

# User Manual

LCD IDTV with integrated DVD player

Model No: **224LDD**  
**194LDD**  
**154LDD**



## Series 4

Thank you for purchasing this LCD Television with integrated DVD. Please take time to carefully read this user operating manual paying special attention to the section detailing "Warnings and Safety Precautions". Being familiar with all of the operational functions of your new TV will greatly improve your viewing enjoyment. Please keep this guide safe for your future reference.

*Do not touch any parts inside the TV or make changes to any settings not described in this user guide!*

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## 1.

## Specifications

Screen Size (Diagonal)	15.6"	18.5"	19"	21.6"
Display Resolution	1366X768	1366X768	1440X900	1366X768
Viewing Angle	170° (H), 160° (V)			
Brightness	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Display Colour	16.7 million			
Response Time	8 msec	5 msec	5 msec	6 msec
Lamp Life Time	> 50,000 Hours minimum			
Colour System	PAL / SECAM. BG / I / L / L' / DK. NTSC (3.58 & 4.43) only for AV inputs			
Channel Coverage	VHF – L			
	VHF + L			
	UHF			
Nominal Input Voltage	100-240 V~			50/60 Hz
Antenna Input Impedance	75 Ohms unbalanced			
Power Consumption	50 W	50 W	50 W	65 W
Audio Output (Rated Output)	2 X 3 W (+/- 1W) (RMS)			
USB Port / MMC / SD CARD	On selected models only			
	DVD			
DVD; DIVX; DVD+/-R; DVD+/-RW; CD-RW; VCD; SVCD; ACD; HDCD				Y
MP3; MPEG 4; WMA; JPEG; KODAK PICTURE CD				Y
Programming				Y
Repeat 1, Repeat All				Y
Osd Languages				Y
Subtitle Languages				Y
Menu Languages				Y
Audio Languages				Y
THIS RECEIVER SUPPORTS ONLY FREE TO AIR CHANNELS				
NOTE: ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.				

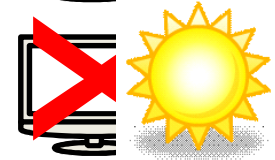
## 2.

## Warnings and Safety Precautions

**Do not remove the rear cover** – do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions leading to serious injury or death. Request a qualified agent to perform servicing.



**Do not expose TV to direct sunlight or other heat sources** – to prevent fire, never place any type of candle or naked flame on the top or near to the TV set. Keep the product away from heat sources such as radiators, heaters, stoves and other heat generating products including amplifiers.



**Do not expose to rain or moisture** – do not use the product near water, such as a bathtub, washbasin, kitchen sink, laundry tub, swimming pool or in a wet basement.



Do not place vases or any other water filled containers on this product. The water may spill onto the product causing fire or electric shock leading to serious injury or death.

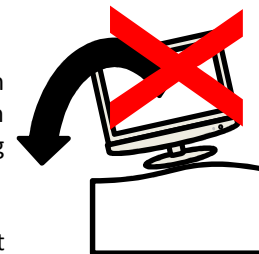
**Do not block ventilation openings** – adequate ventilation is essential to prevent set failure. The vents and other openings on the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/ or shorten the life of the product.



Do not place the TV on a bed, sofa, rug or other similar soft surface since they can block ventilation openings. This product is not designed for built-in installation, do not place the TV in an enclosed place such as a book case or rack, unless proper ventilation is provided. You should leave at least 5cm space around all sides of the TV.

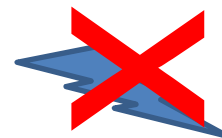
**Do not locate the TV on unstable, sloping or uneven surfaces** – this can cause the product to fall resulting in serious personal injuries as well as damage to the product.

Do not place the product on an unstable cart, wall mount, stand, tripod or table. When relocating the product placed on a cart, it must be moved with utmost care. Sudden stops, excessive force and uneven floor surfaces can cause the TV to fall causing damage and possible serious injury.



**The LCD Panel used in this product is made of glass** – therefore, it can break if the unit is dropped or an impact applied. If the LCD panel is broken, be careful not to be injured by broken glass and remove the power lead before touching the unit.

**Lifting and carrying the TV requires two hands** – when moving the TV it should always be carried in both hands, be careful not to apply pressure on the display.



**Do not allow anyone to pull, push or climb on the TV** – this may cause the product to fall. In particular, ensure children do not hang over or destabilize the TV; doing so may cause the TV to tip over, causing serious injuries or death.

**Power lead cautions** – Use only the mains lead supplied with the TV. Contact your local dealer for a replacement if required. The TV must be connected to a mains socket having a protected earth connection. The mains socket must be installed by a qualified electrician. If the earthing on the socket is not provided then there is a possibility of electrical shock. Do not connect earthing to water pipes, gas pipes, telephone lines or lightning rods.



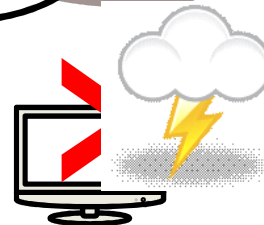
**Do not place the AC main cord under the TV** - or other heavy item, this could lead to fire or electric shock hazard.

## Warnings and Safety Precautions

**Do not allow anything to rest upon or roll over the power cord** – and do not place the TV where the power cord is subject to damage or left trailing in a position that could cause someone to trip leading to injury and/ or damage to the product.



**Remove the AC plug from the wall outlet** – when the TV is not in use for a prolonged period of time and before going to bed. Ensure that the mains plug is easily accessible at all times. The power switch on this model does not fully disconnect the TV from the mains supply – unplug to fully switch off and save electricity.



Unplug the TV in the event of a thunderstorm. Both the mains and the aerial should be disconnected under these conditions.

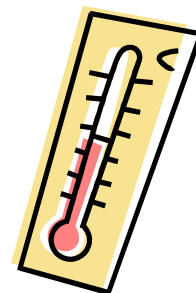
Unplug the TV in case of abnormal operation – smoke, odd sounds or smells.

**The TV is designed for operation on a 100 – 240V (50Hz/ 60Hz) AC power source.**



**Aerial Information** – connect the antenna cable from your antennal/ cable socket or the (room/ roof) antenna to the ANT IN terminal on the back of the TV to be able to receive both Digital and Analogue broadcast transmissions. For proper operation/ performance we recommend you use an antenna cable with a ferrite filter at both ends.

**Cautions regarding use in high and low temperatures** – when the unit is used in low temperature conditions the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.



Do not leave the unit in a hot or cold location – as previously discussed – do not leave in direct sunlight or near a heater as this may cause the cabinet to deform and the LCD panel to malfunction.

**NO WARRANTY CLAIMS ARE ACCEPTED FOR DAMAGE CAUSED BY UNSUITABLE USE**

**This TV product is designed to receive and display video and audio signals and for use as a PC monitor.**

**ANY OTHER USE IS PROHIBITED** \_\_\_\_\_

### **Maintenance & Notes**

**Cleaning** – Unplug the AC cord from the AC outlet before cleaning the product. Use a soft, non abrasive cloth to clean the product. Do not use liquid cleaners or aerosol cleaners. If required slightly dampen the cloth with a drop of water – to aid in removing stubborn marks on the cabinet. For the screen we recommend the use of a specialist LCD screen cleaner which can be purchased from your local electrical dealer.



Don't display a still image on the screen for too long a period as this can cause an after image to remain on screen.

Despite the high quality of the television, random disturbances or interference may cause occasional malfunctioning. In this case the correct function of the TV can be restored by switching off the TV using the power button, removing the mains plug, then switching on the unit as soon as the LED light disappears.



# 3.

# Initial Setup

## Before Starting –

**DO NOT PLUG YOUR TV INTO THE AC MAINS SOCKET UNTIL YOU HAVE READ THIS PAGE CAREFULLY!**

### Please note the following important points!

1. DO NOT CONNECT THE TV TO THE MAINS or USE UNLESS EITHER THE STAND IS FITTED or THE BLOCKING PLATE (SUPPLIED) IS SCREWED SECURELY IN PLACE – SEE INSTRUCTIONS BELOW!!!!
2. Ensure you have plenty of space to work in safely!
3. A screw driver is required to fit the stand!
4. When fitting the stand ensure that the area you lay the TV face down on, is flat, stable and cushioned to prevent damage to the screen!
5. Carefully remove the TV and accessories from the box supplied – retain this and any packaging for 28 days before disposing of.

### In the Box/ Standard Accessories

1 x LCD Television	2 x AAA Batteries (Remote)	1 x Remote Control
1 x User's Manual	1 x Quick Start Guide	1 x Mains Cable
1 x Stand Mount	1 x Blocking Plate (Taped in place as shipped)	3 x Stand Screws

**If any of the above items are missing please consult your retailer or contact service on the number below!**

### Fitting the Stand Mount to the TV

Remove the TV panel from the box and place face down on a flat, cushioned surface (take care not to damage the screen)

1. Remove the Blocking Plate (taped in position) from the bottom of the TV and RETAIN in a safe place for future use. – see fig 1.
2. Carefully insert the stand mount into the opening on the bottom of the TV as shown – see fig 2. Make sure you distinguish between the front and the back of the stand when assembling – see fig 4.
3. Insert and tighten the three screws (supplied) at the rear of the TV – see fig 3. Take care not to over tighten the screws. Carefully lift the TV upright and position on a flat, stable surface for viewing.
4. **FOR SAFETY REASONS – DO NOT PLUG THE TV INTO A MAINS SOCKET WITHOUT THE STAND OR THE BLOCKING PLATE SECURELY FITTED. WHEN NOT USING THE STAND USE 2 X SCREWS (SUPPLIED) TO SECURE THE BLOCKING PLATE (FIG 1) INTO POSITION – USE SCREW POINT 1 AND 2 (FIG 3). THIS IS VERY IMPORTANT IF WALL MOUNTING.**

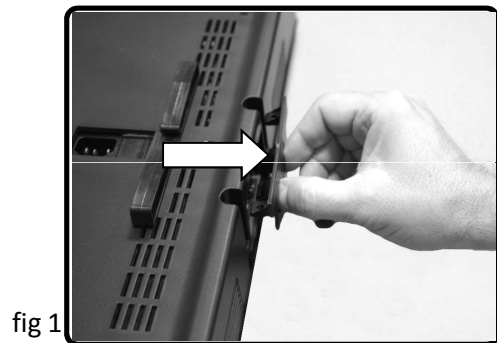


fig 1

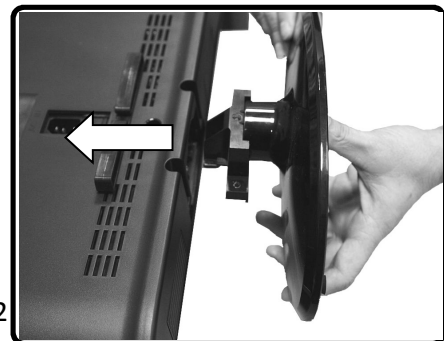


fig 2

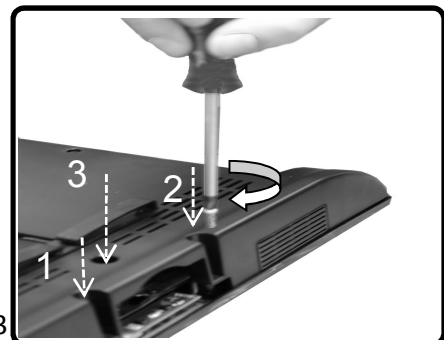


fig 3

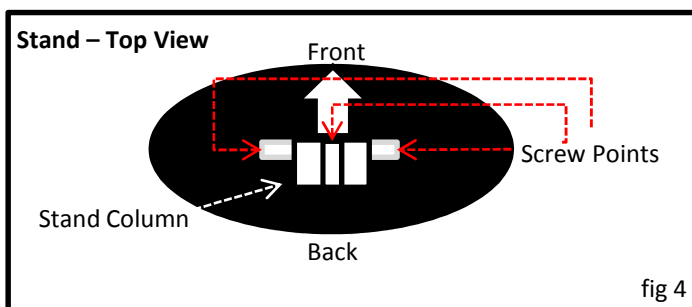


fig 4

# Initial Setup

## Notes on wall mounting the TV

Wall mount items (sold separately) allow you to wall mount this TV onto a wall.

For detailed information on installing the wall mount, please see the instructions provided with the specific bracket.

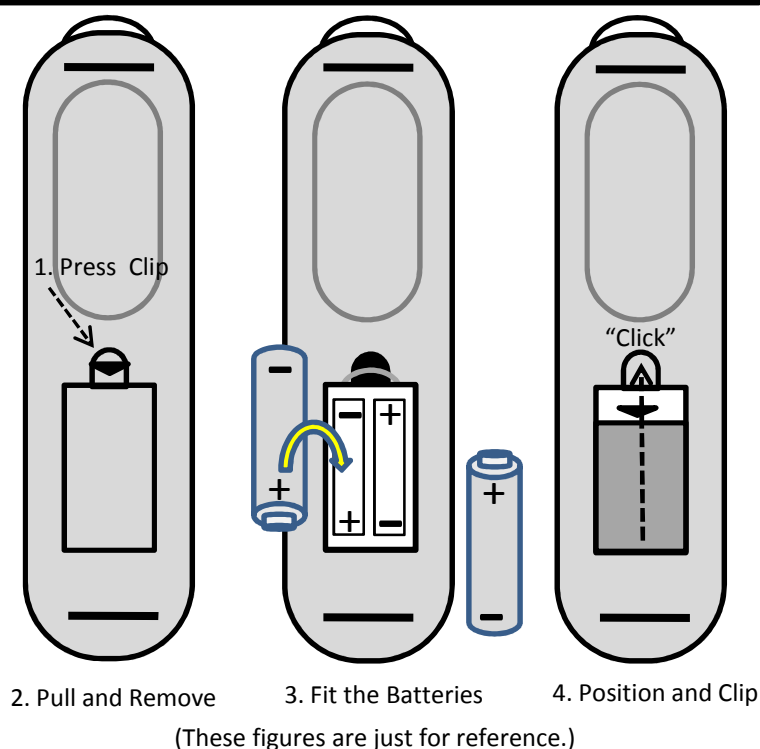
Contact a technician for assistance when installing the TV on a wall mounted bracket.

- DO NOT install your wall mount while the TV is turned on. It may result in personal injury due to electric shock.
- Remove the stand if you are wall mounting this product.

## Remote Control: Battery Installation

The remote control uses 2 x 1.5V AAA batteries. For battery installation and replacement please follow the instructions below..

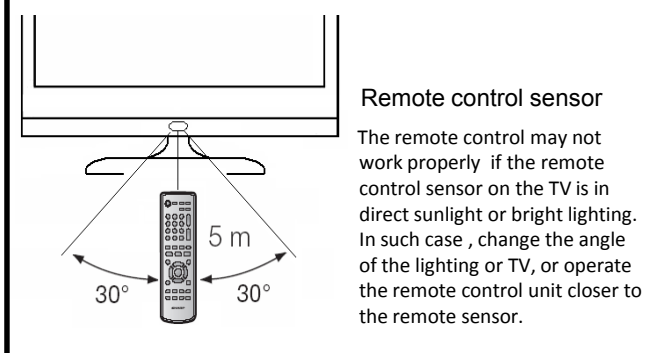
1. Turn the remote control unit upside down. Carefully press down on the locking clip of the battery compartment as directed - pull and lift the cover away from the unit. – see fig 1 and 2.
2. Install the new batteries making sure that the battery polarity matches the + and – guide inside the battery compartment . The unit can be damaged if the batteries are not positioned correctly – see fig 3
3. Close the battery compartment cover carefully by positioning the bottom tab and pushing the locking clip into place in the direction indicated – fig 4. It should click into place once secured.



## Cautions regarding the remote control unit

- Do not expose the remote control to impacts – dropping, sitting on etc...
- Do not spill liquids on the remote control and do not place in areas of high humidity.
- Do not leave in direct sunlight – the heat may cause deformation of the unit.
- Remove the batteries from the remote control if you are not using it for a long period of time (several weeks)
- Do not throw away used batteries with normal household waste.
- Do not mix new and used batteries.
- Do not use rechargeable batteries.
- Do not mix battery types – (alkaline with carbon, zinc etc)
- Do not expose batteries to excessive heat, throw them on the fire, recharge them or try to open them as this could cause them to leak or explode.

