akura
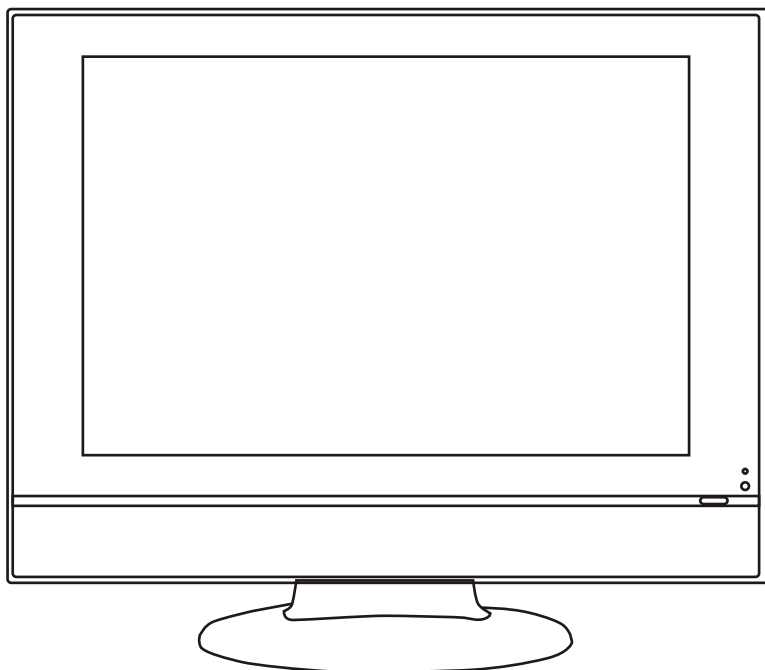
15"WIDE SCREEN LCD TV/DVB Freeview
INSTRUCTION MANUAL

ATL1510W-ID

CUSTOMER HELP LINE 01422 203676

Contents

Safety Information

Before using your TV, please read these instructions completely, and keep this manual for future reference.
Carefully observe and comply all warnings, cautions and instructions placed on the unit or described in the operating instructions or service manual.

The lightening 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

1. THIS LABEL IS ATTACHED TO THE PLACE AS ILLUSTRATED TO INFORM THAT THE APPARATUS CONTAINS A LASER COMPONENT.
2. THE WARNING LABEL INFORMING OF RADIATION IS PLACED INSIDE THEn UNIT. AS SHOWN IN THE ILLUSTRATION. TO WARN AGAINST FURTHER MEASURES ON THE UNIT. THE EQUIPMENT CONTAINS A LASER RADIATING LASER RAYS ACCORDING THE LIMIT OF LASER PRODUCT OF CLASS

LASER RADIATION

This unit complines with European safety and electrical interference directives.

Safety Information cont.

|	
⚠	Do not place the TV on an unstable surface, it may tip over and cause injury or damage to the LCD screen.
⚠	Do not place the TV in a cabinet where airflow is restricted, ensure the ventilation holes are not covered to prevent overheating. Do NOT cover the DC mains adaptor, this will feel warm to the touch and must be allowed to radiate the heat.
⚠	Do not use the TV in wet or damp conditions, if water or liquids are allowed to enter the case, disconnect the power and call the Technical Help line. Do not handle the TV or Power adaptor with wet hands.
⚠	During an Electrical storm or when going on holiday, disconnect from the mains supply and aerial (if external or rooftop).
⚠	Do not place heavy objects on the mains lead or DC supply lead, do not place where they can be stepped on, cut or damaged. If the leads do become damaged please call the Technical Help Line for advice.
⚠	Do not drop or damage the TV. If the casing becomes damaged it may cause a safety issue, Do not open the case or Power adaptor, you risk a severe electric shock, injury or death. Do not drop objects into the TV ventilation slots or DVD disc slot. Should an object enter the TV, contact the Technical Help Line for advice.
⚠	Do not place the TV near heat sources such as radiators or direct sunlight
⚠	Cleaning the TV. Disconnect from the supply before cleaning. Do NOT use petrol based or chemical cleaning fluids. You may wipe with a soft damp cloth. For stubborn sticky dirt use a dilute detergent solution..
⚠	LCD Screen. Do NOT use chemical solvents on the screen surface, sticky finger marks must only be removed with a dilute detergent solution. Occasionally one or two bright dots may be seen on the screen, this is not considered a fault.

1. Product Features

- Inputs : Tuner, Scart, VGA, CVBS (video), Audio, PC Audio
- TV Systems : PAL (B/G,I,D/K). SECAM (B/G,D/K,L) for UK use PAL "I".
- Freeview (Digital) and Analog Tuners.
- Memory. Up to 200 channels may be stored
- No Signal (TV) Auto standby.
- Timer functions
- Programme exchange (swap)
- Power requirements (DC 12V 3. 33 A (40W).
- LCD Screen 1280 x 800 pixels
- Tuning Range VHF / UHF 48 Mhz 847 Mhz

2. Accessories
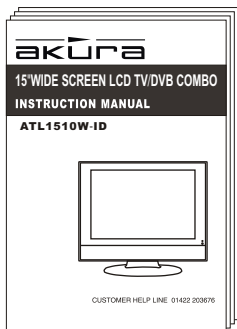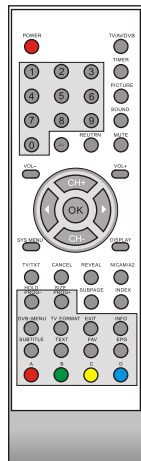
Users' Manual   Remote Control   Adapter   Adapter Cable
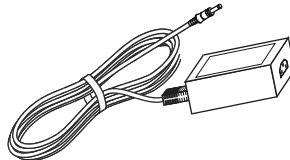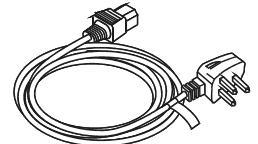
3. Front View

