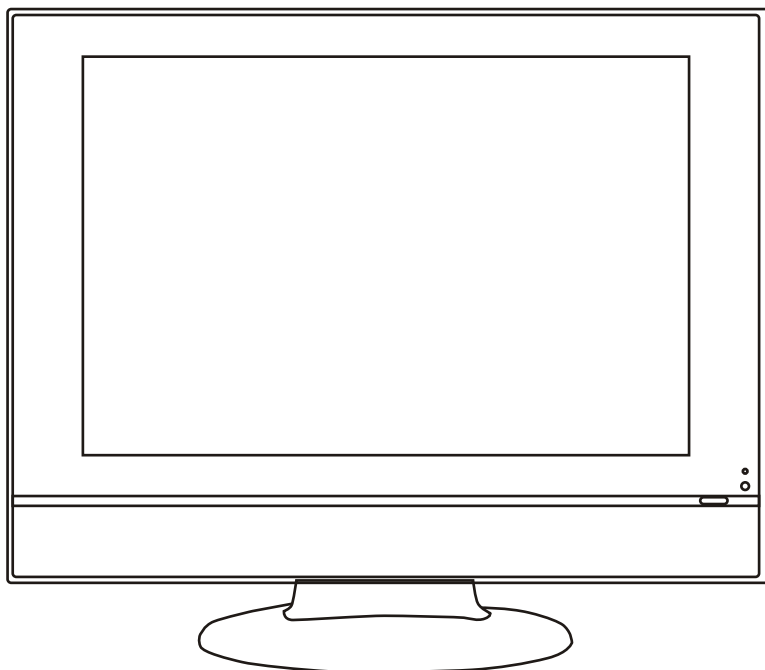


AKURA

15" Wide Screen LCD TV

INSTRUCTION MANUAL

ATL1510W



CUSTOMER HELP LINE 01422 203676

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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 THE 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



This unit complines with European safety and electrical interference directives.

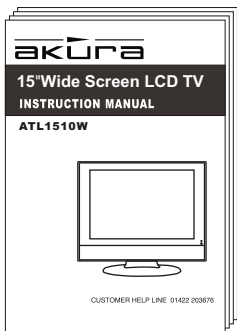
Safety Information cont.

	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, S-Video, PC Audio
- Tv Systems : PAL (B/G,I,D/K). SECAM (B/G,D/K,L) for UK use PAL "I".
- Memory. Up to 200 channels may be stored
- No Signal (Tv) Auto standby.
- Timer functions
- Programme exchange (swap)
- Power requirements (DC 12V 5 A (60W)).
- LCD Screen 1440 x 900 pixels
- Tuning Range VHF / UHF 48 Mhz 847 Mhz

