akura

INSTRUCTION MANUAL

AMTDT3502

HDD Personal Video Recorder

Customer Help Line: 01422 263313

Opening Hours: Mon-Fri 8am-8pm, Sat 9am-4pm, Sun 11am-4pm

Or visit our website at www.ekey.co.uk

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 DVB-T?

It works like traditional TV, but because the signals are Digital you need a set top box to convert them. This means more channels can be transmitted with extra features such as interactivity and wide screen pictures.

PVR (Personal Video Recording) Instruction:

It supports up-to-55-hours recording time with 80G hard disk.
If more than 55 hours recording time needed, you should change the hard disk with higher capacity one easily by yourself.
In the case of that, it is necessary to format new HDD.
Please refer to the section of PVR setting on page 16 for detail.

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
- AV cable
- RF loop through cable

Look out for this symbol. It indicates useful and important tips.

DVB
Digital **V**ideo **B**roadcasting

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

Safety Information

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 Disposal

- Please ensure batteries are disposed of safely.
- Never dispose of batteries in the fire or with household waste.
- Check with your local authority for disposal regulations.
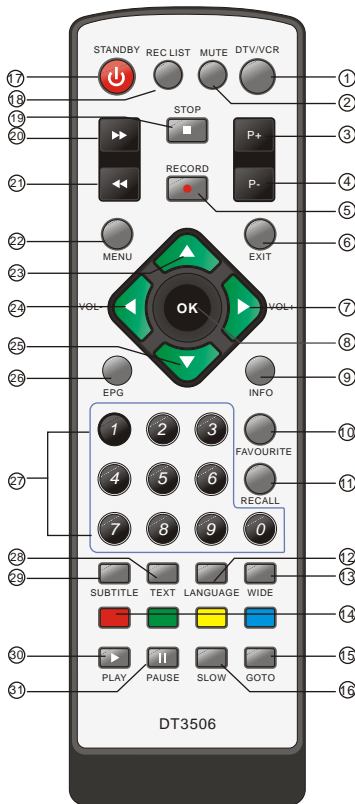
Remote Key Function:

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 change channels.

4) P-: Used to change channels.

5) RECORD: Used to record the program manually, and select the record duration if pressed it again. the user can change the watching channel if recording the specific program

6) EXIT: Used to return to the previous screen or menu.

7) VOL+/RIGHT：Used to move around the menu screens or changing the volume in non-menu state.

8) OK：Used to confirm a selection within a menu.

9) INFO：Used to display information about the channel being viewed.

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 aspect ratios.

14) COLOR KEYS(RED/GREEN/YELLOW/BLUE): Used to operate different functions in TEXT screen or other menus.

15) GOTO: Used to select the playback start time in HDD playback mode.

16) SLOW: Used to adjust the slow speed in HDD playback mode.

17) STANDBY：Used to switch the set top box to on and off.

18) RECORD LIST: Used to view the recorded program.

19) STOP: Used to stop the current recording if exist or stop the HDD playback back to DTV mode.

20) FAST FORWARD: Used to adjust the forward speed if in HDD time shifting playback mode.

21) FAST BACKWARD: Used to adjust the backward speed if in HDD time shifting playback mode.

22) MENU：Used to open the main menu window.

23) UP：Used to move around the menu screens.

24) VOL-/LEFT：Used to move around the menu screens or changing the volume in non-menu state.

25) DOWN：Used to move around the menu screens.

26) EPG：Used to display information about the program being viewed and what's on next.

27) NUMBER KEYS：Used to select channel numbers or input numbers in menus.

28) TEXT: Used to open teletext OSD display if digital teletext available in the broadcasted stream.

29) SUBTITLE: Used to switch between different subtitles that are broadcasted.

30) PLAY: Used to resume the playback if stopped or in time shifting mode(FF,FB,SLOW etc).

31) PAUSE：Used to pause or playback the program being viewed.

