

# AKURA

**ALED2411E FDU**  
**Super Slim Digital LED TV**  
Incorporating “Led Backlight” Technology  
**With DVBt “Freeview”, HDMI & PVR**  
USB Record via USB memory stick (not supplied).



## USER'S MANUAL

**HDMI**<sup>™</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**FULL HD**  
1080P

**DVB**<sup>®</sup>



**Customer Help Line : 0845 293 7698**

**Website : [www.ekey.co.uk](http://www.ekey.co.uk)**

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# 1. Safety Information



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated “dangerous voltage” within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.



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

## **Correct disposal of this Product**

(Waste Electrical & Electronic Equipment (WEEE))



The crossed out “Wheelie bin” is intended to show that this appliance must not be placed with ordinary household waste at the end of its useful life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please keep separate from other household waste and recycle it responsibly to promote the sustainable reuse of material resources.

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

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product must not be mixed with other commercial wastes for disposal



This appliance complies with European Safety and Electrical directives

## 2. Safety Instructions

**CAUTION. PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS USER MANUAL AND MARKED ON THE APPLIANCE. RETAIN THIS BOOKLET FOR FUTURE USE.** This set has been designed and manufactured to assure your personal safety. Improper use can result in Electric shock or Fire hazard. The safeguards in this appliance will protect you if you observe the correct procedures for installation, servicing and operation. There are NO user parts inside. **DO NOT REMOVE THE CASE OR OTHER COVERS OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGES AND WILL INVALIDATE YOUR WARRANTY. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL.**



**Unpacking and Handling.** Open the carton carefully and remove the polyfoam packing. Carefully lift the TV and place onto a firm stable surface. Lift off the Poly bag and retain all packaging for future use. Keep all packaging away from small children and animals.



**Placing TV.** The TV should be placed on a firm table or shelf. If placing in a cabinet ensure there is sufficient spacing for air flow.



**Ventilation and Heat Sources.** Do not place material over the ventilation slots, this will cause the TV to overheat and fail. Do not place the TV in direct sunlight or near heat sources such as radiators or fires.



**Candles and Open flames.** Do not place lighted candles ("T" Lights) on the top or at the sides of the TV, or any other naked flame near the TV cabinet.



**Ventilation slots.** Do not allow objects to be dropped inside the ventilation slot, this could cause a short circuit and a possible fire. Do not allow chains to be dangled into the TV. A serious electrical shock may occur.



**Connections.** When connecting the TV to external sources and the mains supply, do not place wires that can be tripped over. Do not trap or place heavy objects on the mains lead or adaptor.



**Dis-connection Device.** The mains plug is the Disconnection device and **MUST** be accessible at all times.



**Moisture.** Do not place the TV in wet or damp conditions, such as steamy kitchens, basements or other damp places. Do not allow water or other fluids to enter the TV. Do not touch the Mains plug or adaptor with wet hands. Should moisture enter the TV, disconnect from the supply and call the customer help line.



**Cleaning.** Disconnect the TV from the mains supply. Use a soft dry cloth, for stubborn stains use a soft moist cloth with a dilute mild detergent.. Do NOT use petrol based fluids or abrasive materials.



**LCD Screen.** Do not hit or cause impact to the LCD screen. The screen consists of many individual pixels and is easily damaged. Bright or dark dots may occur and are not covered by warranty.



**Lightning.**



During a thunderstorm or when leaving the appliance for long periods such as holidays, disconnect the aerial input (if external aerial) and remove the mains plug, This is to prevent power surges damaging the apparatus



**Headphone Use.**

If using headphones do not use for long periods. Loud music can permanently damage your hearing.

## 3. Digital Switchover and your TV

**WHAT YOU NEED TO DO TO ENJOY WATCHING TV DURING AND FOLLOWING DIGITAL SWITCH OVER.**

Starting in 2008 and ending in 2012, television services will go completely digital, TV region by TV region. To continue using this digital TV during and following the digital switchover, you will need to "reset" your digital TV channels.

Users of this digital TV must reset on at least 2 different occasions, normally 1 month apart when your switchover happens. Digital UK, the body leading the digital switchover, and broadcasters, will advise you when to reset your digital channels on each occasion.

If you do not reset your digital channels, you risk losing some or all of your TV services during and following switchover.

Please refer to this instruction manual to retune the Digital TV services.

**Do NOT use "ADD" channels, you MUST "Auto Tune" and allow a complete retune. (See page 13)**

For more information please contact the "Customer Help Line" (Page 21) or visit [www.digitaluk.co.uk](http://www.digitaluk.co.uk)

## 4. Accessories

Please check the contents of the TV before you continue. If any item is missing please contact your point of purchase.

### User Manual



### Remote Control



### Mains Adaptor



### Mains Lead



## 5. User Controls.

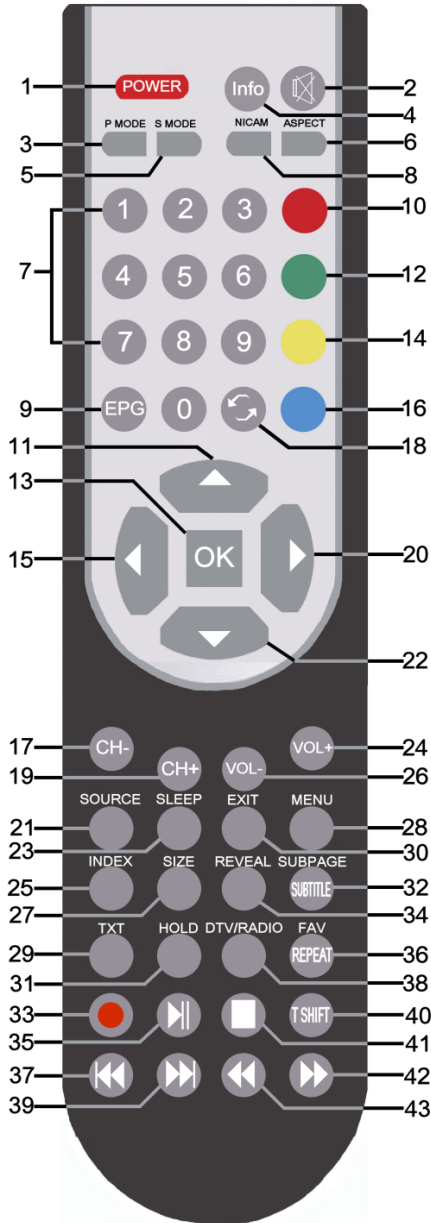
### Side View



1. **Power.** Switches TV On from standby. Also returns TV to standby.
2. **Input.** Selects the different input sources, each press will select another input source.
3. **Menu.** Selects the MENU function. If in a sub menu, will revert to previous level of menu.
4. **CH +** Increases channel selection by 1 with each press. In menu mode will shift the selection upwards.
5. **CH -** Reduces channel selection by 1 with each press. In menu mode will shift the selection downwards.
6. **Vol +** Increases Volume level. In menu mode, will shift the selection to the right, or increase level being adjusted
7. **Vol -** Reduces Volume level. In menu mode will shift the selection to the left, or decreases level being adjusted.
8. **LED.** Displays TV status. In standby illuminates Red, in operation illuminates Green.
9. **I R Lens.** Remote control receiver lens. Do not obstruct or cover.

## 6. Remote Control.

1. **POWER.** Switches TV to Standby and Operation.
3. **P MODE.** Selects picture modes.
5. **S MODE.** Selects sound modes.
7. **0-9.** Numeric buttons for direct channel selection or track/chapter numbers.
9. **EPG.** Selects Electronic Programme Guide..
11. **UP.** Navigation button
13. **OK.** Confirmation button.
15. **LEFT.** Navigation button.
17. **CH-.** Channel DOWN select.
19. **CH+.** Channel UP select.
21. **SOURCE.** Selects various input modes.
23. **SLEEP.** Sets sleep timer, sets from 10 minutes to 4 hrs
25. **INDEX.** Selects Text index.
27. **SIZE.** Changes Text size in Analog text mode
29. **TXT.** Selects Teletext.
31. **HOLD.** HOLD freezes text pages
33. **RECORD.** Press to record DTV Programmes
35. **PLAY/REPEAT.** Plays or sets Repeat points.
37. **PREV.** Selects previous track or file
39. **NEXT.** Selects next track or file
41. **STOP.** Stops playback in PVR mode. Cancels Repeat Mode
42. **FAST FORWARD.** Fast forward playback in PVR mode
43. **REWIND.** Rewinds playback in PVR mode



2. **MUTE.** Press to mute sound, press again to restore sound.
4. **INFO.** Displays TV settings and channel being viewed.
6. **ASPECT.** Selects different picture size modes
8. **NICAM.** In Analog TV mode switches between Mono and Nicam. In DVBt mode selects different soundtracks if transmitted.
10. **RED.** Red fast text mode button. Red select button in PVR mode.
12. **GREEN.** Green fast text mode. Green select button in PVR mode.
14. **YELLOW.** Yellow fast text mode. Yellow select button in PVR mode.
16. **BLUE.** Blue fast text mode. Blue select button in PVR mode.
18. **RECALL.** Recalls previous channel viewed.
20. **RIGHT.** Navigation button.
22. **DOWN.** Navigation button.
24. **VOL +.** Volume up button.
26. **VOL -.** Volume down button
28. **MENU.** Enters Setup menus
30. **EXIT.** Exits setup menus
32. **SUBPAGE/SUBTITLE.** Subpage selects subpages in Text mode. Subtitle displays subtitles in Analog, and DVBt modes
34. **REVEAL.** Reveals hidden answers in Text quiz pages.
36. **FAV / REPEAT.** Fav displays Favourite program listing. Repeat sets the repeat mode in PVR playback.
38. **TV/RADIO.** Selects TV or Radio in DVBt mode.
40. **T.SHIFT/PAUSE.** Direct entry to Media mode if Hard drive is connected. Press to start Time Shift mode. **PAUSE.** When playing back in PVR mode.

