages.

Music: Play/pause the music programme.

Playlist: Display the playlist on the screen.

Info: Display the information of the text.

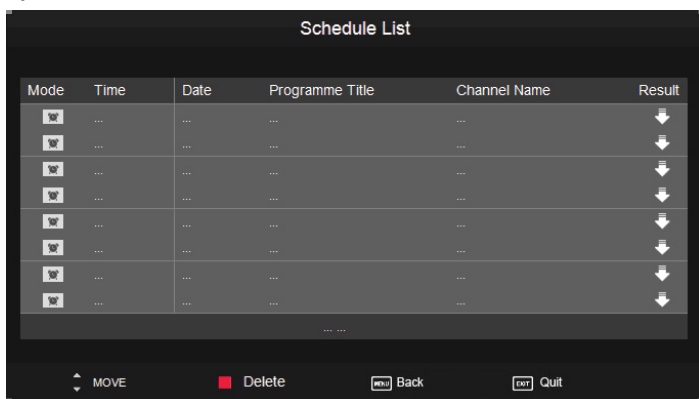
Recording Operation

PVR settings

Press the MENU button, and select EXTRAS menu.



1). Schedule List



Display the recorder shedule.

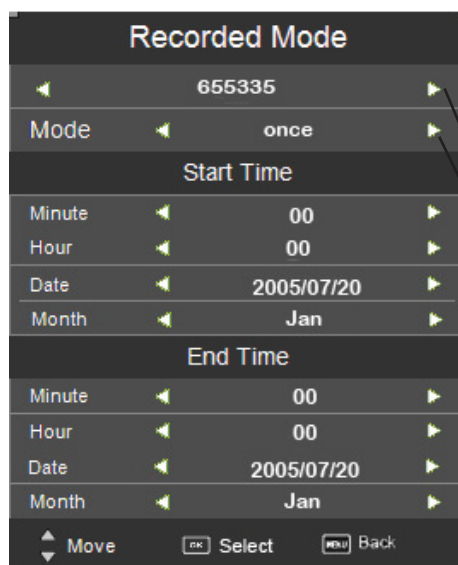
2). Recorded List



INFO: Display the information of the programme you recorded.
RED button: Delete the recording you select.

Recording Operation (continued)

3). Timer Record



Set the timer record

The TV will record the programme automatically according to your settings.

TITLE: Select the channel you want to record.

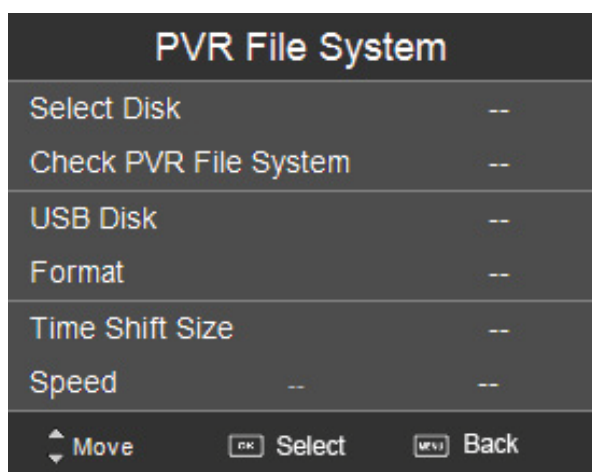
MODE: Select the record mode.

Start Time: Select the start recording time.

End Time: Select the end recording time.

Press **OK** button to save the setting and exit the menu, and there will be a hint on the screen.

4). PVR File System



Setup the PVR File system before you start recording.

Select Disk: Select the device for the Record files.

Check PVR File System

USB Disc: Display the USB state.

Format: Format the USB device for PVR operating.

Time Shift Size: Display the size of the USB device (The device has been formatted).

Speed: Display the speed of the USB device (The device has been formatted).