Led Indicator

Power

Remote control window
（keep clear）
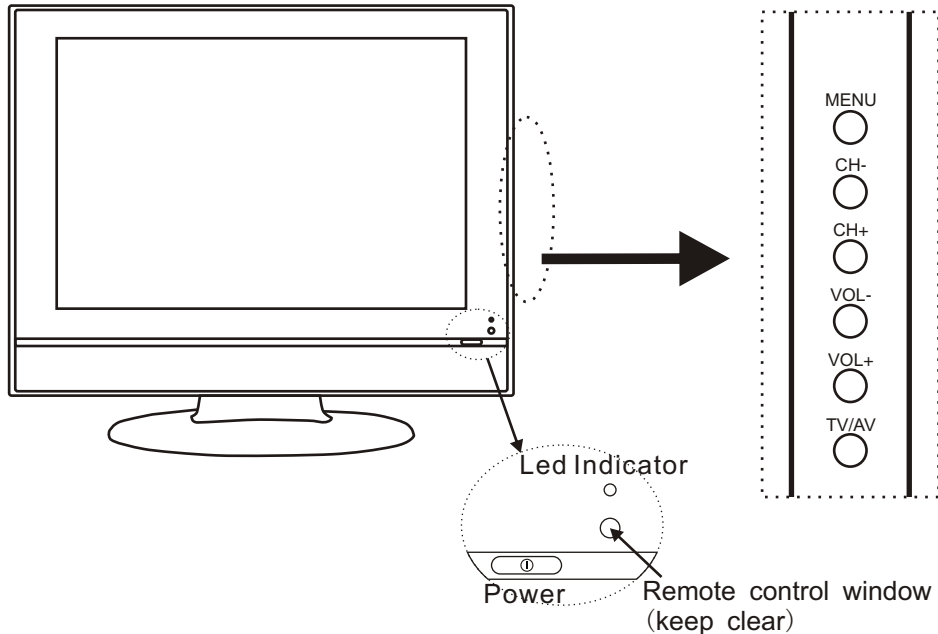
1（IR）Infrared Receiver：Receives IR signals from the remote control.
　（Power on／Standby）LED Indicator：Press **POWER** to turn on and off.

　　　　　　　　　Indicator on（Red）　　　　Standby mode
　　　　　　　　　Indicator on（Green）　　　Power on mode

The effective range of the I/R signal is approx 3 metres and an angle of +/- 30 deg.

2 The functions of the buttons are described as below:

MENU: Press to display the OSD menu, Press again to exit the menu.

CH-/**CH**+: Press to scan through channels. When pressing and holding down either button
　　user can scan channels quickly.

　　They are also can be used to move down/up in the OSD menu screen.

VOL-/**VOL**+: Press to adjust the volume.

　　they are also can be used to move left/right in the OSD menu screen.

　　VOL+ button can be used to skip forward to next menu.

TV/**AV**: Press to select the source: TV,AV,DVB,PC,SCART

Power: Turn on/off the TV set.

4. Rear View
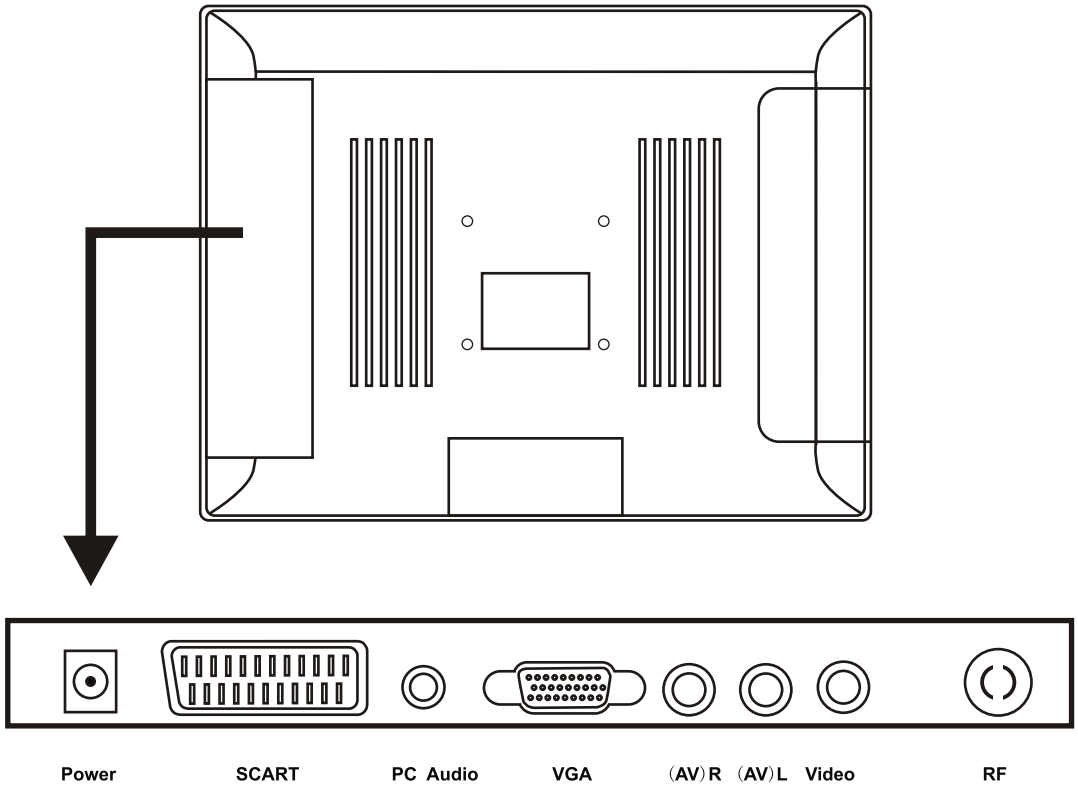
Power : Connection to Power adaptor.

SCART : Composite video and Audio input from VCR or other devices.

PC Audio : Audio connection from PC.

VGA : PC Monitor display input. Connect to your Pc Mini D15 pin connector.

AV-R,AV-L (Phono): Right and Left Audio input from other sources such as Camcorder.

Video : CVBS video input from other sources such as Camcorder.

RF : Tuner / Antenna RF input.