Note: SUBTITLE/TEXT/LANGUAGE may not 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
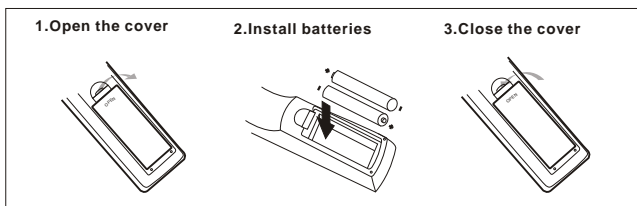
Using the Remote Control

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.
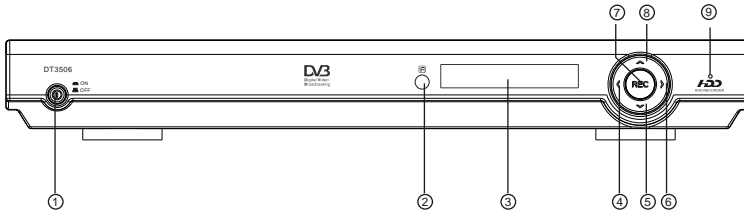
The remote control will not operate if its path is blocked.

Sunlight or very bright light will decrease the sensitivity of the remote control.
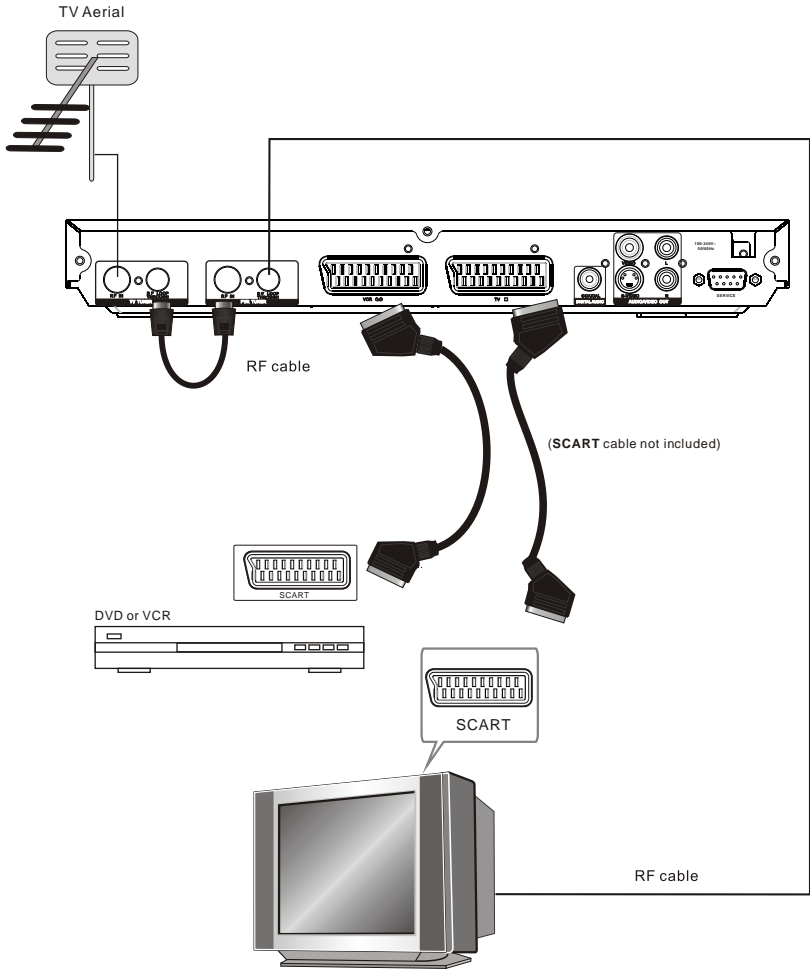
Front Panel and Rear Panel Illustration