## 6. Remote Control.

### Battery Fitting and Disposal

1. Open the battery cover
2. Fit two "AAA" batteries. Ensure the battery polarities are correct i.e + to + and – to –.
3. Replace the battery cover

**To prevent injury, do NOT break open or throw exhausted batteries in a fire.**

Do not mix batteries, old and new, Carbon or Alkaline.

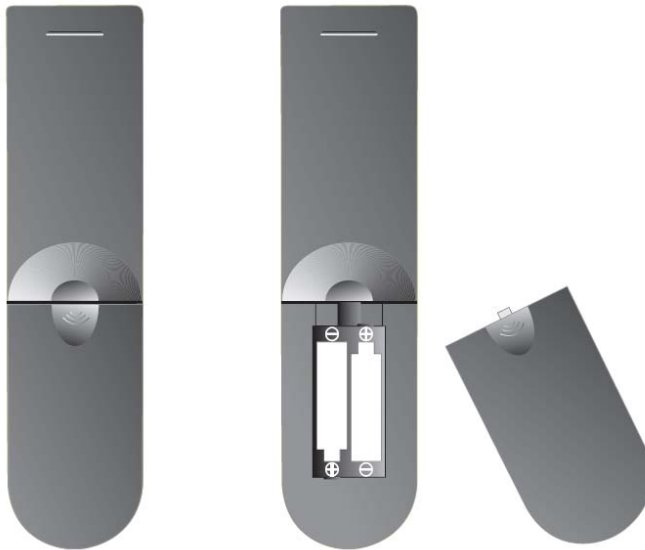
Do not use re chargeable batteries.

Remove batteries if not using the remote control for long periods to prevent leakage.

If the batteries do leak, clean the compartment with soapy water and scrape any residue from the contacts. To NOT touch or ingest battery residue.

Should you swallow chemicals leaked from a battery, please URGENTLY consult a medical adviser.

4. In the event that the remote control does not function, please check that the + VE end of the battery terminals are in contact with the connection spring. Some batteries have a smaller + VE terminal and may not reach the spring. You can stretch the spring slightly to ensure connection



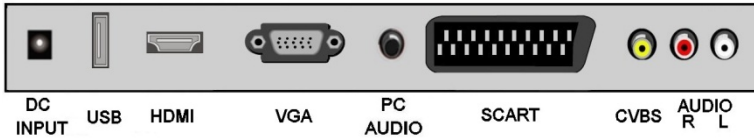
**Do Not place used batteries in domestic waste, consult your battery retailer or your local waste disposal company for advice.”.**



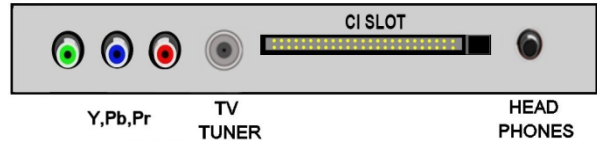
## 7. Connections.

**IMPORTANT.** When making connections ensure the TV is disconnected from the MAINS Adaptor supply input, and that the appliance being connected is also disconnected from the mains supply.

### Underside Connectors



### Left side Connectors



**DC INPUT.** +12V DC Input from a suitable Mains Adaptor (supplied).

**USB.** Hard drive/ Memory stick connection for PVR

**HDMI.** Input from HDMI source (High Definition).

**VGA.** PC input (RGB).

**PC AUDIO.** Stereo audio input from PC (Used in conjunction with VGA input).

**SCART.** Audio /Video input and output. (General quality).

**CVBS and Audio R/L.** Low quality video input and audio

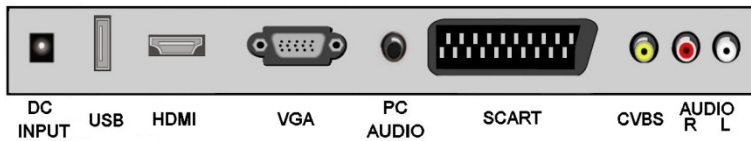
**Y,Pb,Pr.** Component Video input for Games consoles etc .

**TV TUNER.** RF input from TV aerial or cable source.( 1 mV @ 75 Ω) typical.

**CI SLOT.** Place a CAM (Conditional Access Module) into this point to allow a "Pay per View" card to be used.

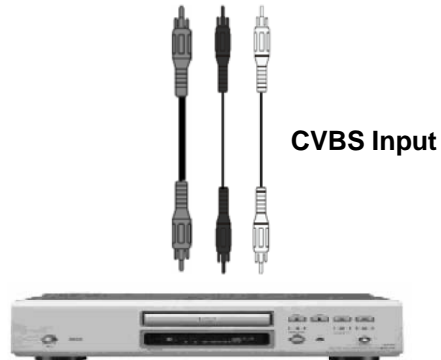
**HEADPHONES.** Stereo outputs to headphones only.

### Typical connections



#### Mains Adaptor.

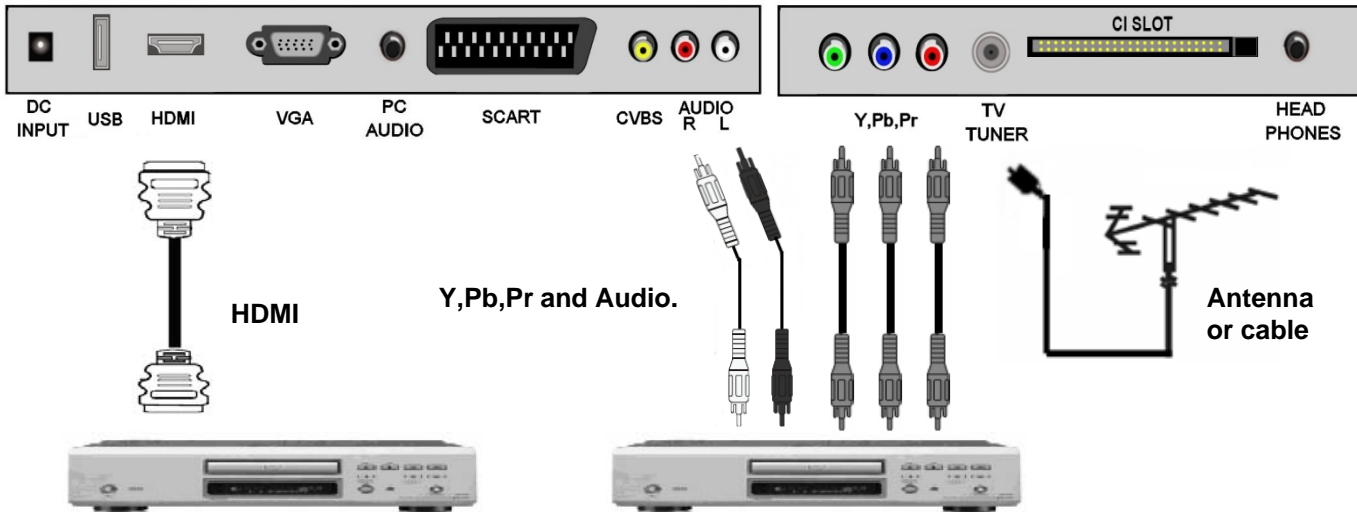
Do not connect mains supply until the adaptor is connected to the TV.