5. Remote control
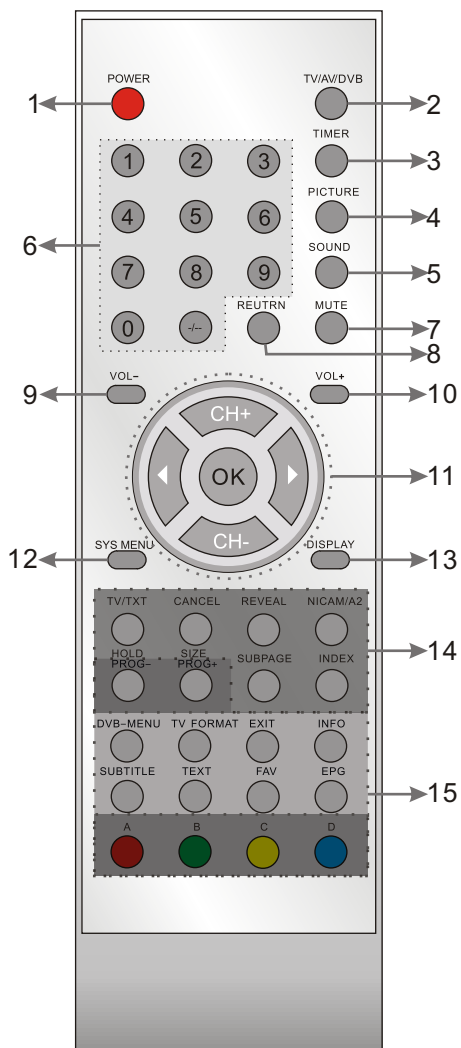
1. **POWER**: turn on or off the TV.
2. **TV/AV/DVB**: input source select.
3. **TIMER**: shutdown timer.
4. **PICTURE**: select the picture mode:
          User,Normal, Soft or Vivid.
5. **SOUND**: select the sound mode:
          User, Normal, News and Movie.
6. **11**. **0**-**9**,-/--: choose channel directly.
          Number buttons for DVB.
7. **MUTE**: silence.
8. **RETURN**: go back to play the last channel.
9/10. **VOL**+/-: adjust the volume.
11. **CH**+/-: scan through channels.
    CH+/-,**cursor left/right**:
          Cursor buttons in TV menu.
    OK: **CONFIRM BUTTON** for OSD menu.
12. **SYS**-**MENU**: TV system setup menu.
13. **DISPLAY**: display current mode
          (be used in DVD or TV mode).
14. **Buttons for Teletext**(see next page)
15. **Buttons for DVB**(see next page)
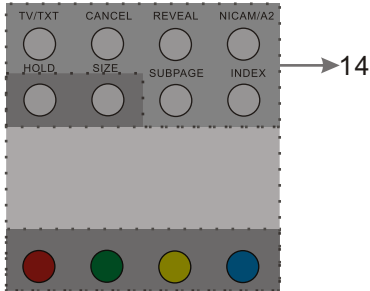
14.Buttons for Teletext

TV/**TXT**: turn off/on Teletext.

CANCEL: cancel Teletext.

REVEAL: reveal any hidden text.

NICAM/**A2**: NICAM.

HOLD: hold or carry on the current subpage.

SIZE: press to see top half of page double size.
Press again to see the bottom half of page
double size.

Press again for normal size.

SUBPAGE: press to subpage, again to cancel.

INDEX: go to index.

Colour buttons: short cuts-follow the coloured
links in the text.
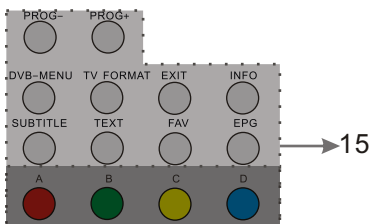
15.Buttons for DVB functions

PROG+/-: DVB Program+/-.

DVB-**MENU**: to display the main menu on the screen or
return to the screen from a menu screen.

TV FORMAT: to change aspect screen ratio 4:3,16:9.

EXIT: to return to the previous menu and screen.

INFO: means information. To display brief information
concerning the current channel you are viewing.

SUBTITLE: to switch the dialogue at the bottom of
the screen.

TEXT: to view the teletext broadcasting program.

FAV: means favorite. To display the favorite channel list
defined by you.

EPG: to show the electronic program guide during
no-menu state only.

A B C D: this keys are effective only combining with
MHEG5 and extended EPG schedule MHEG5
applications.

11. **CH**+/-,**Cursor buttons**: Cursor buttons used in menu.
   OK: **CONFIRM BUTTON**.

Analog

1.Connect the Power adaptor to the DC input socket and the Aerial lead to the TV Tuner input.
2.To turn ON, press the "Power Button".
3.Press the **TV/AV** button on the TV or Remote Control, the source menu will display on the screen（see picture right）. Use the **CH+/-** buttons to select the source, press **CURSOR RIGHT** button to confirm.
4.Press the **MENU** button on the TV or the **MENU** button on the remote control, the screen will display the OSD menu, press the **CH+/-** button to select the third menu Channel (see picture below)press the **CURSOR RIGHT** button to enter the menu, press **CH+/-** buttons to select the item"Auto Tune".

| TV |
| AV |
| DVB |
| SCART |
| PC |

Press the **CURSOR RIGHT** button, the TV will start to search from the lowest frequency upwards. When a station is found it will be stored automatically in the "First" location, further received stations will be stored in order. When Auto Tune is completed the TV will display the first station received. In most cases the stations stored will not be in Channel Order i.e. BBC1 will not be in Location "1". To move the stations into the correct locations you will need to use "Channel Swap" see page 12.

Note when Auto Tune starts, to stop it press **MENU**, otherwise leave to complete the search.

```
                                           Channel

        [▦]   Auto  Tune                              ▶
        [▦]   Manual  Tune         [▭▬▬▬▬▬▭]
              Fine  Tune           [▭▬▬▬▬▬▭]
        [CH]  Skip                 ◀       Off      ▶
              Sound. SYS           ◀        I       ▶
        [▦]   Channel  Swap                          ▶

        [▦]

          ◆ Move          ◆▶ Select          ▦ Exit
```
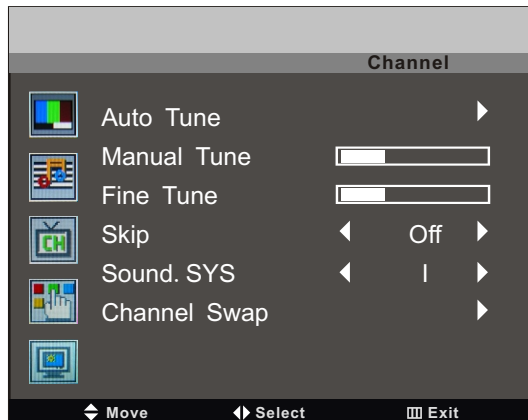
PC

1.Connect the TV to the PC using a 15pin VGA lead (not supplied) and Audio to the PC audio socket
2.Press the **TV/AV** button to display the source menu, use the **CH+/-** buttons to select PC and press **CURSOR RIGHT** button to confirm. The TV will now display the signals from the PC. You may need to adjust the PC to the TV. (See page 13)

DVB operation(see page 14)

7. TV OSD menu

Press the **MENU** button on the remote control, the screen will display the OSD menu,
press the **CH**+/- button to select the main menu(there are five main menu:Picture,Sound,Channel
Function and PC), and press the **CURSOR RIGHT** button to enter the main menu you select,
press **CH**+/- button to select the item of the main menu, press **CURSOR LEFT**/**RIGHT** button to
select, adjust or enter a submenu.