1) POWER BUTTON: Used to switch the main power of the set top box to on and off.
2) REMOTE CONTROL SENSOR: Used to receive the signal from the remote control.
3) LED DISPLAY: Used to display the channel number and time information and other play states.
4) VOLUME DOWN: Used to decrease the volume without using the remote control.
5) CHANNEL DOWN: Used to change channels without using the remote control.
6) VOLUME UP: Used to increase the volume without using the remote control.
7) RECORD: Used to record the program manually, and select the record duration if pressed it again.
   the user can change the watching channel if recording the specific program.
8) CHANNEL UP: Used to change channels without using the remote control.
9) STANDBY INDICATOR: Used to visually show power state of the set top box,
   the red LED will be light if the set top box entered standby mode.
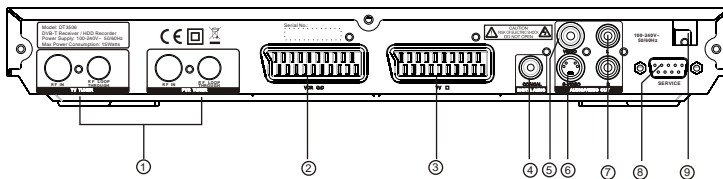
 1) RF IN / RF LOOP THROUGH (PVR and TV tuner)
   PVR/TV RF IN socket connects to your external aerial. PVR/TV RF LOOP THROUGH socket will
   bypass the input RF signal to another tuner or your TV or other video system. See connection
   pages for details
 2) VCR SCART: This socket connects to either a DVD or another video system.
 3) TV SCART: This socket connects to your TV.
 4) COAXIAL: This socket connects to a coaxial socket on your surround sound system to output
    digital audio.
 5) CVBS video: This socket outputs composite video signal.
 6) S-Video output: This socket outputs separate Y/C video signal.
 7) AUDIO L/R: This socket outputs analog audio L/R signal.
 8) RS-232 PORT: This socket is only used for software upgrade.
 9) MAIN POWER CABLE: This is used to connect to your main power supply.

TV Aerial

RF cable

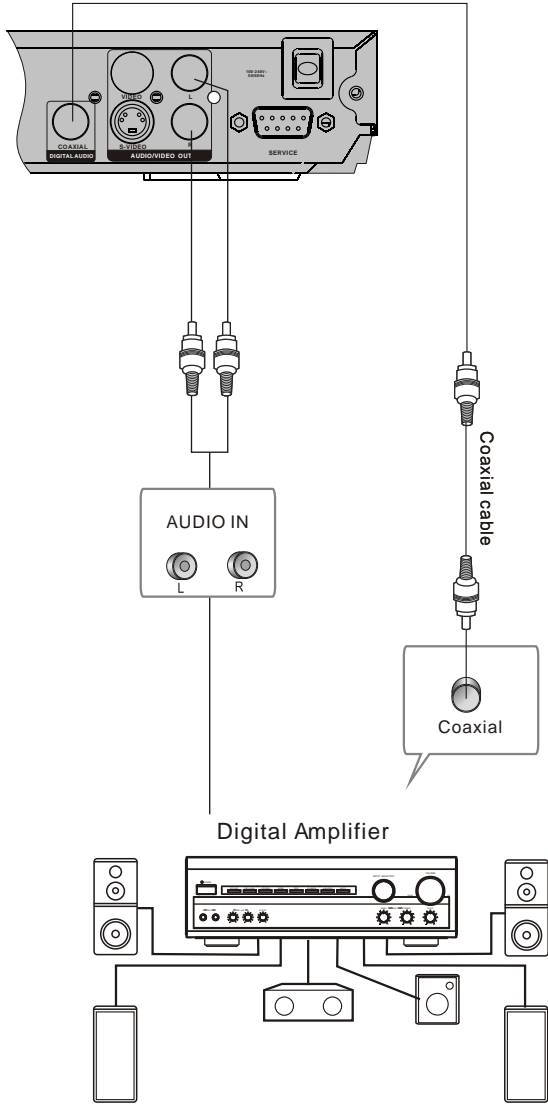(**SCART** cable not included)