Disconnect TV from mains adaptor. Connect CVBS and Audio L/R (if required).  
Re connect mains adaptor to TV and source.  
Use **SOURCE** button to select AV



## 7. Connections.



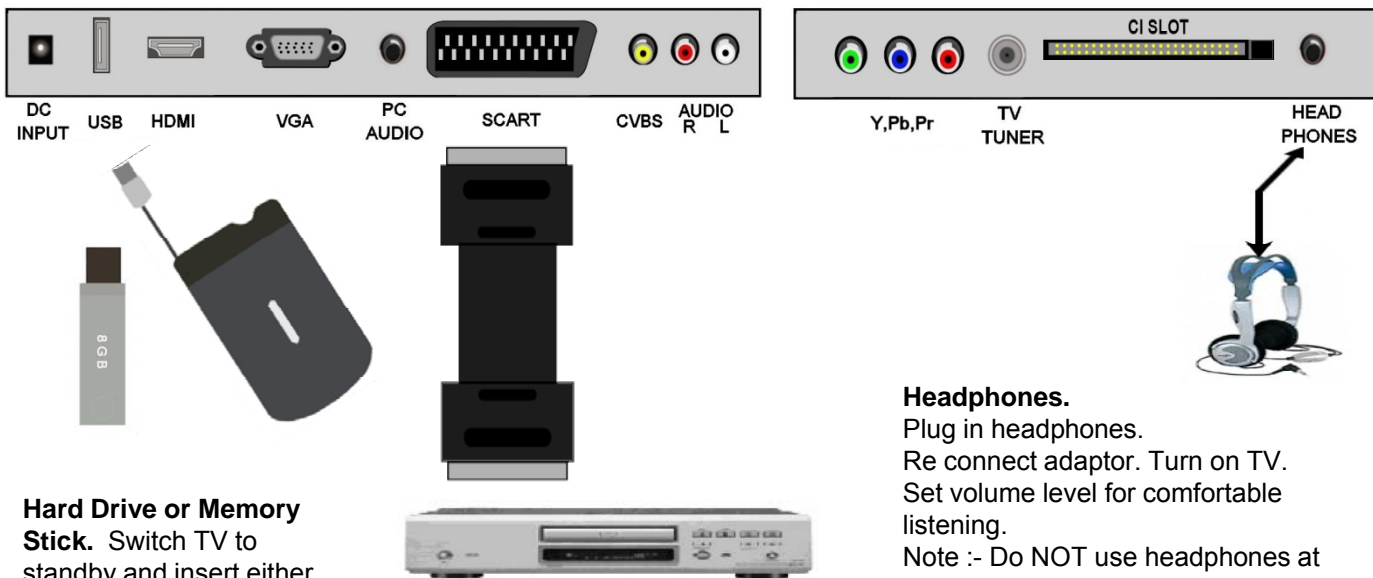
**HDMI**

**Y,Pb,Pr and Audio.**

**Antenna or cable**

Disconnect TV from mains adaptor.  
Connect HDMI input.  
Re connect mains adaptor to both TV and source.  
Use **SOURCE** button to select HDMI.

Disconnect TV from mains adaptor.  
Connect Y,Pb,Pr inputs and Audio if required.  
Re connect mains adaptor to both TV and source.  
Use **SOURCE** button to select Y,Pb,Pr.



**Hard Drive or Memory Stick.** Switch TV to standby and insert either the USB Hard Drive or USB memory stick.  
Use **SOURCE** button to select **"MEDIA"**

**SCART.**

Disconnect TV from mains adaptor.  
Connect scart lead to TV and appliance.  
Re connect mains adaptor to TV and power to appliance.  
Use **SOURCE** to select SCART.

**Headphones.**

Plug in headphones.  
Re connect adaptor. Turn on TV.  
Set volume level for comfortable listening.  
Note :- Do NOT use headphones at high volume levels for prolonged periods.

## 7. Connections.

### Source/ Input Menu.



To access the Source menu, press the SOURCE button on the Remote Control or the INPUT button on the TV.

Using the ▲/▼ buttons select the Source / Input required and press OK to select.

## 8. Menu Operation.

Connect the TV to the Mains adaptor and suitable aerial. It is advisable not to connect other apparatus until you have established that the TV is working correctly. If using the TV for DVBt (Freeview) viewing the existing aerial may not be suitable. Indoor aerials (set top) may not be suitable for some of the received stations. If stations are missing, freeze or break up, it is certainly the aerial signal that is not sufficient.

Turn on the power and a Red led will be displayed in the lower left corner.

Press either the Standby button on the remote control or the Power button on the TV.

The led will now turn Green and the screen will light up after approx 5 seconds.

At this stage no stations will be stored.

## 8. Menu Operation.

### Basic Tuning

Press the LCD MENU button on the Remote Control. The menu as in Fig 1 will be shown.

Using the ▲/▼ buttons select “YES”.

If you are in a different country, select “COUNTRY” use the ►/◄ buttons to select your country of choice.

If you require a different language, select “LANGUAGE” and use the ►/◄ buttons to select a language of your choice.

“Note:- Language may also be selected in the Function Menu”.

Fig 1



Fig 2

When “YES” has been selected Fig 2 will be displayed, showing that the Analog TV channels are being searched.

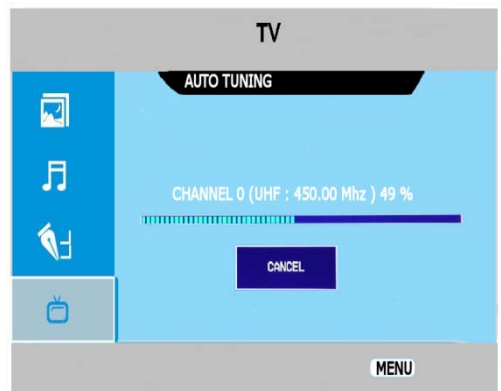


Fig 3

When searching of the Analog channels have been completed, the TV will then search for the Digital Stations (Fig 3).

When all the channels have been searched the TV will display Channel 1 (BBC1) in DTV Mode.

It may occur that the Analog Stations are not in the correct order to change the order see pages 15/16



## 8. Menu Operation.

### LCD Menu.

Press the LCD MENU button to display the PICTURE menu, Fig 4 will be displayed.

To select the other menu's press the ▲/▼ button and the Highlight bar at the left of the menu will move Upwards or Downwards To enter each menu press the ► button. To exit any sub menu press the LCD MENU button. To exit the menu's totally press the EXIT button.

### Picture Menu. (Fig 4).

To change the picture settings use the ▲/▼ buttons to select the feature and then use the ◀/▶ buttons to change the levels.

**Picture Mode.** Select from Personal, Dynamic, Standard and Soft modes.

Personal is an adjustable location to set the picture settings to your choice.

Standard is set as the average picture setting.

Movie. Optimised for viewing film material

Mild is set as a easy viewing setting.

Game. Optimised for playing games.

**Brightness.** Adjusts the overall picture brightness.

**Contrast.** Adjusts the ratio of dark to light.

**Colour.** Adjusts the colour saturation (colour depth).

**Sharpness.** Adjusts the clarity of the picture. If the signal is noisy (analog) then this setting should be reduced to mask the noise.

**Tint.** Only available when using NTSC sourced material from the AV inputs

### PC Mode. (Fig 5).

The picture settings are different for PC Mode.

**H Position.** Adjusts the picture position horizontally.

**V Position.** Adjusts the picture position vertically.

**Phase.** Adjusts the clock phase to minimise picture jitter.

**Clock.** Adjusts the monitor to the PC.

**Auto Sync.** Adjusts the PC to the TV automatically. When selected the picture may "jitter" and jump for a few seconds until the adjustments are optimised.

### PC Picture Mode (Fig 6).

The picture setting selection is different for PC operation.

**Picture Mode** (as Fig 5)

**Brightness.** Adjusts the overall picture brightness.

**Contrast.** Adjusts the ratio of dark to light.

**Colour Temperature.** Adjusts the colour hardness, select between Normal, Warm, Cold.

Fig 4

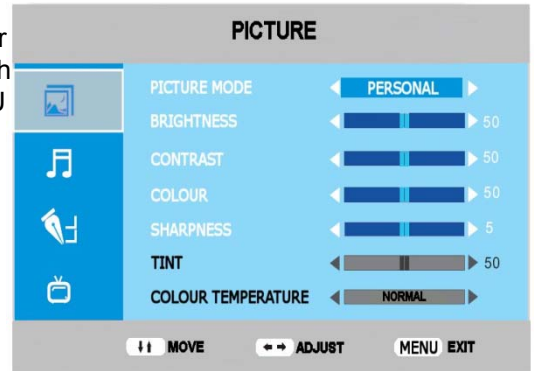


Fig 5

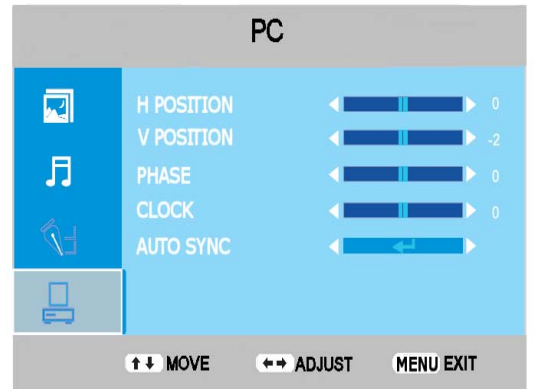
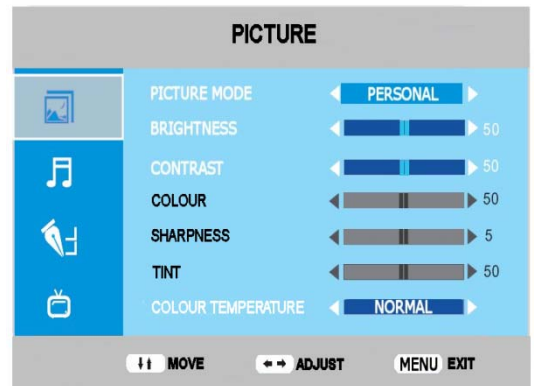


Fig 6



## 8. Menu Operation.

### Sound. (Fig 7)

**Sound Mode.** Select from :- Standard, Music, Voice, Theatre and Personal.

**Standard.** Used for general viewing.

**Music.** Selected for enhanced music appreciation.

**Voice.** Selected for News and voice based programmes

**Theatre.** Suitable for Films and large productions

**Personal.** Adjust for your personal listening.

**Bass.** Adjusts lower register frequencies.

**Treble.** Adjusts higher register frequencies.

**Balance.** Adjusts the level of the left and right speaker.

### Function. (Fig 8)

**Language.** Selects the OSD Language. You may chose between English, Italian, Spanish, Portuguese, French and German. ( The default is English).