Note Items highlighted in the Menu's may be adjusted. Items "greyed" out are not available.

7. 1 Picture menu

	Picture
Picture Mode	◀ Normal ▶
Brightness	[▭▭▭▭▭]
Contrast	[▭▭▭▭▭]
Saturation	[▭▭▭▭▭]
Sharpness	[▭▭▭▭▭]
Hue	[▭▭▭▭▭]
Scale	◀ FULL ▶

◆ Move   ◀▶ Select   Ⅲ Exit
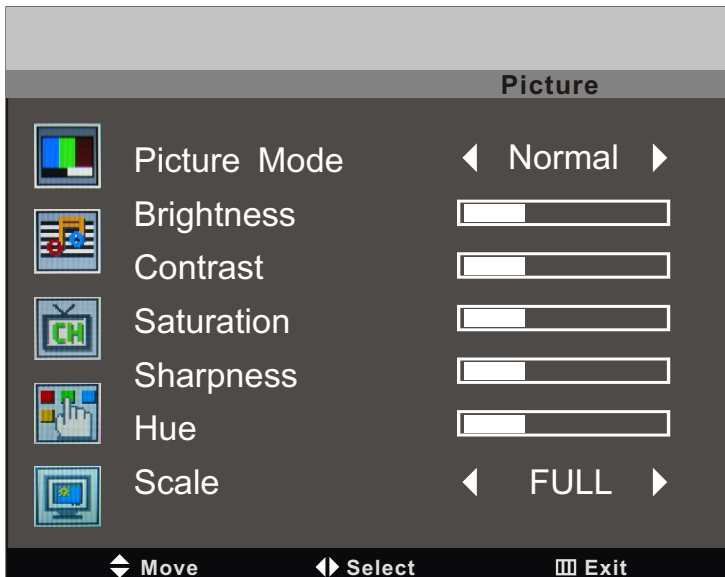
Picture Mode: select the picture display mode----User, Normal, Soft, Vivid.
　　　　　　　You can also use the **PICTURE** button on the remote control to select.
Brightness: adjust the brightness of the picture.
Contrast: adjust the contrast of the picture.
Saturation. Adjusts the Colour depth (contrast)
Sharpness: adjust the sharpness of the picture.
Hue: adjust the hue of the picture(only used in the mode of NTSC).
Scale: exchange the 16:10 and 4:3 picture mode.

Note: when you are in the mode of PC, you can only adjust the brightness and contrast .

7.2 Sound menu

	Sound
Sound Mode	◀ Normal ▶
Volume	▭
Bass	▭
Treble	▭
Balance	▭

◆ Move　　　　**◀▶ Select**　　　　**▥ Exit**
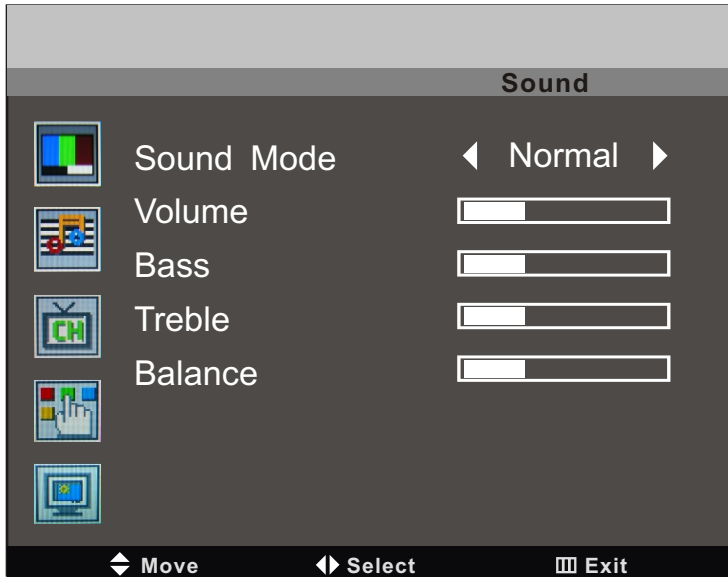
Sound Mode: select the sound mode----User, Normal, Movie, News.

　　　　　　You can also use the **SOUND** button on the remote control to select.

Volume: adjust the volume of the sound.

　　　　You can also use the **VOL**+/- button on the remote control or TV set to adjust the volume.

Bass: adjust the bass of the sound.

Treble: adjust the treble of the sound.

Balance: adjust the balance of the sound.

7. 3 Channel Menu (The menu is only used in TV mode)
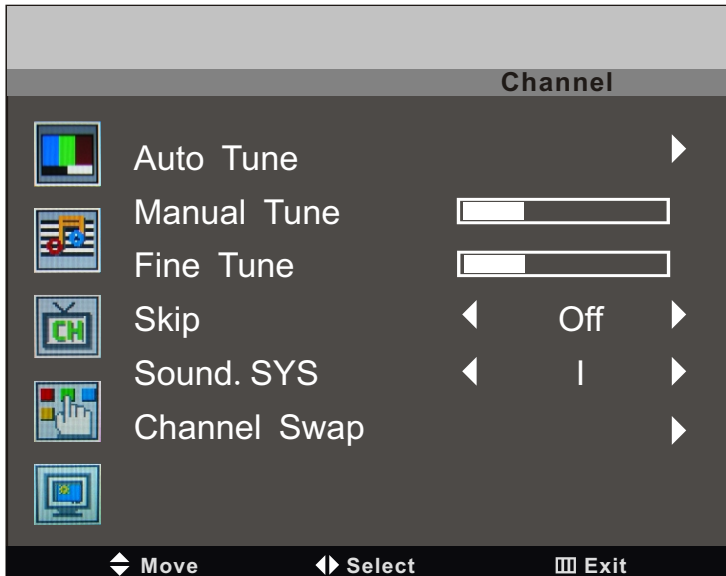
Auto Tune. Press the **CURSOR RIGHT** button, the TV will start to search from the lowest frequency up- wards. When a station is found it will be stored automatically in the "First" location, further received stations will be stored in order. When Auto Tune is completed the TV will display the first station received. In most cases the stations stored will not be in Channel Order i.e. BBC1 will not be in Location "1". To move the stations into the correct locations you will need to use "Channel Swap" see page 12.

