akura

AHLTV15

Instruction Manual

LCD TV

Customer Help Line 01422 263313.

www.ekey.co.uk 24Hr
Opening hours Mon-Fri 8 am – 8pm. Sat 9 am – 4pm. Sun 11am – 4pm "Bank holidays as Sun"

Dear Customer. Thank you for purchasing this 15.4″, (15.25"viewable) LCD-TV
After unpacking, please check that you have the following items:-
Operating instructions, Remote control, 2 x "AAA" batteries,
AC adapter, VGA lead, Stereo Audio lead.

Power Consumption Reduction.
To enable the user to reduce the "carbon footprint" of the Tv, it is suggested that the Tv is turned off completely at the mains supply, rather than be left in standby when not in use. This not only reduces the carbon footprint, it increases the safety of the product and it also reduces the annual electricity bill by a significant amount.

Before connecting the LCD-TV and turning the power on, please read this book carefully. Please keep this book for later use.
If you loose use of the function buttons, it may be due to static electricity. To restore normal operations, switch off the Tv at the supply and then re apply power.

INDEX

1- Important Safety Instructions

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

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

Power Supply.
This apparatus is designed to operate from a 100 – 250V AC 50/60 Hz supply. Do NOT connect to an alternative supply.

Ventilation.
Slots and openings in the cabinet are provided for ventilation to ensure the correct operation of the appliance.
Do NOT block any slots or restrict any opening.
Do NOT place on fabric or soft furnishings, this will restrict airflow.
Do not place in a cabinet without sufficient clearance.

Heat.
Do not place on or near appliances that radiate heat such as radiators or in direct sunlight.

Water and Moisture.
Do not use this appliance near water, or in damp locations such as basements.
Do not place vases or other such containers on top of the appliance

Object or Liquid entry
No not allow objects to be pushed into the ventilation slots, they may touch live parts and cause an electric shock. Do not spill any liquids into the appliance.
If either should happen, disconnect from the mains supply and contact a service engineer. DO NOT attempt to repair yourself.

Mains Adaptor and Plug
Do not place the DC lead where it can be stepped on, or tripped over. Do not place heavy objects on the DC lead, cut or damage the outer cover. Do not use wet hands to remove the mains adaptor plug. Do not pull the DC wire to remove the plug from the power socket

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 adaptor plug, This is to prevent power surges damaging the apparatus

Location.
Do not place on an unstable surface loose shelves or other similar place. Dropping this apparatus will severely harm its functions.

Care of the Screen.
The screen is manufactured and carefully engineered to give you a clear bright image. Do not hit, drop or physically harm the glass front.

Cleaning the Screen.
The screen surface is very delicate and should be treated as such. If it becomes dirty, a wipe with a soft cloth is all that is required. For sticky dirt remove with a damp soft cloth and a dilute mild detergent. Do NOT use any chemical cleaners such as thinners or other petrol based fluids

Damage Requiring Service.
Should any of the following happen, disconnect from the mains supply and call an engineer or Technical Help Centre. :-
Damage of the mains cord or plug.
Liquid or other objects enter the casing.
The apparatus has been exposed to rain or moisture.
If the appliance does not operate in accordance with the normal operation expected.
If the appliance has been dropped or the case damaged.

Wall Mounting.
Should you wish to wall mount this product. Read the wall mounting manufacturers instructions carefully and follow the safety recommendations. This product is NOT covered under any warranty from the manufacturer for damage to the product due to faulty installation, unless it is proved that the product is faulty.

Display.
The display contains over 750,000 pixels. Do NOT hit or physically damage the screen surface. It is normal, within the lifetime of the screen to see bright or dark pixels. This is not a fault and is not covered by warranty.