**Video Size.** Adjusts the Picture size for various aspect ratios you may select from :- Auto, Full, 4 : 3, 14 : 9 and Zoom.

**TT Language.** Selects Teletext Languages. Chose from Western Europe, Eastern Europe, Russian, Arabic, Farsi, Greek, Cyrillic and Hebrew.

**Sleep Timer.** Selects the Sleep Timer settings from OFF, 15, 30, 45, 60, 75, 90, 105, 120 minutes. This may also be selected using the SLEEP button on the Remote Control.

**OSD Timer.** This selects the time the OSD menu is displayed on the screen, it can be set from "Never", 5, 10, 30, 60 Seconds. (Never is OSD ON continuously until it is turned off using the Menu or Exit buttons on the Remote Control).

**Blue Screen.** This can be turned On or Off. In On mode, when no signal is detected the screen displays Blue. In Off mode the screen displays "noise".

**Reset.** This resets the User settings back to factory "default" settings.

**Child Lock / Key Lock (Fig 9).** This enables you to set the Child Lock ON, set the password and change the password. **Child Lock.** When set to ON, you must enter the password each time the TV is turned on. **Key lock** ON stops the user from accessing the operation of the TV with the user buttons, the Remote Control functions normally.

Select the Child lock menu and press OK. The Password menu will be shown, enter the correct password (0000 factory default) and the Menu (Fig 10) will be shown. Use the ▲/▼ buttons to select Child Lock, Key Lock or Change Code. To change each function use the ►/◀ buttons.

To change the Password code, select "CHANGE CODE" and press OK. Fig 11 will be displayed. Enter the old code and then the new code twice. PASSWORD ACCEPTED message will be displayed. Please ensure you make a note of the new number and KEEP IT SAFE.

Fig 7

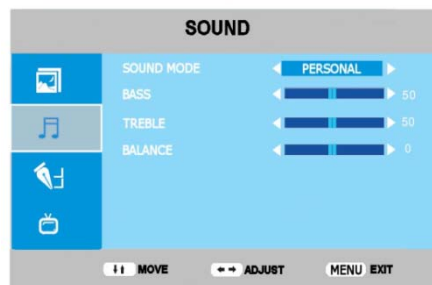


Fig 8

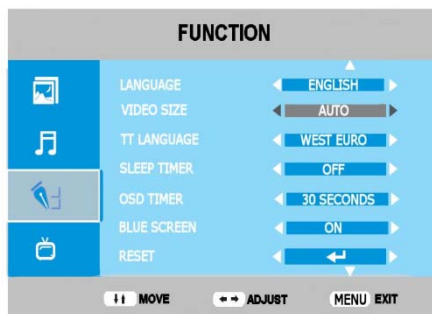


Fig 9

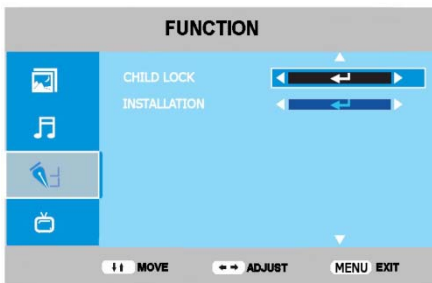


Fig 10

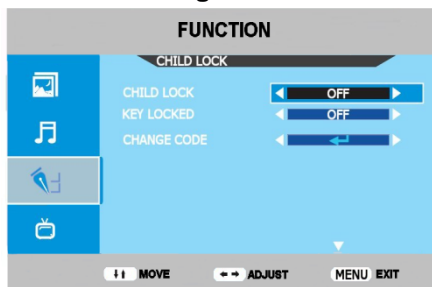
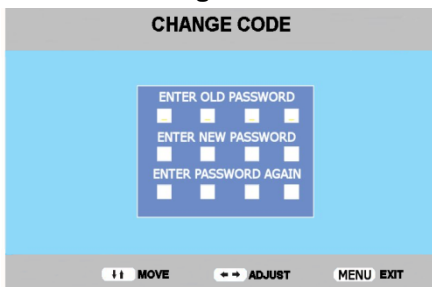


Fig 11



## 9. Menu Operation. Digital

### Digital Installation.

Should you move to another location you may need to re install the DTV channels. Select Installation and you will see the menu as in FIG 1. A full retuning will now take place.

### DTV Auto Tuning. (Fig 12)

After initial installation it may be necessary to re install all the stations especially if new stations have been added. Select DTV SOURCE. Press LCD MENU and select DTV Tuning menu. Select Auto Tuning and press ►. The sub menu (Fig 13) will be shown. Select YES using the ►/◀ buttons and press OK. The search tuning will now start and a display will show progress (Fig 14).

When tuning is complete the TV will display the first channel (BBC1) in DVBT mode. All received channels will be stored.

If using in another country, select COUNTRY using the ▲/▼ buttons and select the country using the ►/◀ buttons.

### DTV Manual Search. (Fig 15).

It may be necessary to add more digital channels as they are provided by the programme providers or manually tune stations for reasons (above).

Select DTV Manual Tuning and press Ok. Using the ►/◀ buttons select the **Channel Name** of the multiplex (channel) required. The correct channel numbers are available from the website [www.dtg.org.uk](http://www.dtg.org.uk), and select "Transmitters". If you do not know which region you are in, go to website [www.digitaluk.co.uk](http://www.digitaluk.co.uk) and Insert your postcode, you will then be shown which region you are in.

At the bottom of the menu you will see a bar scale showing the quality of the signals on that channel. Press OK to start the search. When complete the menu will display the number of TV and Radio stations received, and then return to BBC1. (See Fig 14).

### CH MANAGE.

Enter the DTV menu (Fig 12), select **CH Manage**, and press OK "A sub menu (Fig 16) will be displayed".

Select "**CH ORGN**" to enter the Channel Organizer menu Fig 17

Fig 17

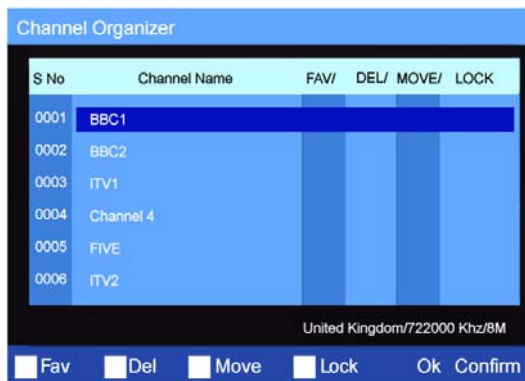


Fig 12

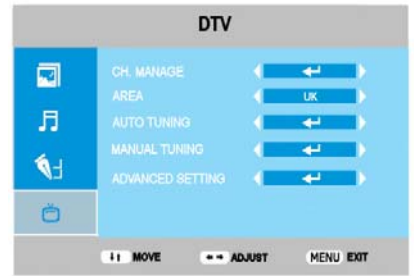


Fig 13

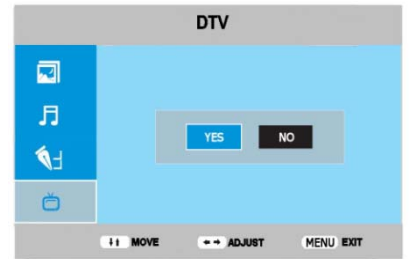


Fig 14



Fig 15

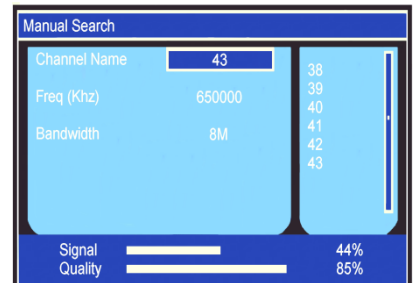
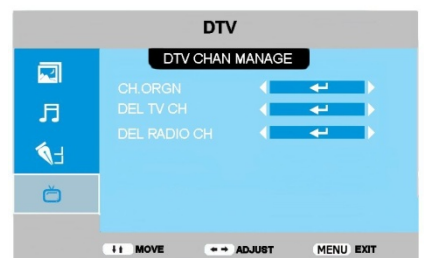


Fig 16



## 9. Menu Operation. Digital

### FAV.

To select Stations that you wish to have as “Favourites” select the station required by using the ▲/▼ buttons. Press the **RED** button. This will place a Red Heart into the **FAV** column. To de select press the RED button again.