Note when Auto Tune starts, to stop it press **MENU**, otherwise leave to complete the search.
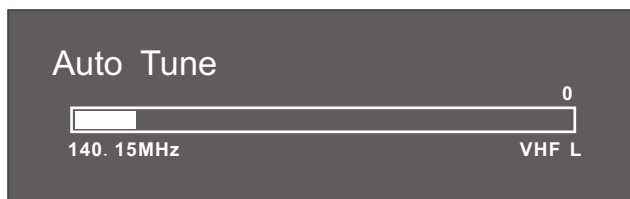
Manual Tune: press **CURSOR LEFT** button to search forwards, and press **CURSOR RIGHT** button to search backwards. When a station found, it will be stored automatically.

Fine Tune : press the **CURSOR LEFT** button to tune upwards and press **CURSOR RIGHT** to tune downwards. (Normally fine tune will not be necessary).

Skip. Some received channels may be unwanted, they may be noisy or weak stations from another area, to remove these from the list select "Skip" . When skip is selected for a particular channel, that channel is "Skipped" when using the **CH+/-** buttons. You may still select using the "Numeric" buttons.

Sound SYS. This is used to select the "sound system" for the particular country or area. In the UK it must be set as "I". In Western Europe use "B/G", Eastern Europe use "D/K", in certain areas of France use "L".

Channel Swap: press the **VOL**+ button to enter the swap menu as the following picture.
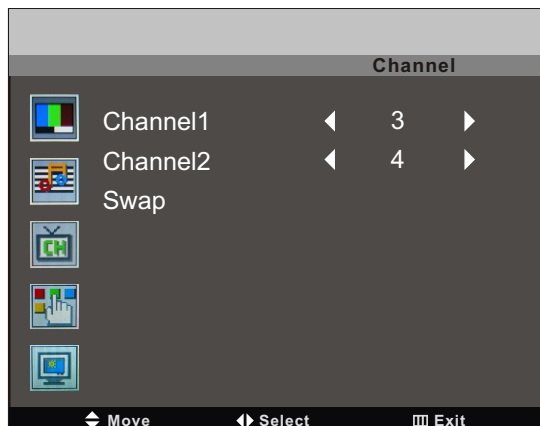
Use the **CH+/-** buttons to select "Channel 1". Use the **CURSOR LEFT**/**RIGHT** buttons to Locate BBC1, "it is useful to have a current copy of a TV guide to hand". Select "Channel 2", use the **CURSOR LEFT**/**RIGHT** buttons to select "1". Then select "Swap" and press **CURSOR RIGHT** to swap the TV will revert to "menu". Press **CURSOR RIGHT** to continue by putting BBC2 in 2, ITV in 3, CH4 in 4 and CH5 in 5. Other channels may be numbered as required.

7. 4 Function menu
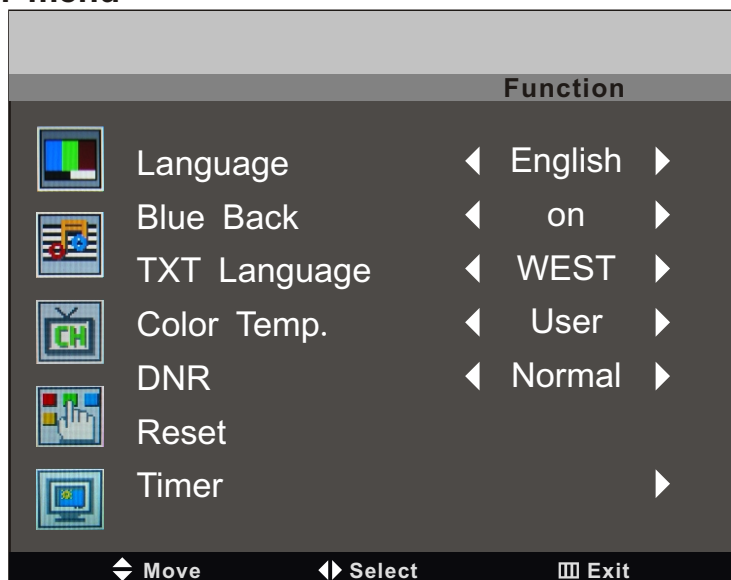
Language: Selects the OSD Language.

Blue Back. Select On or Off, this turns the background to Blue under no signal conditions.

TXT Language. Selects the Teletext language Chose "West" for normal viewing.

Color Temp. Adjusts the colour temperature. You may select Cool, Warm, Normal or User.
   User allows you to set the Red, Green and Blue individually.

DNR:press the **CURSOR LEFT**/**RIGHT** to choose "Normal" or "Strong" to reduce picture interference.

Reset. Select "Reset" and press **CURSOR RIGHT** to reset all analog settings to "Factory Default"

12

Timer: press the **VOL**+ button to enter the timer menu as the following picture.

