akura

User Manual
Digital Set Top Box

AMTDT-2010

Please read this User Manual carefully to ensure proper use of this product and keep this manual for future reference.

Customer Help Line 01422 263313

Table of Contents

Introduction

Thank you for purchasing this product which has been designed and manufactured to give you many years of trouble-free service.

About This User Guide

This user guide contains all the information you need to know about how to setup and watch available free view Channels using your set top box.

What is Freeview?

It is the new, free digital service currently providing up to thirty digital channels, over twenty digital radio stations plus a whole new world of interactive services. It is broadcast from transmitters and is received via a rooftop aerial. Freeview works like traditional TV, but because the signals are digital you need a set top box or interactive digital TV to convert them. This means more channels can be transmitted with extra features such as interactivity and widescreen pictures.

Accessories In the Box

Remove your Digital set top box carefully from the box ,and remove the packaging from each part.

You will find the following items:

- Digital set top box with fitted mains plug
- Remote Control with 2XAAA batteries (not installed)
- User Manual

DVB
Digital **V**ideo
Broadcasting

Trade Mark of the DVB Digital Video Broadcasting Project(1991 to 1996)

Safety Information

```
          CAUTION
     RISK OF ELECTRIC SHOCK
         DO NOT OPEN
```

Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Instructions before you operate this product.

Keep this information in a safe place for future reference. Please read all the safety information before using the product.
Safety Considerations.

- Position the cables so that they cannot be walked on or pinched by items placed on or against them.
- Do not use the set top box in humid or damp conditions.
- Do not allow the set top box to get wet.
- Do not expose the set top box to dripping or splashing.
- Do not place water filled objects such as vases on top of the set top box.
- Do not place naked flame sources, such as candles, on the top of the set top box.

Cleaning

- ALWAYS unplug the set top box before you clean it.
- Do not use liquid or aerosol cleaners.
- Clean the set top box with a soft, damp (not wet) cloth.

Ventilation

- The slots and openings on the set top box are for ventilation. Do not cover or block them as it may cause overheating.
- NEVER let children push anything into the holes or slots on the case.

Servicing

- There are no user serviceable parts in this set top box.
- When servicing, refer to qualified service personnel.
- Consult your dealer if you are ever in doubt about the installation, operation or safety of this unit.

Battery Care
Do not break open or throw on a fire exhausted batteries.
If batteries "leak" remove immediately, clean out any residue with warm soapy water, do NOT allow water to enter the main body of the Remote Control, dry thoroughly before fitting new batteries.
Do not throw old batteries in the domestic waste. Contact your local waste authority for disposal instructions.

Safety Information Continued.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.

The exclamation point within an equilateral triangle is intend to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Correct disposal of this Product
(Waste Electrical & Electronic Equipment (WEEE)
The crossed out "Wheelie bin" is intended to show that this appliance must not be placed with ordinary household waste at the end of its useful life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please keep separate from other household waste and recycle it responsibly to promote the sustainable reuse of material resources.
Household users should contact either the retailer where you purchased the product, or their local government office for details of where and how you can take this item for environmentally safe re-cycling.
Business users should contact their supplier and check the terms and conditions of the purchase contract. This product must not be mixed with other commercial wastes for disposal

Lightning.
During a thunderstorm or when leaving the appliance for long periods such as holidays, disconnect the aerial input (if external aerial) and remove the mains plug, This is to prevent power surges damaging the apparatus
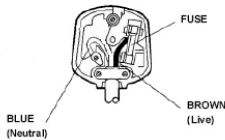
IMPORTANT
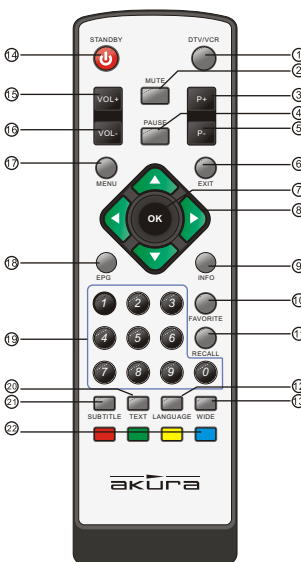For your safety. If the mains plug needs replacing, proceed as follows :-
DO NOT CONNECT THE CENTRE PIN (EARTH).
Connect the Blue wire to the (N) terminal (this may be coloured blue).
Connect the Brown wire to the (L) terminal adjacent to the fuse (this may be coloured brown).
This appliance must have a 3A fuse fitted.