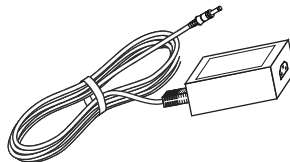
2. Accessories



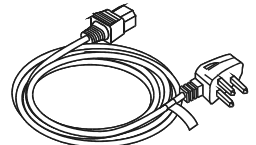
Users' Manual



Remote Control

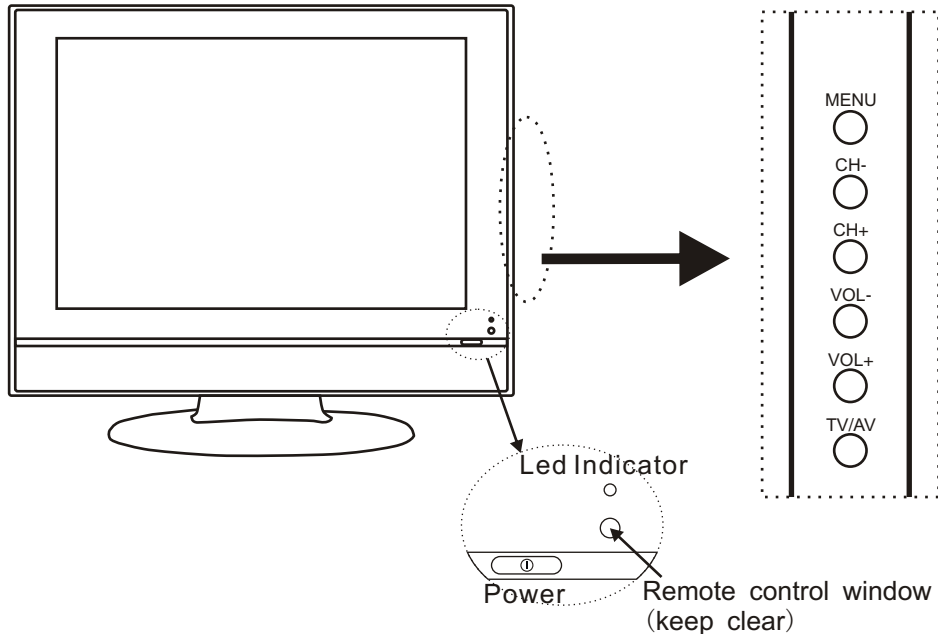


Adapter



Adapter Cable

3. Front View



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.

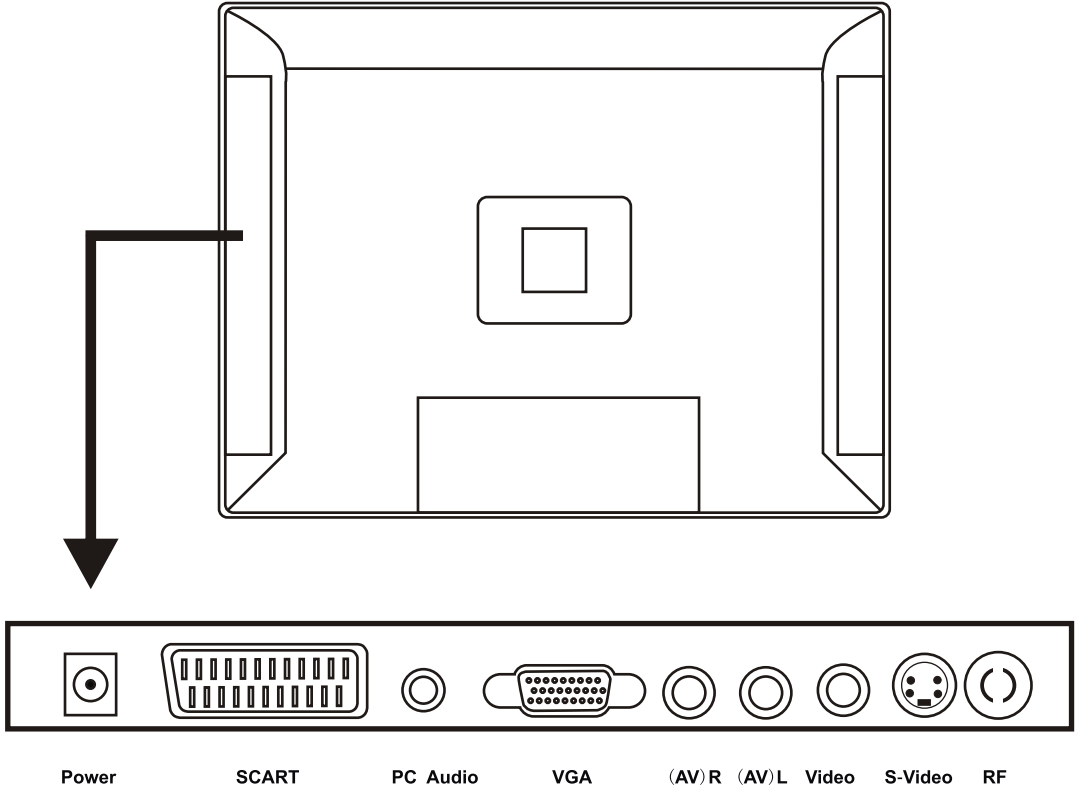
they are also can be used to move left/right in the OSD menu screen.

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

TV/AV: Press to select the source: TV, AV, SVIDEO, 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.

S-Video In : Alternative High Quality Video only (sound via AV-R,AV-L).

RF : Tuner / Antenna RF input.

5. Remote control

Note:

1. Fit two AA batteries, making sure that they are the correct way round, as marked on the case.
2. Aim the remote control at the window to keep the right side of the screen, and keep the window clear at all times.
3. Do not press the buttons on the remote control too quickly-allow time for the set to respond.

Buttons for TV functions

TV/AV: select the input source.

0-9, -/--: press 0 to 9 for the first ten channel, press -/-- for ten and above, and again for 100 and above.