	Channel
CURRENT	00:00
TURN OFF	_ _:_ _
TURN ON	_ _:_ _
TURN ON PROGRAM	1

‡ Move   ◄► Select   ▥ Exit
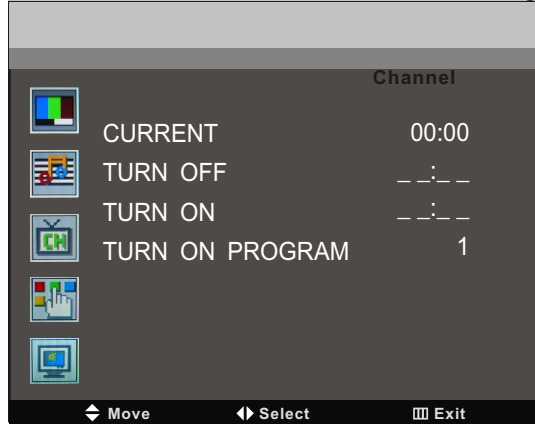
You MUST set the Select Current Time by pressing the **CH+/-** buttons, to select the "HOURS"
press **CURSOR RIGHT** and **CH+/-** to change the time. Press **CURSOR RIGHT** to select
"MINUTES" and **CH+/-** buttons to set the time.
To set the "OFF" and "ON" times Select using the **CH+/CH-** buttons, set the times required as you
did setting the time. If you want the Tv to switch to a particular station select "TURN ON
PROGRAMME" using the **CH+/-** buttons and change using the **CURSOR LEFT**/**RIGHT** buttons,
the TV will then switch at the requested time.

7. 5 PC menu(This menu can only be used in PC Mode)

	PC
Clock	
Phase	
H. Position	
V. Position	
Auto	▶

♦ Move   ◄► Select   ▥ Exit
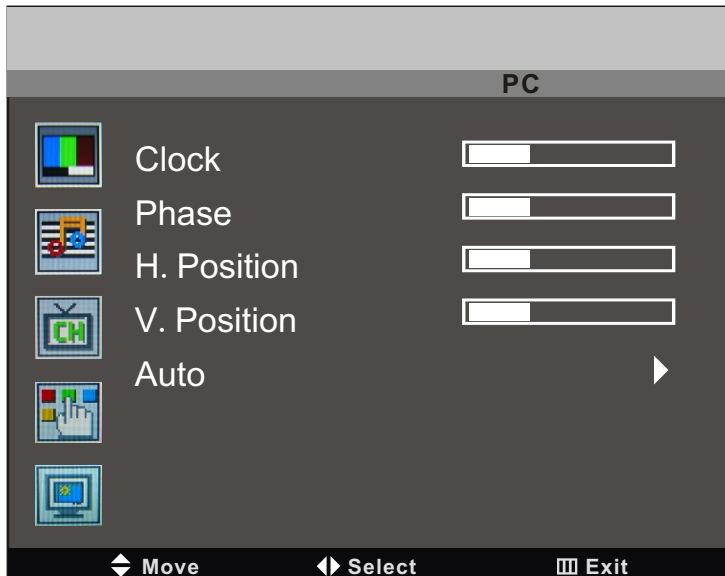
Clock: adjust the pixel clock frequency, until the image size is maximized for the screen.
Phase: adjust the phase of the ADC sampling clock relative to the sync signal, until a stable
image is obtained.
H/V. Position: adjust the transverse/vertical position of the screen.
Auto: press the **CURSOR RIGHT** button to setup the parameter of the screen automatically.

8. DVB Main Features

1. Full access to all Freeview channels
2. MHEG5 support
3. UHF Tuning
4. Subtitles available
5. 7 day Electronic Program Guide
6. Now and next Electronic Program Guide (EPG)
7. Fast channel search
8. Favourite Channels Collection Edit
9. Favourite channel function
10. Variable aspect ratio (4:3, 16:9)

9. DVB Getting Started

1. Switching On

The *First Time Installation* menu appears. Press **CURSOR LEFT/RIGHT** to choose either *NORMAL 4:3* or *WIDESCREEN 16:9.*

Press **OK** button to start installation.
The following message is displayed.
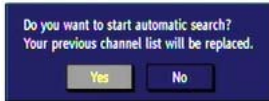
Press the **CURSOR LEFT/RIGHT** to highlight *YES* and then press **OK** button. The system will start to search all channels for available TV and Radio stations. This operation will take about 2 minutes. Once finished, all channels will automatically be stored in your unit.

2. System Setup

Press **DVB-MENU** button to enter the setup menu of the receiver.

Press **CH+/-** button to highlight *Setting* and press **OK** to confirm.

Press **CH+/-** button to select desired item and press **OK** to confirm.

Press **DVB-MENU** button to exit.

3. Automatic Search

Press **DVB-MENU** button to enter the setup menu of the receiver.

Press **CH+/-** button to highlight *Setting* and press **OK** to enter the setting menu.

Press **CH+/-** button to highlight *Installation* and press **OK** to enter the installation menu.

Highlight *Automatic Search* and press **OK** to confirm. The conversation window is displayed.
Press the **CURSOR LEFT/RIGHT** Select *Yes* or *No* and press **OK** to confirm, **DVB-MENU** to exit.

4. Manual Channel Search

Press **DVB**-**MENU** button to enter the setup menu of the receiver.

Press **CURSOR LEFT/RIGHT** on to highlight *Setting* and press **OK** to enter the setting menu.

Press **CURSOR LEFT/RIGHT** to highlight *Installation* and press **OK** to enter the installation menu.

Highlight *Manual Search* and press **OK** to confirm, the Manual Search menu appears. Use numeric button to select the channel number and press **OK** to search. Press **DVB-MENU** to exit.

10. DVB Operation

Once the installation is finalised, press the **DVB-MENU** button on the remote control unit, the following main menu options will be displayed.

All the important settings and features of your receiver can be operated from the Main Menu. The Main Menu consists of several sub-menus such as "*Channel List*", "*Favourites*", "*Now/Next EPG*", "*Timer*", and "*Settings*".

Using the menu **CURSOR** buttons in the centre of the remote control, you can move between the menus.

1. Press **DVB-MENU** to display the Main Menu.
2. Press **CURSOR LEFT/RIGHT** to navigate through the menu.
3. Press **OK** on your selected item from the menu.
4. Press **EXIT** to terminate an operation.
5. Press **EXIT** until you get back to the Main Menu.

Note: When the receiver asks you to enter your PIN code, enter "0000" by pressing the numeric buttons.

1. Channel List

This menu list all channels found during the channel search described earlier. It enables you to setup the channel of DVB-T. Such as delete channels from the list, make your own favourite channels list.
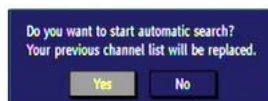
1) Press **DVB-MENU** button to enter the setup menu of the receiver.

2) Press the **CH**+/- button to highlight *Channel List* and press **OK** to enter the setting menu.

3) Press the **CH**+/- button to select the channel. And press the **OK** to confirm. The right hand side of the TV screen will display the selected channel.