Use the remote control by pointing it towards the remote control sensor on the TV.....



**If the remote control does not work, check the following:**

- Is the TV power on?
- Are the batteries fitted correctly – plus and minus terminals ?
- Are the batteries drained?
- Is there a power outage, or is the power cord unplugged?
- Are there objects between the remote and the TV sensor?
- Ensure the remote is in TV Mode – Press the TV key.

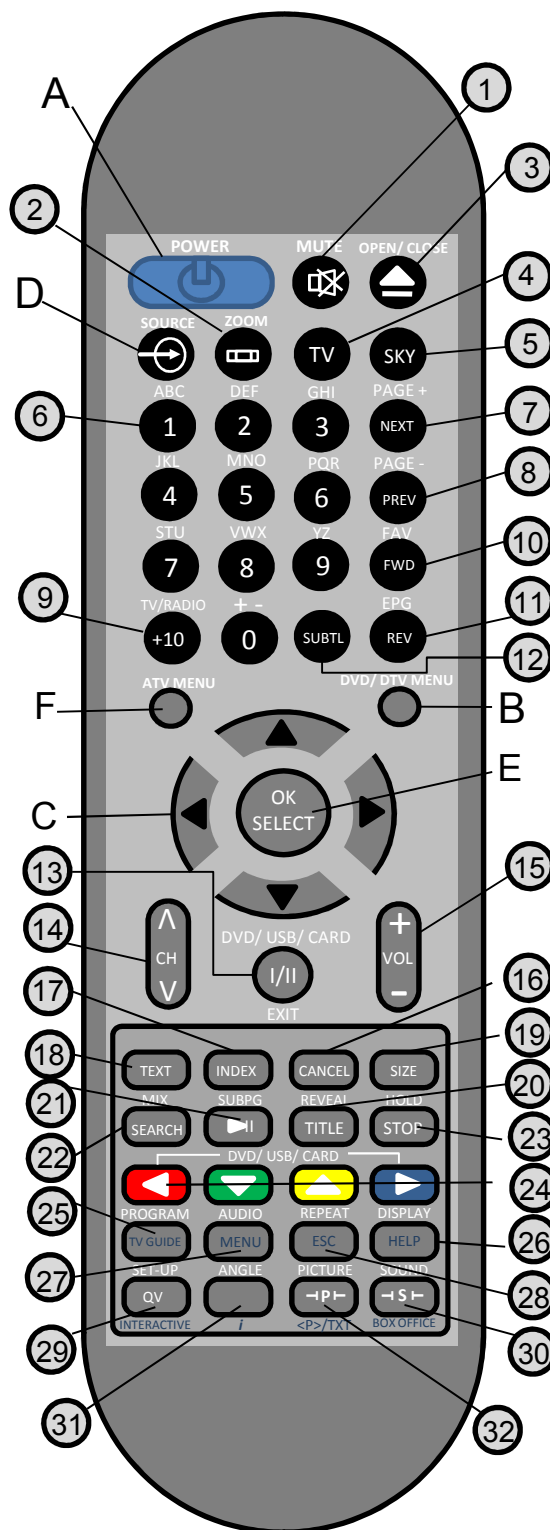
## 4. Operating Controls and Connections

### Remote Control Unit

The information on this page will help you to identify remote control function keys. Keys A – F highlight the important keys used for tuning and Menu selection and is referenced further in the user's manual as a guide.

- A. **POWER:** To switch the TV onto standby or power on
- B. **DTV MENU:** To display the Digital TV Menu
- C. **ARROW KEYS:** Used to navigate the menu's
- D. **SOURCE:** To display TV input source menu.
- E. **OK/ SELECT:** Used to confirm menu selection
- F. **ATV MENU:** To display the TV settings menu (+ Analogue tuning)

1. **MUTE:** To disable or enable sound
2. **ZOOM:** Selects between 4:3 – 16:9 aspect ratio viewing options
3. **OPEN/ CLOSE:** Ejects/ Loads disc in DVD player
4. **TV:** Press this to have the remote operate the TV
5. **SKY:** Press this to have the remote operate a SKY box – all blue key functions become active and normal TV operation is disabled. Please note that this feature will only work with certain SKY box models. (not Sky+ or HD)
6. **NUMBER KEYS:** 0 – 9 For direct access to channel selection. For a 2/3 digit channel number press the 2<sup>nd</sup> / 3<sup>rd</sup> digit without hesitation.
7. **NEXT/ PAGE +:** Go to next chapter/ track for DVD/ CD. Press to go to next EPG page (DTV)
8. **PREV/ PAGE -:** Go to previous chapter/ track for DVD/ CD. Press to go to previous EPG page (DTV)
9. **TV/ RADIO:** Switches the TV between current TV channel and the current radio channel (DTV)
10. **FWD/ FAV:** Fast Forward Disc/ Selects Favourite List in DTV.
11. **REV/ EPG:** Rewind Disc/ Electronic Programme Guide – In DTV mode - displays TV schedule showing you what's on.
12. **SUBTL:** In DTV mode used to turn subtitles on/ off and toggle through subtitle language options in DVD mode (if available).
13. **I/II – DVD/USB/CARD – EXIT:** Multifunction – changes audio modes in ATV and DTV, Switches between DVD, USB and SD Card in DVD mode and EXIT from menu systems.
14. **CH +/-:** To view the next or previous TV channel.
15. **VOL +/-:** To adjust sound level
16. **CANCEL:** Text option, used to temporarily display TV picture until text page refreshes – gives notification on screen.
17. **INDEX:** Use to go to text a – z index page.
18. **TEXT:** Used to enter "Teletext" mode (Analogue and DTV)
19. **SIZE:** Used to increase text size in teletext mode – press to display top half of text screen enlarged, press again to display bottom half and press again to display normal.
20. **TITLE/ REVEAL:** Press in DVD mode to go back to the TITLE menu of disc playing/ Use to display/ hide information on certain text pages – quiz game solutions etc in Text mode.
21. **PLAY/ PAUSE:** Play/ pause (CD, DVD etc) – also select in DVD menu.
22. **SEARCH/ MIX:** Access DVD Search Menu in DVD mode/ Mix TV picture and text as an overlay in ATV text mode.
23. **STOP/ HOLD:** Stop Disc playback in DVD mode/ Hold page in teletext mode until pressed again (on/ off)
24. **COLOUR KEYS:** Used to navigate DVD menu's in DVD mode and access Fasttext options in ATV text mode.
25. **PROGRAM:** Access disc program menu.
26. **DISPLAY:** Use to display TV and source information on screen
27. **AUDIO:** Select Audio Track in DVD mode/ Multi lingual broadcasts
28. **REPEAT:** Repeat – Chapter/ Track/ All – in DVD mode.
29. **QV:** Selects the previously viewed channel
30. **SOUND:** Recall default sound settings.
31. **ANGLE:** Access multi angle viewing modes in DVD mode (when available on playback disc)
32. **PICTURE:** Recall default picture settings

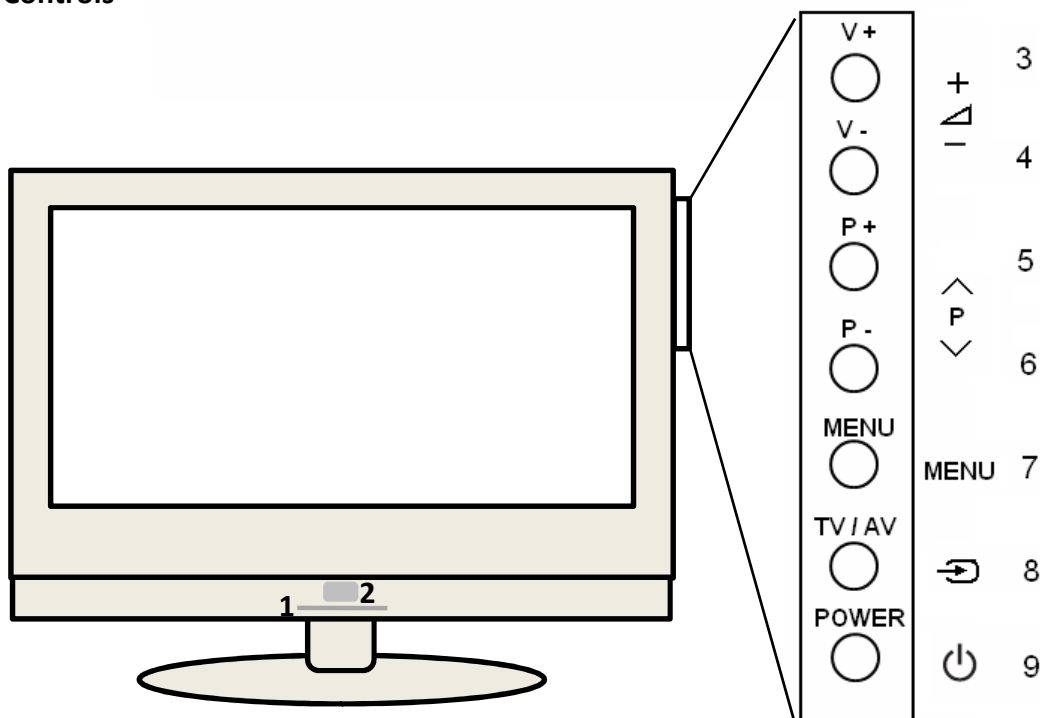


For illustration purposes only – some functions apply to this brand of VCR and DVD players only and as such are not explained here.

# Operating Controls and Connections

## Operating Controls/ Names and Functions

### Front (Right Side) Controls



1. LED INDICATOR  
the light is blue when the power is on and red when TV is in stand-by mode.
2. REMOTE CONTROL SENSOR  
aim the remote control at this spot on the TV
3. VOLUME UP  
increase the volume
4. VOLUME DOWN  
decrease the volume
5. CHANNEL UP (CH+)  
access next TV channel
6. CHANNEL DOWN (CH-)  
access previous TV channel
7. MENU  
press to display On Screen Menu of the TV's features and settings
8. SOURCE  
press to display on screen menu of TV's input sources - enables you to select from – TV, SCART, S VIDEO, Component, VGA, HDMI, DTV
9. STAND-BY  
press to switch the TV stand-by on/off

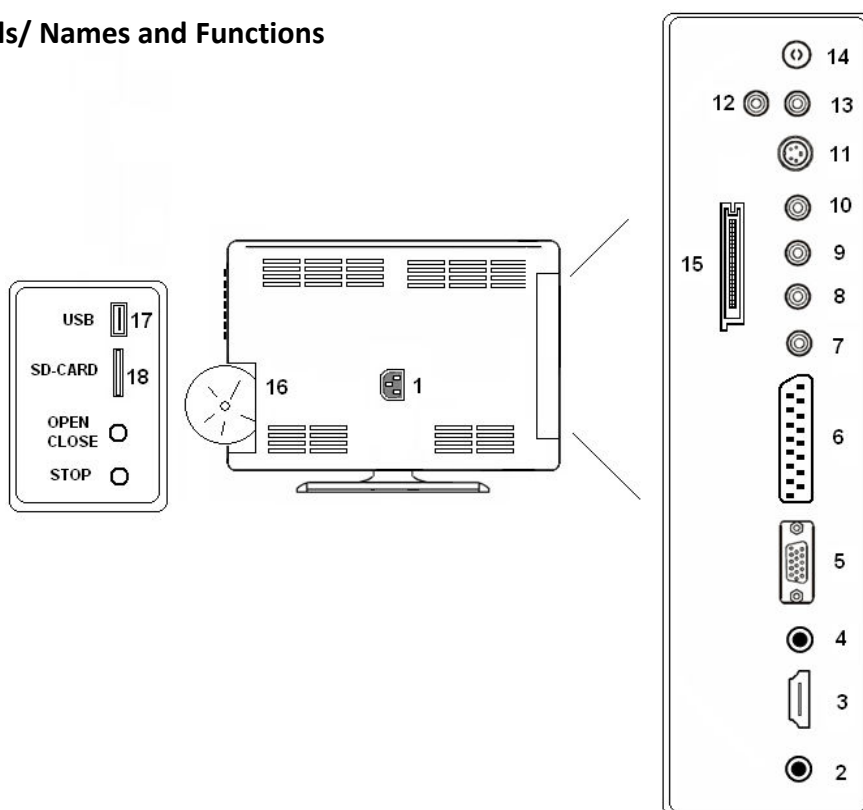
*(These figures are just for reference.)*



# Operating Controls and Connections

## Operating Controls/ Names and Functions

### Rear Connections



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. AC Power Cord Socket</li> <li>2. Headphone</li> <li>3. HDMI Socket</li> <li>4. VGA Audio In</li> <li>5. VGA In</li> <li>6. SCART Socket</li> <li>7. Video In (Composite)</li> <li>8. Component Pr/Cr Input</li> <li>9. Component Pb/Cb Input</li> </ul> | <ul style="list-style-type: none"> <li>10. Component Y Input</li> <li>11. S-Video In</li> <li>12. AUDIO IN (For Video/ S Video) – LEFT (White)</li> <li>13. AUDIO IN (For Video/ S Video) - RIGHT (Red)</li> <li>14. Antenna Input Terminal</li> <li>15. C I Slot (Common Interface)</li> <li>16. DVD/ CD Drive</li> <li>17. USB Port</li> <li>18. SD Card/ MMC Slot</li> </ul> |
|---|---|

*(These figures are just for reference.)*

### Connections – where external products would typically connect

(o = can be connected)

	VCR	Set Top Box	DVD Player	DVD Recorder	Blu Ray	SKY HD	Digital Camera	Video Camera	Games Console	PC
SCART 1 (RGB)	o	o	o	o				o	o	
COMPONENT IN			o	o	o				o	
VIDEO IN	o						o	o	o	
S-VIDEO IN			o	o			o	o	o	
VGA IN									o	o
HDMI 1			o	o	o	o		o	o	

# 5. Basic Connection and Switching the TV On

## Basic TV Connection and Switching On/ Off

1. Connect your aerial lead into the ANT IN socket on the rear of the TV – see fig 2.
2. Connect the mains lead (supplied) into the TV and plug into an appropriate household socket. Use AC 100 ~ 240V power outlet for the TV power supply. The apparatus must be connected to a mains outlet with a protected earthing connection - see fig 2.
3. The red standby light on the front of the TV will illuminate. - see fig 3.
4. Point the remote control at the front of the TV set and press the POWER key (A) fig 1. – the blue power light illuminates on the front of the TV – (replacing the red standby light) and the unit switches on. You can also press the standby key on the side of the TV to turn on the unit from standby – see fig 3.

### KEY CONTROLS

- A – POWER KEY
- B – DTV MENU
- C – ARROW KEYS
- D – SOURCE KEY
- E – OK KEY

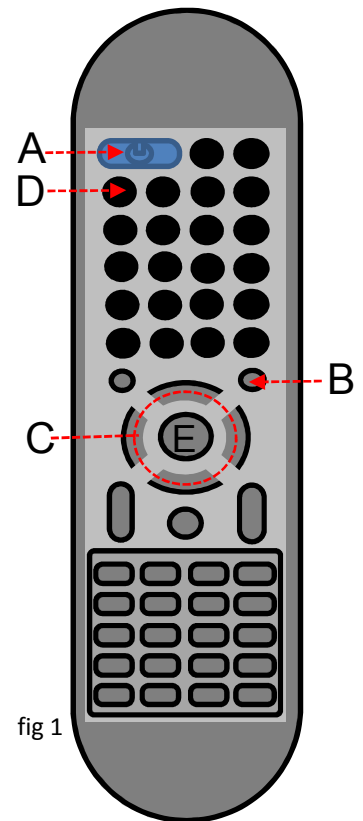


fig 1

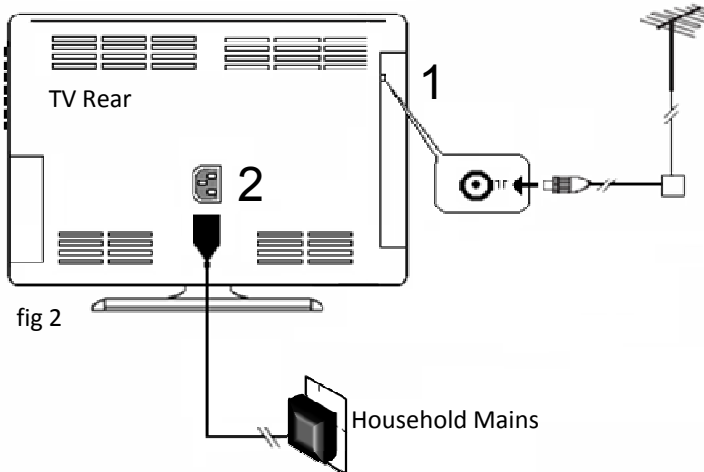


fig 2

Place the TV close to the AC outlet, and keep the power plug within reach.

