

# akura

**Model : APL2021W - HDID**

**20" Digital LCD TV**

**with DVBt "Freeview" HDMI**



## **USER'S MANUAL**

**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE



**DVB®**

**Customer Helpline: 01422 26 33 13**

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

## **LCD Screen**

**Although the LCD 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 LCD screen. This is a structural property of the LCD panel and is not a malfunction.**

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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 OR LASER RADIATION 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 and access for the DVD player opening..



**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.



**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.



**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

## **DIGITAL SWITCH OVER AND YOUR TV.**

### **WHAT YOU NEED TO DO TO ENJOY WATCHING TV DURING AND FOLLOWING DIGITAL SWITCHOVER.**

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 loosing some or all of your TV services during and following switchover.

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

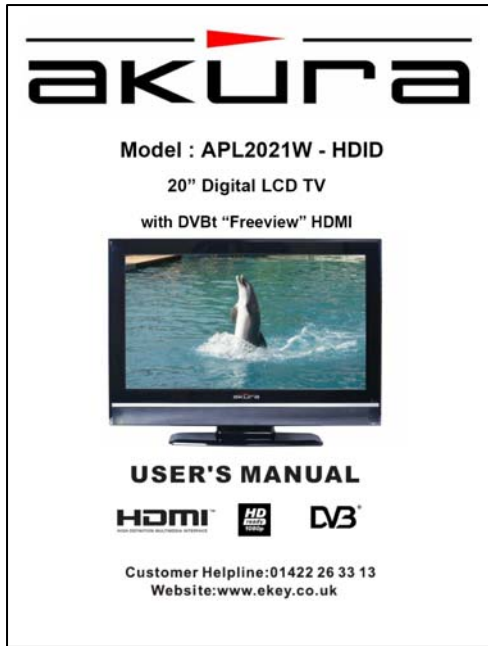
Do NOT use “ADD” channels, you MUST “RESET” and allow a complete retune. (See page 12)

For more information please contact the “Customer Help Line” (Page 17) or visit [www.digitaluk.co.uk](http://www.digitaluk.co.uk)

### 3. Accessories

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

#### User Manual



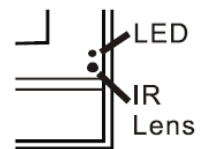
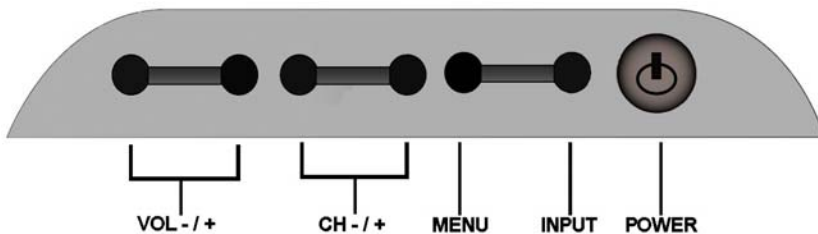
#### Remote Control



AC/DC Adaptor

Mains lead

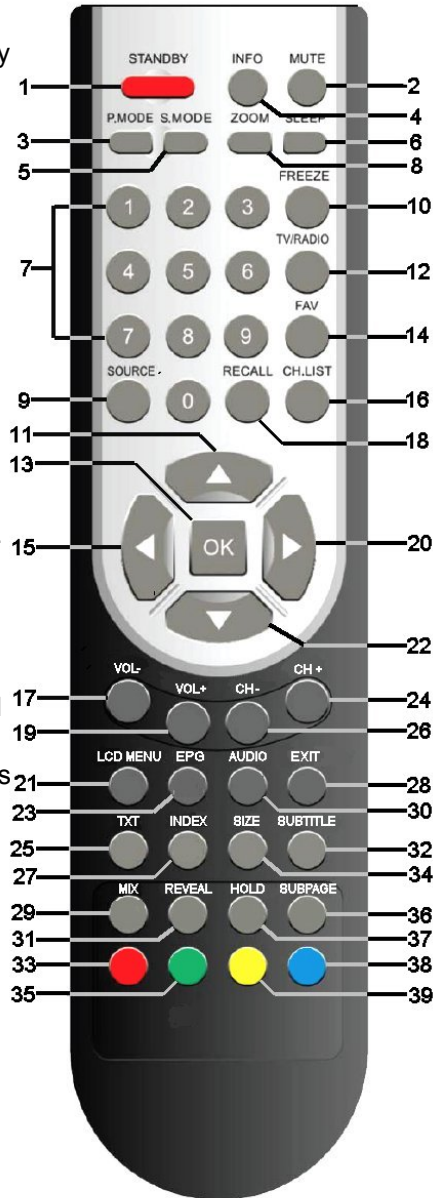
### 4. User Controls.