4) Press the **DVB-MENU** or **EXIT** to exit Channel List mode.

1.1 Delete

1)   Press the **CH+/-** button cursor button to select the channel

2)   Press the **CURSOR RIGHT** button to highlight *Delete* and press **OK** button to delete the

      selected channel.

3)   A confirmation window is displayed.

4)   Press **CURSOR LEFT/RIGHT** button to highlight *yes* and then press **OK** button.

5)   Press the **DVB-MENU** button to exit Channel List mode.

1.2 Edit Name

1)   Move the cursor to the *Edit Name*; you may rename the current program.

2)   Press the **CH+/-** button to select the channel.

3)   Press the **CURSOR RIGHT** button to highlight *Edit Name* and press **OK** button to select the edit name function. The selected channel name appears in a text box that opens below the picture window. The first character of the name is enclosed in square brackets. Press **CURSOR** button to select the character you want modify, then use the numeric button (0-9) to modify this one using the table below.

4)   Press **OK** button to confirm. Press the **DVB-MENU** button to exit Channel List mode.
      Note: you may refer to the following table to edit the channel name. The new name can be shorter or longer than the existing name. Maximum length is 16 characters.

Remote Button	1	2	3	4	5	6	7	8	9	0
Press once	A	D	G	J	M	P	S	V	Y	SP
Press twice	B	E	H	K	N	Q	T	W	Z	0
Press three	C	F	I	L	O	R	U	X	9	+
Press four	1	2	3	4	5	6	7	8	y	-
Press five	a	d	g	j	m	p	s	v	z	*
Press six	b	e	h	k	n	q	t	w	&	/
Press seven	c	f	i	l	o	r	u	x	.	!

1.3 Lock

1)   Press the **CH+/-** button to select the channel you want lock.

2)   Press the **CURSOR RIGHT** to high **light** Lock and press **OK** button to set lock. You will be asked to enter the lock key.

3)   Enter lock key using the numeric buttons.

4)   The lock mark ☞ appear alongside the selected channel in the list.

5) Repeat 1) .2)to remove the lock

6) Press the **DVB-MENU** button to exit Channel List mode **default lock key "0000".**

More information

Press **INFO** button to view the channel information.

The information shows:

1. Current channel selected.
2. A symbol indicating the type of sound broadcasting (e.g. $\frac{1}{2}$ stereo)
3. A symbol indicating the type of broadcasting, e.g. TV Radio or text.
4. Time.
5. Signal strength.
6. Current and next programmers and their times.

1.4 Favourites

Move the cursor to the *Favourites*, and press **OK** to enter the Favourites submenu. You may refer to the *2. Favourites.*

2. Favourites

Your receiver can store up five lists of favourite channels. When you select a list of favourites, only the channels in the list appear when you use the channel browse buttons and the EPG. To view a channel not in your favourite list you have to enter the number of the channel on the numeric buttons.

You may press **CURSOR LEFT/RIGHT** to select the list you wish to use and press **CH**+/- button to highlight the channel you want to add to list you selected, then press **OK** button, the favourites list number will appear alongside the selected channel in the list. Press **OK** again to remove from the favourites list.

3. Electronic Programme Guide (EPG)

3.1 Now/Next EPG

An EPG dialogue is provided that allows the user to view the current and next Program playing on each service.

In this dialogue the service currently selected is minimized to approximately ¼ of the screen and displayed in the top right. A list of channels and the corresponding current and next programs is displayed. The user can navigate up and down the list of channels and highlight either the now or next program. Information for the highlighted program is displayed in the box to the left of the video.

3.2 Extended Schedule EPG

While in Now/Next EPG screen, you may press the **Blue** or **Yellow** button to view the extended schedule (7 Day Electronic Programme Guide), with different view styles. You can select services and days within the EPG schedule screen according to the hints shown on the bottom of the screen.

Note : This EPG function is applicable only if the broadcasting station transmits the related signals

Blue key enters an EPG schedule information screen which is presented with a multiple services style.

Yellow key enters an EPG schedule information screen which is presented with a timeline format style.
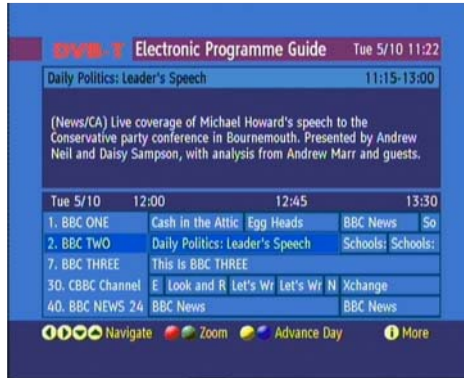
4. Timer

You may set a timer to select a program for a period of time. The timer dialogue will not allow conflicting timers to be set. Timers may be set to be triggered once, daily, or weekly.

When a timer is triggered, whilst in "normal viewing" operation, a dialogue is displayed offering the user the option to cancel the timer or automatically select the service for which the timer has been set. Once a timer has completed the service will remain selected. When a timer is triggered whilst in standby mode the service for which the tuner was set is selected. At the end of a timer event the application will return to standby mode. SCART signalling is used to indicate to a recording device that a timer has been triggered

If the user attempts to change the service, enter the "Main Menu", or view an Electronic Program Guide whilst a timer is running, a dialogue will be displayed asking the user if they wish to cancel the timer.

Up to five Program timers may be set at any one time. The Favourites dialogue cannot be accessed if there are no services available.

5. Setting

The installation menu contains several sub menus such as "Configurations", "Language", and "Installation".

5.1 Configurations

In this item user may set TV type, TV output, and Receiver Upgrade and Parent Control options.

Subtitle: On or Off.

TV Type: 4:3, 16:9.

Favourite Mode: Off, List1, List2 etc to List5.

Channel List: Show all, TV only, Radio only, and Text only.

Receiver Upgrade: when Receiver Upgrade is selected and press OK button, you will be presented with the information window to search the programs.

Parental Settings: For your user's desired privacy, you can change the current password (PIN) settings "0000" to a new password for security purposes.

5.2 Language

The Language Settings option allows you to select the desired language of the OSD or Audio.

5.3 Installation

The installation allows you to perform Automatic Search, Manual Search and First Time Installation.