2. Features

1- Multi band TV reception.
2- Full function Infra-red remote control.
3- Scart Input.
4- Analog RGB input (PC VGA)
5- CVBS and S-VIDEO input.
6- PC and CVBS Audio inputs.
7- Coaxial Audio output.
8- 2 x 3W internal speakers.
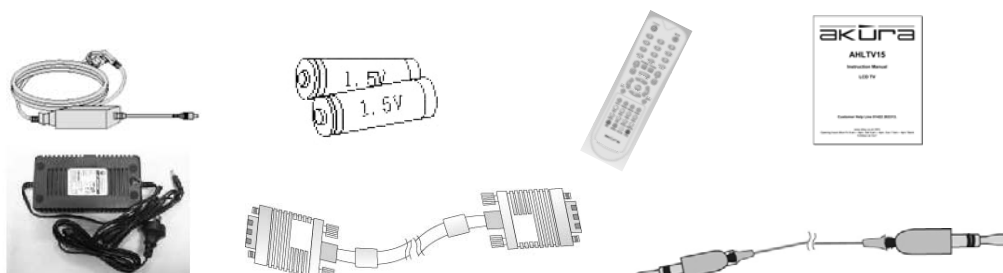
3. Control Panel

(1) Control Panel Illustration:

INPUT   MENU   CH-   CH+   VOL-   VOL+   POWER

TV Control Panel Functions:
1- INPUT **–** Select the input signals : TV / SCART / PC / AV / S-VIDEO
2- MENU **–** Enter into MENU / ENTER
3- CH-   -- TV channel down
4- CH +   -- TV channel up
5- VOL - Volume up / Left shift
6- VOL + Volume down / Right shift
7- Power **–** Switches the TV to standby and on again

4. ACCESSORIES.

Show line drawings of the Remote Control, I/Book, Mains Adaptor, VGA lead, Stereo Lead.
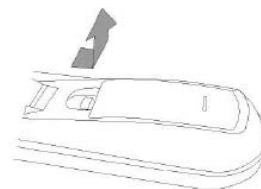**2 x "AAA" batteries**

5 Remote Control

Button Description

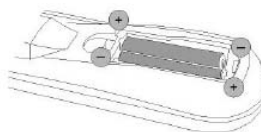|	
Power	Switches the Tv to standby and on again
Mute	Switches the Audio On and Off
0 - 9	Numeric buttons.
-/--	Selects One or Two digit channel selection
	View last Tv channel
Vol + / Vol -	Increases and decreases volume level.
Nicam/A2	NICAM
System.	Selects Tv Sound mode
CH + / CH -	Channel Up and Down
Display	Displays current Tv channel information
◄▲►▼/Enter	Navigation and Enter
Exit	Exits menu.
Menu	Selects Menu
AV/TV	Selects Input source
P Mode	Selects Picture mode
S Mode	Selects Sound mode
Sleep	Selects Sleep timer mode
Text	Turns Teletext on and off.
Hold	Holds the teletext page
PGDN	Selects previous teletext page
PGUP	Selects next teletext page
Index	Selects teletext index page
Size	Adjusts teletext page size
Reveal	Reveals hidden answers.
Sub Page	Selects sub pages in teletext
Red/Green	Correspond to the differently colored subjects
Yellow/Cyan	Correspond to the differently colored subjects

6 Remote Control Batteries
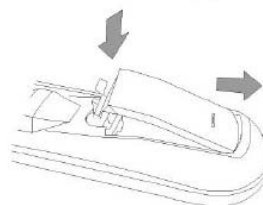
The remote unit is operated with 2 AAA size batteries.

1. Push and hold the hook, the battery cover is opened

2. Insert batteries according to the polarity marks.

3. Replace the cover.

Remarks:
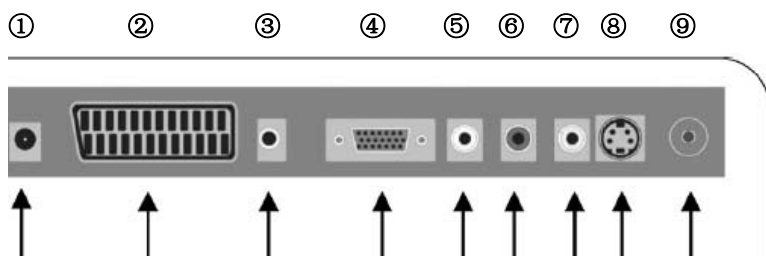Battery replacement is necessary when the remote control fails to operate the TV set.
Warnings
Incorrect use of batteries can cause chemical leakage which will corrode the Remote Control Unit or cause the batteries to burst.
Do NOT leave batteries in the remote control if not used for long periods
1. Always replace both batteries.
2. Do not mix used batteries or batteries of different types (Zinc Carbon with Alkaline).
3. Do not attempt to charge, short-circuit, disassemble, or throw in a fire exhausted batteries.
4. Dispose the used batteries according to your local authorities' guidelines. Do not put it into your household waste.

