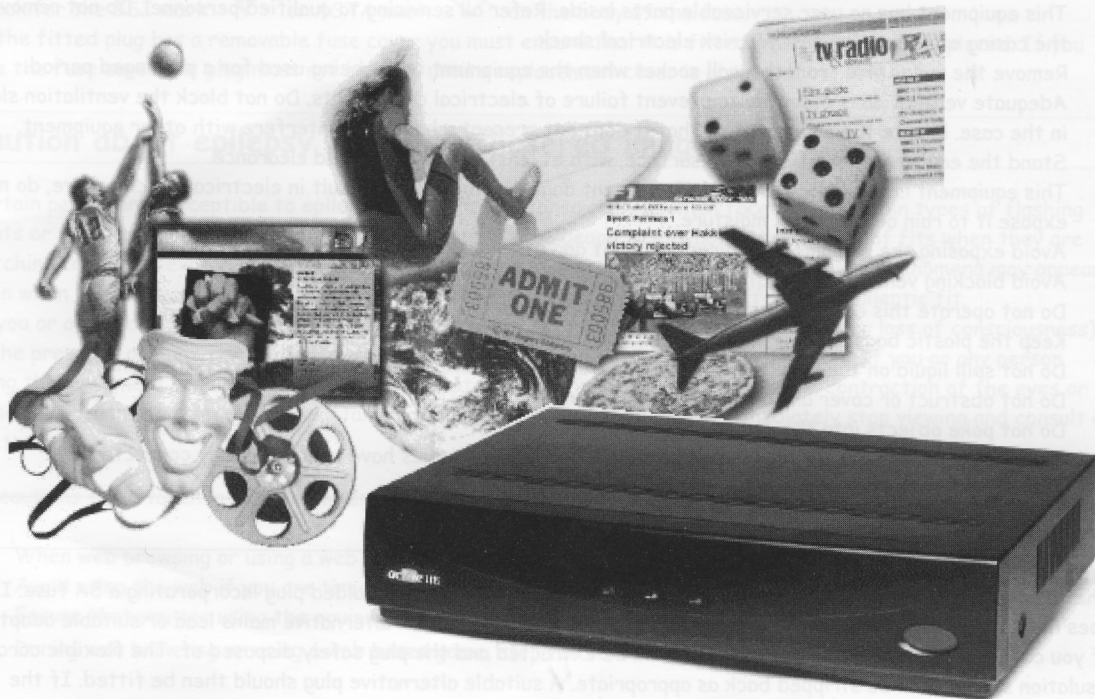


# active 3875



## User Guide

**UK Version**



**[element 14]**

# Warnings and Precautions



## General information:

- This equipment is designed to operate on AC 220-240V, 50Hz.
- This equipment should be located next to an easily accessible mains socket.
- To electrically isolate the equipment from the mains supply, remove the mains plug from the socket.
- This equipment has no user serviceable parts inside. Refer all servicing to qualified personnel. Do not remove the casing of the equipment: you risk electrical shock.
- Remove the mains plug from the wall socket when the equipment is not being used for a prolonged period.
- Adequate ventilation is essential to prevent failure of electrical components. Do not block the ventilation slots in the case. Locate the equipment so that it does not present a hazard or interfere with other equipment. Stand the equipment on a firm, level surface, with at least a 25mm all round clearance.
- This equipment is for indoor use only. To prevent damage which might result in electrical shock or fire, do not expose it to rain or excessive moisture.
- Avoid exposing the equipment to direct sunlight and other sources of heat e.g. near a radiator.
- Avoid blocking ventilation for other equipment being used e.g. the TV.
- Do not operate this equipment if any cables are damaged.
- Keep the plastic bags used in the packaging away from children and animals.
- Do not spill liquid on this equipment. If you do, turn it off immediately and call your service manager.
- Do not obstruct or cover any part of the equipment.
- Do not poke objects into the equipment.
- Do not plug this equipment into the mains supply until all the cables have been correctly connected.

## Mains Lead information:

The equipment is supplied with a mains lead that is already fitted with a moulded plug incorporating a 5A fuse. If it does not fit your socket outlet, please consult your manufacturer for an alternative mains lead or suitable adaptor. If you cut off the moulded plug, the fuse should be extracted and the plug safely disposed of. The flexible cord insulation should then be stripped back as appropriate. A suitable alternative plug should then be fitted. If the replacement plug is intended to take a fuse, then a 5A fuse must be used.



**Warning!** The moulded plug, when removed from the cable, presents an electrical shock hazard. It should never be inserted in a mains socket, since there is an extreme danger of electrical shock. It must be disposed of safely and as soon as possible.  
If you are unsure what to do seek assistance from an electrically qualified person.

## Mains Wiring

These models are fitted with a 3-wire mains lead.

**Important:** The wires in the mains lead of this equipment are coloured in accordance with the following code:

**Blue:- neutral      Brown:- live      Earth:- green and yellow**

If the colours of the wires in the mains lead of this equipment do not correspond to the markings identifying the terminals in your plug, proceed as follows:

- The **blue** wire must be connected to the terminal marked 'N' or coloured black or blue.
- The **brown** wire must be connected to the terminal marked 'L' or coloured red or brown.
- The **green and yellow** wire must be connected to the terminal in the plug coloured green and yellow, or marked by the letter E or by the earth symbol.





**WARNING: THIS EQUIPMENT MUST BE EARTHED.**

### UK Fuses

This appliance is supplied with a fitted three pin mains plug for your safety and convenience. A 5A fuse is fitted in this plug. If the fuse is replaced then the replacement fuse must be 5A rated and should be approved by ASTA or BSI to BS1362.



Check for the BSI mark or ASTA mark on the body of the fuse.

If the fitted plug has a removable fuse cover you must ensure that it is fitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

### Caution about epilepsy and anti-flickered images

Certain people are susceptible to epileptic fits or losing consciousness when faced with certain types of flashing lights or frequent elements in our daily environment. These people are exposed to the risk of fits when they are watching certain television images or when viewing some images when web browsing. These phenomena may appear even when the subject has no previous history of this problem or has never suffered an epileptic fit.