SCART

DVD or VCR

SCART

RF cable

Connecting to a Television

RED WHITE

Composite video or S-VIDEO

YELLOW

VIDEO IN
S-VIDEO
OR
VIDEO

AUDIO IN
L
R

AUDIO IN
L   R

Coaxial cable

Coaxial

Digital Amplifier
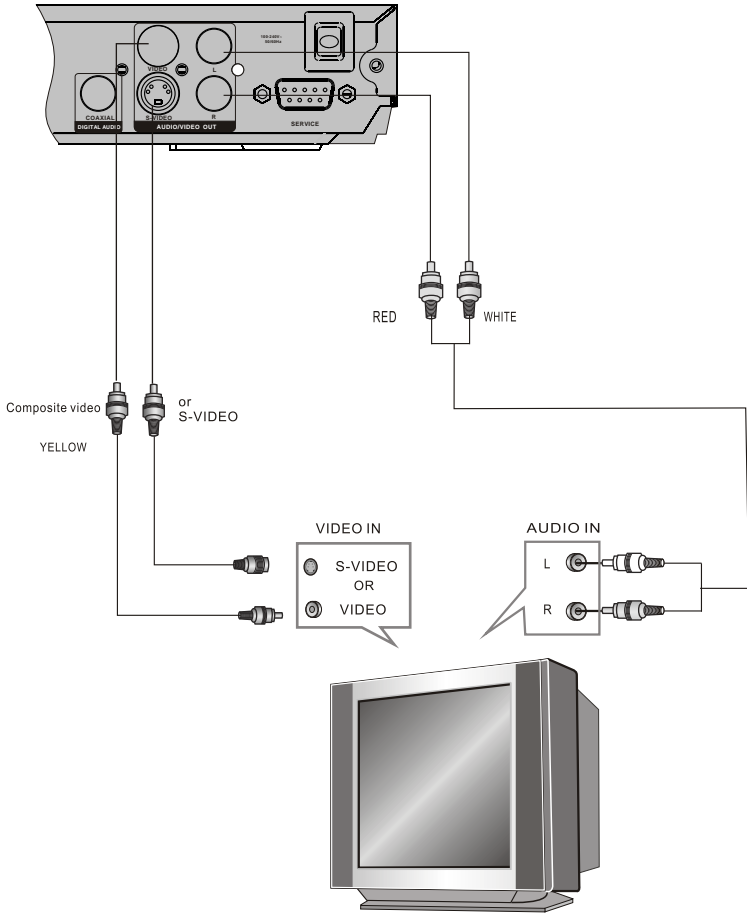
Getting Started

### Switching on for the first time

Turn on your TV set and select the corresponding AV input (with the AV key or simular, on the television remote control).

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.

```
                     TV Setting

       TV Shape          4:3

       Continue installation:    OK
```
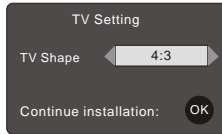
- Press the "LEFT" or "RIGHT" cursor button to choose either "16:9" or "4:3".

- Press the "OK" button   to continue installation , a confirmation message window displays as right.

```
       Do you want to start search?
         Confirm        Exit
```
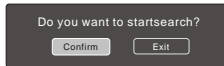
- Press the "LEFT" or "RIGHT" cursor button to highlight "confirm".
- Press the "OK" button to continue. " Scan Progress" menu will appear and list the channels as they are found. A bar appears below the listing panel that indicates the progress of the channel search.

```
                  Scan Progress:
       Channels Found:
           20. f  tn
           19. UKTV B/ t/deas
           21. TMF
           18. The HITS
              43%                22/48
       Channel No  42 (642  MHZ)
                      Exit
```
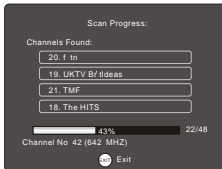
- When all available radio and television channels have been found, the channel at the top of the list will be viewed.