### DEL.

To delete any station, use the ▲/▼ buttons to select the station and press the **GREEN** button. This will place a White X in the **DEL** column. To delete press OK. You will be asked to confirm the deletion by selecting YES or NO. If you press YES the station will be deleted permanently.

To restore the station you must perform a Manual Tuning or Auto Search as on page 14. To unselect press the GREEN button again.

### MOVE.

You may wish to move a station to another more convenient location. Select the station using the ▲/▼ buttons. Press the **YELLOW** button. A Yellow arrow will be displayed in the **MOVE** column. Using the ▲/▼ buttons, select the destination you wish to move the selected station to and press OK. The station will now move and all the stations below will move down one location.

### LOCK.

To lock a station (Adult Station). Select the station using the ▲/▼ buttons. A box requesting the PASSWORD will be shown. Enter the password. A Blue Lock symbol will now be shown in the **LOCK** column. You may also add the lock feature to any location without further Password insertions. Each time this “Locked” station is selected you will be requested to enter the Password. To remove the lock, re enter the Menu and press the Blue button.

### RENAMING STATIONS.

It may be necessary to Rename a TV station. Select **CHANNEL ORGANISER** and using the ▲/▼ buttons select the station you wish to rename.

Press either of the ►/◀ buttons. The menu of Fig 19 will be displayed. To select the letters use the Numeric buttons, to select Upper case or Lower case use the Yellow button, to Select Letters or Numbers use the Red button, to move the cursor use the Blue button, and to Delete a letter use the Green button. When completed press “OK” and the TV will display the new name in that selected location.

### Delete All DTV stations. (Fig 16).

Should you need to Re install the Digital TV stations first you must Delete all the stored stations. Select **DEL TV CH.** Press OK and you will be asked to select YES or NO. If you chose YES all the DTV channels will be deleted.

You must then see page 13 to re install the DTV stations.

Fig 18

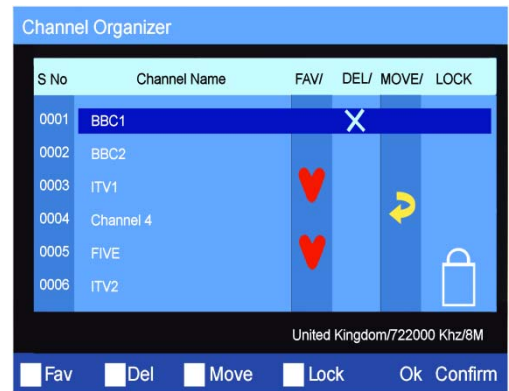
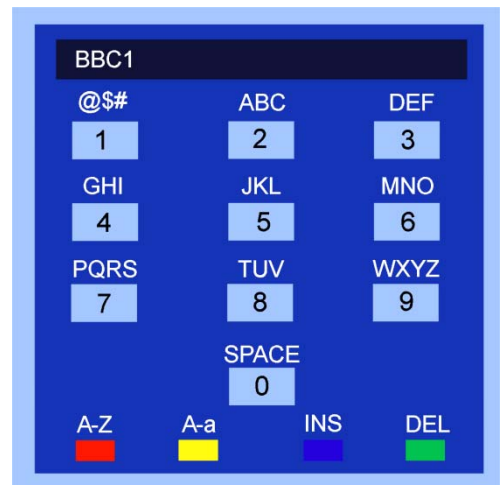


Fig 19



## 9. Menu Operation. Digital

### Delete All RADIO stations. (Fig 16).

Should you need to Re install the Digital RADIO stations first you must Delete all the stored stations. Select **DEL RADIO CH.** Press OK and you will be asked to select YES or NO. If you chose YES all the RADIO channels will be deleted.

You must then see page 13 to re install the RADIO stations.

### ADVANCED SETTINGS. (Fig 20)

Enter the DTV Menu (Fig 12) and select ADVANCED SETTINGS.

**AUDIO.** If other languages are transmitted, you may select them in this mode. Select AUDIO using the ▲/▼ buttons and to change the language use the ►/◀ buttons. (English is default in UK).

**SUBTITLE.** If other languages are transmitted, you may select them in this mode. Select SUBTITLE using the ▲/▼ buttons and to change the language use the ►/◀ buttons. (English is default in UK).

**CI.** This setting allows you to see the settings of your CI card. For further information see page 18.

Fig 20

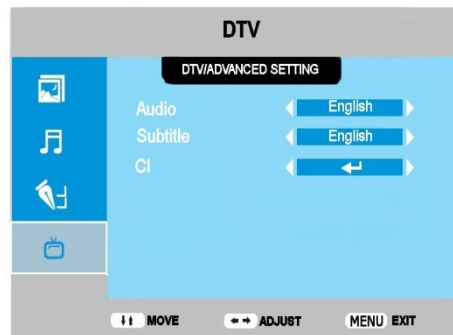


Fig 21

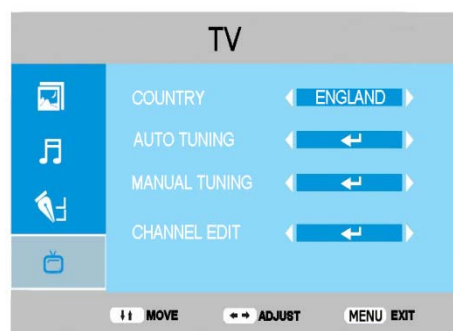


Fig 22

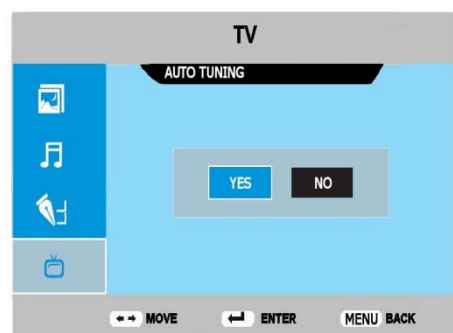
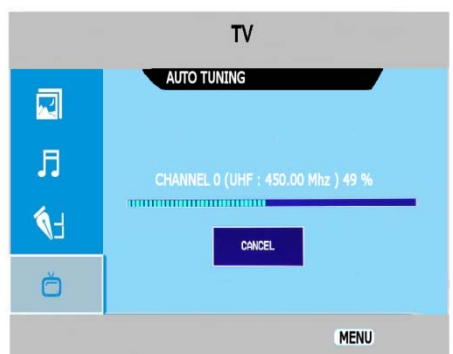


Fig 23



## 10. Menu Operation. Analog

### ATV Auto Tuning. (Fig 21)

After initial installation it may be necessary to re install all the stations especially if you have moved the TV to a different area. Select TV SOURCE. Press LCD MENU and select TV Tuning menu, select Auto Tuning and press ►. The sub menu (Fig 22) will be shown. Select YES using the ►/◀ buttons and press OK. The search tuning will now start and a display will show progress (Fig 23).

When tuning is complete the TV will display the first channel (BBC1) in ANALOG mode. All received channels will be stored.

If using in another country, select COUNTRY using the ▲/▼ buttons and select the country using the ►/◀ buttons.

The Analog stations are stored in station order i.e BBC1, BBC2 etc, however in certain circumstances a station may be out of order, these stations will need to be correctly ordered, see page 17.



## 10. Menu Operation. Analog

### ATV Manual Tuning. (Fig 24).

It may be necessary to add a channel for a TV game or similar without fully retuning the TV.

If you are adding a TV game to be used on the aerial, unplug the TV aerial and insert the game.

Ensure the game is turned on.

Using the SOURCE button select TV (Analog).

Open the LCD Menu and select TV. Select "MANUAL TUNING" and press OK. Select CHANNEL and use the ►/◀ buttons to select a vacant location. Select MANUAL TUNING and press ► to tune upwards or ◀ to tune downwards, Hold down the ► or ◀ button for more than 3 seconds, the TV will then start tuning. To Exit this feature press the "LCD menu" button. If it is a TV game they are usually defaulted to 600Mhz.

**Sound System.** In the UK "I" is the correct setting, however if you are moving to Europe the sound setting will need to be changed. Use the ► button to select the correct system.

"I" UK "default", "B/G" for Western Europe, "D/K" for Eastern Europe. "L" for France (SECAM) only.

**Colour System.** In the UK and Western Europe except France "PAL" is used, In Eastern Europe and France (SECAM) is used. Note (SECAM) can only be selected when the "Country" is set to a (non UK) setting.