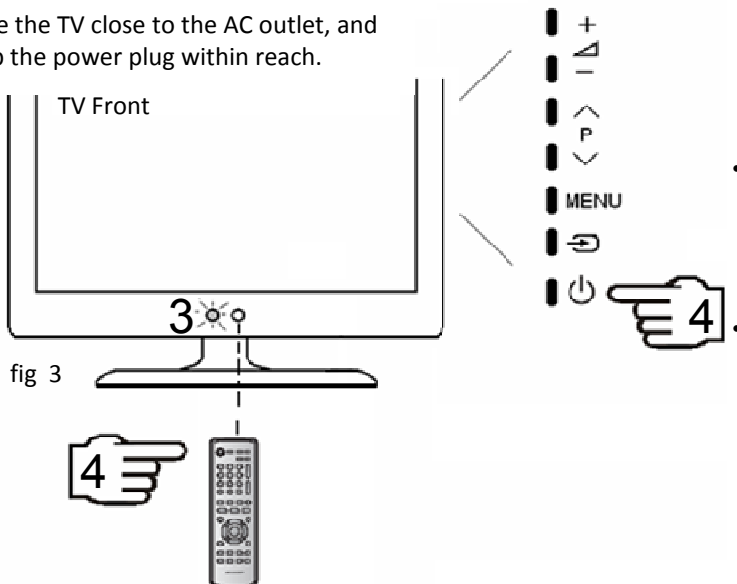


fig 3

### Standby Mode

Your TV can be placed into standby mode in order to reduce power consumption – this is useful when you wish to interrupt viewing temporarily.

- Press the POWER key (A) on the remote control or the standby key on the TV set.
- The screen is turned off and a red standby indicator light replaces the blue power light on the front of the TV.
- To switch the TV back on, simply press the POWER key (A) on the remote control or Standby on the TV set.

- **Once in Standby - to fully switch off the TV remove the AC plug from the power outlet** – when the TV is not in use for a prolonged period of time and before going to bed.

- Ensure that the mains plug is easily accessible at all times. The power control on this model does not fully disconnect the TV from the mains supply – unplug to fully switch off. Do not leave on standby or switched on when you leave the house!

# 6.

# Digital Tuning: First Installation

## First Installation

**Remote Control Unit:** Ensure that the remote control is in TV mode – press the TV key (G - fig 1) – the remote will now operate the TV..

With the TV connected and switched on as described previously follow the steps below to tune into Digital TV broadcasts.

### DIGITAL TV TUNING

When the TV is switched on for the first time it may default to Analogue Tuner Mode (Standard TV) – To start Digital Tuning you must switch the TV into DTV Mode.

1. Press the SOURCE key (D) on the remote control – the source input menu appears on screen (fig 2) – this will only remain on screen for a few seconds for you to select your option – if the menu disappears simply press the SOURCE key again to display.
2. Use the down ▾ ARROW key (C) on the remote to highlight the DTV option. Once highlighted press the OK key (E)
3. An onscreen message – “DTV Initial...” Appears followed by a Welcome message – after a few moments the “First Installation” screen (fig 3) appears.
4. As per the on screen display - ensure your aerial is connected to the TV – The country option should default as “United Kingdom”– otherwise use the right ► ARROW key (C) to select “United Kingdom”
5. Press OK (E) – The TV will now auto-tune displaying a progress bar and listing channels as they are found (fig 4) – this will take a few moments to complete. Once finished an “installation completed” message will be displayed (fig 5).
6. After a few moments the TV will display a TV picture (BBC1 usually) – and is ready to use – all done.
7. *If the TV channels appear in an unusual order, or you have TV channels missing, please perform a factory reset on the TV and follow steps 3 – 6 again – for instructions on how to do this please see the trouble shooting section on the next page.*

### KEY CONTROLS

- A – POWER KEY
- B – DTV MENU
- C – ARROW KEYS
- D – SOURCE KEY
- E – OK KEY
- F – ATV MENU
- G – TV KEY

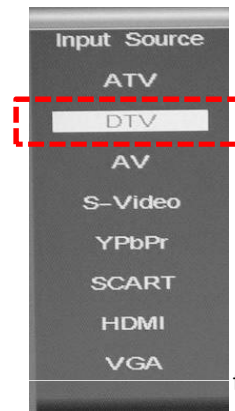
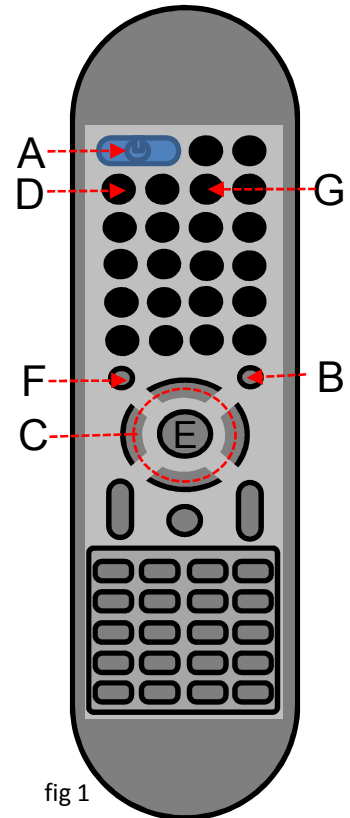


fig 2

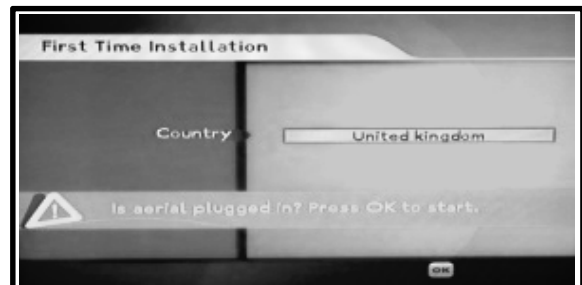


fig 3



fig 4



fig 5

# Digital Tuning - Troubleshooting




## Digital TV Tuning Issues

### TV Stations Stored in an Incorrect Program Position

If after initial DTV Tuning is complete, channels are stored in an unusual or incorrect order (e.g. BBC1 on program 7), or certain channels seem to be missing from the usual free to air line up - you may need to initiate first installation again.

To do this you will need to perform a Factory Reset on the DTV Tuner memory. All DTV Tuner data will be erased (doesn't affect analogue tuning memory) and you will be prompted to start the "First Installation" process for a second time. This should resolve the problem. Follow the instructions below.

### Factory Reset the DTV Tuner

1. The TV should already be in DTV mode – if it is skip to step 4. If not follow the next steps and continue.
2. Press the SOURCE key (D) on the remote control – the source input menu appears on screen (fig 2) – this will only remain on screen for a few seconds for you to select your option – if the menu disappears simply press the SOURCE key again to display.
3. Use the down  ARROW key (C) on the remote to highlight the DTV option. Once highlighted press the OK key (E)
4. You are now in DTV Tuner mode. Press the DTV Menu key (B) the DTV menu will be displayed with a list of options see fig 3.
5. Use the down  ARROW key (C) to highlight "Configuration" and press the OK key (E)
6. On the following menu use the down  ARROW key (C) to highlight "System Parameters" and press the OK key (E).
7. On the following menu use the ARROW keys (C) to select "Factory Settings" and press OK (E) see fig 4.
8. You will be asked to confirm the operation – press the OK key (E) see fig 5 - this will delete all current DTV Tuner settings and re initialise the TV which will automatically go into "First Installation" auto tuning mode after a few moments.
9. Please select "United Kingdom" with the OK key (E) and the TV will start tuning all digital TV stations and should put them in the correct/ usual order. If you are still having problems call our service number below.

### KEY CONTROLS

- A – POWER KEY
- B – DTV MENU
- C – ARROW KEYS
- D – SOURCE KEY
- E – OK KEY

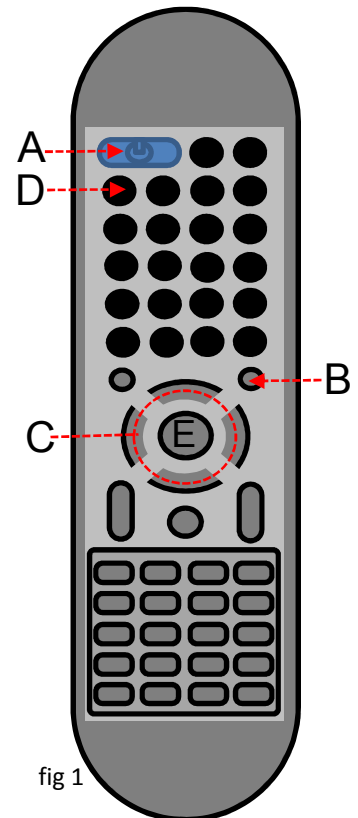


fig 1

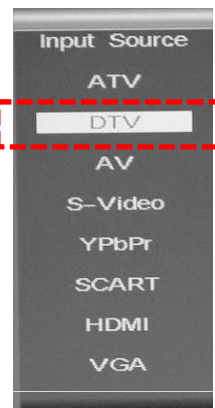


fig 2

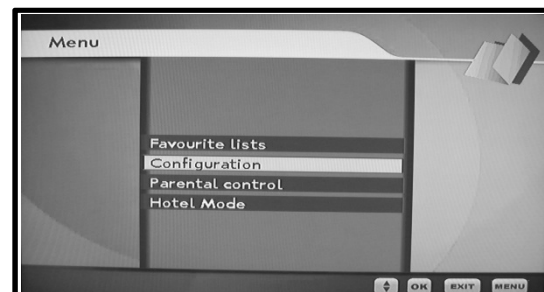


fig 3

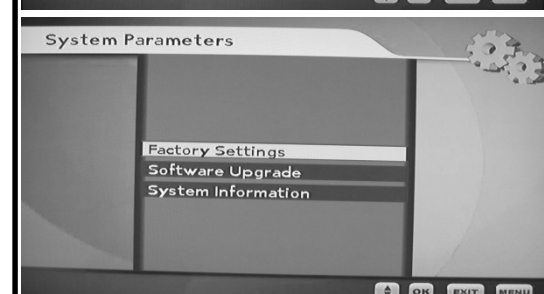


fig 4

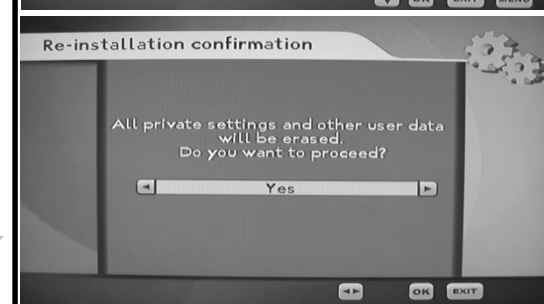


fig 5

# Analogue TV Tuning: First Installation

## First Installation

**Remote Control Unit:** Ensure that the remote control is in TV mode – press the TV key (G - fig 1) – the remote will now operate the TV.

With the TV connected and switched on as described previously, follow the steps below to tune your TV into standard terrestrial TV broadcasts.

### ANALOGUE (STANDARD) TV TUNING

When the TV is switched on for the first time it may default to Analogue Tuner Mode (Standard TV) – if not, to start Analogue Tuning you must switch the TV into ATV Mode.

1. Press the SOURCE key (D) on the remote control – the source input menu appears on screen (fig 2) – this will only remain on screen for a few seconds for you to select your option – if the menu disappears simply press the SOURCE key again to display.

2. Use the up/ down  $\triangle$   $\nabla$  ARROW keys (C) on the remote to highlight the ATV option. Once highlighted press the OK key (E) The TV will switch into analogue tuner mode.

3. Press the ATV MENU key (F) to display the TV main menu. The menu will default to the “Picture” menu – see fig 3 - Use the down  $\nabla$  ARROW key (C) to highlight the “Tune” menu – fig 4. Press OK (E) to access this menu.

4. Press the down  $\nabla$  ARROW key (C) to highlight the “Country” option.

5. Use the left/ right  $\triangleleft$   $\triangleright$  ARROW keys (C) to cycle through the country options until “United Kingdom” is selected.

6. Press the down  $\nabla$  ARROW key (C) to highlight “Auto Install” and press OK (E) to begin tuning.

7. An “Auto Install” banner will appear on the screen - see fig 5 displaying a progress bar. All available tuner frequencies will be searched and any channels found, stored automatically to the tuner’s memory. This process will take a few minutes to complete. When finished the “Auto Install” banner will disappear and the TV will display a normal TV picture (usually BBC 1). The TV is now ready to display all available analogue TV broadcasts.

8. Provided the broadcast signal is strong enough, the TV will store channels in the correct order. *If the signal is weak channels may be stored in the wrong program position. If this is the case follow the instructions on the next page.*

### KEY CONTROLS

- A – POWER KEY
- B – DTV MENU
- C – ARROW KEYS
- D – SOURCE KEY
- E – OK KEY
- F – ATV MENU
- G – TV KEY

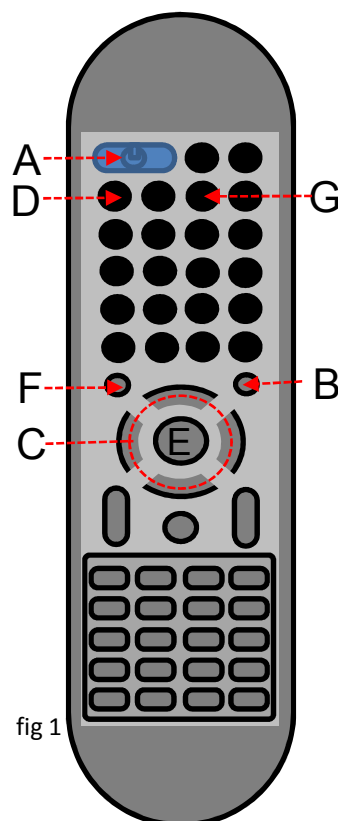


fig 1

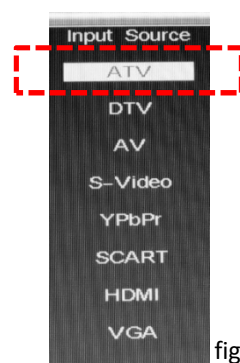


fig 2

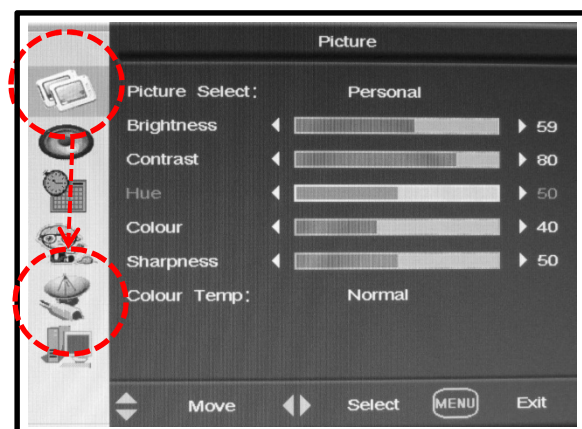


fig 3

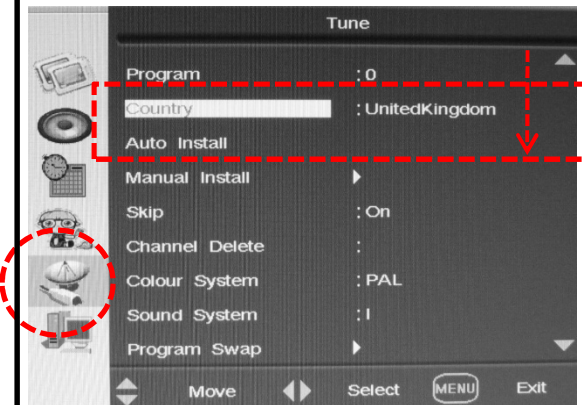


fig 4



fig 5








# Analogue TV Tuning: First Installation

## First Installation

### ANALOGUE (STANDARD) TV CHANNEL SORTING

If, after auto tuning, the TV Channels received are stored in an incorrect order you will need to manually sort them into the correct program position. Please follow the steps below.