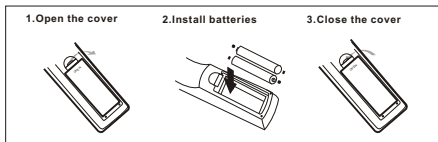# Remote Control

Remote Key Function:

1. **DTV/VCR:** Used to switch between the VCR SCART input and the DTV output mode.
2. **MUTE:** Used to turn the sound on or off.
3. **P+:** Used to changing the channels.
4. **PAUSE:** Used to pause or playback the program being viewed .
5. **P-:** Used changing the channels.
6. **EXIT:** Used to return to the previous screen or menu.
7. **OK :** Used to confirm a selection within a menu.
8. **CURSORS(Up/Down/Left/Right)::** Used to move around the menu screens.
9. **INFO:** Used to display information about the channel being viewed or further information about the program when in small EPG screen.
10 **FAVORITE:** Used to access your favourite channels.
11. **RECALL:** Used to switch between the last two viewed channels.
12. **LANGUAGE:** Used to switch between different audio languages that are broadcasted.
13. **WIDE:** Used to change the TV picture aspect.
14. **STANDBY:** Used to switch the set top box to on and off.
15. **VOL+:** Used to changing the volume.
16. **VOL-:** Used to changing the volume.
17. **MENU:** Used to open the main menu window.
18. **EPG:** Used to display information about the program being viewed and what's on next.
19. **NUMBER KEYS:** Used to select channel numbers or input numbers in menus.
20. **TEXT:** Used to open interactive digital teletext display if teletext available in the broadcasted stream.
21. **SUBTITLE:** Used to switch almong different subtitles that are broadcasted.
22. **COLOR KEYS(Red/Green/Yellow/Blue):** Used to operate different functions in TEXT screen or other menus.

Note: SUBTITLE/TEXT/LANGUAGE may not be available for all channels.

Installing the Batteries

Remove the battery cover from the remote control and put 2XAAA size batteries inside the compartment.
The diagram inside the battery compartment shows the correct way to install the batteries.

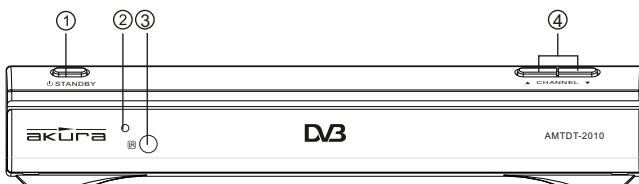| 1.Open the cover | 2.Install batteries | 3.Close the cover |

Using the Remote Control

To use the remote control, point it towards the front of the digital set top box
The remote control has a range of up to 7 metres from the set top box at an angle of up to 60 degrees.
The remote control will not operate if its path is blocked.

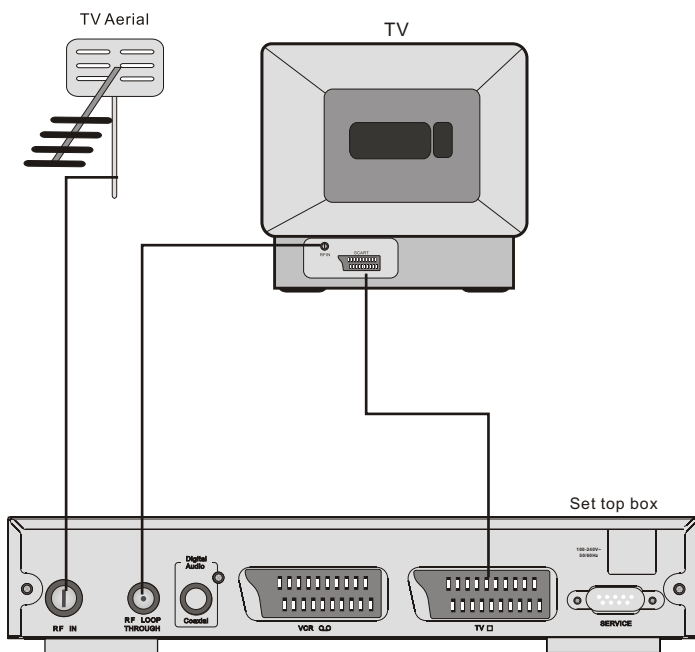## Front Panel and Rear Panel Illustration