Recording Operation (continued)

5) Start Recording

Record and Time shift function buttons

R Recording: Press to start recording.

|▶ PAUSE: Press to enter the timeshift mode, press again to play the recording.

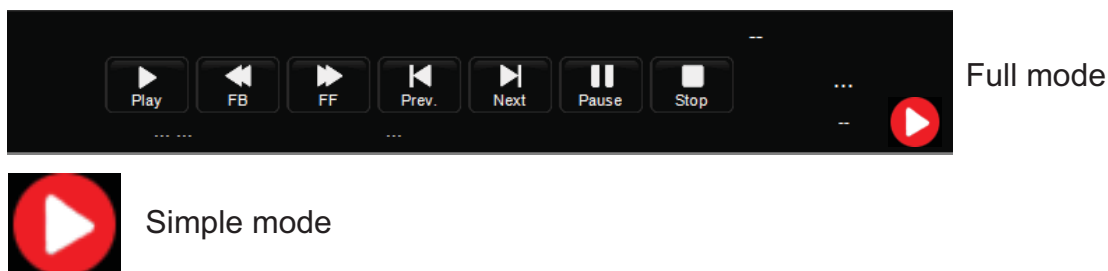
■ Stop: Press to stop recording or timeshift.

B: To display the list of programmes scheduled for recording.

A: To display the list of programmes already recorded on the USB.

1) Recording menu

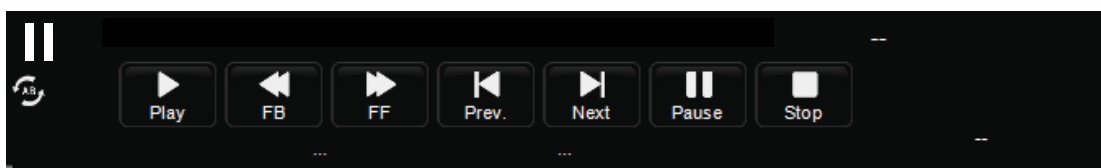
When you press **R** REC button, the screen will display the recording menu as below:



- Note:
- display and exit the navigation menu by pressing the **R** REC or Exit buttons.
 - Press STOP button to exit the recording mode.
 - Press PLAY button to play the programme you are recording from the beginning.

2) Timeshift menu

Press **|▶ PAUSE** button to enter the Timeshift mode, and the picture will be paused, the recording will begin.



- Note:
- Display and exit the navigation menu by pressing the Exit buttons.
 - Press STOP button to exit the Timeshift mode.
 - Press **|▶ PLAY** button to play the programme you are recording from the beginning.

EPG menu

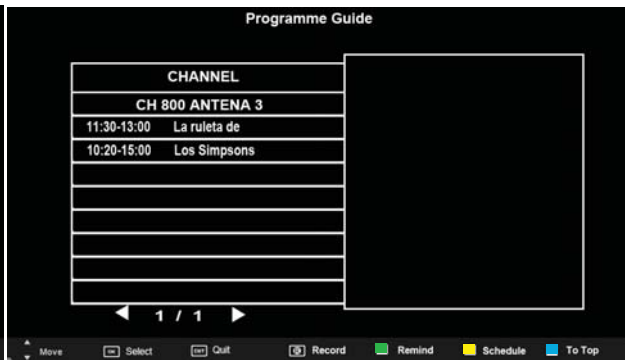
Display the programme guide by pressing the **GUIDE** button.
Press the **BLUE** button to highlight the top of the table in yellow, press the ◀ / ▶ to select CHANNEL or TIME.

Programme list by TIME



Press ▼ / ▲ button to highlight the date, now press the ◀ / ▶ buttons to select the date you want to view (7 day EPG)

Programme list by CHANNEL



Press the ▼ / ▲ buttons to highlight the channel option, press ◀ / ▶ buttons to select the channel you want to view.

You can select a programme for recording using the ▼ / ▲ buttons.

Record: Press **R** button to display the Recorded Mode menu, and set the timer record. When the programme starts it will be recorded to the USB device.