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

## 5. Remote Control.

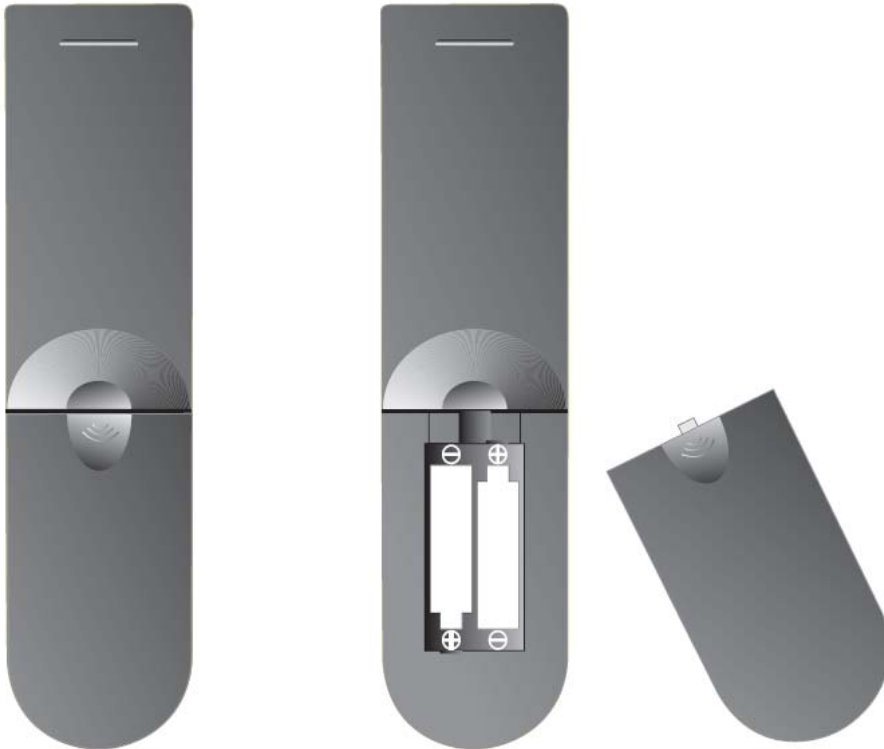
1. **STANDBY**. Switches TV to Standby and Operation.
3. **P MODE**. Selects picture modes.
5. **S MODE**. Selects sound modes.
7. **0-9**. Numeric buttons for direct channel selection or track/chapter numbers.
9. **SOURCE**. Selects various input modes.
11. **UP**. Navigation button
13. **OK**. Confirmation button.
15. **LEFT**. Navigation button.
17. **VOL -**. Volume down button.
19. **VOL +**. Volume up button.
21. **LCD MENU**. Enters Setup menus.
23. **EPG**. Selects Electronic Programme Guide..
25. **TXT**. Selects Teletext.
27. **INDEX**. Selects Text index.
29. **MIX**. Shows picture in background of Text.
31. **REVEAL**. Reveals hidden answers in Text quiz pages.
33. **RED**. Red fast text mode.
35. **GREEN**. Green fast text mode.
37. **HOLD**. HOLD freezes text pages.
39. **YELLOW**. Yellow fast text mode.



2. **INFO**. Displays TV settings and channel being viewed.
4. **MUTE**. Press to mute sound, press again to restore sound.
6. **SLEEP**. Sets sleep timer, sets from 3 hrs to 10 minutes.
8. **ZOOM**. Selects picture sizes and aspect ratios.
10. **FREEZE**. Freezes picture. Press again to restore normal viewing.
12. **TV/RADIO**. Selects TV or Radio in DVBT mode.
14. **FAV**. Displays Favourite program listing.
16. **CH LIST**. Displays list of all received channels.
18. **RECALL**. Recalls previous channel viewed.
20. **RIGHT**. Navigation button.
22. **DOWN**. Navigation button.
24. **CH+**. Channel UP select.
26. **CH-**. Channel DOWN select.
28. **EXIT**. Exits setup menus
30. **AUDIO**. Switches between Nicam and Mono in Analog TV mode. In DVBT mode selects different soundtracks if transmitted.
32. **SUBTITLE**. Displays subtitles in Analog, and DVBT modes
34. **SIZE**. Changes Text size in Analog text mode.
36. **SUBPAGE**. Subpage selects subpage numbers in text mode.
38. **BLUE**. Blue fast text mode.