If you or a member of your family has already suffered symptoms linked to epilepsy (fit or loss of consciousness) in the presence of light stimulation, please consult your doctor before using this product. If you or any person using the equipment has any of the following symptoms - dizziness, visual disturbance, contraction of the eyes or muscles, orientation problems, involuntary movements or convulsion - please immediately stop viewing and consult a doctor.

Precautions to be taken in all cases when viewing images or games when web browsing

- When web browsing or using a web based game sit at a reasonable distance from the television screen.
- Avoid using the web if you are tired or have lost some sleep.
- Ensure that you are using the equipment in a well lit room, while moderating the brightness of your screen.
- During web browsing or using a web based game, stop for ten minutes every hour.

### Installation

The STB will normally be installed by an appointed installation engineer. If this is the case, you can skip the rest of this section if you wish: the information is provided for reference only. The STB can be set up in one of four different configurations:

- Using a SCART connector, giving picture and stereo sound via either CVBS or RGB formats
- Using an S-Video connector, giving video only (stereo sound is available using the STB's two audio connectors).

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## Mains Wiring

These models are fitted with a 3-wire mains lead.

**Important:** The wires in the mains lead of this equipment are coloured in accordance with the following code:

Blue - neutral      Brown - live      Earth - green and yellow

If the colours of the wires in the mains lead of this equipment do not correspond to the markings identifying the terminals in your plug, proceed as follows:

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- The brown wire must be connected to the terminal marked L or coloured red or brown.
- The green and yellow wire must be connected to the terminal in the plug coloured green and yellow, or marked with the letter E or by the earth symbol.

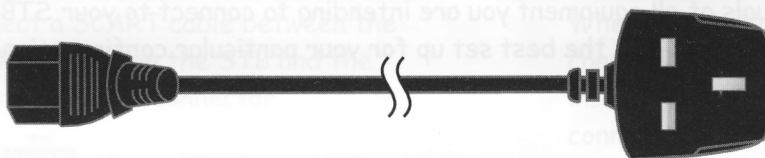
# Unpacking and Installation



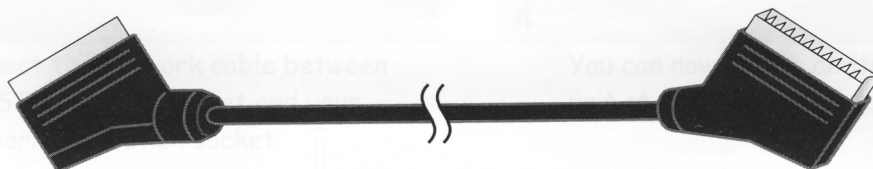
Welcome to the acTiVe 3875 a member of the acTiVe range of Set Top Boxes. We feel certain you will get the maximum enjoyment from this product. Please read this user guide carefully, and be sure that you keep it handy for reference.

## Pack contents

- The acTiVe 3875 Set-Top Box (STB)
- The User Guide and Warranty card
- The Remote Control Handset and Batteries
- A UK mains lead fitted with a 5A fuse. To comply with CE approvals, please ensure you use this lead with the STB.



- A UHF lead or SCART lead (dependant on model)



If anything is missing from the pack please contact your supplier.

## Installation

The STB will normally be installed by an appointed installation engineer. If this is the case, you can skip the rest of this section if you wish: the information is provided for reference only. The STB can be set up in one of four different configurations:

- Using a SCART connector, giving picture and stereo sound via either CVBS or RGB formats.
- Using an S-Video connector, giving video only (stereo sound is available using the STB's two audio connectors).



- Using a CVBS connector, giving video only (stereo sound is available using the STB's two audio connectors).
- Using a UHF connector, giving picture and monaural sound.

It may be that your TV supports several of these configurations. In this case, you need to use the one which will provide the best results. To help you decide, the various output options are listed below in descending order of picture quality. Use the best quality possible for your TV:

- 1 RGB via SCART (best quality)
- 2 S-Video
- 3 CVBS via SCART or CVBS connector
- 4 UHF (not such good quality).

The rest of this section shows you how to connect your STB using each of the available configurations.

Please consult the manuals of all equipment you are intending to connect to your STB as well as this guide to enable you to gain the best set up for your particular configuration.

## The Handset

### Programming

### Handset

### Handset key layout

### TV control Codes

## Troubleshooting

## Technical Specifications

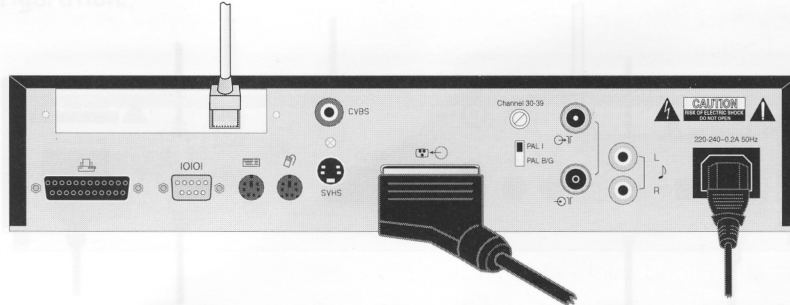
## Installation

The STB will normally be installed by an appointed installation engineer. If this is the case, you can skip the rest of this section if you wish: the information is provided for reference only. The STB can be set up in one of four different configurations:

- Using a SCART connector, giving picture and stereo sound via either CVBS or RGB formats.
- Using an S-Video connector, giving video only (stereo sound is available using the STB's two audio connectors).

## Connection using a SCART cable

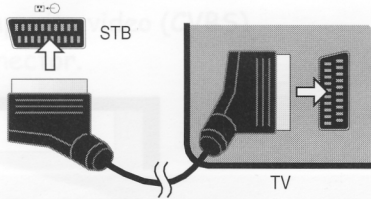
If your television has a SCART connector, you should ideally use it when connecting your STB. The SCART connector carries input and output signals for both picture and sound.



To connect the STB using a SCART connector, follow the instructions below.

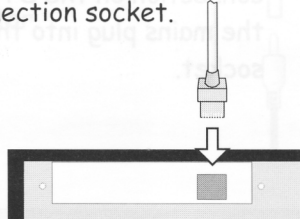
1

Connect a SCART cable between the SCART socket on the STB and the TV's AV SCART connector.



2

Connect the network cable between the STB network socket and your network connection socket.