You should already be in the ATV Tuner mode – following on from the previous page.

1. Press the ATV MENU key (F), the ATV Menu appears on screen displaying the "Picture" menu.
2. Use the down  ARROW key (C) to highlight the "Tune" menu icon – see fig 2 and press OK (E) to access this menu.
3. Press the down  ARROW key (C) repeatedly to highlight the "Program Swap" option and press the right ARROW  key (C) to access.
4. The "Program Swap" menu appears – see fig 3. Use the ARROW keys (C) to highlight "Swap From" and press OK (E) – Use the up/ down  ARROW keys to select the channel you wish to move and press OK (E) – as an example BBC1 is stored on Program 4 – fig 3.
5. Use the down  ARROW key (C) to highlight "Swap To" and press OK (E). Use the up/ down ARROW keys (C)  to select the program position you wish to store the channel you are moving – in our example we want BBC1 to be stored on Prog 1 – fig 3.
6. Press OK (E) and use the down  ARROW key to highlight "Perform Swap" – Press OK (E) to confirm and complete the operation.
7. *In our example BBC1 is stored on program position 4. By selecting 4 as "Swap From" and selecting 1 as "Swap To" we have sorted BBC1 into the correct position.*
8. Copy steps 4 – 6 for all other channels you wish to move. When finished Press the ATV MENU key (F) a couple of times to exit from the menu.
9. You have now successfully sorted all of the channels stored in your preferred order.
10. Below the "Program Swap" option on the "Tune" menu – (off screen keep on pressing the down ARROW key (C)) is the "Channel Name" submenu.
11. Simply highlight this option and use the ARROW keys (C) to input the name of the channel – see fig 4. The up/ down ARROW keys (C) selects the letter and the right/ left ARROW keys (C) select the position.

### KEY CONTROLS

- A – POWER KEY
- B – DTV MENU
- C – ARROW KEYS
- D – SOURCE KEY
- E – OK KEY
- F – ATV MENU
- G – TV KEY

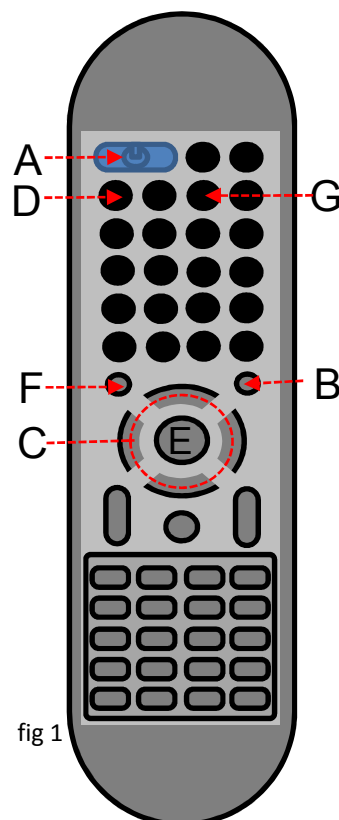


fig 1

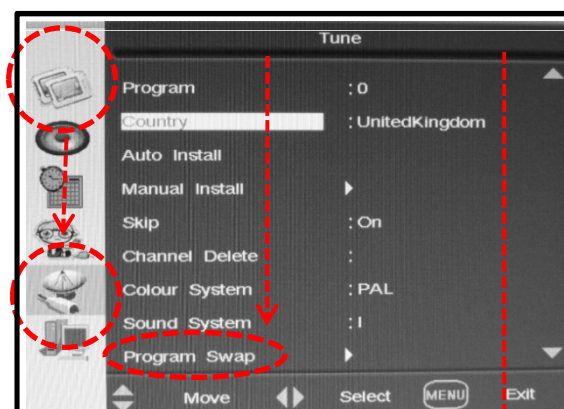


fig 2

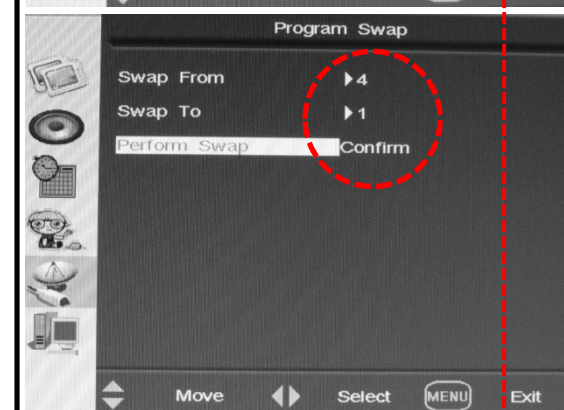


fig 3

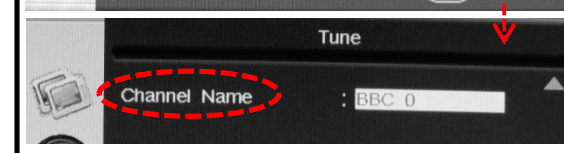


fig 4

# 7.

## General Troubleshooting

Before you call the service agent, please check the following points.

Please bear in mind that malfunctions can also be caused by external influences or equipment.

PROBLEM	POSSIBLE CAUSES/ RESOLVE
No picture, no sound.	Mains adapter not plugged in to mains socket or back of TV ? Is the standby light on? Is the aerial connected ? Is the TV switched on ? Is it in standby (red light) ?  Is the TV input source on an AV input ? - Select DTV or TV from the input source menu If on an AV source check the HDMI/ SCART connection etc - is firmly in place on the external device and in the socket on the TV .
Picture, but no sound.	Volume is set to minimum or mute. Incorrect sound system setting on ATV search menu (should be I - country "UK") Ensure that sound level has not been limited in the Hotel Mode option in ATV menu
No TV picture.	TV is switched to AV Antenna has not been plugged into the TV TV is not installed correctly - recheck connections/ install instructions
Picture has pale colours, is too dark or is blurred.	Set colour, brightness and contrast on ATV video menu
There is no colour on all channels.	Ensure colour is turned up on the ATV video menu screen Antenna cable does not contact adequately Antenna cable is damaged or broken Aerial system is faulty
Bad picture on standard TV with interference.	Interference caused by outside source – other electronic equipment/ fluorescent lights microwave oven/ hairdryer, or car/ motorcycle Aerial system is faulty TV situated in poor reception area Try fine tuning individual channels
Interference or blocky disappearing images on DTV channels.	Antenna cable does not contact adequately to TV ANT in socket Antenna cable is damaged or broken Aerial system is faulty TV situated in poor reception area
Teletext missing or corrupted/ faulty.	TV station does not transmit teletext Weak broadcasting signal Receiving broadcast in a poor reception area Aerial system is faulty
Remote control does not work.	Check that the remote is in TV mode and not Sky mode by pressing the blue TV button TV is not switched on The remote batteries are flat or inserted incorrectly - remove batteries and re insert correctly. Bright external light is falling on the TV remote sensor or remote control signals Obstacles between the remote control and the TV remote sensor can affect data transmission Switch off the TV by disconnecting from the mains. Wait 10 seconds and try again.
TV does not respond to commands or images unstable.	Switch off the TV by disconnecting from the mains. Wait 10 seconds and try again.
DTV tuning - channels ordered incorrectly.	Go into DTV menu and perform factory reset - auto tune will start automatically once reset is complete and order channels correctly on the second attempt.
DTV - some digital TV channels missing from the expected available list.	Poor reception of signal caused by any of the following Antenna cable does not contact adequately to ANT in on TV Antenna cable is damaged or broken Aerial system is faulty TV situated in poor reception area - low signal level
HD images are displayed but the visual quality is not good.	Check that the HDMI/ VGA or Component input connecting the device is connected properly and secure Check that the particular connecting cable is not faulty (try another if possible) Check that the device's output is set to HD and that HD is enabled. Ensure the media is HD standard

## 8.

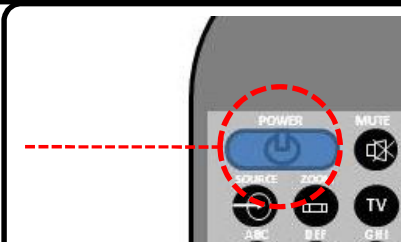
# Using your Television

### Controls Applicable for Digital and Analogue TV Viewing

This section details how to operate your TV set now it is installed and tuned in. The first section highlights the key controls applicable to both Digital TV and Analogue TV viewing.

#### ON/ OFF STANDBY

Turn on the TV as previously explained using the POWER key on the remote control or the Standby key on the side of the TV unit – these are also used to switch the TV back into standby mode



#### CHANGING CHANNELS

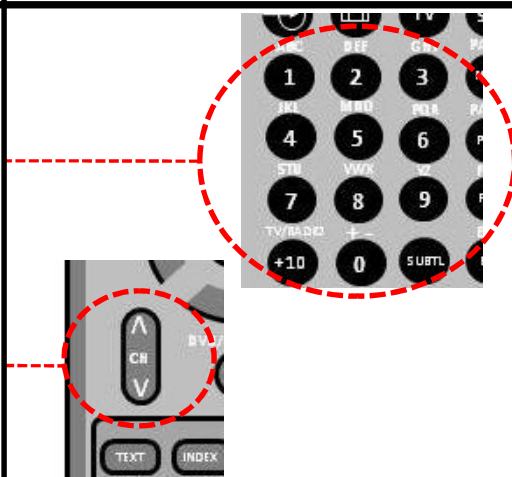
There are several ways to change the TV channel.

##### You can use direct digit number selection keys 0 – 9

Select programs 0 – 199 directly by using direct digit keys  
To select single digit program number press desired digit - 1, 2, 3 etc – after a few moments the channel will appear.

To select 2 digit or 3 digit program number e.g. 83 or 132 press 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> digit within 2 seconds.

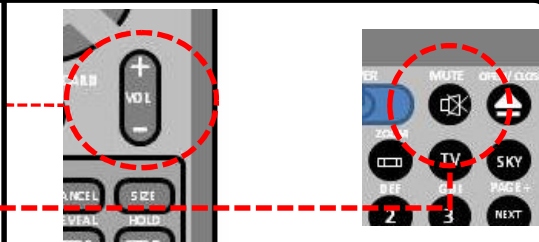
You can also use the CH+ and CH- keys to select the next/previous TV channel available in a stepped sequence.



#### VOLUME CONTROL & MUTE

Increase/ decrease sound level with VOL + and VOL – keys – On Screen Display shows visual representation.

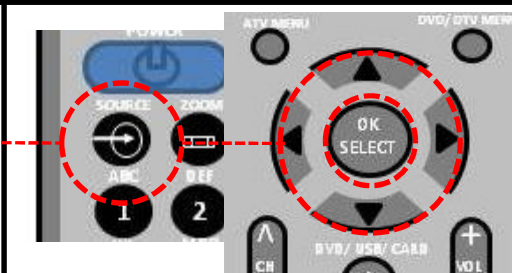
Use MUTE to cut off the sound – useful if the phone rings . To turn the sound on press the MUTE key again (On/ Off)



#### SOURCE SELECTION (TV, DTV, AV, PC)

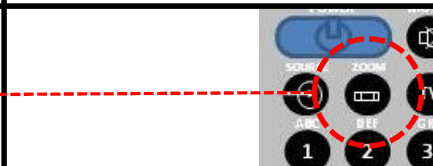
Use to change the input source of the TV – from “Digital Tuner” mode to “Analogue Tuner” mode and to view connected devices – via SCART, HDMI etc – DVD Player, Camcorder etc.

Menu driven; use the SOURCE key to open “Input Source” menu then use ARROW keys up and down to navigate to desired source selection – press OK to confirm selection – source will be displayed. **TV is ANALOGUE tuner mode. DTV is Digital TV mode.**



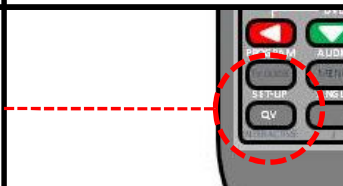
#### ZOOM

Use to change the aspect ratio of the screen 4:3, 16:9, Full and Original/ Native Modes available (depending on broadcast)  
Each press of the key will cycle through the alternative options.



#### QUICK VIEW (PREVIOUS CHANNEL)

Pressing this key will change the TV channel to the station viewed previously – very handy when switching between two particular TV programs you want to keep an eye on.



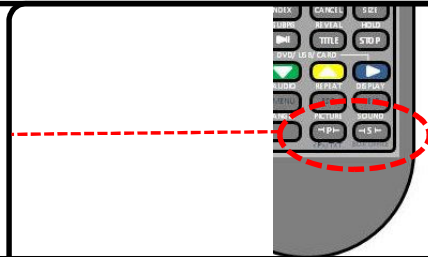


# Using your Television

## PICTURE/ SOUND RECALL

Press the "Picture" key to reset picture colour/ contrast/ brightness levels etc to previous settings.

Press the "Sound" key to reset audio – treble/ bass/ balance levels etc to previous settings .



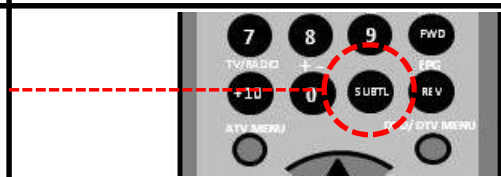
## DISPLAY

Calls up "on screen" information of TV status - display source, program/ channel, and programme information etc. To turn off OSD press the DISPLAY key again or await timeout.



## SUBTL

Press the SUBTL key to enable or disable subtitles. Please note that subtitles are only available on certain programmes/ channels and coverage is dependent on the broadcaster.



## TV AND SKY REMOTE CONTROL

Press the TV key to use the remote unit to function with the TV. This is "Normal Operation" mode! - If the remote does not seem to be operating the TV – press this button and retry.

Press the SKY key to use the remote unit to function with compatible set top system's or sky receivers. Compatibility is limited to certain models sold in the EU – (not digital/plus or HD) All TV functions are disabled in this mode –**press TV to enable**.



## AUDIO LANG

If the current channel you are viewing has several audio tracks, or multilingual options the AUDIO LANG key allows you to choose between those audio tracks/ languages available.

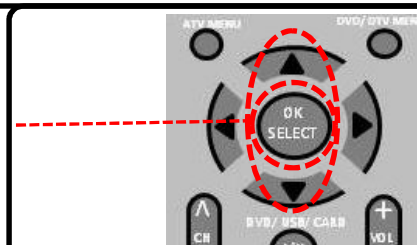


## Controls Applicable for Digital TV Viewing Only

The following features are applicable when you are in the DTV Tuner mode only.

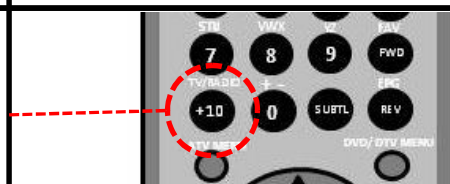
## CHANNEL LIST

As well as being able to use the CH+ / CH- and direct number access you can change channel by selecting from a channel list accessed via the OK key when in DTV Tuner Mode. Press OK – a channel list appears on screen - use the ARROW keys up and down to select a channel from the list on screen and press OK to access that channel.



## TV RADIO KEY

When pressed, this key alternates between the last TV channel viewed and the stored radio channels available on Digital Broadcasting. The key will always switch to the previous radio or TV channel used.