## 5. Remote Control.

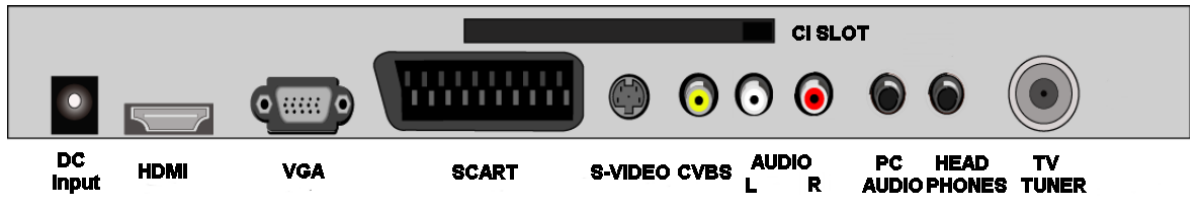
1. Open the battery cover
2. Fit two “AAA” batteries (Not supplied). Ensure the battery polarities are correct i.e + to + and – to -.
3. Replace the battery cover  
**To prevent injury, do NOT break open or throw exhausted batteries in a fire. Do not place in the domestic waste, consult your local waste disposal company.**  
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.
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





## 6. Connections.

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



**DC INPUT.** +12V DC 3.3A max.

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

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

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

**S-VIDEO.** Suitable for camcorder input.

**CVBS.** Low quality video input (1vPP 75  $\Omega$ )

**AUDIO L/R.** Low level audio inputs used in conjunction with CVBS input.

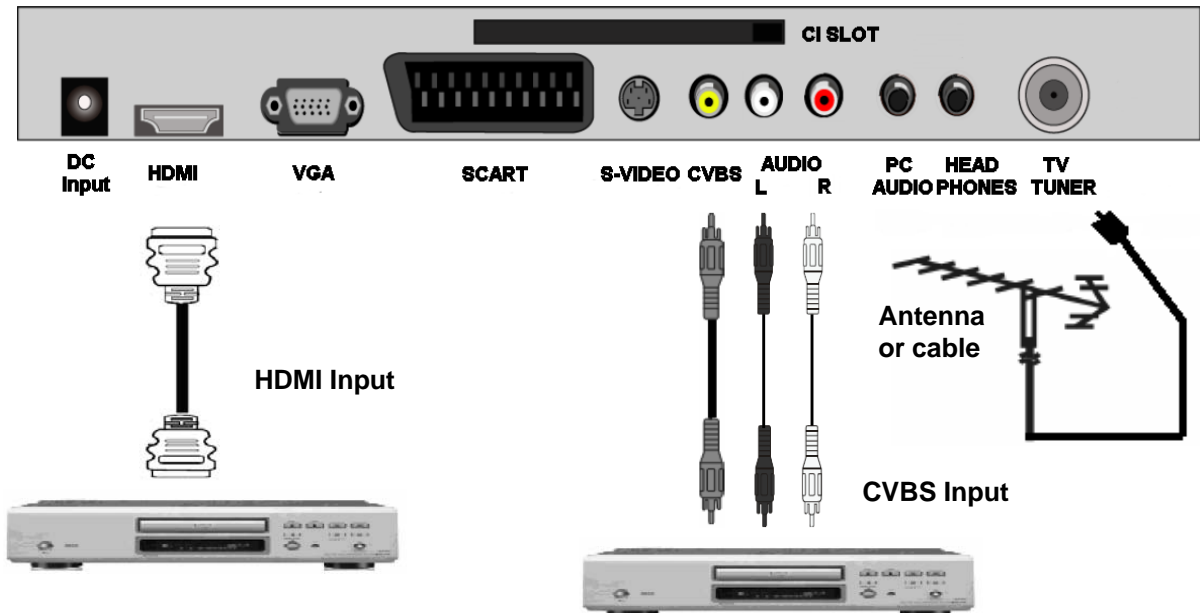
**PC AUDIO.** Stereo audio input from PC (Used in conjunction with VGA input).