7. Connectors (Input / Output)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Connectors descriptions:
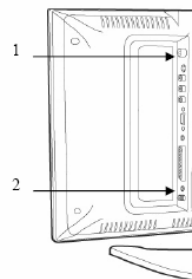
① ：DC 12v power input for the LCD TV, connect power supply adaptor here.
② ：Scart input interface, connect your AV system/DVB "freeview" to the Tv.
③ ：Audio input for VGA mode, connect to your PC audio output.
④ ：DB15 VGA interface, connect your PC output to this connector.
⑤ ：Left Audio Channel input for Composite video & S-video mode.
⑥ ：Right Audio Channel input for Composite video & S-video mode.
⑦ ：CVBS / Composite video inputs, from your VCR or other AV system.
⑧ ：S-VIDEO input, connect a video input from an external device that supports S-Video.
⑨ ：75 Ω aerial input, connect aerial lead here to receive cable / aerial signals.

TV input signal.

1. Antenna / 75 Ω aerial input.
2. DC 12V power input.

Connection steps：
Make sure that the power of the LCD-TV is off;
Connect an antenna cable (CATV) to (1) (75 Ω ANT) on the back of the LCD-TV. Connect the other end of the antenna cable to the antenna connector on the wall or on your digital cable / satellite receiver. Now you are able to view "off air" or cable TV;
Turn on the power of the LCD-TV;
Press the INPUT button to set the video input mode of the LCD-TV to "TV" mode. The channel number appears in the top left side of the screen;
You can use key CH + / CH - button or the number keys on the remote control to select the channel you want to watch;
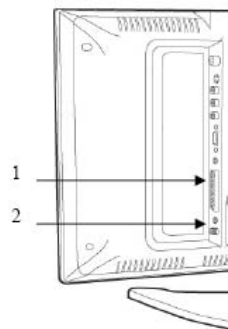
SCART input.

1. Scart input.
2. DC 12V power input.

Connection steps：

Read the user guide supplied with your AV devices and ensure that it has a scart connector;
Make sure that the power of the LCD-TV is off;
Connect a SCART cable to the corresponding interface connector on the back of the LCD-TV;(1)
Turn on the power of the LCD-TV;
Press the INPUT button to set the video input mode of the LCD-TV to "SCART" mode;
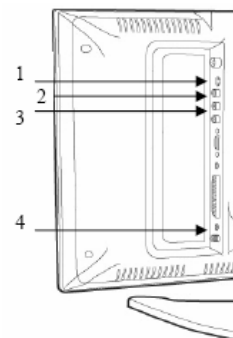Ensure the "source" is turned on and is operating.

Composite and S-Video inputs

1. S-video Input.
2. CVBS / composite video input.
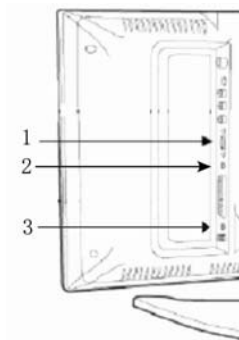3. Left & Right Audio input.
4. DC12V power input