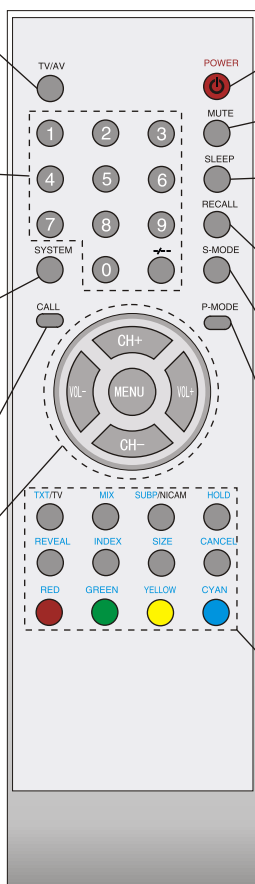
SYSTEM: press to adjust TV's color & audio norm: BG/DG/I/LL

CALL: display the information of the currently channel.

VOL+/-: volume up/down.

CH+/-: channel up/down, direction buttons for OSD menu.

MENU: TV system menu(see page 9)



POWER: turn the TV on or turn it standby

MUTE: press to go into the silence status or cancel

SLEEP: press to set a sleep time, the set will go off after the time you setting.

RECALL: go to play the program you latest program.

S-MODE: press to select the sound mode: User, Normal, Movie and News.

P-MODE: press to select the picture mode: User, Normal, Soft or Vivid.

Buttons for Teletext

Buttons for Teletext and Nicam

Battery Disposal.

When the batteries are exhausted and need replacing, do NOT break open or throw on a fire.

Contact your local waste authority for disposal instructions, do not throw in the domestic waste.

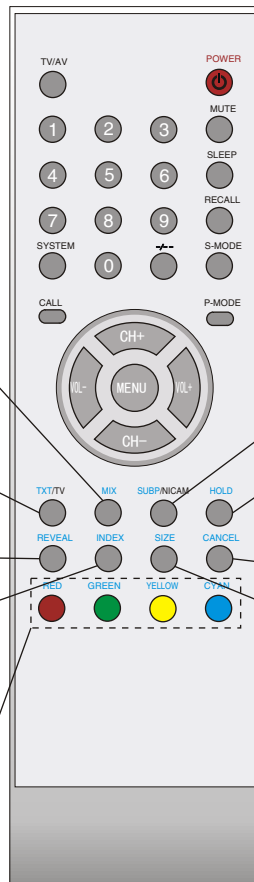
MIX: display Teletext on top of the normal TV picture

TV/TXT: turn off/on the Teletext display.

REVEAL: reveal any hidden text, for example- quiz answers.

INDEX: direct recall of page 100.

Colour buttons: short cuts-follow the coloured links in the text.



SUBPAGE: for example-to go directly to subpage 4: press SUBPAGE, then 0,0,0,4; press SUBPAGE again to cancel subpage mode.

NICAM/A2: press to select mono or stereo (Only on TV mode)

HOLD: hold or carry on the current subpage.

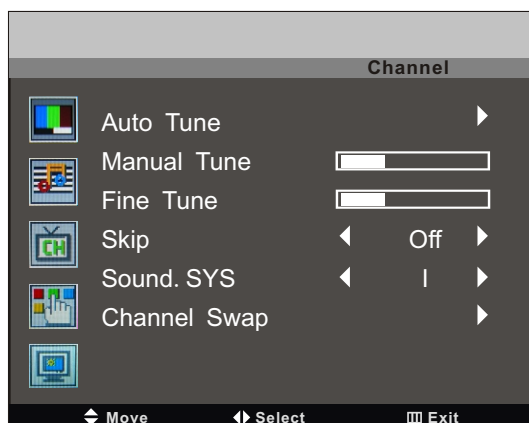
CANCEL: turn off the Teletext display.

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.

TV

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 "as seen on the right". Use the **CH+/-** buttons to select the source, press **Vol +** 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 **Vol +** button to enter the menu, press **CH+/-** buttons to select the item "Auto Tune". Press the **Vol +** 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 13.
- Note** when Auto Tune starts, to stop it press **MENU**, otherwise leave to complete the search.