**HEAD PHONES.** Stereo output to headphones only.

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

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

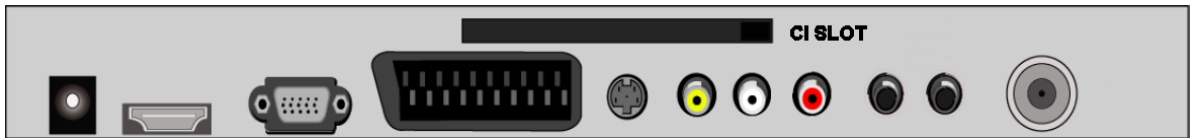
### Typical connections



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

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

## 6. Connections.



**DC Input**

**HDMI**

**VGA**

**SCART**

**S-VIDEO CVBS**

**AUDIO L R**

**PC HEAD AUDIOPHONES**

**TV TUNER**

### Mains Adaptor.

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



### PC connections.

Disconnect TV from mains adaptor.  
Connect VGA (15 pin) plug to TV and PC.  
Connect stereo audio lead.  
Connect supply to TV and PC.  
Use **SOURCE** button to select VGA.



### Headphones.

Disconnect TV from mains adaptor.  
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.



**DC Input**

**HDMI**

**VGA**

**SCART**

**S-VIDEO CVBS**

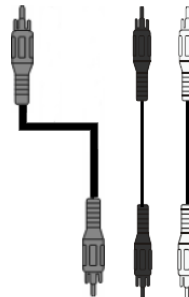
**AUDIO L R**

**PC HEAD AUDIOPHONES**

**TV TUNER**

### SCART.

Disconnect TV from mains adaptor.  
Connect scart lead to TV and appliance.  
Connect adaptor to TV and power to appliance.  
Use **SOURCE** to select SCART.  
In some circumstances the TV will automatically select scart when the appliance is used.



### S-VIDEO.

Disconnect TV from mains adaptor.  
Connect S-VIDEO lead and Audio L/R leads to TV and appliance.  
Connect adaptor to TV and power to appliance.  
Use **SOURCE** to select S-VIDEO.

## 7. Menu Operation.

Connect the TV/DVD 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 right 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.

### Basic Tuning

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

Using the ▲/▼ buttons select "AUTOTUNING" and press OK.

Menu Fig 2 will be displayed. If you are in another country other than UK, use the ►/◀ buttons to select the correct country, otherwise press ▼ to select START and press OK.

Menu fig 3 will be displayed and when tuning is complete the TV will display the first channel (BBC1) in DVBt mode. All received channels will be stored, both Analog and Digital.

Fig 1



Fig 2



Fig 3



## 7. Menu Operation.

### OSD Menu.

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

To select the other menu's press the ► button and the menu's will rotate in the sequence :- Picture, Sound, Time, Setup, Lock, TV Setting.

To enter each menu press the ▼ button.

### Picture Menu. (Fig 5).

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.

Dynamic is set as a vibrant picture.

Standard is set as the average picture setting.

Soft is set as a easy viewing setting.

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

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

**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

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

**Aspect Ratio.** Allows selection of screen sizes, this is the same function as ZOOM on the remote control.

**Noise Reduction.** If the picture is noisy you may reduce the noise, but may affect picture clarity.

### PC Mode. (Fig 6).

The picture settings are different for PC Mode.

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

**H-Offset.** Adjusts the picture horizontally.

**V-Offset.** Adjusts the picture vertically.

**Size.** Adjusts the height.

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

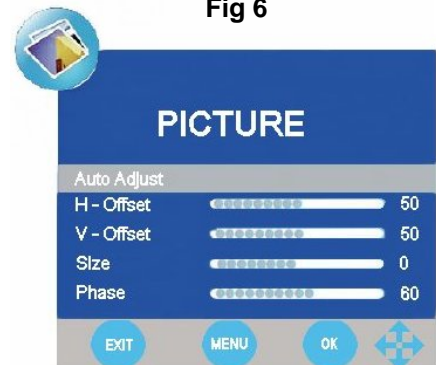
Fig 4



Fig 5



Fig 6



## 7. Menu Operation.

### Sound. (Fig 7)

**Sound Mode.** Select from :- Standard, Music, Movie, Sports and Personal.

**Standard.** Used for general viewing.

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

**Movie.** A more dynamic setting suitable for movie viewing.

**Sports.** Suitable for sports viewing.

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

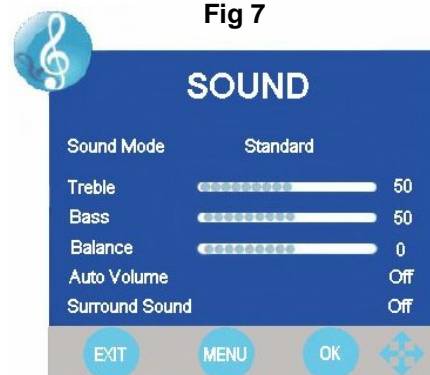
**Treble.** Adjusts higher register frequencies.