Connection steps：

Read the user guide supplied with your AV devices and ensure that it has Composite or S-Video connectors;
Make sure that the power of the LCD-TV and the AV device are off;
Connect a Composite video cable (supplied) to the yellow composite video connector input on the back of the LCD-TV. Now insert the other end of the composite cable into the yellow composite connector output on the AV device.
Alternatively connect a S-Video Cable (not supplied, provide better image quality) to the S-Video connector on the back of the LCD-TV. Now insert the other end of the S-Video cable into the S-Video connector on the AV device;
Connect the RCA audio cables (supplied, white and red connectors) from the AV devices' RCA audio output connectors to the RCA audio input connectors on the back of the LCD-TV;
Turn on the power of the LCD-TV first, and then turn on the power of the AV device;
Press the INPUT button to set the video input mode of the LCD-TV to "S-VIDEO" mode or "AV" mode;

Connect to a PC (VGA)

1. VGA input (Remember to tighten the screws.)
2. PC Audio Input
3. DC12V power input

Connection steps：

Read the user guide supplied with your computer and ensure that it has a VGA connector;
Make sure that the power of the LCD-TV and the PC are off;
Connect a D type 15-pin VGA interface cable (not supplied) to the VGA video interface connector on the PC. Then connect the other end to the VGA video interface connector on the back of the LCD-TV. Tighten the screws on the VGA connectors once they are firmly connected;
Turn on the power of the LCD-TV first, and then turn on the power of the PC;
Press the INPUT button to set the video input mode of the LCD-TV to "PC";
The LCD-TV can support the resolutions 1280*800/60Hz
Use the VOL- / VOL+ on the control panel or remote controller to adjust the volume.

8 Basic Operating Instructions

Turn on the LCD-TV

When the STANDBY button is pressed and the LCD-TV is turned on, the indicator light on the front of the LCD-TV changes from red to green. When the LCD-TV is turned on, the input mode is displayed on the screen. When the LCD-TV is turned off using the STANDBY button, the LCD-TV will go into standby mode and the indicator light turns red.
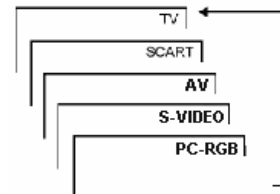To totally disconnect the Tv, you must do this at the mains outlet socket
Note: the display of the input mode will disappear in 3 seconds.

Select inputs : TV / SCART / AV / S-VIDEO / PC

Press the **INPUT** button to select the input mode you want.
Each time you press the **INPUT** button, TV, SCART, AV, S-VIDEO PC-RGB, will appear on the screen in order.
Note:
The display of the input mode will disappear in 3 seconds.

Audio control

1. Press the **VOL+** button to increase the volume. A number will appear on screen indicating the volume level.
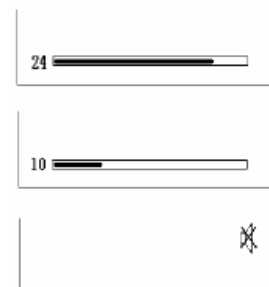2. Press the - **VOL** button to decrease the volume. A number will appear on screen indicating the volume level.

Mute

1. Press the **MUTE** button to mute the sound temporarily. A Mute icon appears on the screen.
2. Press the **MUTE** button again to restore the sound. The Mute icon disappears.

Note：

When you turn the LCD-TV off, the mute function is cancelled automatical

Selecting a TV channel.

You can use the number keys on the remote control to directly select TV channels.
The LCD-TV can store up to 99 channels (1 to99), and you can press the keys on the remote control or on the panel to make a selection.

1- Press the relevant key on the remote control if you want to choose any channel from 1 to 9. （for example: if you want to choose channel 8, just press the key number 8.）
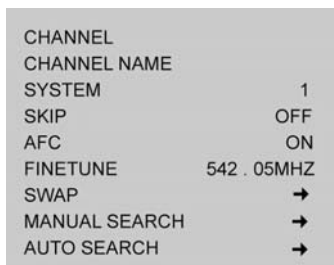
2- If you want to choose a channel bigger than 9, please press the "-/--" button until "- -" is indicated on the screen. Enter the two digits of the channel number you want to watch. （for example: select channel 16）

9 Menu Operations

You can modify certain parameters of the LCD-TV in the menu system.
Please read the following descriptions to get an understanding of each adjustable parameter.

Input mode: TV

1- Press **MENU** button to either display the "VIDEO" or "TV" or "GENERAL" or "AUDIO" menu.