TV
AV
S-VIDEO
SCART
PC



PC

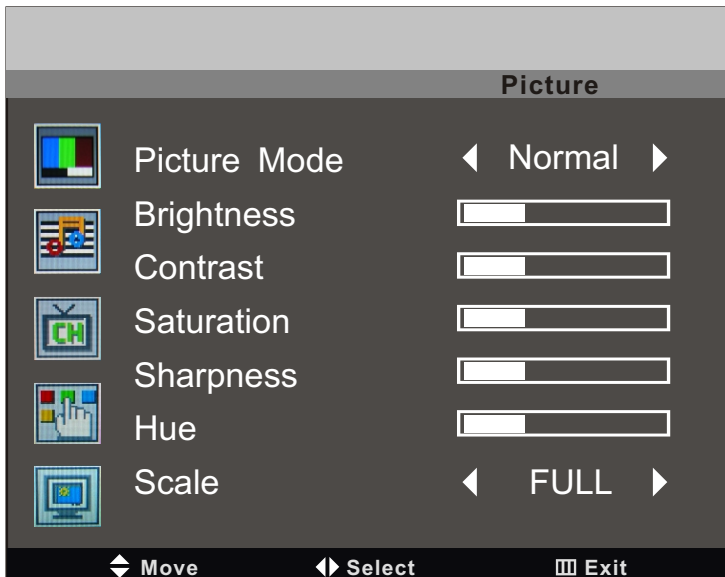
1. Connect the TV to the PC using a 15pin VGA lead (not supplied) and Audio to the PC audio socket
2. Press the **TV/AV** button to display the source menu, use the **CH+/-** buttons to select PC and press **Vol +** to confirm. The TV will now display the signals from the PC. You may need to adjust the PC to the TV. See page 14

7. 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 **VOL+** button to enter the main menu you select, press **CH+/-** button to select the item of the main menu, press **VOL+/-** 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 Mode: select the picture display mode----User, Normal, Soft, Vivid.

You can also use the **P-MODE** 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)

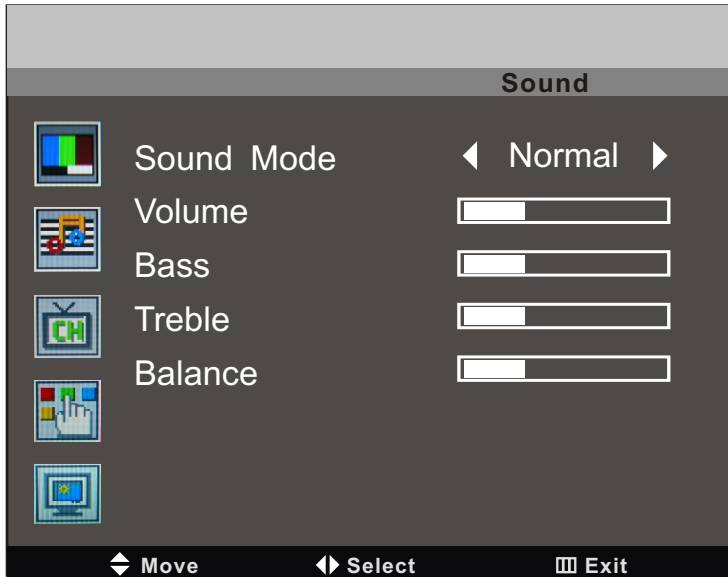
Sharpness: adjust the sharpness of the picture.

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 Mode: select the sound mode----User, Normal, Movie, News.

You can also use the **S-MODE** button on the remote control to select.

Volume: adjust the volume of the sound.

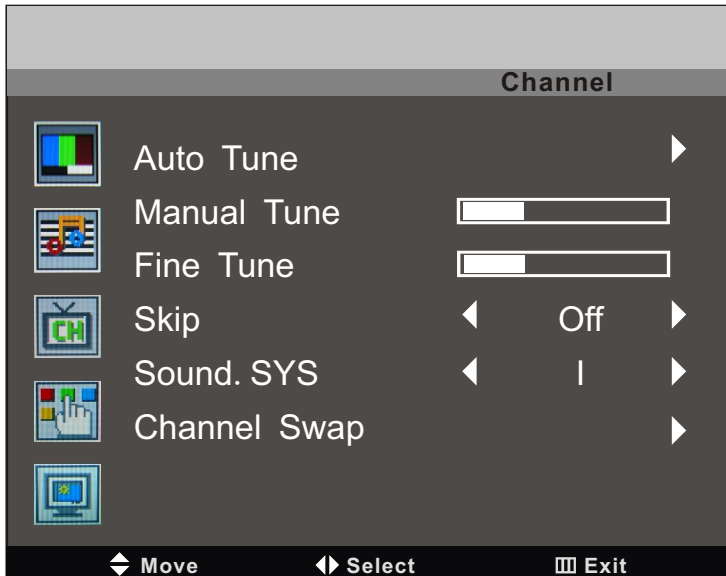
You can also use the **VOL+/-** button on the remote control or TV set to adjust the volume.