**Bass.** Adjusts lower register frequencies.

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

**Auto Volume.** When selected, this feature averages the sound levels, as when adverts are shown the volume level is maintained.

**Surround Sound.** Select when viewing Movies or Sport for a more "Live" feel. Not recommended for general viewing.



### Time. (Fig 8).

**Clock.** Once the TV is tuned to a DVBt signal the clock time is automatically set.

**Sleep Time.** This may be set as follows :- Off, 10 min, 20 min, 30 min, 60 min, 90 min, 120 min, 180 min, 240 min, Off.

**Time Zone.** The clock is able to be set to different world time zones, select the time zone to suit.



### Setup (Fig 9).

**Language.** English only available.

**Country.** UK. This is set in the Tuning Menu (Auto Tuning).

**Hearing Impaired. (Digital TV only).** Sets Subtitles when transmitted

**Restore Factory Default.** Restores all factory settings. The password is required for this feature (0000).



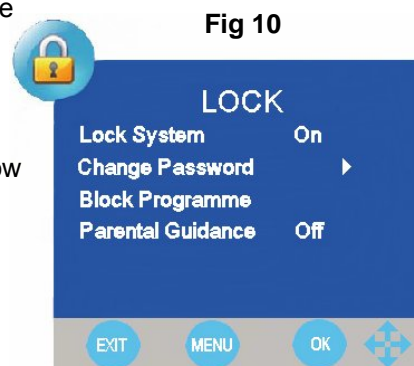
### Lock. (Fig 10).

**Lock System.** When this is selected you will be required to enter the password. If this feature is selected all functions in the TV Setting menu are locked.

**Change Password.** Enter a new 4 digit number and then enter again to confirm. You MUST ensure this number is kept safe.

**Block Program.** When this is selected a list of programmes is displayed, use the ▲/▼ to select the programme you wish to lock and press the Green button. A lock will be displayed by that station. You may lock as many programmes as you wish. To unlock re select the channel and press the Green button, the lock will be removed. Each time a locked station is requested you will be asked for the password. Entering the password will allow that station to be viewed.

**Parental Guidance.** (DVBt only). You may set the parental guidance level from :- OFF to 18. Thus if a selected station has unsuitable material, a password will be required.





## 7. Menu Operation.

### TV Setting. (Fig 11).

**Auto Tuning.** After initial installation it may be necessary to re install all the stations. Select Auto Tuning and press OK. The sub menu (Fig 12) will be shown. If using in the UK select Start with the ▼ button and press OK. If using in another country, select the country using the ►/◀ buttons then select Start.

The TV will now tune the entire TV spectrum (see Fig 3).

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

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 15.

As the number of areas in the UK switch to “Digital only” and “Analog” stations are turned off, there is a possibility of the TV storing stations that may not be the “Primary” station, this normally is shown by programmes being missing, freezing or breaking up. To ensure you have the correct stations tuned in you may need to refer to DTV Manual Tuning , (see next).

### DTV Manual Tuning. (Fig 13).

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 number 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.

### ATV Manual Tuning. (Fig 14).

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).

Select “Storage to” and use the ►/◀ buttons to select an un used location.

Select “Search” and press the ► or ◀ buttons. The TV will now search for the TV game.

When found, and is satisfactory, press RED to SAVE.