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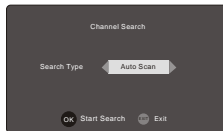 1) Press the "MENU" button to enter the main menu of the STB.

  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 the "LEFT" or "RIGHT" cursor button to select "Auto Scan".

  5) Press the "OK" button to start searching.
  6) Press the "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 to select "Channel Search"
  3) Press the "OK" Button to enter the sub-menu.
  4) Highlight the "Search Type" and press the "LEFT" or "RIGHT" cursor to select "Manual Scan".
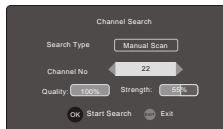
  5) Press the "DOWN" cursor to select "Channel No" section, and enter desired Channel Number.
  6) Press the "OK" button to start searching.
  7) Press the "EXIT" button to quit.

Note: When the search is finished, the first channel of the channel list is displayed you

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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
First Time Installation
System Info
Change Pin Code
Software Update
DTR Setting
OSD Setting

A/V Setting

This menu allows the users to set TV shape, Video Output and OSD Transparency.
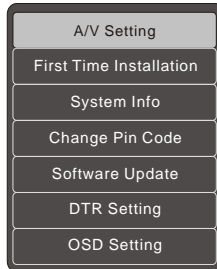1). Press the "MENU" button to enter the main menu of the STB,
2). Press the "UP" or "DOWN" cursor to select System Setting,
3). Press the "OK" button to enter the sub-menu,
4). Press the "UP" or "DOWN" button to select "A/V Setting" and Press the "OK" button to enter its sub-menu.

TV Shape	4:3
Video Output	RGB
OSD Transparency	00%
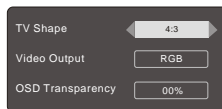
TV Shape options: 4:3 / 16:9
Video Output options: RGB / CVBS
OSD Transparency range: 0~100%

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

First Time Installation

This menu allows the user to delete all existing channels in the STB, and reset the STB to factory default setting.

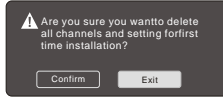1). Enter the System Setting menu, press the "UP" or "DOWN" button to highlight the "First Time Installation".

2). Press the "OK" button to confirm, a confirmation window appears.

> ⚠ Are you sure you want to delete all channels and setting for first time installation?
>
> Confirm   Exit

3). Press the "LEFT" or "RIGHT" cursor to highlight "Confirm" icon, press the "OK" button to start first time installation.

4). Or Highlight "Exit" icon, press the "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 the "UP" or "DOWN" cursor to highlight the System Info menu.

> Software Version   20070703
>   39162000
> Hardware Version   Zoran 39163 Decoder   Version 1.0
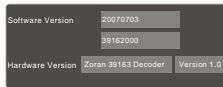
2). Press the "OK" button to open up the information box. You can view the software version and hardware version of the STB in this box

Change Pin Code

This menu allows users to change pin code

1), Enter the System Setting menu, press the "UP" or "DOWN" cursor to highlight the Change Pin Code menu.

2), Press the "OK" button to enter the sub-menu.

> Change Pin Code
> Old Pin Code   ••••
> New Pin Code
> Enter Again
> OK Confirm   ••• Exit
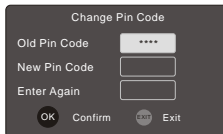
3), Enter the old pin code using the numeric buttons(Default pin code is 6666).
4), Press the "UP" or "DOWN" cursor to select "New Pin Code" and enter 4 new numbers with numeric buttons(0~9).
5), Press the "UP" or "DOWN" cursor to select "Enter Again", and enter the new pin code again with numeric buttons(0~9).
6), Press the "OK" button to confirm the changed pin code.