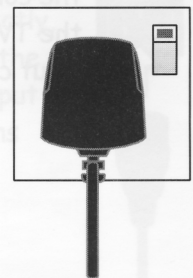
3

When you are satisfied that all connections are made correctly, insert the mains cable into connection and the mains plug into the mains socket.



4

You can now switch on the unit at the mains socket.



The STB outputs both RGB and CVBS signals via the SCART connector. If your TV has several SCART connectors, RGB may only be supported on the first one. For best results the STB should always be connected to the SCART connector that supports RGB input on the TV.

## Connection using SVHS (S-Video) and separate audio connections

Some modern TVs include a 4-pin S-Video connector. If your TV receiver supports this, and you cannot use a SCART connector, you should set up your STB using this configuration.



To connect the STB using an S-Video connector, follow the instructions below.

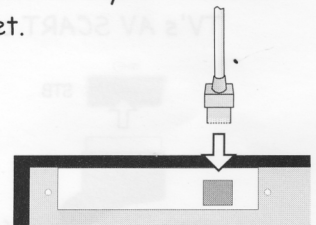
1

Connect an S-Video cable between the connector labelled 'SVHS' on the STB and the TV's S-Video connector.



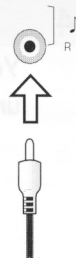
4

Connect the network cable between the STB network socket and your network connection socket.



2

Connect a phono cable between the connector labelled 'R' and the TV's Right channel audio input connector.



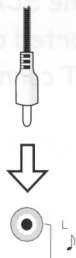
5

When you are satisfied that all connections are made correctly, insert the mains cable into the connection on the STB and put the mains plug into the mains socket.



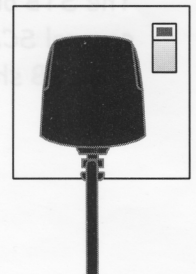
3

Connect a phono cable between the connector labelled 'L' and the TV's Left channel audio input connector.



6

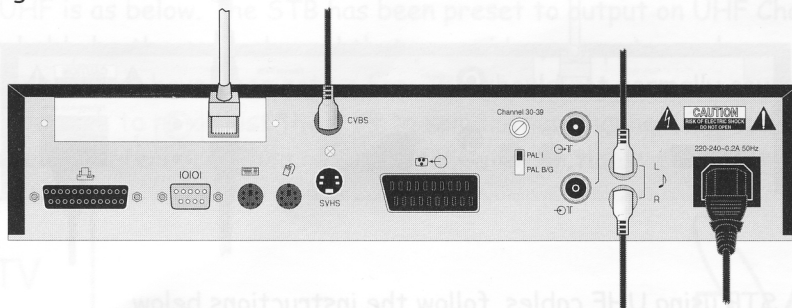
You can now switch on the unit at the mains socket.





## Connection using a CVBS cable and separate audio connections

Some TVs include a Composite Video connector or 'CVBS' input. If your TV receiver supports this, and you cannot use either SCART or S-Video connectors, you should set up your STB using this configuration.



To connect the STB using a CVBS connector, follow the instructions below.

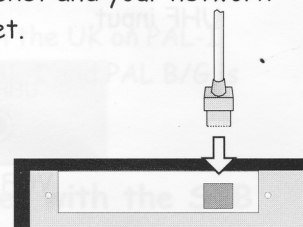
1

Connect a CVBS cable between the connector labelled 'CVBS' on the STB and the TV's Composite video (CVBS) connector.



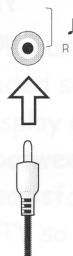
4

Connect the network cable between the STB network socket and your network connection socket.



2

Connect a phono cable between the connector labelled 'R' and the TV's Right channel audio input connector.



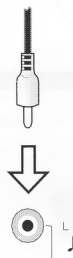
5

When you are satisfied that all connections are made correctly, insert the mains cable into the connection on the STB and put the mains plug into the mains socket.



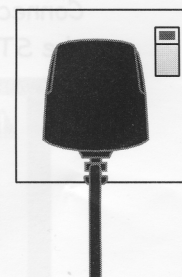
3

Connect a phono cable between the connector labelled 'L' and the TV's Left channel audio input connector.



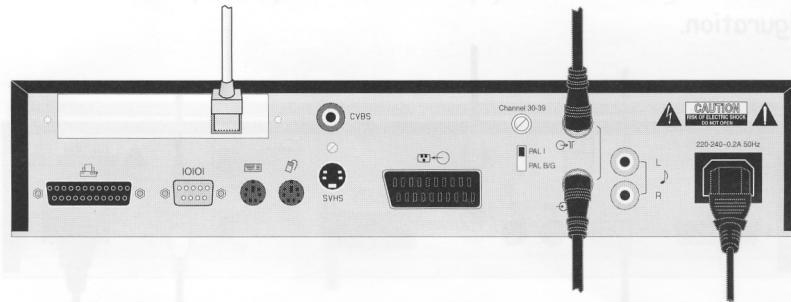
6

You can now switch on the unit at the mains socket.



## Connections using UHF cables

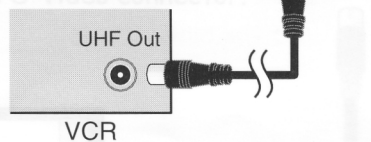
If your TV does not support any of the above connections, you can connect your STB using standard UHF cables.



To connect the STB using UHF cables, follow the instructions below.

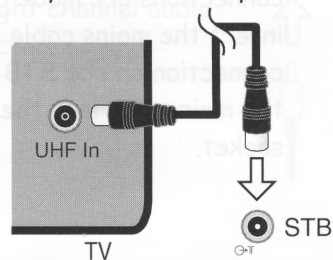
1

Connect a UHF cable from either your aerial or VCR UHF output to the STB UHF input.



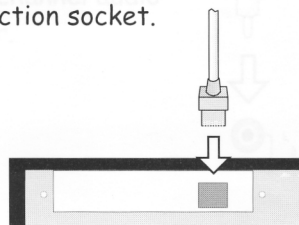
2

Connect a UHF cable from the STB UHF output to your TV UHF input.



3

Connect the network cable between the STB network socket and your network connection socket.



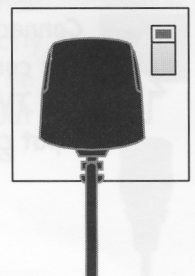
4

When you are satisfied that all connections are made correctly, insert the mains cable into the connection on the STB and put the mains plug into the mains socket.