Fig 11



Fig 12



Fig 13

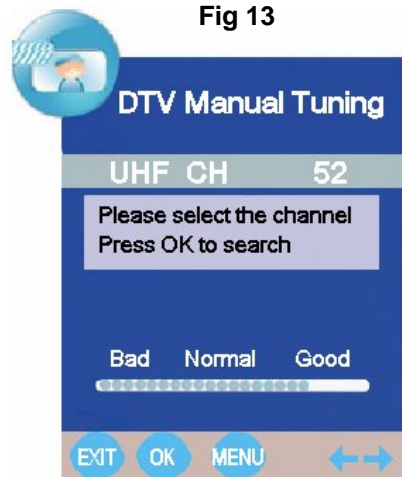


Fig 14



## 7. Menu Operation.

### Programme Edit. (Analog) (Fig 15).

**Delete “Red”** Should it be necessary to Delete a station, use the cursors to select the station to be deleted. Press the RED button, this will put a RED marker next to the station to be deleted, press RED again and the station will be deleted, to exit delete press the Menu button. Note :- Any deleted station is removed from the memory and must be retuned if required.

**Rename. “Green”.** To rename any channel, select the channel to be renamed using the cursor buttons. Press the GREEN button. Using the ►/◀ buttons, select the letter or digit to be changed, using the ▲/▼ buttons change the latter to the required one. When the renaming is complete, press Menu to exit.

**Move “Yellow”.** 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 Yellow, move the station to the new location and press OK, this will move the station to the new location. To exit press LCD menu.

**Skip “Blue”.** 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 Blue and a Blue dot will be shown next to the channel selected. To remove the skip function, press the Blue button again.

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

**Fav.** To add channels to your Favourite library, use the cursor buttons to select the channel you wish to add. Press the FAV button. A “FAV” logo will be shown at the side of the selected channel. To remove the channel from the Favourite library, simply press the FAV button again.

### Programme Edit. (Digital) (Fig 16).

**Delete “Red”** Should it be necessary to Delete a station, use the cursors to select the station to be deleted. Press the RED button, this will put a RED marker next to the station to be deleted, press RED again and the station will be deleted, to exit delete press the Menu button. Note :- Any deleted station is removed from the memory and must be retuned if required.

**Move “Yellow”.** 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 Yellow, move the station to the new location and press OK, this will move the station to the new location. To exit press LCD Menu

**Skip “Blue”.** 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 Blue and a Blue dot will be shown next to the channel selected. To remove the skip function, press the Blue button again.

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

Fig 15

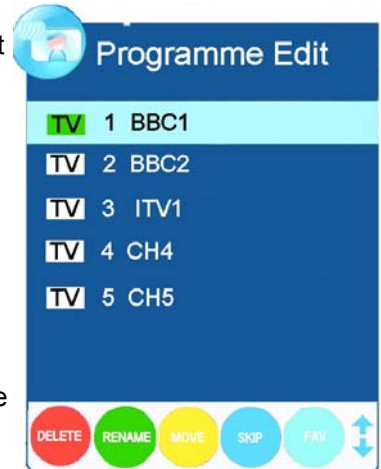


Fig 16



## 7. Menu Operation.

### 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 specification label facing the rear of the TV (Fig 17). A positive stop should be felt if correctly fitted. DO NOT force the module.

To release the CAM push the button adjacent to the card and slide the module away from the TV.

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 TV Setting menu. Select CI Information and press ►.

If everything is working ok you will see (Fig 18). Use the cursor buttons to select Module Information and press OK. If things are working Ok you should see the information as in Fig 19.

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 20. 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 17



Fig 18

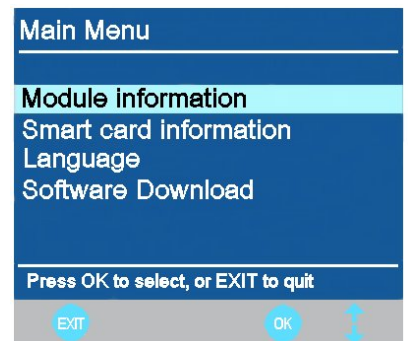


Fig 19

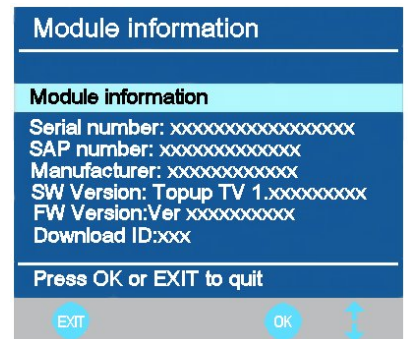
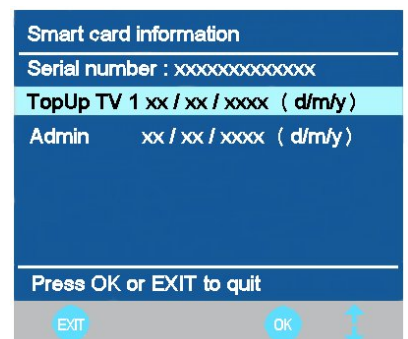


Fig 20





## 8. 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.

Fig 21

## 8. Teletext. (Digital) TV (Fig 21)

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.