2- Press KEY▼ / ▲ to scroll through the parameters.

3- Press ◄ / ► buttons to make changes to the parameters.

4- Press the **MENU** button to exit the menu.

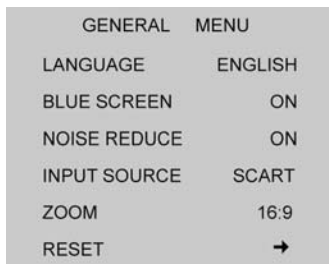| CHANNEL	
CHANNEL NAME	
SYSTEM	1
SKIP	OFF
AFC	ON
FINETUNE	542 . 05MHZ
SWAP	→
MANUAL SEARCH	→
AUTO SEARCH	→

1、Channel:Change the TV channel.
2．Channel name
3、System: Select the TV standard. Select "I" for UK, "B/G" for Western Europe, "D/K" for Eastern Europe
4、Skip：(see page 12)If you want skip a channel, you can turn it on and this channel will be skipped when using the CH+/CH- buttons. You may still select using the "numeric" buttons
5、AFC: Auto frequency control. Press the button to improve the image stability.
6、Fine tune If the image received is not very good, you can press ▲ / ▼ to select Fine Tune. Then press
◄ / ► button to adjust and improve the picture quality..
7. Swap : This allows you to "swap" the station order (see page 12)
8、Manual Search (see page 12)
9、Auto search：(see page 11)

VIDEO MENU

BRIGHTNESS	50
CONTRAST	50
COLOUR	40
SHARPNESS	50

1 Brightness : Adjust the brightness of the picture, the image becomes brighter as the number increases.
2 Contrast : Adjust the contrast of the picture, the contrast increases as
the number increases.
3 Colour : Adjust the colour.
4 Sharpness : Adjust the amount of detail enhancement, the image sharpness rises as the number increases.

AUDIO MENU

VOLUME	20
BALANCE	50
AUDIO PRESET	PERSONAL
TREBLE	50
BASS	50

1 Volume: Adjust the volume.
2 Balance: Adjust the balance of the audio output from left to right.
3 Audio Preset: Four different settings: Personal, Voice, Music and Theatre.
4 Treble: Adjust the treble of the sound, this can only be adjusted in Personal mode
5 Bass: Adjust the bass of the sound, can only be adjusted in Personal mode

GENERAL MENU

LANGUAGE	ENGLISH
BLUE SCREEN	ON
NOISE REDUCE	ON
INPUT SOURCE	SCART
ZOOM	16:9
RESET	➔

1 Language: Change the language of the menu, choose between ENGLISH, FRENCH. GERMAN, ITALIAN, SPANISH and PORTUGUESE
2 Blue screen : Displays a blue screen when no signal is present
3 Noise reduction : Reduces the noise of the picture to provide a clearer picture.
4 Input source : Displays the current mode.
5 ZOOM: 16:9
6 Reset : Resets picture settings to the factory default .

PC MENU

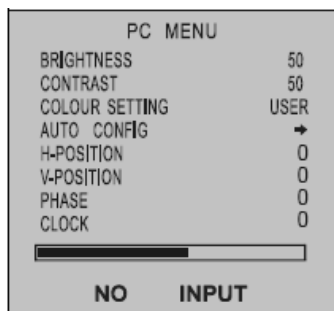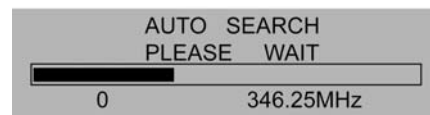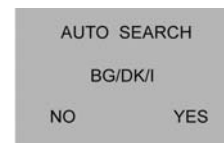|	
BRIGHTNESS	50
CONTRAST	50
COLOUR SETTING	USER
AUTO CONFIG	➔
H-POSITION	0
V-POSITION	0
PHASE	0
CLOCK	0

NO INPUT

Input Mode PC.