**AFT.** Automatically turned ON when the menu's are closed. Turned OFF when in Manual Tuning.

### Channel Edit. (Analog) (Fig 25).

#### Fav "Green".

To select "Favourite" channels you may "TAG" the stations required and then use the FAV button to select these. Select CHANNEL EDIT and press OK. You will now see Menu Fig 18. Use the ▲/▼ buttons to select the required station and press GREEN. This will now place a green tag next to that channel. To remove the tag, press green again.

**Skip "Yellow".** You may wish to "Skip" certain channels when using the CH+/CH- buttons. Use the cursor buttons to select the channel you wish to Skip. Press Yellow and a Yellow dot will be shown next to the channel selected. To remove the skip function, press the Yellow button again.

When a channel has been selected to Skip, you still may select that channel with the numeric buttons.

**Lock "Blue".** You may wish to stop certain channels from being selected. Move the cursor to the station you wish to lock, and press the Blue button. To unlock, press the Blue button again.

Fig 24

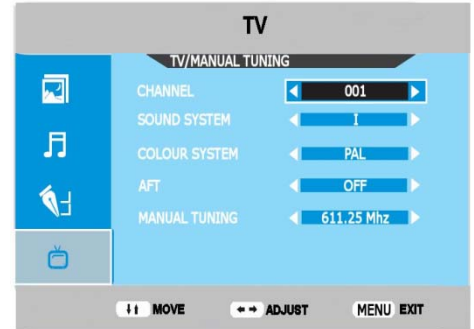
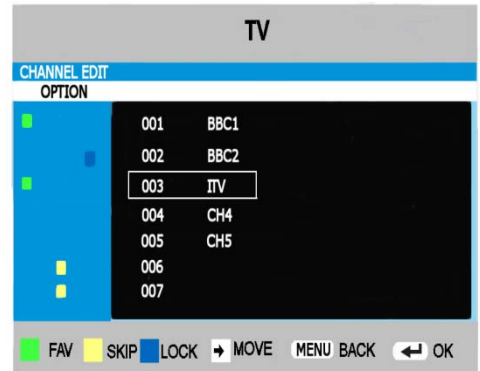


Fig 25



## 10. Menu Operation. Analog.

### Move

If one of the stations has been incorrectly placed in the station listing, you may move it to the correct position, i.e, BBC1, BBC2, ITV, Channel 4, Channel 5. Using the cursor select the channel to be moved, press **►**, a > will be added to that location see fig 26 . Move the station to the new location using the **▲/▼** buttons and press OK, this will move the station to the new location, see fig 27. To exit press LCD menu. When a station is moved, it moves the other stations “Down” one location, so it is wise to start at the top. The correct sequence should be :- BBC1, BBC2, ITV, Chan 4, Chan 5.

Fig 26

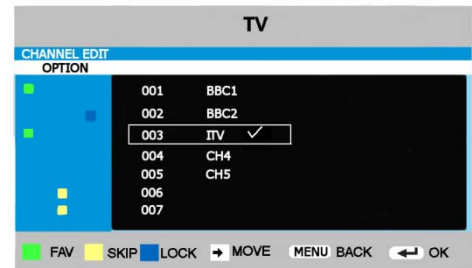
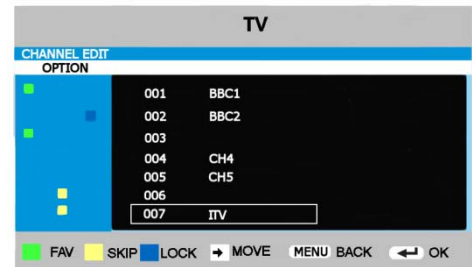


Fig 27



**Rename Stations.** To rename any station, use the “Move” menu (above) and select the station to be renamed. Press OK and you will see Fig 28. Use the **▲/▼/ ►/◀** buttons to navigate around the screen and press OK to enter each letter as required. When the station is renamed, press MENU to exit that level or EXIT to exit the full menu.

## 11. EPG (Electronic Programme Guide)

(DVBt only).

An “Electronic Programme Guide” EPG is provided by the programme providers. To access this press the EPG button on the remote control.

The EPG provides programme information for the next 7 days. (Fig 29)

Press **▲/▼** to move up and down the list and **►/◀** to move across the list.

To access any programme use the **▲/▼** buttons to highlight, the programme will be shown in the background. Press EXIT to view the programme.

For more information about a programme press the Yellow button “Extended”.

To see programmes for the next day or further, press the Green button and use the Red button to revert to Daily view.

**Timer.** (Blue button). You may select a programme on another channel at another time, to switch over automatically when that programme is about to start.

Select the programme and press the Blue button. The Programme title will change from White to Blue. To de select press the Blue button again.

Some boxes may be blank, the data may not available.

To exit the EPG, press the EPG button again or EXIT.

Fig 28

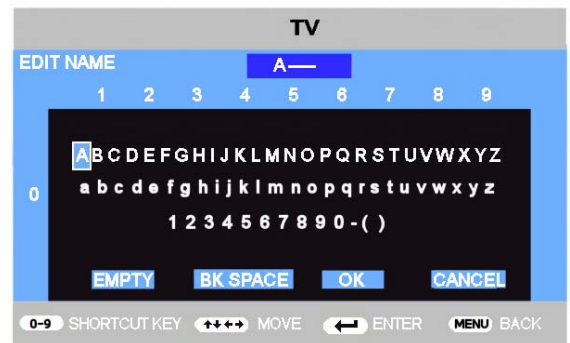


Fig 29

Daily Mode		07/10/2009 10: 10 : 45	
S No	Channel Name	07 / 10 / 2009 Friday	
0001	BBC ONE	10.05 - 11.00	Brothers and Sisters
0002	BBC TWO	11.00 - 12.00	Desperate Housewives
0003	ITV 1	12.00 - 12.30	News at Noon
0004	Channel 4	12.30 - 13.00	Life Class
0005	FIVE	13.00 - 13.15	Post Modern Pastimes

10.05 - 11.00 Brothers and Sisters  
■ Daily ■ Weekly ■ Extended ■ Timer Exit Exit

## 12. CAM Module

### Using a CAM (Conditional Access Module) (CI Slot).

This feature allows the user to access digital terrestrial “pay per view” channels. To use this facility a conditional access module (CAM) and viewing card need to be obtained by subscribing to a pay channel company.

To insert the module. Ensure the TV is fully disconnected from the power source.

Insert the CAM into the CI slot with the label facing the rear of the TV (Fig 30). A positive stop should be felt if correctly fitted. DO NOT force the module.

To release the CAM take a firm grip and pull gently. Do NOT twist.

Reconnect the TV and switch on. Select DTV.

Insert your “Pay per view” card. “Do NOT touch the gold contacts”

Press the LCD Menu button and select DTV Setting menu. Select CI Information and press ►.

If everything is working ok you will see (Fig 31). press OK. If things are working Ok you should see the information as in Fig 32.

To check the module is working use the ▲/▼ buttons to select Module Information and press OK, you should now see the information as in Fig 33

To check the card is working Ok select Smart Card Information and press OK. Again if everything is ok you will see a list as Fig 34. If the information is not present, remove the card reverse and reinsert. This information should now be seen.

Exit the menu’s by pressing LCD menu and you are ready to view “Pay per view” channels.

To obtain the CAM and pay per view card, these may be purchased from good high street stores.

Fig 30

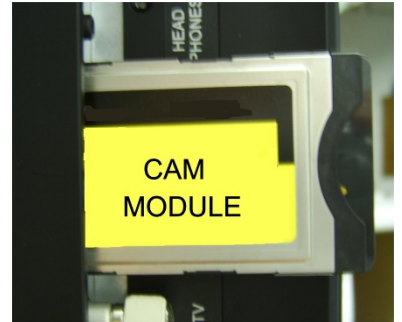


Fig 31

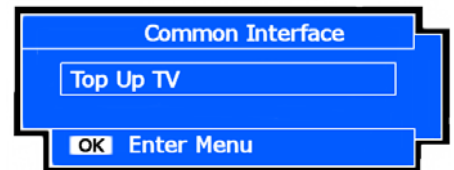


Fig 32

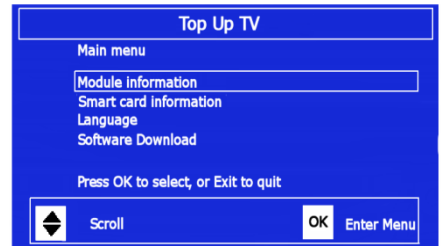


Fig 33

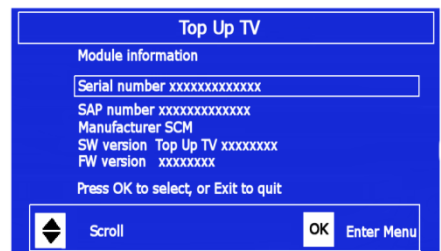


Fig 34



## 13. Teletext. (Analog) TV

Teletext is an information system broadcast by certain programme providers. It can provide Subtitles for viewers hard of hearing. Weather, Travel information, games and many other services.

Below is a description of the buttons associated with Teletext.