1. Front panel

① **POWER BUTTON:** Used to switch the set top box on and off.
② **STANDBY INDICATOR:** Used to visually show power state of the set top box, the green LED will be light if turned on the set top box and the red LED will be light if the set top box entered standby mode.
③ **REMOTE CONTROL SENSOR:** Used to receive the signal from the remote control.
④ **CHANNEL UP/DOWN:** Used to change channels without using the remote control.
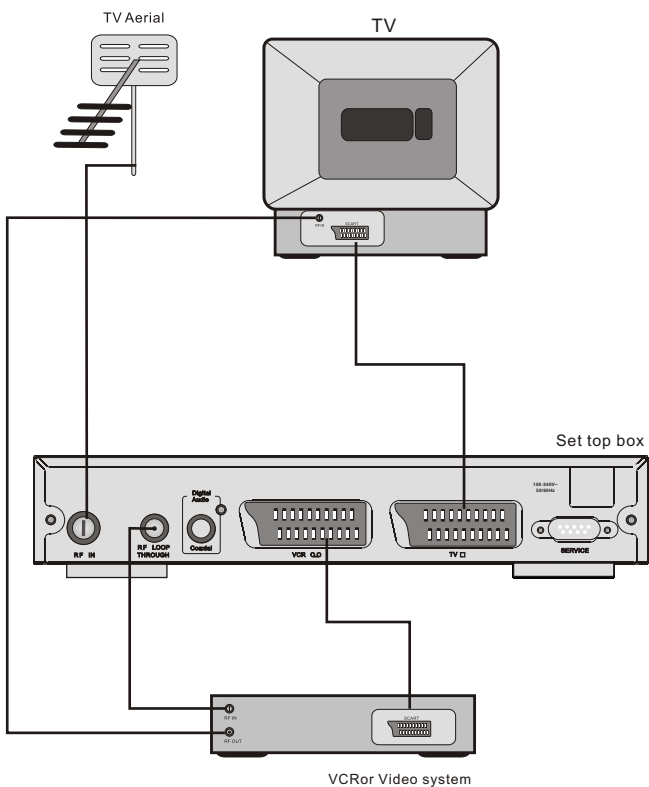
2. Rear panel
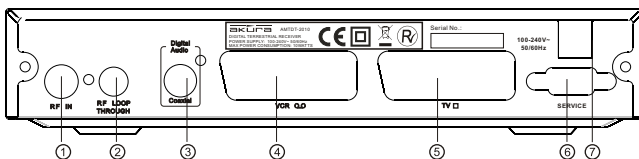
① **RF IN :** This socket connects to your external aerial.
② **RF LOOP THROUGH:** This socket will bypass the RF signal to either your TV or another video system.
③ **COAXIAL:** This socket connects to a coaxial socket on your surround sound system.
④ **VCR SCART:** This socket connects to either a DVD or other video system.
⑤ **TV SCART:** This socket connects to your TV.
⑥ **RS-232 PORT:** This socket is only used for software upgrade.
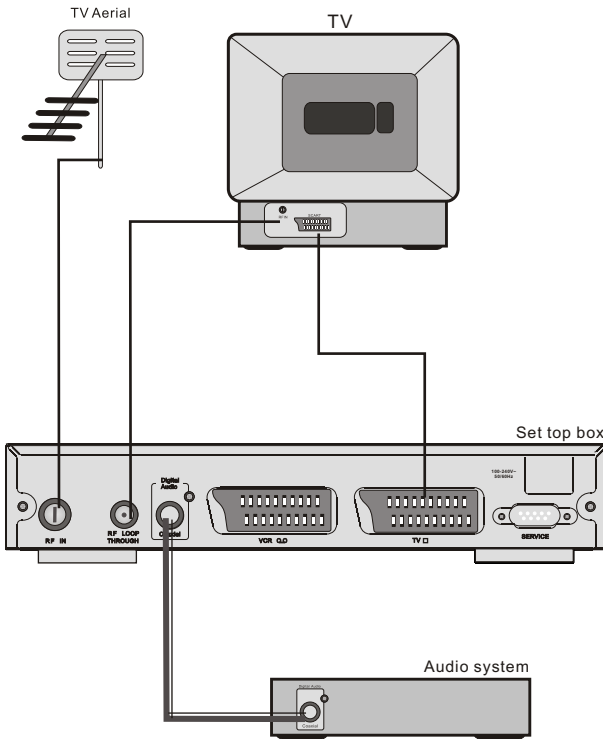⑦ **MAINS CABLE:** This is used to connect to your main power supply.