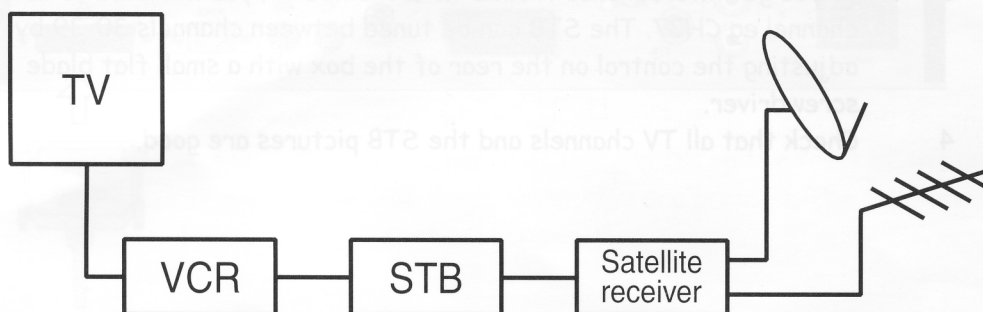
5

You can now switch on the unit at the mains socket.



## UHF interference problems

The STB is designed to fit into systems with either satellite, cable or video recorders connected to the TV, or with just a TV. The optimum configuration when using UHF is as below. The STB has been preset to output on UHF Channel 36. This will probably be the same channel that your video, computer and camcorder or satellite receiver have been set up for. This should not normally cause a problem, but if you wish to re-adjust the STB to some other channel (for instance, if you encounter interference) then read the following section

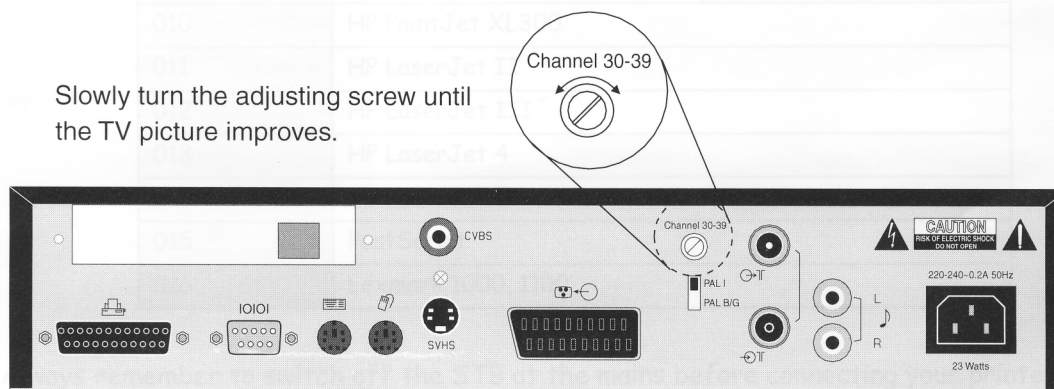


Your STB includes a UHF modulator which is suitable for use in the UK on PAL-I systems. Check before adjustment, that the switch labelled PAL I and PAL B/G is set to PAL I.

## Problems you may have when using a video recorder with the STB

- 1 Switch on the TV, VCR and STB. The STB must be 'ONLINE' ie not 'STANDBY'.
- 2 Select the channel on your TV you use for playing videos.
- 3 Using a small flat-bladed screwdriver, turn the STB channel adjust control to obtain the best display of the video picture. Note that the channel adjust screw will only tune between channels 30 and 39.
- 3 When the display is satisfactory, select the channel you wish to use for your STB and tune in the TV so that you have the best STB picture displayed.

Slowly turn the adjusting screw until the TV picture improves.