# Using your Television

## EPG (ELECTRONIC PROGRAMME GUIDE) – DTV Only!

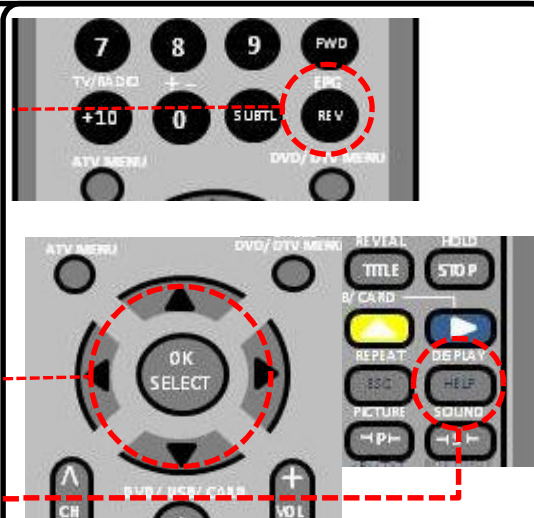
Press this button to access the Electronic Programme Guide. An “On Screen Display” appears detailing the programme schedule listings for the remainder of that day.

Use the left/ right ARROW keys to select a different day – the EPG system stores 8 days worth of information for each channel.

Use the up/ down ARROW keys to scroll through the days listings – as a programme is highlighted information about it will be displayed. Press the DISPLAY key for more information.

PAGE +/ PAGE – access next/ previous channel listings.

Press EPG to return to normal viewing.

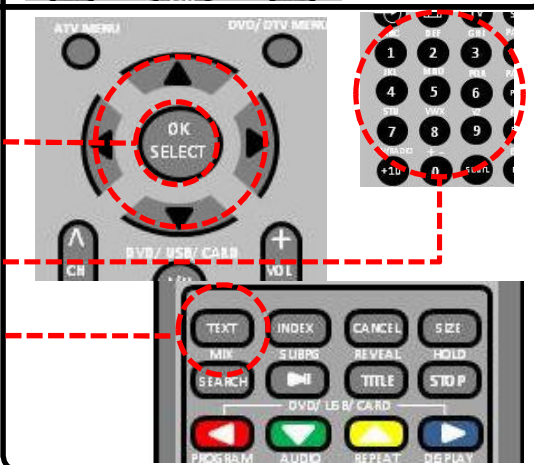


## DIGITAL TELETEXT

Some digital broadcasting channels offer a digital text service. To access digital text where available you may be prompted to press the red FASTEXT key otherwise, press the TEXT key.

You can either use the ARROW keys to select subjects from a menu pressing the OK key to confirm, or key in a page number (if known) to directly access – e.g. page 300 - type 3,0,0 .

After a short period the requested page will be displayed. Follow the on screen prompts to navigate through each service available. Press Text again to exit Digital Teletext.



## Controls Applicable for Analogue TV Viewing Only

The following features are applicable when you are in the Analogue Tuner mode only.

### TELETEXT/ FASTEXT

Press TEXT to operate TELETEXT services

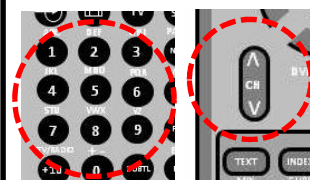
You can access pages of information in multiple ways.

Use 0 – 9 Keys for direct selection of 3 digit page number as per the text index – e.g. for page 301 key in 3,0,1

Use colour FASTEXT keys - press the colour button corresponding to the item you wish to view – e.g. If “Headlines” is displayed in red – press the red FASTEXT key to display that item.

Use either CH+/ CH- keys or ARROW keys up/ down to go to the next/ previous page number.

- |        |  |
|--------|--|
| INDEX  | press to access main TEXT index service  |
| CANCEL | display TV picture with notification of updates  |
| SIZE   | display top/ bottom and full page – enlarge text   |
| MIX    | text overlay on TV picture – press again to normalise  |
| SUBPG  | (not applicable on this model)   |
| REVEAL | display hidden text – used for text quiz/ games  |
| HOLD   | current page is held on screen giving you time to read the page/ advertisement etc press again to release. |



# 9.

# DVD Operation

## Basic DVD Player Operation

This section explains how to operate the integrated DVD player. As well as DVD format playback, the drive will also play a variety of other disc based media. Please read the following safety and operational instructions for further information.

This section also introduces the MMC/ SD card reader operation and the uses/ operation for the USB Connection.

**CLASS 1 LASER  
PRODUCT**

The DVD video player is a class 1 laser product. Use of controls or adjustments or performance of procedures other than those specified herein, may result in hazardous radiation exposure.

As the laser beam used in this DVD video player is harmful to the eyes, do not attempt to disassemble the Cabinet. Refer servicing to qualified personnel only.

## Disc Formats Supported by this Player

The Disc unit will playback the following disc based media formats.

DVD – Video, DVD – R/RW, Audio CD, CD-R, Jpeg Image files(CD), MP3(CD)

DivX – DivX/ ISO MPEG 4 ( “.avi”, “.mpg”, “.mpeg” DivX files playable)

DivX – Playable codec formats: DivX3.xx, DivX4.xx, DivX5.xx, DivX6.0, DivX6.2.5

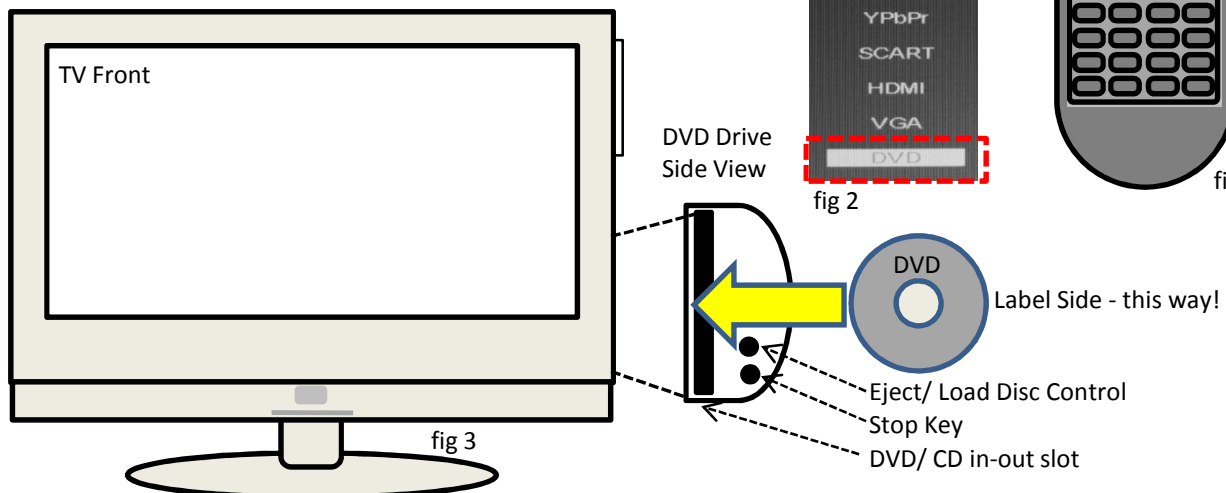
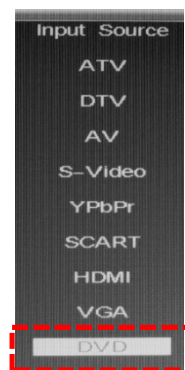
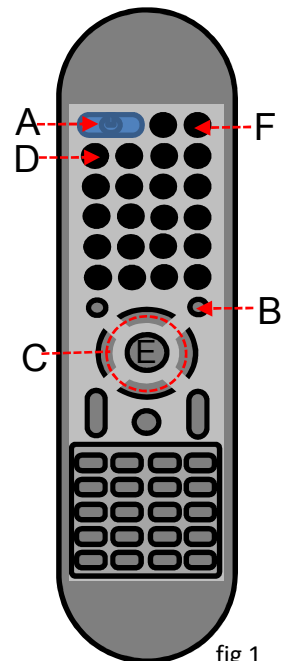
## Loading a DVD Disc

With the TV switched on, as previously explained, follow the instructions below to switch to DVD playback source and load a DVD.

1. Press the SOURCE key (D) on the remote to open the Input Source menu – see fig 1
2. Use the up/ down ARROW keys (C) to highlight “DVD” option – see fig 2.
3. Press OK (E) to change the TV from current source to DVD
4. Carefully insert the DVD (or other format) disc into the DVD/ CD in - out slot on the right hand side of the TV – with the label side of the disc facing you – see fig 3.
5. The mechanism will pull the DVD into the drive.
6. To EJECT the disc press the OPEN/ CLOSE key (F)

### KEY CONTROLS

- A – POWER KEY
- B – DTV MENU
- C – ARROW KEYS
- D – SOURCE KEY
- E – OK KEY
- F – OPEN CLOSE




# DVD Operation

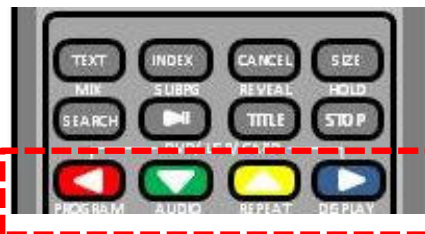
## Basic Playback Controls

Once the DVD disc is loaded the title's main menu will be displayed on screen. The following instructions explain how to operate the basic playback features.

### Menu Navigation

Use the following controls to navigate Disc menu systems.

1. Use coloured arrow keys to highlight a selection on screen
2. Press the  PLAY/ PAUSE key to confirm the selection.



### PLAY/ PAUSE

To play a Disc press the  PLAY/ PAUSE key.

Press again to pause playback - a still image will be displayed on screen . To resume playback press the PLAY/ PAUSE key .



### NEXT/ PREV (Chapter Skip)

Use these keys to skip to next/ previous Chapter (Track on CD or File in jpeg CD)



### FWD/ REV (Fast Forward/ Rewind)

Visual search system – Forward and Reverse speeds increase with each press of the direction key by 2x, 4x, 8x, 16x, 32x normal playback speed



### STOP

Used to stop disc playback.

### TITLE

Press this to go to the DVD/ disc Title Menu (The first screen you see after loading a DVD/ disc)



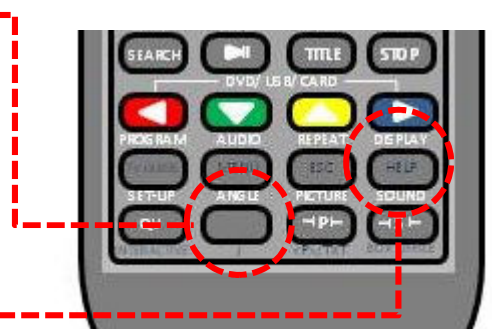
### DVD/ DTV MENU

Press this to go to the DVD/ disc root menu. This is usually the menu with play, scene selection, bonus features options.



### ANGLE

Use this key to access DVD angle options if available. Multi Angle is a feature on some DVD discs allowing you to view footage from various positions – popular on live music DVD's. Use in conjunction with coloured arrow keys and PLAY/ Pause.



### DISPLAY

Brings up title/ track/ chapter time information. Each press cycles through the following settings.

1. Press – Title Time Elapsed
2. Press – Title Time Remain
3. Press – Chapter Time Elapsed
4. Press – Chapter Time Remain
5. Press – Display Off

## DVD Operation

### **SUBTL**

Each press cycles through available DVD subtitle options. An on screen display tells you the number of subtitle languages available and which of them you currently have selected.

### **AUDIO**

Each pres of this key cycles through available DVD soundtrack options on the disc including multilingual and multichannel Options – as well as commentary audio channels.

### **REPEAT**

Press to cycle through repeat playback options.

Repeat Chapter/ Repeat Title/ Repeat All/ Off

This allows you to repeatedly playback chapter/ title or disc

### **SEARCH**

Calls up the search menu. Find a position on the disc by Title/ Chapter/ Time. Use coloured arrow keys to select parameter and the number keys to input search data.

Use the +10 key for double digit entry.

Also allows you to select the following parameters from a list.

Audio Languages Available

Subtitle Languages Available

Angle Options Available

Use Coloured Arrow keys to select and PLAY/ PAUSE to confirm.

### **PROGRAM**

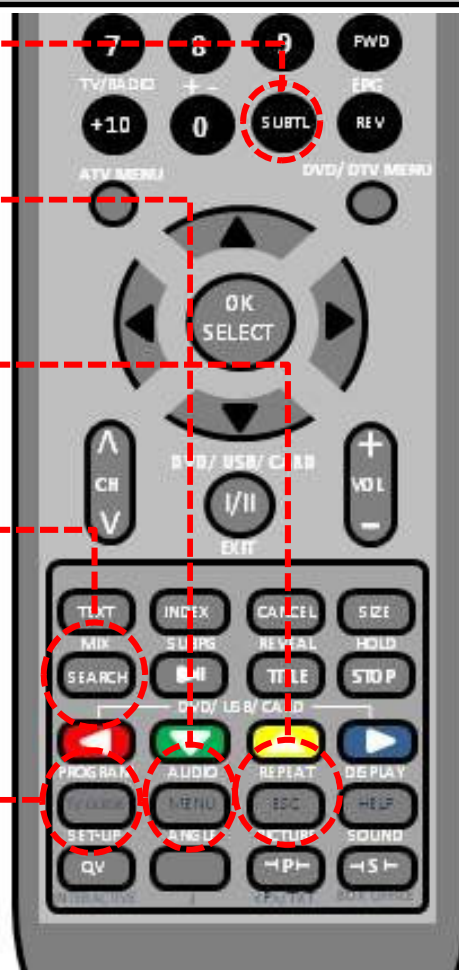
Allows you to program a 20 event play list.

Enter TRACK/ CHAPTER information for each event.

NEXT - go to page 2 (events 11-20),

START - Starts program playback

Use Coloured Arrow keys to navigate and PLAY/ PAUSE to confirm/ activate selection.



To eject the disc press the OPEN/ CLOSE key on the Remote Control or on the TV unit.

## **Playing Back Other Media**

**JPEG/ PICTURE CD PLAYBACK** – You can use your DVD player to view photographs stored on a CD-R, the photographs on the disc need to be saved in JPEG file format.

1. Insert JPEG CD (as per DVD Disc – see previous instructions)
2. Menu appears on screen detailing image file name and a preview pane displaying a small image of the currently highlighted file.
3. Use Coloured Arrow keys to scroll through image's
4. To view in full screen as slide show press the PLAY/ PAUSE key.
5. While picture is displayed on screen use Coloured Arrow keys left/ right to rotate the image and up/ down to flip .
6. Press Zoom to zoom into the picture.
7. Press DVD Menu key to go back to menu.

### **MP3 CD PLAYBACK**

1. Insert MP3 CD into the DVD player – an MP3 menu will appear displaying MP3 folder and files.
2. Press PLAY/ PAUSE to select the folder
3. Use Coloured ARROW keys up/ down to select file and press PLAY/ PAUSE to play track/ file

# DVD Operation

**DivX/ MPEG4 CD PLAYBACK** – The DVD player of this TV supports all video codes that comply with specifications of DivX/ ISO MPEG4. DivX/ MPEG4 is a new standard of video compression that is both high quality and low bit rate, an ideal format for video on demand/ downloading over the internet. Due to its high compression capability a movie downloaded in this format will fit on a single CD-R disc.

1. Insert DivX/ MPEG4 disc into DVD player as previously described.
2. Once loaded use Coloured Arrows up/ down to select a movie file and press PLAY/ PAUSE
3. Press STOP to stop playback.

See start of chapter for compatibility of DivX/ MPEG4 with this player.

## **DVD SETUP OPTIONS**

You can customise the performance of the integrated DVD player to suit your own personal preferences using the setup menu's. There are two menu's GENERAL SETUP and PREFERENCE SETUP. Use the Colour ARROW keys to navigate the menu and the PLAY/ PAUSE key to confirm selections.