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 **Vol +** 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 13.

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



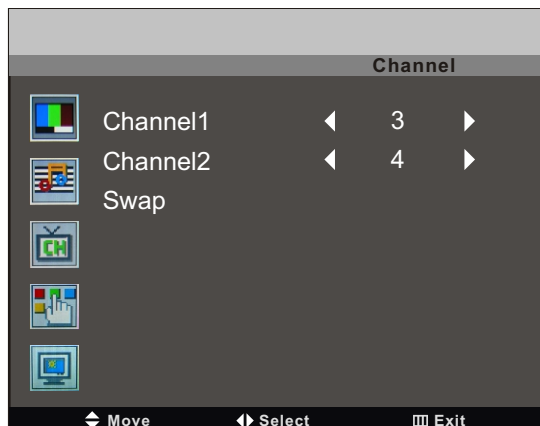
Manual Tune: press **VOL+** button to search forwards, and press **VOL-** button to search backwards. When a station found, it will be stored automatically.

Fine Tune : press the **VOL +** button to tune upwards and press **VOL -** 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.

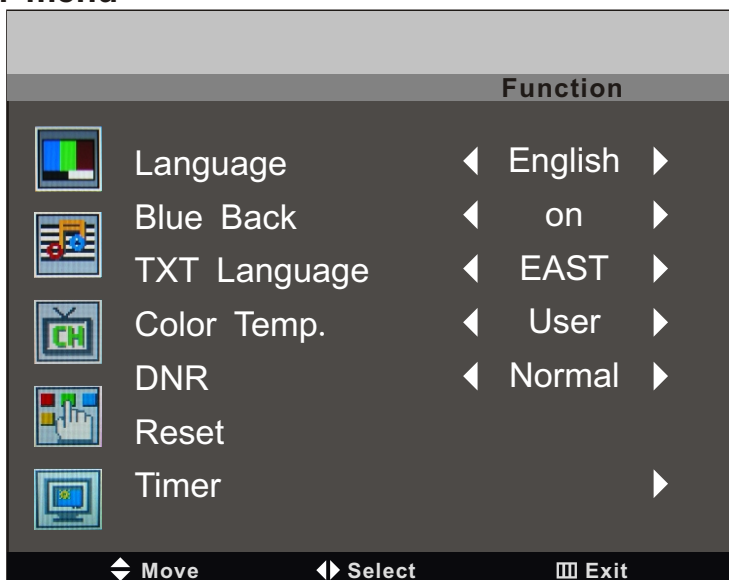
Sound SYS. This is used to select the “sound system” for the particular country or area. In the UK it must be set as “I”. In Western Europe use “B/G”, Eastern Europe use “D/K”, in certain areas of France use “L”.

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 **Vol +/-** buttons to Locate BBC1, "it is useful to have a current copy of a TV guide to hand". Select "Channel 2", use the **Vol +/-** buttons to select "1". Then select "Swap" and press **Vol +** to swap the TV will revert to "menu". Press **Vol +** 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.

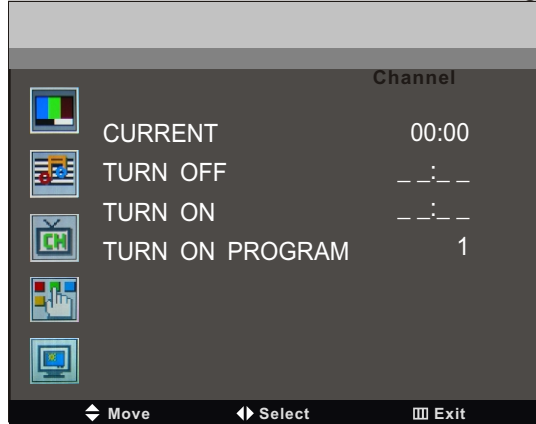
Color Temp. Adjusts the colour temperature. You may select Cool, Warm, Normal or User.

User allows you to set the Red, Green and Blue individually.

DNR:press the **Vol +/-** to choose "Normal" or "Strong" to reduce picture interfere.