1. Automatic Search: this searches for all channels and retains your previous settings and your favourite lists will be deleted.
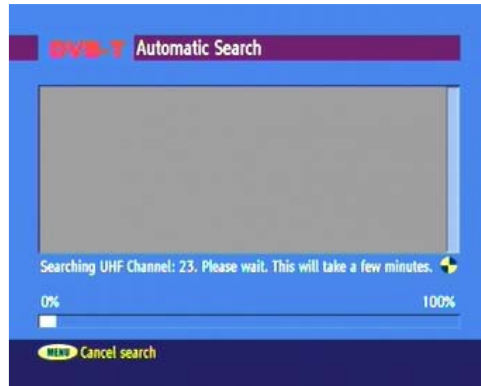
     You may select Automatic Search and press **OK** button to confirm the selection.

     Please wait for a little while till the search is finished.

2. Manual Search: this function allows the user to scan an individual channel for services.

3. First Time Installation: This search for all channels and resets your configuration setting.

While viewing TV or Radio channels various functions can be applied using your remote control.

11. DVB Basic Functions

1. INFO

When change the channel, a banner appears in the bottom of the screen and informs you about the received channel:

2. OK

When **OK** key is pressed, the current channel list, which corresponds to the configuration choice in the MENU, is displayed with a full screen format and a small video window shows the highlighted channel, navigate using **CH**+/- button and press **OK** to selects the pointed channel.

12.User Help Guide

Should you experience problems. Please consult the guide below before calling the Customer Help line.

Symptom	Possible fault	Remedy
Dead. No led lit	Power not connected	Check the power supply module is connected and turned on
Dead Led lit Red	Set stuck in standby	Press Power button on the TV or Remote Control
No picture. Led Green	Back light off	TV faulty. Call Help Line
	TV in PC mode	Select TV or AV or DVB Mode
No picture. Blue Screen.	Set not tuned in	Tune TV to a Local Station
	Aerial nor connected	Connect a good aerial signal
	TV switched to AV or PC	Select TV or DVB with handset
Poor Picture. Noisy or Ghosting (analog)	Poor aerial signal	If using an indoor aerial you may need an outdoor aerial fitted
Poor Picture, Breaking up or Freezing (Digital)	As above	As above
Teletext missing words or breaking up	As above	As above
No Sound	Volume turned down or muted (TV)	Turn up the volume and check if Mute"OSD"is shown.
	AV or PC connection not made correctly	Check all external connections and that the"feed"is turned on
PC		
Display shows "No Signal "	PC Not connected to TV	Check connections.
	PC not set correctly to TV settings	Enter the PC display setup section and set the PC correctly
Picture Noisy or Jittering	TV not adjusted to PC correctly	Enter TV PC Menu and select "AUTO"see page 13
Picture not central	As above	Enter TV PC menu and select H/V position. See page 13
No Sound in PC mode	Check PC sound connection	This is different from AV mode and must be connected seperately
Remote Control		
No, or intermittent Remote Control	Out of range or objects in"site line"	Move nearer, or move any objects in "Site line"
	Batteries low	Replace batteries every 6 months

If you are still having difficulty please call the Technical help line. Ring 01422 203676 (Normal rates apply).
Opening hours Mon-Fri 8 am 8pm. Sat 9 am 4pm. Sun 11am 4pm "Bank holidays as Sun"

13.Technical Specification

| TV Receiver modes	Analog. Digital (freeview)			
TV Dimensions	400x196x362 mm			
Net weight (Kg's)	2. 5kg			
Screen Size	15. 4" (39cm) diagonal			
Screen Ratio	16 :10			
Definition	1280 x 800 pixels			
Brightness (cd/m2)	500			
Contrast	500 : 1			
Inputs	Tuner,Video (1vPP)VGA, SCART, Audio			
DC Supply	12V @ 3. 33A			
Power Consumption	40W			
Tuner range	VHF 48 224 Mhz, UHF 471- 847 Mhz			
VGA support	640x480	60Hz	70Hz	75Hz
	800x600	60Hz	70Hz	75Hz
	1024x768	60Hz	70Hz	75Hz
	1280x600	60Hz	70Hz	75Hz
	1280x720	60Hz	70Hz	75Hz
	1280x768	60Hz	70Hz	75Hz
REMOTE CONTROL				
Control Distance	> 6 metres			
Control Angle	> 30 deg			
Batteries	2 x "AA" 1.5V cells			
Weight	70 g (without batteries)			

Note:
The specification shown above may be changed without notice for quality improvement.

Mains Plug Wiring Diagram

For your own saftty read following instruction before attempting to connect this unit to the mains supply

MAINS (AC) OPERATION

The wires in the main lead are coloured in accordance with the following code:
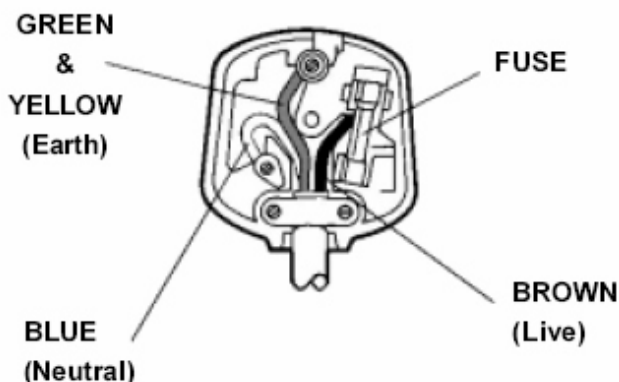
IMPORTANT

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter E, or by the earth symbol, or coloured green or green and yellow.

The wire which is coloured blue or black must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured brown or red must be connected to the terminal which is marked with the letter L or coloured Red.

For continued protection against risk of fire, replace only with same type and rating of fuse(ASTA Approved 3A 250VAC fuse)

If your product is fitted with a moulded plug which requires replacement please out off and dispose of safety, then rewire as shown above.

Wall Mounting

The Tv is provided with mounting holes for a VESA approved wall mounting bracket (NOT SUPPLIED). Remove the Two Posi screws holding the base to the base bracket and lift the base away (do not remove the base mounting bracket). Mount the VESA bracket using 4x M4 x 10 Iso metric threaded screws (not supplied). Do NOT use screws longer than 10mm, damage will occur to the internal parts. Fit the wall bracket securely following the manufacturers instructions. Akura accept no responsibility for damage caused by faulty bracket installation.