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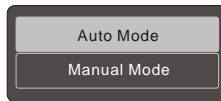1, Enter the System Setting menu, press the "UP" or "DOWN" cursor to highlight the Software Update menu.
2, Press the "OK" button to enter the sub-menu,

| Auto Mode |
| Manual Mode |

Auto Mode:
1), Enter the software update menu, press the "UP" or "DOWN" cursor to highlight Auto Mode.
2), Press the "OK" button to enter Auto Mode menu,

Status	ON	
Start Time		HH:MM
OK Confirm		Exit
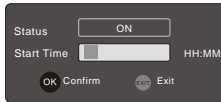
3), Press the "LEFT" or "RIGHT" cursor to set the status to "ON",
4), Press the "UP" or "DOWN" cursor to select Start Time. Use the numeric button to enter the time in HH:MM mode.
5), Press the "OK" button to save the setting and quit, then the system will start auto update at the set time.

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

Upgrade		Searching...
Current Release:		
537330434 Scan for Upgrade Now?		Scan Progress: 12%
Scan Cancel		Exit

DTR Setting

You can modify the time shift duration, format the hard disk, check the hard disk information or set the auto discard mode here.
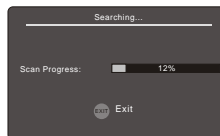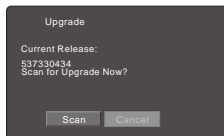
Time Shift Duration

Adjust the time shift duration according to the options: 30/60/90/120 minutes.

Format Hard Disk

After pressed the OK button, you need input the right PIN code to proceed the format operation.

HDD Information

Display the hard disk information of this unit if an available hard disk attached.

Auto Discard Setting

When the HDD is full erase the exist recordings as to their type, the choices are: "Oldest, Shortest, Biggest", select "Excluded" to remove the unviewed recordings otherwise choose "Included".

Time Shift 30 Min ▶	Auto Discard Setting
Format Hard Disk	Deleting Setting: ◀ Oldest ▶
HDD Information	
Auto Discard Setting	Exclude unviewed recordings
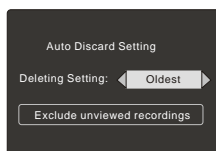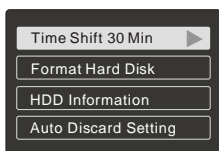
OSD Setting

You can modify the timeout of the OSD banner here. The options can be: 5 seconds, 10 seconds, 15 seconds, 20 seconds, the OSD menu will turn off if timeout.

Timers

Follow below steps to activate the Timer window:

1). Enter the main menu, press the "UP" or "DOWN" button to highlight the "Timer".

2). Press the "OK" button to confirm, a pop up window appears.

When a timer start time is reached, the receiver starts to record or view the desired programme, then when the end time is reached, the record stops. Filter the timers with the RED button and Delete with the OK button.

	Timer				
No	SERVICE NAME	Start Date	Start	End	Mode
001	Classic Hits Wee	19.11.2004	13:00	15:59	
002	Fashion on Frid	19.11.2004	16:00	17:59	
003	Matchmaker	19.11.2004	17:00	17:59	
004	Then & Now	19.11.2004	18:00	18:59	

OK Delete   Filter   Exit
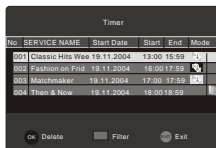
Channels List

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 or set a password to access the channel.
1), Press the "MENU " button to enter the main menu of the STB.
2), Press the "UP" or "DOWN" cursor to highlight the "Channel List"
3), Press the "OK" button to enter Channel List menu.
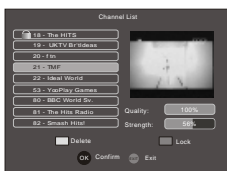
4), Press the "UP" or "DOWN" cursor to highlight a channel.
5), Press the "OK" button to preview the selected channel.
6), Press the "EXIT" button to quit the channel list menu and view the channel on full screen.