**TEXT.** Press to select Teletext, press again to exit.

**MIX** Press to mix the video information to the text page. Press again to turn off.

**INDEX.** Press to access the index page directly.

**SIZE.** Press to increase the text size in the top half of the page, press again to increase the text size in the lower half of the page, press again to return to normal text size.

**REVEAL.** Press to reveal hidden answers in quizzes or puzzles.

**SUBPAGE.** Some text pages may contain several sub pages. To access these press this button and then enter the page number using the numeric buttons. Press again to exit the feature.

**COLOUR BUTTONS.** Red, Green, Yellow, Blue are used as fast access buttons to pages of text which are highlighted at the bottom of each text page.

**HOLD.** Press to hold any text page for easy viewing. Press again to return to normal.

## 14. Teletext. (Digital) TV (Fig 35)

Teletext is provided in the DVBt service and operates differently from Analog TV

To enter TELETEXT, press the RED Button.

Use the ▲/▼ buttons to select the category you require and press OK to enter. In each category there will be sub pages. Use the ▲/▼ buttons and OK button to select.

To exit Teletext. Press the TEXT button.

Fig 35



Fig 36

## 15. Digital Radio. (Fig 36)

To access the Digital Radio Stations continue as follows :- Press the TV/RADIO button. Use the EPG button to see the Radio station listing. Select the radio station you require using the ▲/▼ buttons and press OK. You may also use "Direct Button entry" using the "Numeric Buttons"..

To return to DTV mode use the TV/RADIO button again.



## 16. Media

### PVR. "HARD DRIVE RECORDER"

To allow recordings of Digital TV programmes, the USB connector is enabled to allow connection of a PC Hard Drive (HDD) or USB Stick memory over 2 G bytes.

Before you can record, the Media Memory must be formatted. In general New memory media should be formatted correctly. FAT32 is the required format. Both HDD and USB Memory stick must be formatted.

Note :- It is wise to use "Dedicated" media memory for the PVR. AKURA accepts NO responsibility for any data lost from any media device plugged into this TV under ANY circumstances.

### Media Playback.

Ensure that a Media Memory storage device is connected to the TV.

Press the "SOURCE" button to display the Source menu. Use the ▲/▼ buttons to select MEDIA and press OK. Fig 37 will be displayed.

Use the ◀/▶ buttons to select the required medium and press Ok

Fig 38 will be displayed. This shows the Media is connected and operational. Press OK.

Fig 39 will be displayed. Use the ▲/▼ buttons to select the media type required and press OK. The selected Media MUST match the item selected in fig 40 , e.g Video selected in Fig 37 must match PVR in Fig 39


### Movie Playback.

Select PVR and press OK.


Fig 40 will be displayed. Use the ▲/▼ buttons to select the programme required and press OK.


The programme will now start playing.


### Playback Controls.

 Play/Pause. Press to play, press again to Pause, press again resume playback.

 Press to Stop playback.

 Press to select the Previous track or file.

 Press to select the Next track or file.

 Press to fast Rewind. Each press will increase the speed x2, x4, x8, x20 x0


 Press to fast Forward. Each press will increase the speed x2, x4, x8, x20 x0

Fig 37

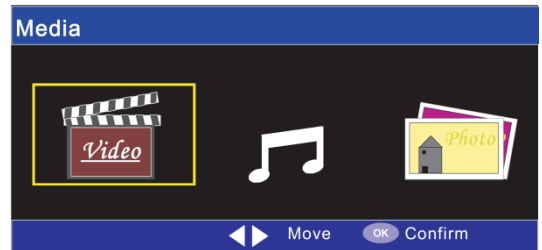


Fig 38



Fig 39

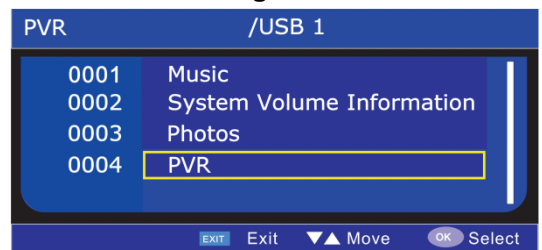
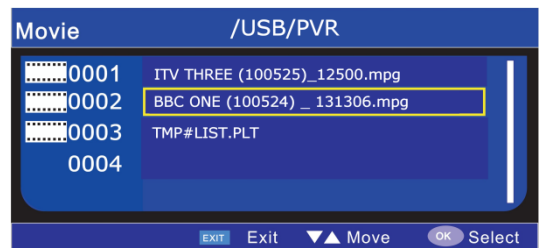


Fig 40



## 16. Media

### Music Playback.

Refer to Fig 37, and 39 but select Music, fig 41 will be displayed. Use the ▲/▼ buttons to select the track required and press OK. The track will now start playing “ Fig 42”. To control the playing see the buttons at the bottom of the display. To stop playing press “Stop”. This will revert back to Fig 41 Menu. To “Pause” press the “Play/Pause” button, to continue press again. To “Fast Forward” or “Fast Rewind” press the ◀◀ or ▶▶ buttons. To select the Next or Previous track, press either “Next” or “Prev” buttons or press “Stop” and use the ▲/▼ buttons then press OK. To Exit the player totally press either “Source” or “Exit”

### Photo Display.

Refer to Fig 37, and 39 but select Photo, fig 43 will be displayed. Use the ▲/▼ buttons to select the Photo Icon and press OK. The first 6 “thumbnails” will be displayed, “Fig 44”. Use the ◀/▶/ ▲/▼ buttons to select the picture to view and press OK. That photo will now be displayed in full screen mode. It will also start the “Slide show”, from that point. Each picture will be displayed for approximately 3 seconds, to pause the slide show, press the “Pause/Play” button. To resume press the button again.

## Recording.

### Recording.

There are Four ways of recording TV programmes, Time Shifting, Timer recording, EPG recording, and Instant recording.

### NOTE

*This TV is NOT a dedicated PVR recorder. It will only record the one TV channel at once, and if a “Timer” recording is set, the TV will change to that channel when recording starts.*

**Time Shifting.** If you need to “pause” the programme you are watching, without losing any of the programme. Press the “T-SHIFT” button. If using a Hard Drive as the storage medium, you may get a message stating the speed of the storage medium is not fast enough, select YES if you wish to continue. “Most USB memory sticks are adequate”. Another option is to use the “Record” button and select “Time Shifting” in the menu “Fig 45”. A Box stating Time Shifting” will be displayed in the top left of the screen. Press “Pause”. The TV will now hold the programme without losing any content. To return to the programme, press “Play” and the TV will continue from the previous point. To stop the “Time Shift” feature press “Stop” and confirm by selecting “Yes” and press OK.

Fig 41

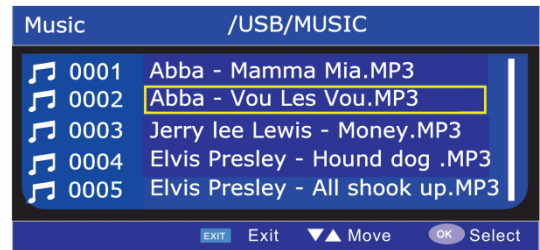


Fig 42

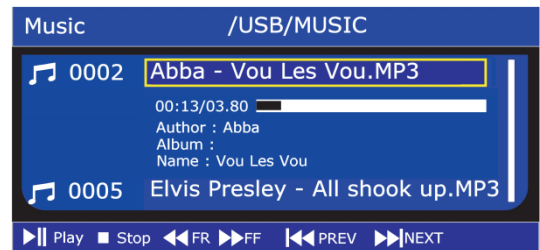
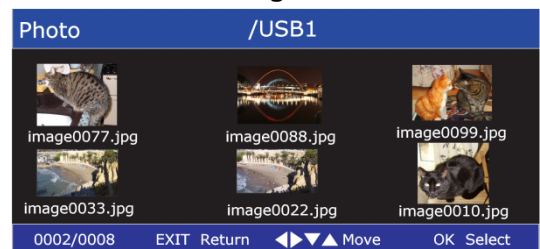


Fig 43




Fig 44



## 16. Media

### Timer Recording

In DVB mode “only”, press the “Record” button  , the “Record Menu” fig 45 will be shown. Use the ▲/▼ buttons to select “Set Timers” and press OK. Fig 46 will be displayed. Use the ▲/▼ buttons to select the various features and ◀/▶ to enter Sub menu’s.

**Timer No.** You may set up to 8 timer settings, you may NOT have more than one setting for one time, and NO timers must overlap.

**Timer mode.** There are 4 settings :- Once, Daily, Weekly and Off.

**Wakeup Channel.** Use the ▶ button to enter the sub menu and use the ▲/▼ buttons to select the required station. Press OK to confirm.

**Wakeup Date.** To set the Date, press the ▶ button and fig 47 will be displayed. Using the ◀/▶/ ▲/▼ buttons you can navigate around the calendar. Set the date as required.

To change the Year and Month, press the coloured buttons as described at the bottom of the display and use the ◀/▶ buttons to change the details. Press OK to confirm and the menu will revert to the Main menu.