1 Brightness : Adjust the brightness of the picture, the image becomes brighter as the number increases.
2 Contrast : Adjust the contrast of the picture, the image becomes higher as the number increases.
3 Colour setting: Select between 9300k/6500k/user define
4 Auto config :Use this to Automatically adjust most PC's to the monitor parameters
5 H-POSITION : Picture horizontal position adjust
6 V-POSITION : Picture vertical position adjust.
7 Phase : Removes any horizontal distortion and clears or sharpness the displayed characters.
8 Clock: Adjust the TFT-LCD to match the video input source.

Search Tuning.

If using the Tv for the first time you must install the Tv Stations. To do this, connect a suitable aerial and turn on the Tv.

1. Press the "MENU" button 3 times to enter the TV Menu.
2. Press the ▼button until the AUTOSEARCH text is highlighted.
3. Press the ► button.
4. Press the ► button again and select BG/DK/I
5. Press the ▼button and ► button to select YES then press "ENTER"
6. The Tv will now start to Search.
7. When Autosearch is completed the Tv will display the First station received. This will not necessarily be BBC1.
To put the Stations in the correct order see page 12

AUTO SEARCH

BG/DK/I

NO   YES

AUTO SEARCH
PLEASE WAIT

0   346.25MHz

Manual Tuning.

If you need to add another station or signal from a Tv game or other source, rather than "Autosearch" you may manually add another station. Ensure the additional apparatus is connected and turned on.
1. Press the Menu button 3 times to select the TV Menu.
2. Select CHANNEL and using the ► or ◄ buttons to select a free location.
3. Press the ▼button until the MANUAL SEARCH text is highlighted.
4. Press the ► button. To see the menu opposite.
5. Use the ▲/ ▼button to select UP or DOWN
6. Press the ► button to start searching
7. The Tv will search from the point selected. If the signal is not seen press the ▲/ ▼buttons to select the opposite direction and the ► button again.
8. When the required signal is seen, exit the menu by pressing "EXIT" or "MENU"
Note : If using a Tv game or similar, it is wise to have no other connection to the aerial connector as this may confuse the situation.

Swap.

When AUTO SEARCH was done, the Tv stations would not be in the correct order, thus BBC1 would not be in location 1. To place the stations into the correct order :-
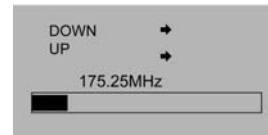1. Press the MENU button 3 times to select the TV Menu
2. Press the ▼button until SWAP text is highlighted.
3. Press the ▼button to select FROM
4. Using either the ► or ◄ buttons or Numeric buttons locate BBC1
Note :- it is useful to have a current Tv guide to hand.
5. Press the ▼button to select TO
6. Using either the ► or ◄ buttons or Numeric buttons select (1)
7. Press the ▼button to select SWAP.
8. Press the ►, the Tv will now place BBC1 into location 1, however the Tv will now display what was inl the OLD location.
9. Press the ► button again to return to the SWAP menu and continue until all the programmes are in the correct order (BBC1, BBC2, ITV, CH4, ITV5).
To exit the menu press EXIT or MENU.

Skip.

When Auto Search is completed there may be unwanted stations seen, these may be noisy or poor pictures from other signal areas. You cannot delete these, however they may be "hidden" using the SKIP function.
1. Press the MENU button 3 times to select the TV Menu
2. Select CHANNEL and press the ► or ◄ buttons or Numeric buttons select the unwanted channel
3. Press the ▼button until SKIP text is highlighted.
4. Press the ► button to turn SKIP on.
5. To SKIP other channels repeat 2 to 4.
6. To Un Skip any channel repeat 2 to 4 as ► also turns "Skip Off"

You may select any "Skipped" channel using the Numeric buttons.

PC –RGB Operation.

This TV provides excellent pictures when used as a PC VGA Monitor. Connect the LCD TV to the Computer as shown on page 8. This connection should be done with both the PC and LCD Tv in the Off state.