1. Press the SETUP key on the remote control
2. "GENERAL SEUP PAGE" will be displayed.
3. To select the other setup page press the Coloured ARROW keys left/ right to access.
4. Use left/ right Coloured Arrow keys to navigate and press PLAY/ PAUSE key to select desired option.
5. Press the left Coloured Arrow key to return to the top menu.
6. Press SETUP key to cancel the setup process.

## **"GENERAL SETUP PAGE" MENU**

Following options can be personalised.

1. **TV Display:** NORMAL (PAN/ SCAN), NORMAL (LETTERBOX) and WIDE (16:9) options available. Please note that some discs are recorded in a certain format that cannot be changed by these options.
2. **Angle Mark:** For DVD's recorded with MULTI ANGLE options
3. **OSD Language:** Select the On Screen Display Language from available options.
4. **SPDIF Setup:** n/a
5. **Captions:** By selecting ON for this option, extra descriptive information is displayed on screen describing the action taking place – this is different from subtitles which deals with dialogue only. Only operates with discs encoded with caption information – see disc cover for details.
6. **Screen Saver:** When this option is ON user can see the brand name/ logo on screen.
7. **HDCD:** If CD being played is High Definition select from OFF – HDCD Decoder is off, 1x – 44.1KHz sampling frequency, 2x – 88.2KHz sampling frequency.
8. **Last Memory:** When ON player remembers the point of disc playback where CD was ejected/ stopped/ when the TV was switched off. Playback starts automatically from that point when the same CD is reloaded/ played back/ when DVD is turned back on etc – Only available for DVD

## **"PREFERENCE SETUP PAGE"**

1. **TV TYPE:** Video output setting – PAL/ NTSC/ MULTI – PAL UK, NTSC – US and MULTI – UK/ US
2. **AUDIO, SUBTITLE, DISC MENU:** Preset preferred language settings (must be supported by disc for Audio) Audio – for the language you hear, Subtitle language you can read subtitles in, Disc Menu language is the language in which the menu on the disc is recorded.
3. **PARENTAL:** You can use the parental lock function only with a DVD Video Disc equipped with the parental lock feature. Such discs are rated according to their content. Selecting a parental lock level will determine if violent scenes can be viewed or unsuitable language heard or even not allow the disc to be played at all. A password will be required to view a DVD if parental control is activated. 8 Parental levels are displayed on TV screen. Select the desired one and press PLAY/ PAUSE to activate.
4. **PASSWORD:** You can change your password for parental control etc with this option.
5. **DEFAULT:** This will set all predefined parameters.

# DVD Operation

## SD CARD PLAYBACK AND USB CONNECTION

In DVD mode you can also access media files stored on a Multimedia Card, SD Card or USB stick.

For SD Card Playback (In DVD source mode)

1. Insert the SD Card carefully into the SD Card Slot – the cards will only go so far into the slot - see fig 2.
2. Press the DVD/ USB/ CARD key – to display media menu on screen – see fig 1.
3. Use the Colour ARROW keys to select SD Card
4. Press PLAY/ PAUSE to enter SD card files.
5. Select from the files using Colour Arrow keys.
6. Press PLAY/ PAUSE to select file you wish to access.
7. Press the DVD/ USB/ CARD key to go back to DVD or USB playback options.

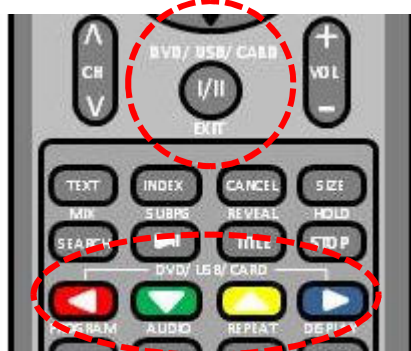


fig 1

DVD/ SD/ USB Side Panel View

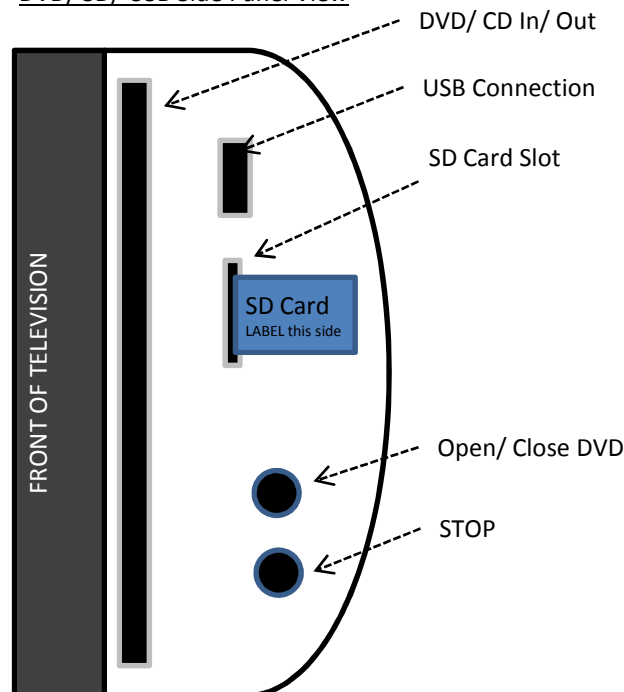


fig 2

## USB STICK PLAYBACK

For USB Stick playback follow the above process for SD Card access, except, select media – USB (instead of SD Card). The TV will now display the menu screen of the USB connected device. The USB connector is only compatible with USB Memory Sticks or USB MP3 players. Can play MP3, Jpeg and MP4 files. When using the USB function, please do not insert the connector in the wrong way as this can damage the TV connector. Carefully attach to TV.

DVD Trouble Shooting	
Fault	Things to check/ do
No Picture or Sound	Ensure the power is on
	Ensure the power outlet is operational
	Ensure the power plug is connected firmly to the outlet.
Remote Control Not Working	Ensure the TV is powered on "Blue Light"
	Ensure remote is in TV mode - press the TV KEY
	Are remote batteries working? Test/ change
	Point remote directly at ir sensor on TV
Picture But No Sound	Remove obstructions between remote and TV
	Ensure volume is not muted
	Check volume level by pressing Vol+
Disc Won't Play " No disc"	Is the disc inserted in DVD drive?
	Is the disc the right way in ?
	Examine the disc for scratches, warping and damage.
	Is the disc format compatible with this player? Check.
Poor Picture on Disc Playback	Examine the disc for scratches, warping and damage.
	Ensure the disc is not distorted
Unit Not Working	Turn off power, wait a few moments and turn on again.

## ADJUSTING TV SETTINGS

This section will help you in navigating the menu systems used for adjusting TV parameters.

The On Screen Menu's are very easy to operate, simply use the ARROW keys and ENTER key on the remote control to access all functionality. **Before starting , please press [TV] key on the remote control**

There are two menu's on this TV.

1. **ATV Menu** - Available when the TV is in ANALOGUE (TV) or DIGITAL (DTV) mode
  - For general picture/ sound/ analogue tuning and timer/ child lock/ hotel mode options.
2. **DTV Menu** - Available when the TV is in DIGITAL (DTV) mode **only**.
  - For Digital TV configuration, personalising DTV channel favourites, DTV child lock and hotel modes .

## ATV MENU OPERATION/ NAVIGATION

The ATV Menu allows you to alter general TV settings – and is used to customise standard picture, sound, timer - etc parameters.

1. Press ATV MENU to access the ATV main menu screen – see fig 1.
2. Use ARROW keys up/ down to highlight the submenu you wish to enter - Picture, Audio, Timer, Setup and Tune (+PC) – see fig 2..
3. Press the right ARROW key to enter the selected submenu.
4. Use ARROW keys up/ down to select a parameter e.g. "colour" etc
5. Use ARROW keys left/ right to adjust the selected parameter.
6. Press the ATV MENU key to step back to previous menu/ submenu.
7. To exit to TV keep pressing the ATV MENU key until the main menu disappears off the screen.

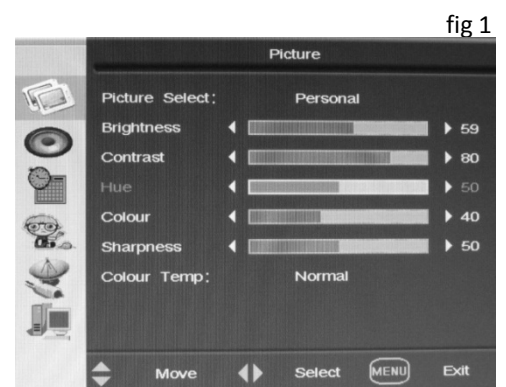


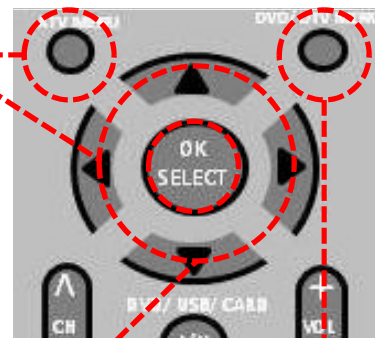
fig 1

### ATV Main Menu



- Picture (Picture Settings)
- Audio Mode (Sound Settings)
- Timer (Timer Settings)
- Setup (General Settings)
- Tune (Analogue)
- PC Menu (VGA MODE)

fig 2



## DTV MENU OPERATION/ NAVIGATION

The DTV MENU is only accessible when the TV is in DTV mode, and is used to customise digital tuner options.

1. Press DTV MENU to access the DTV main menu screen – fig 3.
2. Use ARROW keys up/ down to make a selection
3. Press OK/ SELECT to confirm selection / proceed
4. (Use ARROW keys left/ right to adjust a setting in a menu)
5. Press the DTV MENU key to exit from the DTV menu.

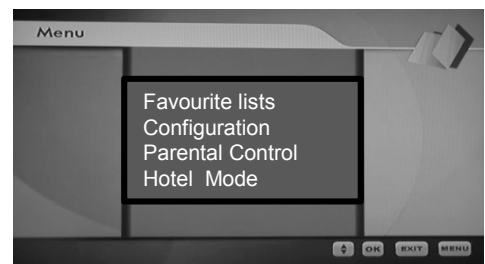


fig 3

The tables on the following pages detail the options available in both the ATV MENU and the DTV MENU. The key functions are listed with details of the parameters that can be adjusted and what they are used for.

*The menu layout in this user guide may differ slightly from your TV*



# Menu Operation

## ATV MENU LIST - For Main Menu – (Press ATV MENU Key)

PICTURE MENU			
Picture Select	→	Standard Soft Bright Personal	Use these functions to Select the Picture mode.
Brightness Contrast Colour Hue Sharpness	→	0 - 100	Use these functions to adjust the video effects.  <i>NOTE:</i> <i>HUE is available only for NTSC. This function is to adjust tint of picture for NTSC signal</i>
Colour temperature	→	Normal Cool Warm	Colour Temperature adjusts the colour temperature of the picture : Normal, Warm (reddish) or Cool (bluish)
SOUND MENU			
Sound Mode	→	Standard Music Hall Personal	Use these functions to Select the Sound mode. Presets and User (Personal) settings.
Volume Bass Treble Balance	→	0 – 100	Use volume parameter to adjust volume level of sound. Bass and Treble parameter is used to adjust corresponding low and high frequency level of sound. Balance parameter is used to adjust balance for output sound. Bass – Low Frequency/ Treble – High Frequency
AVL	→	ON OFF	This parameter is used for automatic volume control. If it is “On” then sound volume level is adjusted automatically. In case of distorted audio due to high audio modulation index, make Auto Volume Control “On”
TIMER MENU			
System Time	→	-- : --	Timer clock displays the time set by user as a Current Time
Wake up time	→	-- : --	Wake up time will turn the set ON at preset time. <i>Note: This feature will be activated only when the set is in Stand-By mode.</i>
Wake up Source	→	-- : --	Select the wake up source. Set will automatically turn on and switch onto preset source. <i>Note: This feature will be activated only when the set is in Stand-By mode.</i>
Wake up Channel	→	-- : --	Select ATV source above, then select the channel number you want to turn the set onto.
Power Off time	→	-- : --	Power off time will turn the set OFF after preset time.
ATV Remind Time	→	-- : --	ATV Remind time will remind you the time .
ATV Remind Channel	→	-- : --	Set the channel number and ATV Remind channel will move you on that channel at the time which is set in the ATV remind timer – useful if awaiting the start of a program you wish to watch on another ATV channel.

### ATV MENU Child Lock and Hotel Mode Notes.

The Setup menu on the following page includes the Hotel Mode and Child Lock facility – please note the following.

For any Child Lock/ Hotel Mode parameters to function – the Child Lock ENABLE and Hotel Mode ENABLE (ON/ OFF) option must be **ON**. Channel Lock/ Source Lock will only function if these ENABLE commands are ON

You can select as many individual channels/ sources to lock out – simply select each channel/ source and select Channel/ Source LOCK – ON

Force Position in Hotel Mode is only applicable to a single source/ channel

# Menu Operation

## ATV MENU LIST - (Continued)

SETUP MENU																																													
Language	→	English French German Spanish Portuguese Italian Russian Polish Serbian Hungarian Greek Romanian Bulgarian Czech Slovakian Croatian Turkish	Use this function to select OSD display Language as per requirement.																																										
Menu Background	→	Transparent Opaque	Use this function to make the OSD menu window see through (transparent) or not (opaque).																																										
Hotel Mode	→	Hotel mode Password Password is "0000" by default.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Hotel Mode Enable</td> <td style="width: 5%; text-align: center;">→</td> <td style="width: 15%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">On</td> <td style="width: 50%;">Used to activate or deactivate Hotel Mode Feature.</td> </tr> <tr> <td>Off</td> <td>Must be on for any features to be enabled in the menu.</td> </tr> </table> </td> </tr> <tr> <td>Change Password</td> <td style="text-align: center;">→</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">You can change the default password to you own personal password – keep a note if you do.</td> <td style="width: 30%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">New Password - - - -</td> </tr> <tr> <td>Confirm Password - - - -</td> </tr> </table> </td> </tr> </table> </td> </tr> <tr> <td>Key Lock</td> <td style="text-align: center;">→</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">On</td> <td style="width: 50%;">By selecting "On", user can lock the control keys of the TV set.</td> </tr> <tr> <td>Off</td> <td><i>NOTE: Place the TV set in standby to activate the feature as per selected setting.</i></td> </tr> </table> </td> </tr> <tr> <td>Source lock</td> <td style="text-align: center;">→</td> <td>To lock unwanted source selection – ATV/ DTV/ VGA/ HDMI etc</td> </tr> <tr> <td>Force Video</td> <td style="text-align: center;">→</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">                     ATV,                      DTV                      AV                      S.Video                      YPbPr (Comp)                      SCART                      HDMI,                      VGA                      None                 </td> <td style="width: 70%;">                     Source selected in "Force Video" is the source displayed when the TV is switched on from the mains supply.   <i>-This is effective only if Hotel Mode is "On"-</i> </td> </tr> </table> </td> </tr> <tr> <td>Force Position</td> <td style="text-align: center;">→</td> <td>                     Channel the TV switches onto if "Force Video" option selected is ATV (Analogue Tuner)  <i>-This is effective only if Hotel Mode is "On"-</i> </td> </tr> <tr> <td>Max Volume</td> <td style="text-align: center;">→</td> <td>                     Max Volume parameter is used to set the maximum volume level for output sound.  <i>-This is effective only if Hotel Mode is "On"-</i> </td> </tr> <tr> <td>Not install</td> <td style="text-align: center;">→</td> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">On</td> <td style="width: 50%;">This function can enable or disable access to the channel Installation menu.</td> </tr> <tr> <td>Off</td> <td><i>-This is effective only if Hotel Mode is "On"-</i></td> </tr> </table> </td> </tr> </table>	Hotel Mode Enable	→	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">On</td> <td style="width: 50%;">Used to activate or deactivate Hotel Mode Feature.</td> </tr> <tr> <td>Off</td> <td>Must be on for any features to be enabled in the menu.</td> </tr> </table>	On	Used to activate or deactivate Hotel Mode Feature.	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TT Language	→	West Europe, Russia East Europe, Arabic	Teletext Language is used to select teletext language.																																										
Auto sleep	→	0-240 min	Set sleep timer. <i>NOTE: Sleep Timer is deactivated when set is switched off into stand by ,or Mains power supply is OFF.</i>																																										
Aspect Ratio	→	4:3 16:9	Each press of this key will change the picture by following factor: 4:3, 16:9 <i>NOTE: Zoom key operate only when still picture or video is on screen.</i>																																										