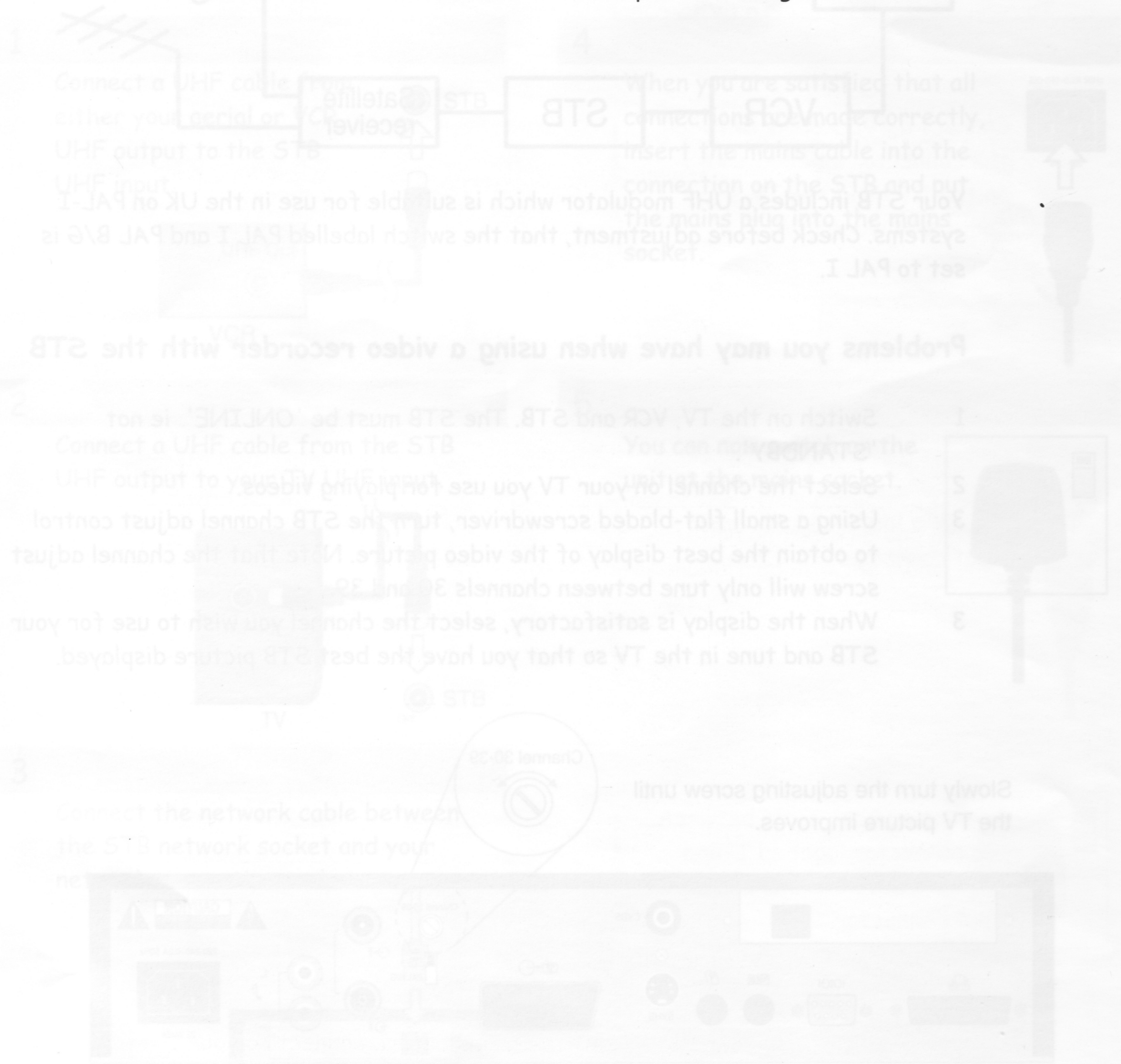




## Connections using UHF cables

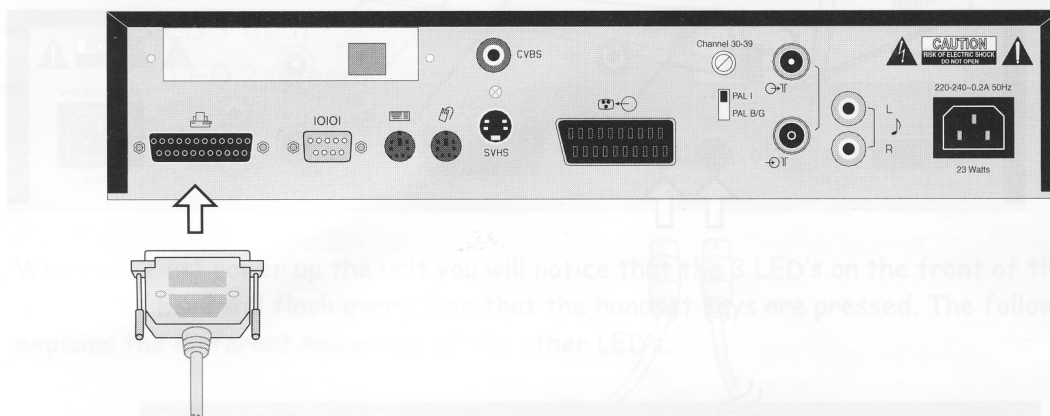
### Problems you may have when connecting directly to the TV aerial

- 1 Switch on the TV and the STB; the STB must be 'ONLINE' ie not 'STANDBY'.
- 2 If you have a TV with fixed channels, select channel 36, then fine tune the TV for the best STB picture. If you have an older TV, tune the TV for the best STB picture by hand.
- 3 If you get interference from a TV transmission, you will need to use another channel eg CH37. The STB can be tuned between channels 30-39 by adjusting the control on the rear of the box with a small flat blade screwdriver.
- 4 Check that all TV channels and the STB pictures are good.



## Connecting a Printer to the STB

If you have a parallel printer, you can connect it to the STB using the 25 way parallel port. You may find that the cable supplied with the printer is suitable, if it is not, consult your printer manual and the technical specification section of this manual to check the appropriate cable to use.



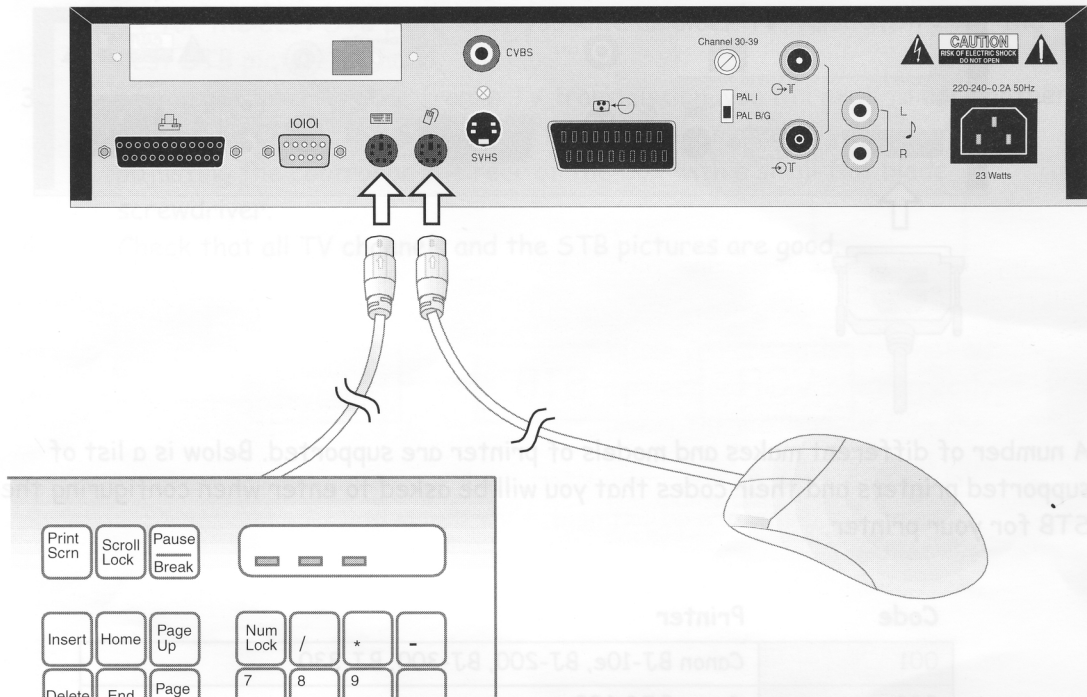
A number of different makes and models of printer are supported. Below is a list of supported printers and their codes that you will be asked to enter when configuring the STB for your printer.