TV Aerial

TV

Set top box

RF IN

R F LOOP THROUGH

Digital
Audio

Coaxial

VCR

TV

SERVICE

TV Aerial

TV

Set top box

Digital Audio

Coaxial

RF IN

RF LOOP THROUGH

VCR Q.D

TV

SERVICE

100-240V~ 50/60Hz

RF IN

RF OUT

SCART

VCR or Video system

TV Aerial

TV

Set top box

Audio system

Getting Started

### *Switching on for the first time*

Turn on the Tv set and select the corresponding AV input (with the AV key, or
Similar on the remote control. Some Tv's will switch automatically.

Turn on the main power supply to the STB, the indicator on the front of the unit will
turn red and then green. In standby mode, the indicator light will be red. In
working mode, the indicator light will be green.

- If you use the STB for the first time or have deleted all channels information
  in the STB, a "TV Setting" menu displays.
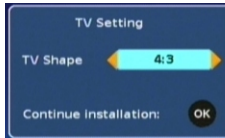
- Press "LEFT" or "RIGHT" cursor button   to choose either "16:9" or "4:3".

- Press "OK" button   to continue installation , a confirmation message
  window displays as right.
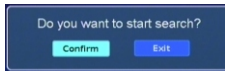
- Press "LEFT" or "RIGHT" cursor button to highlight "confirm".
- Pres s "OK" button to continue. " Scan Progress" menu will appear and list
  the channels as they are found. A bar appears below the listing panel that
  indicates the progress of the channel search.
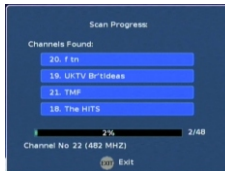
- When all available radio and television channels have been found, the
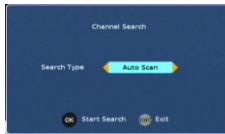 channel at the top of the list will be viewed.

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Automatic channel scan

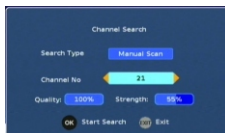1) Press the "MENU" button to enter the main menu of the STB.

2) Press the "UP" or "DOWN" cursor button to select Channel Search
3) Press the "OK" button to enter the sub-menu.
4) Highlight the "Search Type" and press "LEFT" or "RIGHT" cursor button to select "Auto scan".

5) Press th "OK" button to start searching.
6) Press "EXIT" button to quit.

Manual channel scan

1) Press the "MENU" button to enter the main menu of STB.
2) Press the "UP " or "DOWN" cursor select "Channel Search"
3) Press the "OK" Button to enter the sub-menu.
4) Highlight the "Search Type" and press "LEFT" or "RIGHT" cursor to select "Manual Scan".

5) Press "DOWN" cursor to select "Channel No" section, and enter desired Channel Number.
6) Press the "OK" button to start searching.
7) Press "EXIT" button to quit.

Note: When the search is finished, the first channel of the channel list is displayed you can now watch digital terrestrial televison.

System Setting

Many aspects of your STB can be set to reflect your circumstances and preference. The System Setting menu is accessed from main menu.