# Menu Operation

## ATV MENU LIST - (Continued)

TUNE MENU								
<b>Program</b>	→	This indicates current program number selected.						
<b>Country</b>	→	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-right: 1px solid black;">           United Kingdom Croatia Czech France Germany Greece Hungary Ireland Italy Poland Portugal San Marino Slovakia Slovenia Spain         </td> <td style="width: 60%;">           Select the country as per your requirement. By selecting Country, TV set will automatically adjust colour and sound system corresponding to that country.         </td> </tr> </table>	United Kingdom Croatia Czech France Germany Greece Hungary Ireland Italy Poland Portugal San Marino Slovakia Slovenia Spain	Select the country as per your requirement. By selecting Country, TV set will automatically adjust colour and sound system corresponding to that country.				
United Kingdom Croatia Czech France Germany Greece Hungary Ireland Italy Poland Portugal San Marino Slovakia Slovenia Spain	Select the country as per your requirement. By selecting Country, TV set will automatically adjust colour and sound system corresponding to that country.							
<b>Auto Install</b>	→	This is Auto Searching Mode that will tune all the channels automatically. Select it to start the auto search. – See first installation on how to perform Auto Install.						
<b>Manual Install</b>	→	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-right: 1px solid black;"><b>Manual search</b></td> <td rowspan="2" style="width: 60%;">Manual Search options allows channels to be tuned manually, it is only necessary in case a new channel is not stored in Auto Search and you do not want to change the individual order of preset stations.</td> </tr> <tr> <td style="border-right: 1px solid black;"><b>Fine tune</b></td> </tr> </table>	<b>Manual search</b>	Manual Search options allows channels to be tuned manually, it is only necessary in case a new channel is not stored in Auto Search and you do not want to change the individual order of preset stations.	<b>Fine tune</b>			
	<b>Manual search</b>	Manual Search options allows channels to be tuned manually, it is only necessary in case a new channel is not stored in Auto Search and you do not want to change the individual order of preset stations.						
<b>Fine tune</b>								
<b>Skip</b>	→	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-right: 1px solid black;"><b>On</b> <b>Off</b></td> <td style="width: 60%;">You can skip the unwanted channels in this menu, skipped channels will not be selected with (▲/▼) keys on remote or P+/P- keys on TV set but skipped channels can be selected by pressing skipped program number by direct digit number selection keys on remote.</td> </tr> </table>	<b>On</b> <b>Off</b>	You can skip the unwanted channels in this menu, skipped channels will not be selected with (▲/▼) keys on remote or P+/P- keys on TV set but skipped channels can be selected by pressing skipped program number by direct digit number selection keys on remote.				
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<b>Channel Delete</b>	→	Go to that channel, open the ATV menu, select channel delete option and press right selection key to confirm. (▶)						
<b>Colour System</b>	→	This setting is necessary if the picture is not reproduced Correctly. PAL (UK) or AUTO						
<b>Sound System</b>	→	This setting is necessary if the sound is not reproduced Correctly. I (UK)						
<b>Program Swap</b>	→	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; border-right: 1px solid black;"><b>Swap From</b></td> <td style="width: 60%;">Select the channel number which you want to move.</td> </tr> <tr> <td style="border-right: 1px solid black;"><b>Swap To</b></td> <td>Select the channel number you want to move to.</td> </tr> <tr> <td style="border-right: 1px solid black;"><b>Perform Swap</b></td> <td>Press right selection key to confirm. (▶)</td> </tr> </table>	<b>Swap From</b>	Select the channel number which you want to move.	<b>Swap To</b>	Select the channel number you want to move to.	<b>Perform Swap</b>	Press right selection key to confirm. (▶)
	<b>Swap From</b>	Select the channel number which you want to move.						
	<b>Swap To</b>	Select the channel number you want to move to.						
<b>Perform Swap</b>	Press right selection key to confirm. (▶)							
<b>Channel Name</b>	→	Use this function if you would assign the name to a program (max 7 char.). Press [▲▼],[◀▶]key on remote to write the channel name. Select the characters/numbers by pressing the [▲▼] keys on remote. You can shift by pressing [◀▶] key.						
	→							

# Menu Operation

## DTV MENU LIST - For Main Menu – (Press DTV MENU)

1. FAVOURITE LISTS												
<b>FAVOURITE LISTS</b>	→	Create a Favourite List	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">→</td> <td style="width: 15%;">Name Channels</td> <td style="width: 75%;">This screen allows you to create a new favourite channels list with selection criteria. The name of the list is set to “FAV 1/2” for TV services and “RFAV 1/2” for Radio.</td> </tr> <tr> <td style="text-align: center;">→</td> <td style="text-align: center;">Radio TV</td> <td>This screen allows you to modify a favourite list. The current favourite list name is displayed on the top of the screen. User can modify the channel list by Lock, Skip/Delete, Sort/Move or Skip All/Add All the channels. <b>NOTE:</b> Channels deleted from the favourite list will also get deleted from the actual list.</td> </tr> <tr> <td style="text-align: center;">→</td> <td colspan="2">This screen allows you to delete a complete favourite list.</td> </tr> </table>	→	Name Channels	This screen allows you to create a new favourite channels list with selection criteria. The name of the list is set to “FAV 1/2” for TV services and “RFAV 1/2” for Radio.	→	Radio TV	This screen allows you to modify a favourite list. The current favourite list name is displayed on the top of the screen. User can modify the channel list by Lock, Skip/Delete, Sort/Move or Skip All/Add All the channels. <b>NOTE:</b> Channels deleted from the favourite list will also get deleted from the actual list.	→	This screen allows you to delete a complete favourite list.	
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→	This screen allows you to delete a complete favourite list.											
		Modify a Favourite List										
		Delete a Favourite List										

2. CONFIGURATION																																			
<b>Channel Installation</b>	→	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%;">Auto Installation</td> <td rowspan="2" style="width: 70%;">This screen allows you to install channels with two type : New or Add in Auto and Manual Installation. The Installation can be new one or can be an addition to the current installation.</td> </tr> <tr> <td>Manual Installation</td> </tr> </table>	Auto Installation	This screen allows you to install channels with two type : New or Add in Auto and Manual Installation. The Installation can be new one or can be an addition to the current installation.	Manual Installation																														
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<b>User Settings</b>	→	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Info languages</td> <td style="width: 10%; text-align: center;">→</td> <td style="width: 15%;">English</td> <td rowspan="5" style="width: 65%;">This screen allows you to customize the TV set. You can set your preferred language (Info, Audio, Subtitle Languages), modify the subtitle display, opacity level and LCN On/Off.</td> </tr> <tr> <td>Audio languages</td> <td style="text-align: center;">→</td> <td>Gàidhlig</td> </tr> <tr> <td>Subtitle languages</td> <td style="text-align: center;">→</td> <td>Cymraeg</td> </tr> <tr> <td>Subtitle Display</td> <td style="text-align: center;">→</td> <td>On</td> </tr> <tr> <td>Opacity level</td> <td style="text-align: center;">→</td> <td>Off</td> </tr> <tr> <td>LCN</td> <td style="text-align: center;">→</td> <td>Opaque</td> <td></td> </tr> <tr> <td></td> <td></td> <td>70%-90%</td> <td></td> </tr> <tr> <td></td> <td></td> <td>On</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Off</td> <td></td> </tr> </table>	Info languages	→	English	This screen allows you to customize the TV set. You can set your preferred language (Info, Audio, Subtitle Languages), modify the subtitle display, opacity level and LCN On/Off.	Audio languages	→	Gàidhlig	Subtitle languages	→	Cymraeg	Subtitle Display	→	On	Opacity level	→	Off	LCN	→	Opaque				70%-90%				On				Off		
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<b>System Parameters</b>	→	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%;">Factory Settings</td> <td>This option allows you to erase all DTV parameters – clearing all DTV memory. If it is activated all DTV Channels and user preferences are deleted. DTV will restart for a “First Time Installation”.</td> </tr> <tr> <td>Software Upgrade</td> <td>The software can be automatically updated with a new release during the standby of the TV set.</td> </tr> <tr> <td>System Informations</td> <td>This screen gives you some information about the TV (Device Version and Software Version).</td> </tr> </table>	Factory Settings	This option allows you to erase all DTV parameters – clearing all DTV memory. If it is activated all DTV Channels and user preferences are deleted. DTV will restart for a “First Time Installation”.	Software Upgrade	The software can be automatically updated with a new release during the standby of the TV set.	System Informations	This screen gives you some information about the TV (Device Version and Software Version).																											
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<b>Signal Information</b>	→	This parameter indicates channel number, channel frequency and quality of signal in terms of Bit Error Rate (BER)																																	
<b>Conditional Access</b>	→	<ul style="list-style-type: none"> <li>- Insert Card Adapter into CI slot.</li> <li>- CI-CA will be detected and displayed in the “Multi CI-CA List” menu.</li> <li>- Insert the Card then press [Enter] to enter in the Main menu.</li> </ul>																																	

3.PARENTAL CONTROL	
<b>PIN Code</b> The pin code is “0000” by default.	
<b>Parental Control</b>	→ If the Parental Locking is Disabled then all the parental locking features are deactivated. If it is Enable then all the parental locking features are applied according to your choice.
<b>Receiver Lock</b>	→ If this item is set to YES, each time the TV set turns to running mode, the PIN code has to be input.
<b>Menu Lock</b>	→ This item allows you to protect access to the menu screen and all sub-screens.
<b>Maturity Level</b>	→ You can apply a parental maturity level up to 18 years of age. In this case all services which are over age limit become inaccessible unless the viewer enters the PIN code. This system depends on the information forwarded by the broadcaster.
A press on RED button allows you to modify the PIN code from default (“0000”) to any user defined PIN code.	

4. HOTEL MODE	
<b>PIN Code</b> The pin code is “0000” by default.	
<b>Hotel Mode</b>	→ The Hotel Mode sub menu allows you to Enable/ Disable Hotel Mode.
<b>Force Position</b>	→ You can use this feature to force the TV to switch on to a particular DTV Programme number
<b>Not Install</b>	→ This item can enable or disable the channel Install menu.
<b>Change Password</b>	→ This parameter used to change the default password (0000) to any user defined password.

# 11. Connecting External Equipment to the TV

## SOURCE INPUT/ CONNECTION PANEL

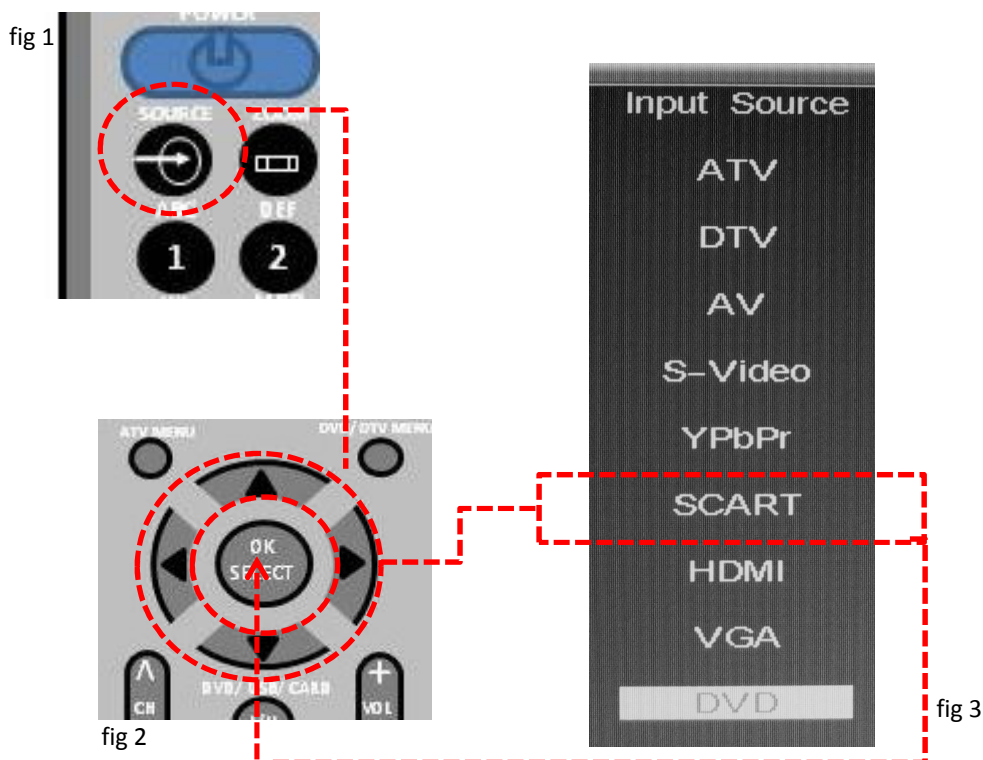
The sockets on the back of the panel are used when connecting external products to your TV, for example a DVD Player, VCR, Blu Ray Player, PVR, Games Console, Camcorder, Digital Camera and even a PC or Laptop Computer!

*Please note, whenever you connect an external device to your TV, make sure that the power on the unit is turned OFF ! Carefully read the instruction manual supplied with the particular product you are connecting to the TV before you start – this should ensure that you connect the device correctly and get the most enjoyment out of it!*

## Viewing a Connected External Device on the TV – (SOURCE INPUT)

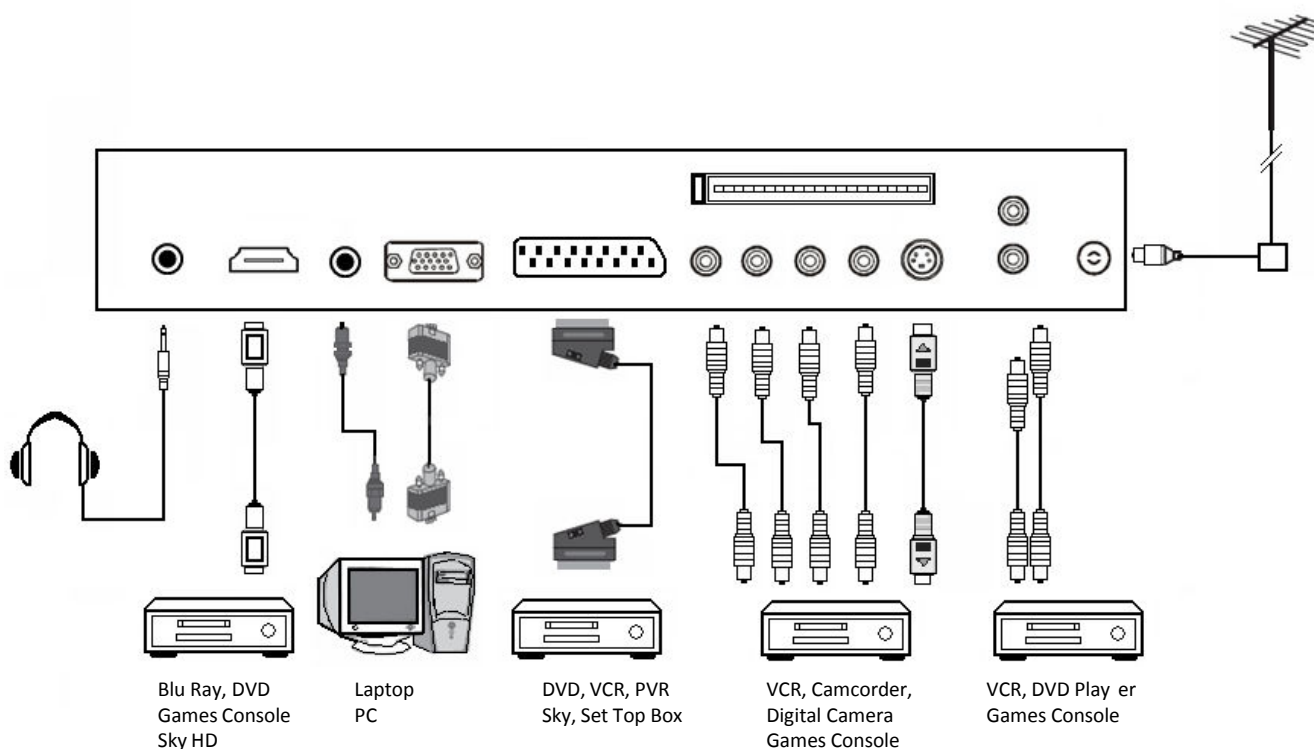
Once the device is correctly fitted to the right connection on the TV, and both the TV and the peripheral unit are powered on you will need to access the Input Source menu and select the input option the device you want to view is connected – to do this....