**On Time.** To set the “On Time” Use the ◀/▶ buttons to select each digit, and the “Numeric buttons” on the remote control to change the values.

**Duration.** As with the On Time, set the time in the same way.

When the time is reached, the TV will change channel automatically and proceed to record. You may stop the recording by pressing the “Stop” button and confirming that the recording should be stopped

### EPG Recording “Electronic Programme Guide”

To use the EPG to set the recording time, press the “EPG” button. Fig 29 (page 17) will be displayed. Use the ▲/▼/ ▶/◀ buttons to select the programme you wish to record. Press the “Blue” button, the item highlighted will now turn blue.

To “unselect” the programme, press the blue button again.

### Instant Recording.


If you are watching a programme you wish to record, press the “Record” button  . The Record Menu “Fig 45” will be displayed. The “Record Start” item will be highlighted. Press OK and the recording will start. A box in the top left of the screen will display “Recording”. You may see a message “Device speed not enough , Record anyway ?” If using a Hard drive, you may select YES. In playback there may be some flickering of picture or sound. Most USB Memory sticks have sufficient speed, but limited capacity.

Fig 45

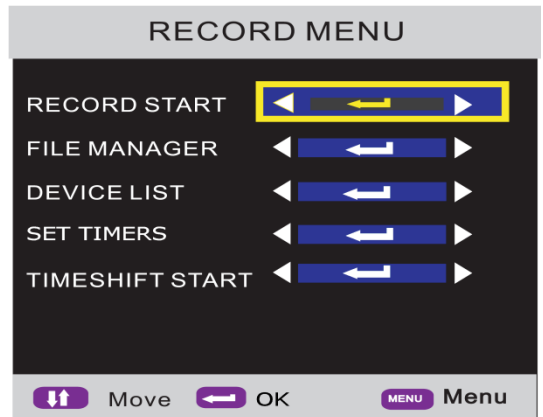
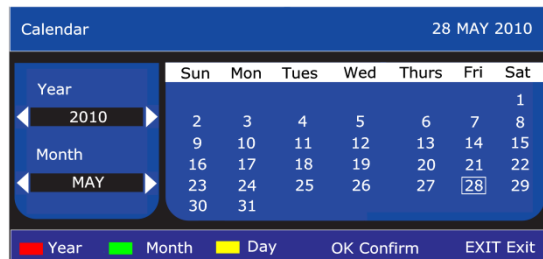


Fig 46




Fig 47



## 16. Media

### FILE MANAGER (Fig 49)

In DVB mode, press the “Record” button. 

Use the ▲/▼ buttons to select “File Manager” and press the ► button to enter the sub menu (Fig 49). Use the ▲/▼ buttons to select the required file.

Use the coloured buttons to delete the required files. The Blue button allows you to see, in “Full screen mode” the programme selected.

Be sure you want to delete any material as it cannot be recovered.

### DEVICE LIST.

To check that a Memory device is connected and working, select “Device List”.

### SET TIMERS.

This is covered on page 22

### TIMESHIFT START.

This is covered on page 21

Fig 48

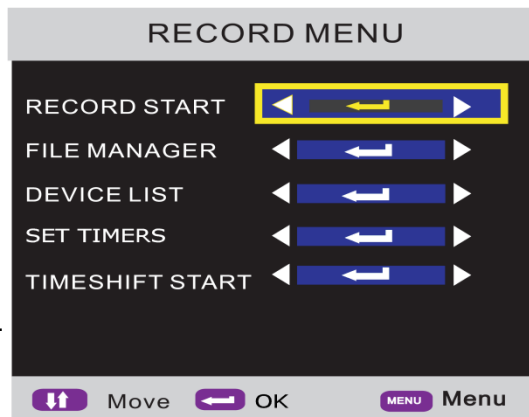
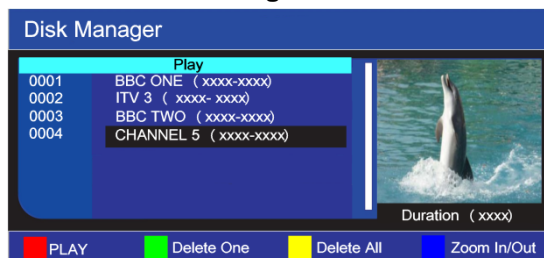


Fig 49



## 17. Wall Mounting

To mount the TV on a wall you need to purchase a bracket to fit 100 x 100mm centres.

Remove the screws as shown below (Fig 50).

Lift the base from the TV.

To keep the screws safe you may refit to the TV

Mount the wall bracket as described by the manufacturer.

Mount the TV to the wall bracket using 4 x M4 x 10 mm set screws. (Do NOT use longer screws as the internal parts of the TV may be damaged).

Akura Ltd accepts no responsibility for any damage, caused to or by, incorrect mounting of the wall bracket.

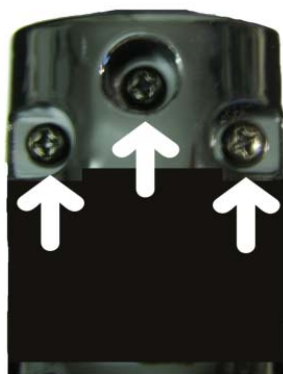


Fig 50



## 18. Specifications.

ITEM	DESCRIPTION
Power Requirements	12V DC 2.5A (30W nominal)
Standby Power	<1W
Visible Screen Size	23.54" (59.7cm) diagonal
Case dimensions	572 x 400 x 170mm inc base
Net Weight	4.85 Kg's
Colour Systems	PAL, SECAM
Sound Systems (analog )	BG, I, DK, L
Audio Output	2 W per channel
Tuning	Analog. Band 1, Band 3, UHF Digital UHF
Inputs	Scart, HDMI, VGA, CVBS, Y,Pb,Pr (component),L/R audio. PC Audio. USB
Outputs	Scart . Headphones.
OSD Language	English
Audio	Nicam stereo/Mono (Analog)
Wall Mounting	Adjustable 100mm x 100 mm (M4 x 10mm)
Remote Control	Infra Red
Remote Control batteries	2 x "AAA" cells
TV Master Password	8888

Technical Specifications are subject to change without notice. Errors and omissions are exempted

### Flat Panel Screen

Although the Flat Panel screen is made with high precision technology and 99.9% or more of the pixels are effective, dots may appear. These can be black or bright dots (red, green or blue) and may appear constantly on the Flat Panel screen. This is a structural property of the Flat Panel and is not a malfunction.

## 19. Trouble shooting guide.

Should you experience difficulties operating this product please consult the guide below before calling the Customer Help Line.

SYMPTOM	POSSIBLE CAUSE	REMEDY
Dead. No led lit	Power not connected to TV	Check power lead and mains supply connections and supply to the TV is turned On
No Picture. Led lit Red	TV in standby.	Press Power button on TV or Power button on remote control.
No picture. Dark screen Led lit Green	Backlight faulty	Call customer help line.
No picture. Blue screen. No signal displayed	Incorrect input settings	Ensure the input selected has an input connected to it and is turned on. Check the settings of the "Source" and consult the User Guide of the apparatus.
	Aerial not connected	Ensure aerial is connected
	TV not tuned in Incorrect input selected.	Follow instructions from page 9
TV Picture noisy and ghosting (Analog)	Poor aerial signal	Have aerial signal checked. If indoor aerial it may need an outdoor aerial.
TV Picture freezing and breaking up (Digital).	Poor aerial signal	Have aerial signal checked. If indoor aerial it may need an outdoor aerial.
Teletext freezing or breaking up	Poor aerial signal	Have aerial signal checked. If indoor aerial it may need an outdoor aerial.
Digital Signals missing	Poor aerial signal	Have aerial signal checked. If indoor aerial it may need an outdoor aerial.
Bright dots or Dark dots	Pixel damage	This is not uncommon. It is not covered by warranty
Lost password		8888
<b>PC OPERATION</b>		
No picture. Blue screen. No signal displayed	No connection from PC to TV.	Check all connections carefully
	PC resolution incorrectly set	Enter Display setup of PC and set resolution to 800x600. Increase in steps until the required resolution is selected
<b>PVR OPERATION</b>		
Not recording or Time Shifting	Drive or Memory not formatted	Enter the Main menu, select PVR File system and Format the medium.
Drive not detected by the TV	USB connection incorrect.	Ensure the Medium is DIRECTLY connected to the TV, not via an extension lead.
<b>REMOTE CONTROL</b>		
No or intermittent operation	Exhausted batteries	Replace batteries every six months or when required

If you are still having difficulty please call the Technical help line. Ring 0845 293 7698 (Normal rates apply).  
 Opening hours Mon-Fri 8 am – 8pm. Sat 9 am – 4pm. Sun 11am – 4pm "Bank holidays as Sun"  
 Or try our website :- [www.ekey.co.uk](http://www.ekey.co.uk) (24Hr) Emails should be responded to within 3 - 4 hours should the consumer have difficulty getting through.