A/V Setting

This menu allows the users to set TV shape, Video Output and OSD Transparency.
1), Press the "MENU" button to enter the main menu of the STB,
2), Press the "UP" or "DOWN" cursor to select System Setting,
3), Press the "OK" button to enter the sub-menu,
4), Press "UP" or "DOWN" button to select "A/V Setting" and Press "OK" button to enter its sub-menu.
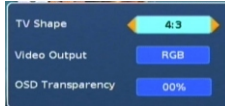
TV Shape options: 4:3 / 16:9
Video Output options: RGB / CVBS
OSD Transparency range: 0~100%

5), Press "UP" or "DOWN" button to select the desired item and press "LEFT" or "RIGHT" button to select desired setting,
6), Press "MENU" button to return the upper menu and "EXIT" button to quit.

Antenna Power
This menu allows users to active the antenna power supply for external active antenna.
1, Enter the System Setting menu, press "UP" or "DOWN" cursor to highlight the Antenna Power menu.
2, Press "OK" button to enter the Antenna Power menu,
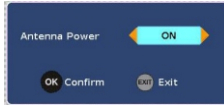
3, Press "LEFT" or "RIGHT" cursor to to set the status to "ON" or "OFF",
4, Press "OK" button to save the setting and quit, press the "EXIT" button to quit without save the setting.
Do NOT Select this feature if you do NOT have an antenna amplifier connected, You may damage this product.

First Time Installation
This menu allows the user to delete all existing channels in the STB, and reset the STB to factory default setting.
1),Enter the System Setting menu, press "UP" or "DOWN" button to highlight the "First Time Installation".
2),Press "OK" button to confirm, a confirmation window appears.
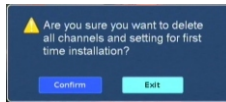
3),Press "LEFT" or "RIGHT" cursor to highlight "Confirm" icon, press "OK" button to start first time installation.
4),Or Highlight "Exit" icon, press "OK" button to cancel the first time installation.

System Info
This menu allows users to view the software version and hardware version of the STB.
1),Enter the System Setting menu, press "UP" or "DOWN" cursor to highlight the System Info menu.
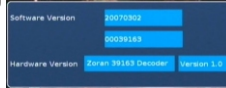
2),press "OK" button to open up the information box. You can view the software

Change Pin Code
This menu allows users to change pin code
1), Enter the System Setting menu, press "UP" or "DOWN" cursor to highlight the Change Pin Code menu.
2), Press "OK" button to enter the sub-menu.
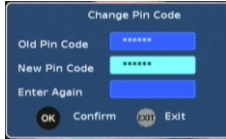
3), Enter the old pin code using the numeric buttons(Default pin code is 888888).
4), Press "UP" or "DOWN" cursor to select "New Pin Code" and enter six new numbers with numeric buttons(0~9).
5), Press"UP"or "DOWN" cursor to select "Enter Again", and enter the new pin code again with numeric buttons(0~9).
6), Press "OK" button OK to confirm the changed pin code.

Software Update
This menu allows users to update the software version.
1, Enter the System Setting menu, press "UP" or "DOWN" cursor to highlight the Software Update menu.
2, Press "OK" button to enter the sub-menu,

Auto Mode:
1),Enter the software update menu, press "UP" or "DOWN" cursor to highlight Auto Mode.
2),Press "OK" button to enter Auto Mode menu,
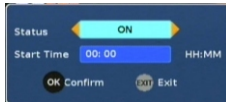
3),Press "LEFT" or "RIGHT" cursor to set the status to "ON",
4),Press "UP" or "DOWN" cursor to select Start Time. Use the numeric button to enter the time in HH:MM mode.
5),Press "OK" button to save the setting and quit, then the system will start auto update at the set time.

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Basic Operations

Manual Mode:
1) Enter the Software Update menu, press "UP" or "DOWN" cursor to highlight Manual Mode.
2) Press "OK" button to enter Manual Mode menu.
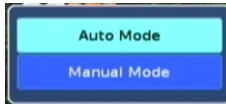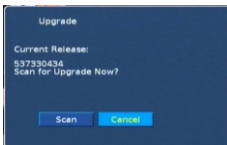

3) Press "LEFT" or "RIGHT" cursor to highlight "Scan" icon.
4) Press "OK" button to start updating.
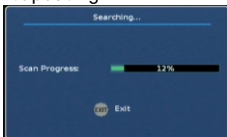
5) Press "Exit" button to quit.