Code	Printer
001	Canon BJ-10e, BJ-200, BJ-300, BJ-330
002	Canon BJC-600
003	Epson FX-80, GX-80
004	Epson FX-85, FX-86, FX-185, FX-286
005	Epson Stylus 800, 1000
006	Epson Stylus Color, Pro, Pro XL
007	HP DeskJet Pro, 500, 510
008	HP DeskJet 500C, 1200C
009	HP DeskJet 660C
010	HP PaintJet XL300
011	HP LaserJet II
012	HP LaserJet III
013	HP LaserJet 4
014	HP LaserJet 5
015	PostScript
016	Lexmark 1000, 1100

Always remember to switch off the STB at the mains before connecting your printer.

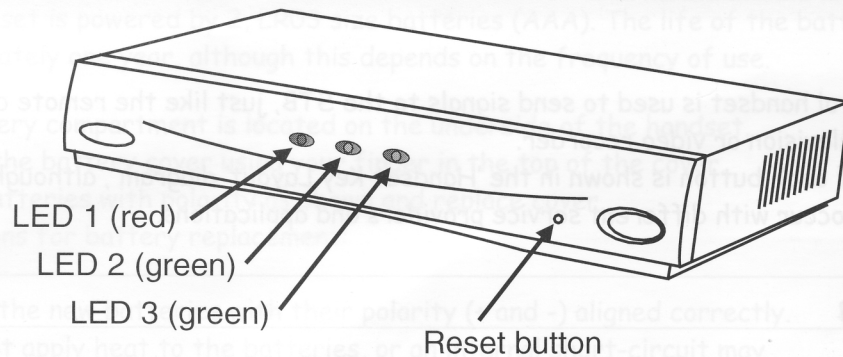
## Optional input devices

If are entering text on your STB for long periods of time you may prefer to use a standard PS/2 keyboard and mouse rather than the handset. The STB has two ports on the rear of the unit for PS/2 keyboard and PS/2 mouse.





### First Power Up of Unit.



When you first power up the unit you will notice that the 3 LED's on the front of the unit will flash. LED 2 will flash every time that the handset keys are pressed. The following table explains the different sequences of the other LED's.

LED 1 (Red)	LED 3 (Green)	Status
On	Flashing	STB is accessing the network
On	Off	STB is in STANDBY.
Off	Flashing	STB is busy (including booting).
Off	On	STB is ONLINE.

# The Handset



A remote control handset is used to send signals to the STB, just like the remote control handset of a television or video recorder.

The function of each button is shown in the 'Handset Key Layout' diagram, although variations may occur with different service providers and applications.

## Programming

The handset is capable of controlling the volume and mute facilities of most TV's available today. If you want to take advantage of this then follow the instructions below. The numbers in brackets correspond to the key numbers on the handset key layout diagram.

1. Look through the 'TV control codes' section of this guide for the make of your TV. There will either be a list of numbers or one single 3 digit number next to the makers' name. Make a note of these numbers.
2. Press the RED (21) and the BLUE (22) keys on the bottom row of the handset simultaneously until the handset LED (1) flashes twice.
3. Enter the first of the 3-digit codes (or the single code), that corresponds to the TV set you wish to control using the number keys on the handset.

**WARNING:** The first figure of the 3-digit code must be entered within 5 seconds of the LED blinking twice. Otherwise the handset LED (1) will flash once and you will have to start again.

4. After the 3-digit code has been entered the handset LED (1) will blink twice to indicate that the code has been accepted.

**WARNING:** If you entered the first digit within 5 seconds but still see one long flash from the handset LED (1), when all 3 digits have been entered, this means the code you entered is invalid. You will then need to repeat the programming sequence.

5. Test that the volume controls on the handset operate your TV Volume. If not, then repeat sections 2-4 with the next 3-digit code in the sequence until the handset operates the TV.

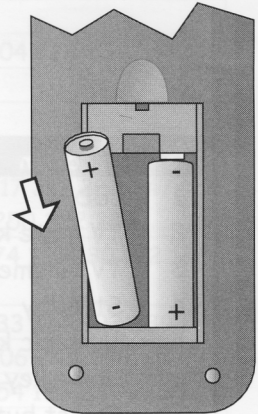
## Batteries

The handset is powered by 2, LR03 size batteries (AAA). The life of the batteries is approximately one year, although this depends on the frequency of use.

The battery compartment is located on the underside of the handset. Lift off the battery cover using your finger in the top of the cover. Insert batteries with polarity as shown and replace cover.

Precautions for battery replacement:

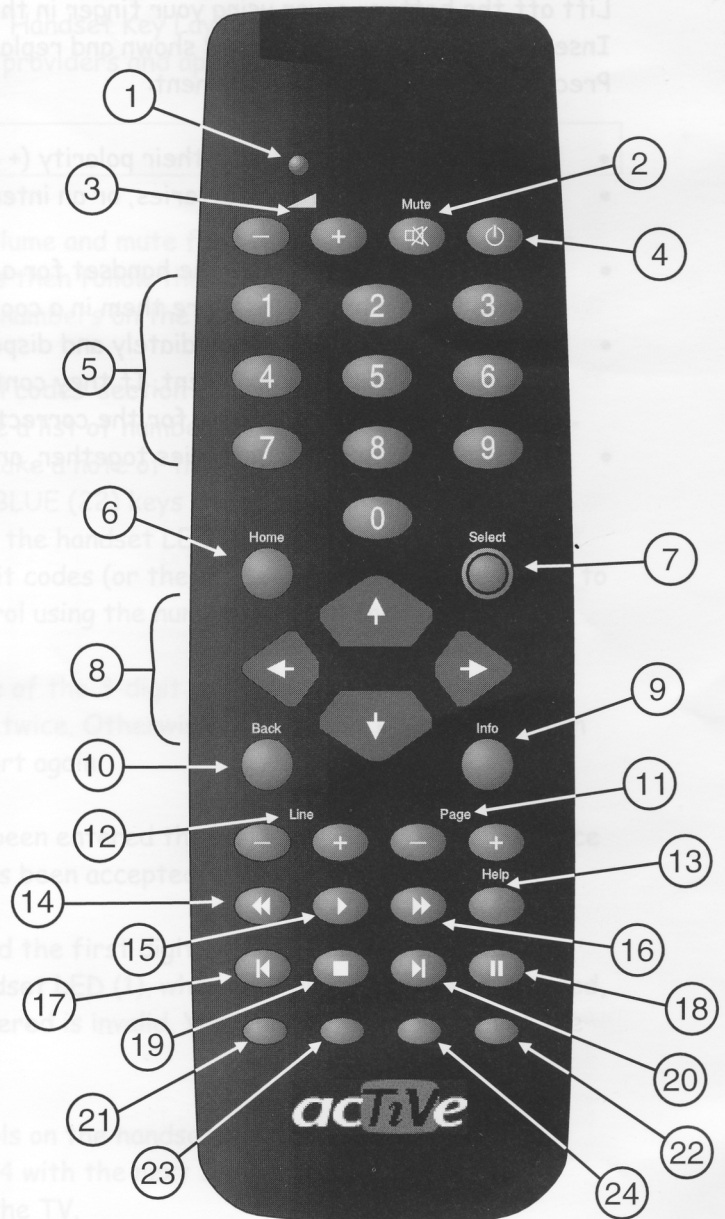
- Load the new batteries with their polarity (+ and -) aligned correctly.
- Do not apply heat to the batteries, or an internal short-circuit may occur.
- If you do not intend to use the handset for a long period of time, remove the batteries and store them in a cool and dry place.
- Remove spent batteries immediately and dispose of them safely and with respect to the environment. If they contain cadmium or mercury, consult your Service Manager for the correct disposal instructions.
- Do not use old and new batteries together, and never use an alkaline battery with a manganese battery.