The screenshot shows a digital teletext menu. At the top left is the BBC logo, and at the top right is a rounded rectangle containing the number 100. Below the logo is the date 'Thursday 25 Sep'. The main part of the screen is a list of categories with their corresponding page numbers. The 'News' category is highlighted in red. At the bottom of the screen, there is a dark bar with the text 'To exit press TEXT'.

News	102
Entertainment	500
Weather	400
Regional News	160
CBeebies	590
LazyTown	
Sports Home	300
INDEX	199

## 9. EPG (Electronic Programme Guide) (DVBt only).

Fig 22

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 22)

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

To access any programme highlight and press OK

For more information about a programme press INFO.

To see programmes for the next day or further, press the Yellow button and use the ►/◀ buttons to increment the date.

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

To exit the EPG, press the EPG button again.



## 10. Wall Mounting

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

Remove the screws as shown below (Fig 23).

Slide the base from the TV.

Mount the wall bracket as described by the manufacturer.

Mount the TV to the wall bracket using **4 x 4 mm 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 23



## 11. 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 adaptor connections
No Picture. Led lit Red	TV in standby.	Press Power button on TV or Standby 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 setting	Ensure the input selected has an input connected to it and is turned on.
	Aerial not connected	Ensure aerial is connected
	TV not tuned in	Follow instructions on page 12/13
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
	<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
Poor PC Picture	TV not matched to PC	See page 11 and enter setup menu
	<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 01422 263313 (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.

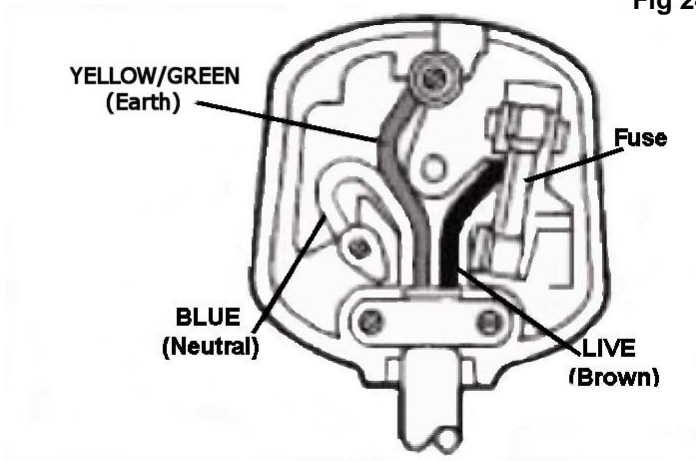
## 15. Specifications.

ITEM	DESCRIPTION
Power Requirements TV	12V DC @ 3.3 A Max (40W)
Standby Power	2W
Mains Adaptor	100-240V AC 50/60 Hz 1.3A Output 12V 5A DC
Screen Size	20" (51cm) diagonal
Case dimensions	520mm x 420mm x 190mm inc base
Weight	5.3 Kg's
Mains adaptor weight	0.46 Kg,s inc Mains lead
Screen resolution	1366 x 768 pixels
Viewing angle	V 140° H 125°
Colour Systems	PAL, SECAM
Sound Systems	BG, I, DK, L
Audio Output	2W per channel
Tuning	Analog. Band 1, Band 3, UHF Digital UHF
Inputs	Scart, HDMI, VGA, CVBS,S-Video, L/R audio .PC Audio.
Outputs	Scart, Headphones.
OSD Language	English
Audio	Nicam stereo/Mono (Analog)
Wall Mounting	Vesa Standard (100 x 100mm)
Remote Control	Infra Red
Remote Control batteries	2 x "AAA" cells

Specifications may be changed without notice  
.Firmware version MSD106

## 16. Mains Plug Wiring Diagram

Fig 24



If it becomes necessary to replace the Mains Plug, it should be wired in accordance with the diagram as in Fig 24.

The Brown wire (Live) should be connected to the terminal (L)

The Blue wire (Neutral) should be connected to the terminal (N)

The Green/Yellow wire (Earth) should be connected to the terminal (E).

This TV Mains adaptor is a “CLASS 1” apparatus and **MUST** be earthed