Reset. Select "Reset" and press **Vol +** to reset all analog settings to "Factory Default"

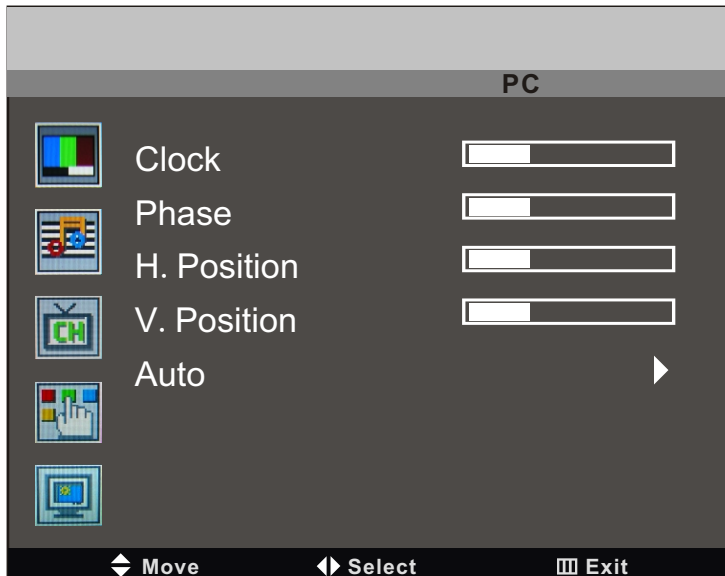
Timer: press the **VOL+** button to enter the timer menu as the following picture.



You MUST set the Select Current Time by pressing the **CH+/-** buttons, to select the "HOURS" press **Vol +** and **CH+/-** to change the time. Press **Vol +** 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 **Vol +/-** buttons, the TV will then switch at the requested time.

7.5 PC menu(the menu can only be used in the mode of PC)



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 **VOL+** button to setup the parameter of the screen automatically.

8. User Help Guide

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

Symptom TV	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 remote control or the Power button on the TV.
No Picture led Green	Backlight off.	Set faulty. Call Help line
	TV in PC Mode	Select TV mode or AV mode
No Picture. Blue screen	Set not tuned in	Tune TV to local station.
	Aerial not connected	Connect a good aerial signal
	Set switched to AV or PC	Select TV mode with handset
Poor picture. Noisy or ghosting	Poor aerial signal	If using an indoor aerial have an outdoor aerial fitted
No sound.	Volume turned down or Mute set	Turn up the volume and observe if "Mute" OSD is shown.
Teletext missing words or breaking up	Poor aerial signal	Check aerial lead. Have new outdoor aerial fitted
Remote Control		
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 14
Picture not central	As above	Enter TV PC Menu and select H/V position see page 14
No Sound in PC mode	Check PC sound connection	This is different from AV mode and must be connected separately
PC Mode		
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 14
Picture not central	As above	Enter TV PC Menu and select H/V position see page 14
No Sound in PC mode	Check PC sound connection	This is different from AV mode and must be connected separately

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"

9. Technical Specification

TV Dimensions	400x196x362 mm			
Net weight (Kg's)	3. 8kg			
Screen Size	15. 4" (39cm) diagonal			
Screen Ratio	16 :10			
Definition	1280 x 800 pixels			
Brightness (cd/m2)	500			
Contrast	500 : 1			
Inputs	Tuner,S-Video,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:

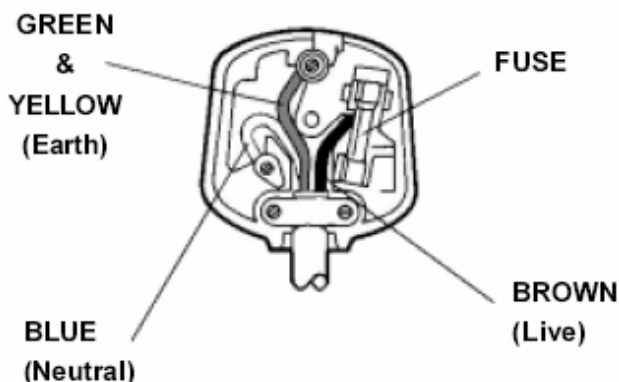
The specification shown above may be changed without notice for quality improvement.

Mains Plug Wiring Diagram

For your own safety 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 turn off and dispose of safely, 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 4mm x 10mm Iso metric threaded screws (not supplied). Do NOT use screws longer than 12mm, 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.