## Handset key layout

No.	Function
1	LED
2	TV mute key
3	TV volume up and down
4	Standby
5	Numeric keys 0-9
6	Home key
7	Select button to choose currently selected item
8	Cursor direction keys
9	Info key for information or status
10	Back key
11	Page up and down
12	Line up and down
13	Help
14	Fast rewind
15	Play
16	Fast forward
17	Reverse search
18	Pause
19	Stop
20	Forward search
21	Red function key
22	Blue function key
23	Green function key
24	Yellow function key



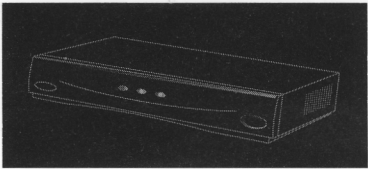
## TV control Codes

Brand	Control codes	Brand	Control codes
Akai	102 104 112 114 116 239	Memorex	217
Akura	117 118 147 207 217 239	Mitsubishi	154 190 204 228 239
Alba	133 207	Nei	207
Amstrad	128	Nikkai	136
Beko	146 147 174	Nokia	102 104 105 107 108 112 114 120 140 217 219 222 247 248 249 250 252 253
Brionvega	190	Nordmende	112 173 174 179 180 182 183 189
Bush	104 112 116	Orion	104 128 133 134 203 239
Crown	146 147 149 169 222	Panasonic	104 153 206 245 246
Daewoo	224 226 239	Philips	100 139 154 182 239 243
Decca	160 162 191 203 208 209 239	Pioneer	112 130 182 239
Dual	104 137 207 235	Saba	104 107 114 173 174 177 179 181 182 183 201
Ferguson	174 188 215 255	Saisho	128 133 203 209 239
Fidelity	112	Salora	104 107 112 120 138 249 253 258
Finlandia	107 120 258	Samsung	136 138 147 209 219 222 239 240 243 244
Finlux	104 139 140 143 151 162 195 208 209 251 254 257 258	Sanyo	119 120 147 151 162 204
Fisher	104 137 147 190 204	Schneider	104 114 137 152 207 209 212 216 217 220 235 239 243
Funai	217	Seleco	111 112 113 152 159 164 170 176 185 187 204
Goldstar	104 112 127 136 138 209 212 217 219 222 239 243	Sharp	204 229
Goodmans	209 222 224 243	Siemens	136 154 158 197 198 199 200 204 233 239
Granada	112 209	Sony	202 204 227
Grundig	145 154 155 156 157 233 240	Technics	245
Hinari	114 207 222 243	Telefunken	173 174 175 186 196 197 200 234 256
Hitachi	102 104 107 112 122 123 124 125 126 136 179 182 196 209 239	Thomson	104 173 174 179 180 182 183
Jvc	230 231 232	Thorn	100 107 112 114 119 120 121 122 124 139 145 151 154 162 163 173 175 188 202 204 205 215 221 227 239
Loewe	190 192 208 239	Thorn-Ferguson	163 174 188 215
Matsui	103 112 128 133 203 209 222 239 243	Toshiba	121 144 205 221

# Troubleshooting



Before calling for assistance, determine the symptoms and make a few simple checks by going through the list of problems below. If you still can not solve your problem then contact your supplier for further assistance.

Problem	Probable Cause	Suggested Remedy
No display on the screen	Incorrect connection to TV or STB TV channel not selected	Check SCART, S-Video, CVBS or UHF cable, connections check TV channel
	TV channel incorrectly set	Check channel choice or tuning of TV
	STB in STANDBY	Press standby button
Display of STB drawing on screen - 	Network disconnected	Check connections to network at both STB and Wall
Remote control not working	Batteries not connected or expired	Press buttons on Handset and check that LED on Handset flashes. If it does not flash check and/or replace batteries
Remote control LED flashing when keys pressed but LED 2 on STB does not flash at same time	IR window obscured on STB	Check that nothing is obscuring the path from the handset to the unit. Check by holding Handset in front of Unit and retesting.
LED 3 flashes for long period of time	System is busy - possibly downloading large image or table	Wait for 5 minutes. If not recovered, put the STB in standby and then turn on again.
Any other problem not described.	Unknown	Switch the STB into standby and on again.
		Press the reset switch on the front of the STB.



# Technical Specification



## Remote control unit specification

Remote Control:	Infrared
Coding system:	RC5
Number of keys:	38
Battery type:	2 x LR03 or AAA
Battery life:	Approx. 12 months

## STB power supply specification

Single phase, 220-240 volts AC 50Hz, 0.2A, 23W.