Remind: Press GREEN button to display the remind menu, and set the time. When the programme starts the TV will automatically switch to this programme.

Schedule: Press YELLOW button to display the schedule list.

To Top: Press **BLUE** button to return to and highlight the top of the table.

TROUBLE SHOOTING GUIDE

To assist in locating possible faults use the help guide below.

SYMPTOM TROUBLESHOOTING

No Picture, no sound	Check that the TV is correctly plugged in. Check that the TV is connected to a suitable power source. Check the electrical supply is turned on.
No Picture	Ensure that the TV is powered on. Check that the cables are fitted securely. Ensure the aerial and/or external sources are connected. Press the SOURCE button to change the source. Turn the TV on or off.
No Sound	Press the MUTE button and check if Mute mode is set. Switch to another channel and see if the same problem occurs. Press V+ button to see if the problem can be solved.
No picture on some channels	Check that correct channel is selected Adjust the antenna.
No colour on some channels (black & white)	Check if the same problem exists on other channels. Ensure the correct picture settings are selected.
Noisy, Snowy, Ghosting picture.	Check the antenna is connected correctly. Check that the antenna is in good condition. Try moving the antenna.

If none of the suggestions seem to work, try switching your TV off and then on again. If this does not work contact our technical helpline 0871 288 7345.

NOTE: The TV must only be repaired by a qualified registered service person. Never attempt to remove the back cover as the TV has dangerous voltages inside that may cause fatality or fire.

TECHNICAL SPECIFICATIONS

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

TV Specifications

TV System	PAL / BG / DK / I
Audio System	BG / DK / I
Screensize	22"(Diagonal)
Resolution	1920 x 1080Pixels(RGB)
Aerial input	75 Ω (unbalanced)
Audio output power	2 x 3W
Power requirements	100-240V ~ 50/60Hz
Power consumption	< 72W
Standby power consumption	<1W
Weight	5.00 kg

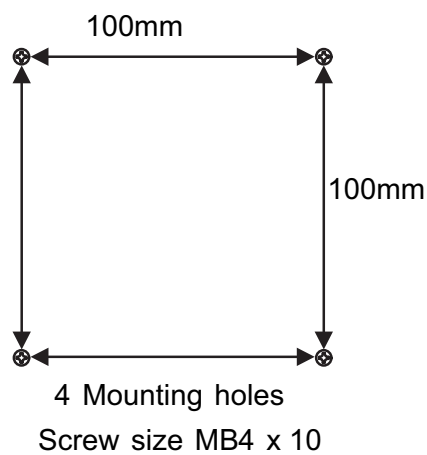
Remote control specifications

Type	Infrared
Control distance	5m
Control angle	30 degrees(Horizontal)
Batteries	2 x 1.5V, SizeAA
Dimensions	60 x204 x32mm
Weight	140g(without batteries)

Wall Mounting

1. The stand must first be removed. Place the TV face down.
2. Press the two retaining clips forward using the thumb and forefinger to release the base of the stand. Remove the two screws inside of the trunk of the stand still attached to the TV. Remove the four screws on the back of the TV to release the remaining part of the stand.
3. Remove and store the stand and screws.
4. Use four machine screws to mount the TV on the bracket.

This unit is VESA-Compliant and designed to be wall mounted with a VESA-Compliant 100mm x 100 mm mounting kit. Mount this unit according to the instructions of the wall bracket (not supplied)



Waste Electrical Recycling

Correct disposal of Product



This sign indicates that this product may not be disposed of with your regular household waste. The recycling and separate collection of such products is your responsibility. Please drop off the above mentioned waste at a designated place for recycling waste electrical and electronic equipment. If you do not know where to drop off your waste equipment for recycling, please contact your local city office or household waste collection service.



The crossed out wheeled dust bin symbol indicates that batteries and /or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemicals symbols for lead(Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.



By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased this product.



This appliance complies with European Safety and Electrical directives.