Turn on the LCD Tv and PC. Select PC-RGB using the AV/TV button on the Remote control or INPUT button on the Tv. When the PC has "booted" the display should be bright and clear. If this is not the case, enter the PC Menu by pressing the Menu button once.   Select the "AUTO CONFIG" item and press ►. The display will shake and shudder for a few seconds and will then settle to an optimum setting.
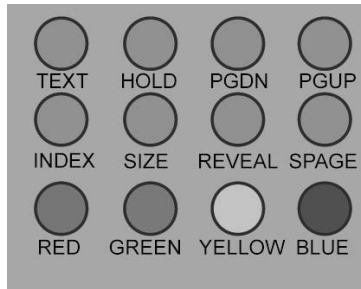If you require other adjustments, re enter the menu and adjust to your requirements.

If you need a sound connection, this should be done whilst the PC and TV are turned off.

10 Teletext.

Teletext is a digital data system that allows hundreds of pages of information to be transmitted. This data is combined with the normal Tv signal. Not all Tv stations transmit teletext all the time.
To select Teletext use the Teletext buttons located in the lower section of the Remote control.

Teletext. Press this once to turn the text on, press again to select mixed text, press again to turn off.

Hold. Press to "Hold" a text page. Press again to release.

PGDN/PGUP. Use these buttons to select the previous or next text page.

Index. Selects the Index page, usually page 100

Size. This allows you to enlarge the Teletext page. Press once to see the upper half of the picture, press again to see the lower half of the page. Press again to return to normal text.

Reveal. Press this button to reveal answers to questions in quizzes.

S Page. This is to access sub pages when additional pages are transmitted.

Red, Green, Yellow, Blue. These buttons allow fast access to any page or section that is highlighted at the bottom of the screen. Press the colour of the button you wish to access.

11 User Help Guide

If for some reason your LCD TV fails to operate, or has other difficulties, please consult the guide below before calling the "Customer Help Centre"

Symptom	Possible Cause	Remedy
Dead. No led lit	No power to the Tv	Ensure all the connections have been made firmly and the power is turned on.
Dead. Led lit Red	Tv in Standby	Press the CH+/CH- button on the Tv or the POWER button on the Remote Control
No Picture. Led Green.	Incorrect source selected	Select TV using the INPUT button on the Tv or TV/AV button on the Remote Control
Picture Noisy or Ghosting	Poor signal.	If using an Indoor aerial, it may be necessary to have an external or roof space aerial fitted.
	Poor aerial connection. Or aerial damaged	Have your aerial lead and connections inspected.
Teletext breaking up or freezing	As above	As above.
Poor PC pictures	PC may not be matched to monitor	Enter PC Setup Menu and select "Auto Config"
No Sound or loud sound buzz in TV mode.	Incorrect sound system selected.	Enter the TV setup menu and select "SYSTEM" this should be set to "I" for Uk use
No Remote Control function	Batteries exhausted	Replace batteries every 6 months.
	I/R signal being obstructed	Remove any obstructions in I/R signal path

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 (24Hr)

12 Specifications.

TV.

Rf input	40 dbuV-80 dbuV.
Frequency.	Band 1 Ch 2 – Ch 4
	Band 3 CH 5 – Ch 12
	UHF CH 21 – CH 69

Inputs.

Scart.	RGB, Composite, Audio, Pin 8 switching
AV.	1V PP composite video
S-Video	1V PP Composite, 200mv Chroma,
PC VGA	Analog RGB
PC Audio.	200m/V Audio 2 channel

Outputs.	Scart, PCM Audio.
Power Requirements.	12V DC @ 2.5A
Power supply.	AC Input 100 – 250V AC 50/60 Hz. Output 12V DC @ 3A
Audio Output.	2 X 3 watts
Remote Control.	Infra Red transmitter. Range > 3 metres, Angle +/- 30 deg

Display

Display.1	15.4" FTF LCD
Brightness.	180cd/m2
Back light Life time	50,000 hours approx
Viewing Angle	Horizontal 60/60 deg. Vertical 50/50 deg
PC input. VGA	30 – 80 Khz Horizontal. 60 Hz Vertical
Resolution.	1024 x 800/60Hz

Due to continuing development specifications may change without notice.