Changing Channels
There are four ways of channel selection - stepping through the channel list, selection by number, from the on-screen channel list, and using the Channel Schedule.
1, Stepping through the channel list:
Press the "P+" button to browse up and the "P-" button to browse down the available channels.
2, Selection by number:
Enter the complete channel number directly by remote control to select desired channel.
3, Selection by on-screen channels list:
You can also select the desired channel directly from on-screen channel list. This is displayed using the STB's

a), Press the "MENU" button to enter main menu of the STB.
b), Press the "UP" or "Down" cursor to select "Channel List".
c), Press the "OK" button to enter the channel list menu.
d), Press "UP" or "DOWN" cursor to highlight the desired channel.
e), Press "OK" button to preview the selected channel.
f), Press "EXIT" button to quit the channel list and view the cahnnel of full screen.

4, Selection by Channel Schedule:
You can also select the desired channel directly from Channel Schedule. This is displayed by pressing the "EPG" button on the remote control. The Channel Schedule provides the users with a brief description of the programme on the currently selected channel and lists the current channels.
1),Press the "EPG" button to enter the Channel Schedule .

2),Press the "P+" or "P-" cursor to select the desired channel, the screen switches to the programme on the currently selected channel.
3), Press "EXIT" button to quit the Channel Schedule and view the channel on full screen.

Recall
You can switch to the previous viewed channel by pressing "RECALL" button.

Volume Control
The volume level of the STB can be altered with the "VOL+" or "VOL-" button on the remote control.
You can silence the sound from the receiver by pressing the "MUTE" button. The sound remain muted until the "MUTE" button is pressed again,or until the "VOL+" or "VOL-" button is pressed, or until the receiver is turned off and on again.

Teletext
Press "TEXT" button to Open/Close the interactive digital text.

Subtitle
Press "SUBTITLE" button to switch the programmes subtitle to On/Off.

Displaying program information
You can read the current program information by pressing "INFO" button on the remote control, then the program information table will automatically remove in 3~5 seconds.

TV Format
You can change the TV picture aspect by pressing "WIDE" button repeatedly on the remote control.
When you set "TV shape" to "4:3" in the System Setting->A/V Setting menu, you can switch the TV format to "FullFrame","Pan&Scan" or "LetterBox". But when set to "16:9", can switch to "Auto", "FullFrame", "VerticalCut" or "PillarBox".

Pausing the current picture
You can freeze the current picture by pressing "PAUSE" button on the remote control. Press the button again to switching the current broadcasting program.
Note: the broadcast between these two pauses will be skipped.

Channel Schedule

From the channel schedule(EPG, Electronic Programme Guide), you can change channels available, check programme information, access one-week programme schedule which details the times and programmes for the next seven days.
1, Press the "EPG" button to enter the Channel Schedule.

2, Press "CH+" or "CH-" button to preview the current programme on the selected channel, and check the current programme information.
3, Press "LEFT" or "RIGHT" cursor to navigate the program lists in next seven days.
4, Press "UP" or "DOWN" cursor to highlight the desired programme.
5, Press "OK" button to add the reminder, then reminder icon will appear alongside the selected programme, press "OK" button again to remove the reminder. When the reminder programme is about to start, a reminder window will appear.
6, Press "EXIT" button to quit the channel schedule.
Note: The current broadcasting programme can not be set to the reminder event.

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Channels List

The Channel List presents a list of all channels found during the channel search. From the Channel List you can watch and listen to the selected channels, delete them from the list, set a password to access the channel.
1), Press "MENU " button to enter the main menu of the STB.
2), Press "UP" or "DOWN" cursor to highlight the "Channel List"
3), Press "OK" button to enter Channel List menu.
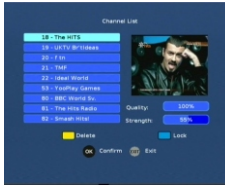
4), Press "UP" or "DOWN" cursor to highlight a channel.
5), Press "OK" button to preview the selected channel.
6), Press "EXIT" button to quit the channel list menu and view the channel on full screen.