1. Press the **SOURCE** key on the remote control – fig 1 – the “Source Input” menu appears on screen.
2. Use the **ARROW** up/ down keys to select the **relevant** connection the device you want to view is connected to.
3. Press **OK/ SELECT** to confirm
4. The TV screen will now display the signal from the external device.
5. This is the same process to view all devices you connect.
6. *For example if you connected a DVD player to the TV using HDMI, press the SOURCE key on the remote control, use the up/ down ARROW keys to highlight HDMI and press the OK key to confirm – see fig 3.*
7. **To go back to TV Channels select ATV for Analogue Tuner and DTV for Digital Tuner on the Source Menu!**



*(Please note that certain devices connected to the TV via SCART or HDMI connections will automatically switch to the correct input source and be displayed automatically on the TV screen – when the external device is turned on. When the device is turned off the TV will revert back to its original channel setting)*

# Connecting External Equipment to the TV



**ANT IN :** To view television channels correctly, a signal must be received by the set from one of the following sources:  
An outdoor aerial / A cable television network / A satellite network

**COMPONENT IN:** Connect component video cables (not supplied) to component connector ("PR", "PB", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD. The PR, PB and Y connectors on your component devices (DTV or DVD) are sometimes labelled Y, B-Y and R-Y or Y, Cb and Cr.

Connect RCA audio cables (optional) to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.

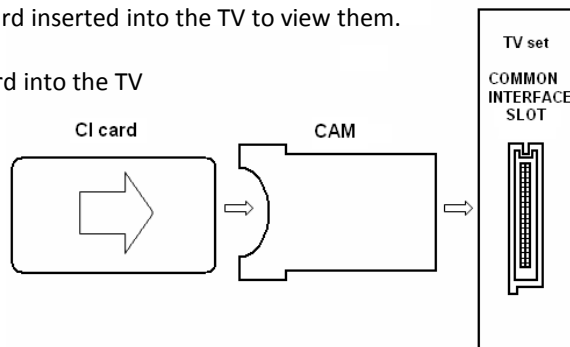
**HDMI IN :** Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, Blu Ray Player, Games Console etc). No additional Audio connection is needed for an HDMI to HDMI connection.

## FOR TOP UP TV (PAY TV)

Certain Digital TV Stations will be inaccessible – and a "Scrambled Signal" message is displayed on screen. These channels require you to have a (current/ valid) TOP UP TV card inserted into the TV to view them.

You will need a CI CAM unit (sold separately) to insert a TOP UP card into the TV – see a suitable electrical retailer for more details.

- Insert the TOP UP card into the CI CAM adapter as shown
- Insert the CAM unit into the Common Interface Slot on the TV
- Insert the CAM in the direction of the arrow
- Insert the CAM right up to the end so it is parallel with the slot



You can install the CAM anytime whether the TV is ON or OFF.

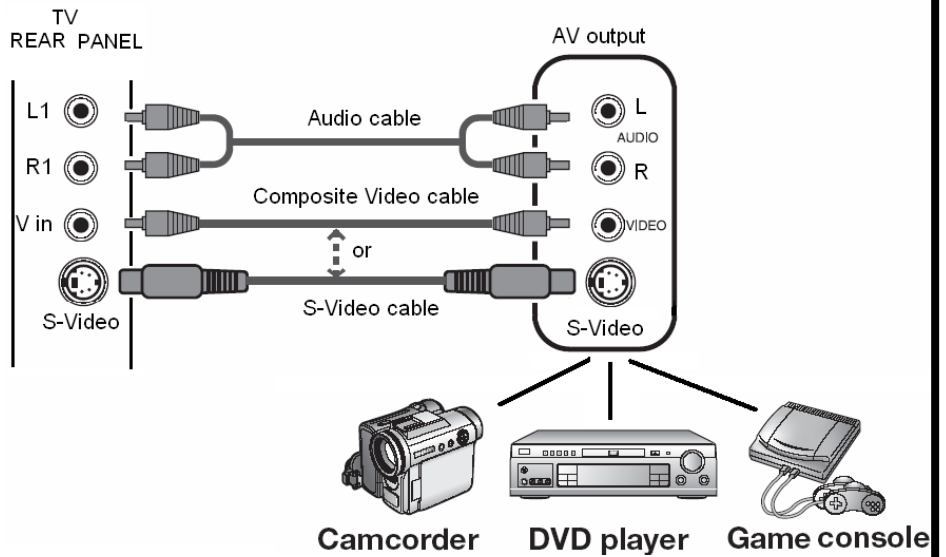
# Connecting External Equipment to the TV

## S-VIDEO or VIDEO / R-AUDIO-L

Connect RCA or S-VIDEO cable (not supplied) to an appropriate external A/V device such as VCR, DVD or Camcorder. Connect RCA audio cables (not supplied) to "R-AUDIO-L" on your set and the other ends to corresponding audio out connectors on the A/V device.

## AUDIO OUT [R-AUDIO-L]

Connect RCA audio cables (not supplied) to AUDIO OUT [R-AUDIO-L] on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theatre.

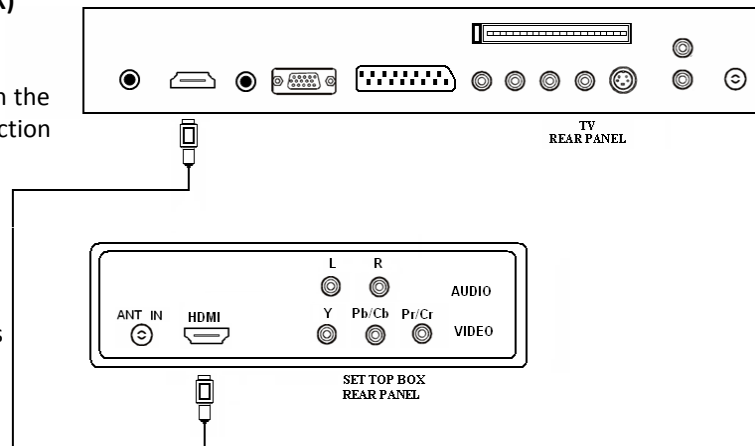


## CABLE BOX/SATELLITE RECEIVER (SET-TOP BOX)

### Connecting a Set-Top Box via HDMI

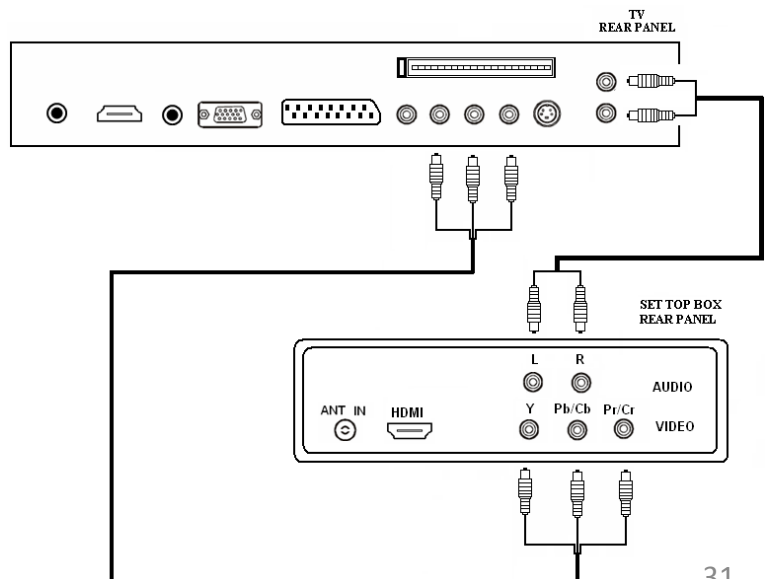
Connect an HDMI Cable (Not supplied) between the HDMI IN socket on the TV and the HDMI connection on the Set-Top Box.

No additional Audio connection is needed for an HDMI to HDMI connection.



### Connecting a Set-Top Box via Component Cables

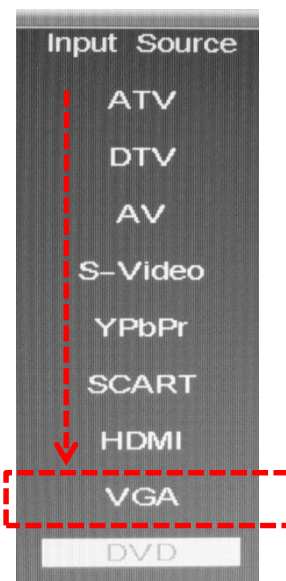
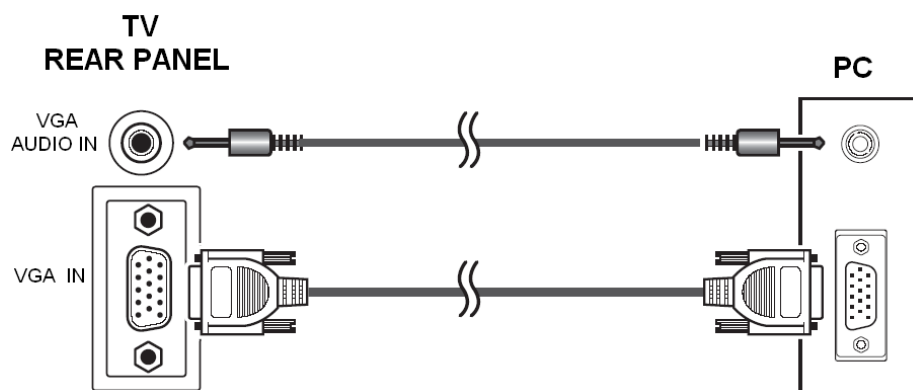
1. Connect a Component Cable (Not supplied) between the COMPONENT IN [Y, P<sub>B</sub>, P<sub>R</sub>] jacks on the TV and the COMPONENT jacks on the Set-Top Box.
2. Connect Audio Cables (Not supplied) between the COMPONENT IN [R-AUDIO-L] jacks on the TV and the AUDIO OUT jacks on the Set-Top Box.



# Connecting External Equipment to the TV

**PC IN [PC] / [AUDIO]:** Connect to the video and audio output jack on your PC or Laptop.

1. Press the SOURCE key on the remote control
2. Use the up/ down ARROW keys to select VGA
3. Press ENTER to display PC



## SETTING UP THE TV WITH YOUR PC/ LAPTOP

PC Adjust menu is available only for VGA input and deactivated for other input sources.

The actual screens on your PC may be different depending upon your particular version of Windows and your particular video card. Even if your actual screens look different, the same, basic set-up information will apply in almost all cases. (If not, contact your computer manufacturer)

To access PC Adjust menu you must be in VGA source mode with a PC/ Laptop connected – as per above.

Press ATV MENU on the remote – use the down ARROW key to select the PC ADJUST menu and press the ENTER key or right ARROW key to access.

PC Adjust		
- Connect your PC to the VGA connections on the TV set using a VGA cable (not supplied). - Press [SOURCE] key on remote control unit and press [▲▼] keys to select VGA source and press [▶] key on remote to enter into VGA mode		
Auto Config	→ YES NO	Auto Config is for Auto configuration of LCD TV with PC This automatically sets the H-Position, V-Position, Phase and Clock. If picture is not ok with Auto Config then adjust H-Position, V-Position, Phase and Clock manually to adjust the desired picture settings.
Image Position	→ VERTICAL HORIZONTAL	Adjust the PC's screen positioning if it does not fit the TV screen. Press the ▲ or ▼ button to adjusting the Vertical-Position. Press the ◀ or ▶ button to adjust the Horizontal-Position.
Phase	→ 0 – 63	The purpose of phase and clock adjustment is to remove or reduce picture noise. If the noise is not removed by Phase alone, then adjust the frequency as best as possible with clock. After the noise has been reduced, readjust the picture so that it is aligned on the centre of screen.
Clock	→ 0 – 100	Press the ▲ or ▼ button to select "Phase" or "Clock", then press the [ENTER] button. Press the ◀ or ▶ button to adjust the screen quality.

## CONNECTING HEADPHONES

You can connect a set of headphones to your set if you wish to watch a TV programme without disturbing other people in the room. While head phones are connected, the sound from the built-in speakers will be disabled.

Warning– Prolonged use of headphones at a high volume can permanently damage your hearing.





## **12. Warranty Certificate and Service Contact**

### **GUARANTEE CERTIFICATE**

#### **Guarantee Terms and conditions for TV**

**Important: keep the original packaging for at least 28 days together with the document indicating proof of purchase. (For UK returns policy)**

Thank you for purchasing this product.

We are confident you will enjoy using it for many years to come.

The Product warranty is for a period of 12 (twelve) months from the date of original purchase (date of receipt) against defective materials and workmanship.

If, after reading the instruction book trouble-shooting guide, you believe that there is a technical fault with the product, you should return it to the retailer where you purchased it.

VIDEOCON will comply with the warranty on the same terms and conditions as those normally offered to consumers in that country.

In case of difficulty, details of our authorized Service Department, (who will also be pleased to help you with regard to queries concerning the guarantee or the use of your product) are below.

Warranty Terms and Conditions

1. This warranty is only valid when accompanied by the original Invoice, sales receipt or confirmation from VIDEOCON of the warranty period. If the serial number is defaced, missing or illegible, the warranty with VIDEOCON is null and void. In this case you should contact the dealer from whom the product was purchased.
2. VIDEOCON's obligations are limited to the successful repair or, at its discretion, replacement of the product of defective component(s).
3. VIDEOCON invests heavily in its Service Network to ensure all repairs are completed in a speedy and professional manner. For this reason Warranty repairs must be carried out by either the original dealer, or an authorized VIDEOCON dealer or an authorized VIDEOCON Service Centre. The cost of repairs carried out by non-authorized dealer in warranty will not be re-imbursed unless preauthorized by the VIDEOCON Service Department. In the event of an unauthorized warranty repair failing, VIDEOCON will not accept liability for the cost of rectification or for any damage caused by such unauthorized repair work.
4. TV set are intended for use in the country where it was sold. VIDEOCON do not therefore accept liability for the cost of adaptation from one television broadcast system to another (e.g. from PAL-I to PAL BG or SECAM). Should you choose to have this product adapted, the VIDEOCON warranty will not cover and no reimbursement will be made for the adaptation.
5. The VIDEOCON warranty does not cover any of the following actions:
  1. Periodic check ups, maintenance and repair or replacement of parts due to normal wear and tear.
  2. Cost relating to transport, removal or installation of the product.
  3. Misuse, including failure to use the product for its normal purposes or incorrect installation.
  4. Damage caused by Lightning, Water, Fire, Acts of God, War, Public Disturbances, incorrect mains voltage, improper or insufficient ventilation or any other cause beyond the reasonable control of NORDMENDE.
6. This warranty is valid for any person who has legally acquired possession of the product during the initial warranty period.
7. The consumer statutory rights in any applicable national legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty. Unless there is national legislation to the contrary, the right under this warranty is the consumers sole rights and NORDMENDE. Its subsidiaries and distributors shall not be liable for any indirect or consequential loss or damage to records, compact discs, video or audio tapes or any other related equipment, software or material.

**For assistance please call our  After sales helpline number 0845 293 7697.**

**CORRECT DISPOSAL OF THIS PRODUCT****(Waste Electrical & Electronic Equipment)**

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

This product should not be mixed with other commercial wastes for disposal.



This symbol certifies that the product has been manufactured in compliance with the European Standards.

Helpline Number  
0845 293 7697