## Electronic details

Processor:	ARM 7500FE 32-bit RISC running at 56MHz
Main memory:	16MByte minimum, service upgradable to 32MByte
Operating system:	ROM-based kernel
Operating temperature range:	+5 to +35°C at 80% humidity (non-condensing)
Video TV system:	ITU-R 625 lines, 50 fields, PAL
Video output level (SCART):	I colour signal 0.7 Vp-p into 75 ohm (RGB) 1.0 Vp-p into 75 ohm (Composite)
Video output level (CVBS):	1.0 Vp-p into 75 ohm (Composite)
Video (UHF) channel:	RF modulated UHF channel 36 75 ohm
Audio output Level:	Nominal 0.5V rms @ -11.2dB of full scale digital value
Audio Frequency Response:	20Hz-20kHz +/- 3dB
Audio Signal to Noise:	> 80dB
PS/2 keyboard :	5VDC 300mA max
PS/2 mouse :	5VDC 80mA max

## Physical details

Dimensions:	H 73mm W 370mm D 250mm
Weight:	2.8 Kilogrammes

Specifications are subject to change without notice.

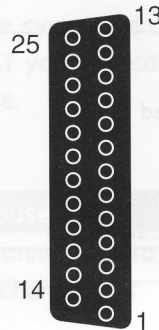
## Directives and standards

EN55022	Conducted and radiated emissions	EN61000-4-2	ESD
EN61000-4-3	RF immunity	EN61000-4-4	Electrical fast transients
EN60950	Safety	ENV50204	RF Pulse immunity



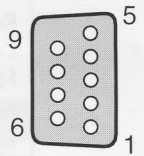
## Parallel port

Pin	Signal	Pin	Signal
1	Data Strobe*	2	Data 1
3	Data 2	4	Data 3
5	Data 4	6	Data 5
7	Data 6	8	Data 7
9	Data 8	10	Acknowledge*
11	Busy	12	Paper error
13	Select	14	Auto feed*
15	Error*	16	Init*
17	Select in*	18	Ground
19	Ground	20	Ground
21	Ground	22	Ground
23	Ground	24	Ground
25	Ground		



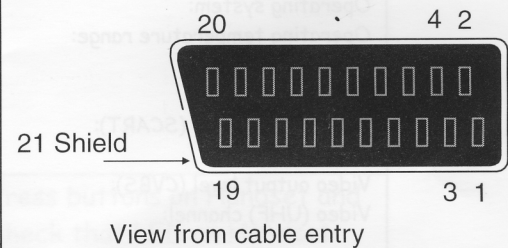
## Serial port IOIOI

Pin	Signal	Pin	Signal
1	DCD	2	RXD
3	TXD	4	DTR
5	Ground	6	DSR
7	RTS	8	CTS
9	RI		

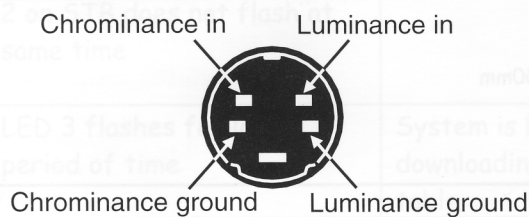


## SCART

Pin	Signal	Pin	Signal
1	Audio output right	2	Not connected
3	Audio output left	4	Ground
5	Ground	6	Not connected
7	Blue video	8	Function switching slow
9	Ground	10	Not connected
11	Green video	12	Not connected
13	Ground	14	Ground
15	Red video	16	Fast blanking
17	Ground	18	Ground
19	Video output CVBS	20	Not connected
21	Shield		



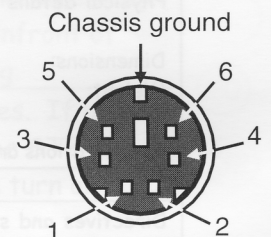
## S-Video SVHS



View into socket face

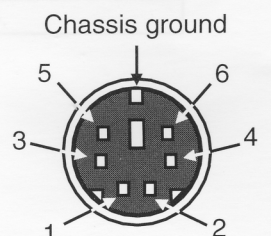
## Keyboard

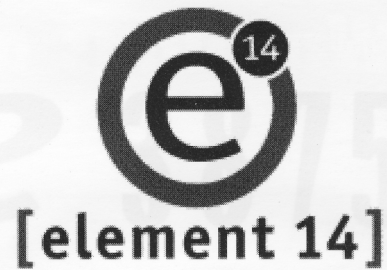
Pin	Signal name
1	Keyboard data
2	Not connected
3	0V
4	+5V
5	Keyboard clock
6	Not connected



## Mouse

Pin	Signal name
1	Mouse data
2	Not connected
3	0V
4	+5V
5	Mouse clock
6	Not connected





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## Parallel

Pin	Signal	Pin	Signal
1	Data 1	13	Data 1
3	Data 2	15	Data 2
5	Data 3	17	Data 3
7	Data 4	19	Data 4
9	Data 5	21	Data 5
11	Busy	23	Acknowledge*
13	Select	25	Paper error
15	Error*	27	Auto feed*
17	Select in*	29	Init*
19	Ground	31	Ground

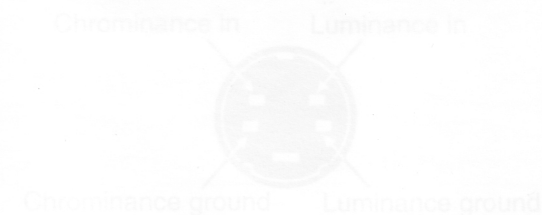
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If you have any comments on this manual, please contact Element 14 at the following address:

Pin	Signal	Pin	Signal
1	Audio output right	13	Not connected
3	Audio output left	15	Ground
5	Ground	17	Not connected
7	Blue video	19	Function switching slow
9	Ground	21	Not connected
11	Green video	23	Not connected
13	Ground	25	Ground
15	Red video	27	Fast blanking
17	Ground	29	Ground
19	Video output CVBS	31	Not connected

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## S-Video



View into socket face

## Keyboard

Pin	Signal name
1	Keyboard data
2	Not connected
3	0V
4	+5V
5	Keyboard clock
6	Not connected

## Mouse

Pin	Signal name
1	Mouse data
2	Not connected
3	0V
4	+5V
5	Mouse clock
6	Not connected

## Serial port 10101

Pin	Signal	Pin	Signal
1	DCD	2	TXD
3	TXD	4	RTS
5	Ground	6	TXD
7	Not connected	8	TXD
9	Not connected	10	TXD