Delete a channel:
1), Enter the channel list menu, press "UP" or "DOWN" cursor to select a channel.
2), Press "Yellow" button to delete the selected channel

Lock/Unlock a channel:
1), Enter the channel list menu, press "UP" or "DOWN" cursor to select your desired channel.
2), Press "Blue" button, you are asked to enter the pin code.
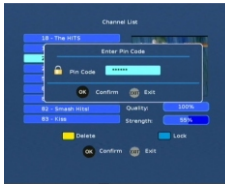
3), Enter a correct pin code using the numeric buttons, press "OK" button to confirm.(the default pin code is 888888)
4), Then a lock symbol displays alongside the selected channel, it shows that the channel has been locked.
5), Repeat step 1)2)3) to remove the lock symbol.
6), Press "EXIT" button to quit the channel list.

Favourite list

This menu allows the user to store a list of your favourite channel. So that you can access them more easily. In this STB, you have five favourite lists to set, each family member can have his own favourite list.

Adding channels to favourite list:
1), Press the "MENU" button to enter the main menu of the STB.
2), Press the "UP" or "DOWN cursor to select "Favourite List".
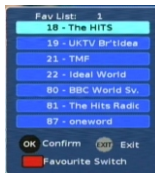3), Press the "OK" button to enter the favourite list menu.

4), Press "Red" button to switch the desired favourite list.
5), Press the "UP" or "DOWN" cursor to highlight the desired channel in the selected favourite list.
6), Press "OK" button to add the selected channel to the favourite list.
7), Press "EXIT" button to quit.

Remove favourite channels from favourite list:
1), Press the "MENU" button to enter the main menu of the STB.
2), Press the "UP" or "DOWN cursor to select "Favourite List".
3), Press the "OK" button to enter the Favourite List menu.
4), Press "Red" button to switch the desired favourite list.
5), Press "UP" or "DOWN" cursor to highlight the favourite channel in the favourite list.
6), Press "OK" button to remove the channel from the favourite list.
7), Press "EXIT" button to quit.

Accessing the favourite channels:
1),Press the "FAVORITE" button to enter the favourite list.
2),Press "Red" button to switch to the desired favourite list.
3),Press "UP" or "DOWN" cursor to select the favourite channel in the selected favourite list.

4),Press the "OK" button to view the favourite channel on full screen.
5),Press "EXIT" button to quit.

Help and Advice

Problem	Possible cause	Remedy
Dead. Led not lit.	Power not connected to STB	Check STB is plugged in and power switch turned on
No picture on Tv. Led green.	Output of STB not connected or selected	Check AV connection to Tv.
		Check Tv has AV input selected.
No signal found.	Aerial is disconnected	Check aerial connection
	Aerial is poor or damaged.	Check aerial condition. If indoor, it may not be suitable
	Not in reception area	Check with local dealer
Some channels missing	Poor reception area or signal.	Some signals are stronger than others. Have your aerial checked.
Pictures freeze or break into blocks	As above	As above
No remote control functions	Batteries exhausted	Replace batteries every 6 months.
	Object blocking I/R signal	Remove any objects in I/R 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"

Technical Specification

Power Supply

Input Voltage   100-240V~ 50/60Hz.
Power Consumption   Maximum 10W, Standby 5W.

Decoder

Transmission: stream DVB-T TS
Profile Level: ISO/IEC 13818-2 MPEG-2(MP@ML)
compatibleInput Rate :15Mbps Max.
Video Formats: PAL, 4:3/16:9
Video Output CVBS, RGB
Audio Formats: MPEG Layer I & II 32/44.1/48KHz

Connection

Main Power Cable   Fixed Type
Tuner   1 Antenna input / 1 Antenna Loop Through output
Scart   1 for VCR/1 for TV
RS-232   1 for software upgrade
RCA   1 COAXIAL SPDIF digital audio output