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

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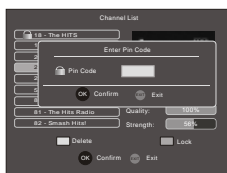
3), Enter the correct pin code using the numeric buttons, press the "OK" button to confirm.(the default pin code is 888888)
4),Then a lock symbol displays alongside the selected channel, it shows that the channel has been locked.
5), Repeat step 1)2)3) to remove the lock symbol.
6), Press the "EXIT"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

This menu allows the user to store a list of your favourite channels so that you can access them more easily. In this STB, you have five favourite lists to set potentially, 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".
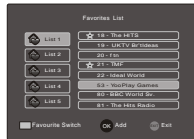3), Press the "OK" button to enter the favourite list menu.

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

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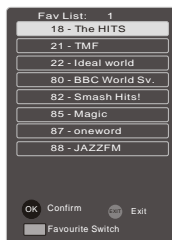1),Press the "FAVOURITE" button to enter the favourite list.
2),Press the "Red" button to switch to the desired favourite list.
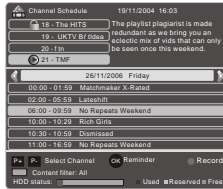3),Press the "UP" or "DOWN" cursor to select the favourite channel in the selected favourite list.

Basic Operations

Channel Schedule(EPG)

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 the "CH+" or "CH-" button to preview the current programme on the selected channel, and check the current programme information.
3, Press the "LEFT" or "RIGHT" cursor to navigate the programme lists for the next seven days.
4, Press the "UP "or "DOWN" cursor to highlight the desired programme.
5, Press the "OK" button to add a reminder for viewing or RECORD button to add a timer for record, then reminder or record icon will appear alongside the selected programme, press the "OK" button again to remove the reminder. When the reminder or record programme is about to start, a reminder window will appear.
6, Press the BLUE button to set the content filter.
7, Press the " EXIT" button to quit the channel schedule.
Note: The current broadcast programme cannot be set as a reminder event.

Changing Channels

There are four ways of channel selection - stepping through the channel list, selection by number, from the Channel Schedule, or using the on-screen channel list.
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 via the remote control to select desired channel.

3,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 the "EXIT " button to quit the Channel Schedule and view the channel on full screen.

4), Selection by on-screen Channel List:
You can also select the desired channel directly from on-screen channel list. This is displayed using the STB's main menu.
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 the "UP" or "DOWN" cursor to highlight the desired channel.
e), Press the "OK" button to preview the selected channel.
f), Press the "EXIT" button to quit the channel list and view the channel on full screen.

Channel List
🔒 18 - The HITS
19 - UKTV Br'tIdea
20 - f tn
▶ 21 - TMF
22 - Ideal World
53 - YœPlay Game
80 - BBC World Sv
81 - The Hits Radio
82 - Smash Hits!
83 - Kiss
OK Confirm   EXIT Exit

Recall
You can switch to the previously viewed channel by pressing the "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 remains 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.

Digital Teletext

Many digital terrestrial television channels not only broadcast pictures and sound for programme but also pages of information on the programmes, the weather, news and many other topics.Some channels are entirely given over to digital teletext and carry no normal TV programme at all. These dedicated digital teletext channels will not give a quarter-screen image in the Channel List screen. When such a channel is selected, after a brief pause, they will usually display the opening page of information automatically.

Other channels have digital teletext pages broadcast alongside the television programme and often include a reduced-size broadcast picture within digital teletext pages. These usually require the TEXT button to be pressed to activate the digital teletext pages.

In both cases, moving through the different pages of information is accomplished in a variety of ways, dependent on the individual broadcasters, but including use of the UP/DOWN/LEFT/RIGHT and OK keys to select items from on-screen menus, and the coloured keys to jump directly to particular pages.

You can exit any digital teletext channel by changing channels in any of the normal ways. You can leave the digital teletext function of a combined digital teletext /programme channel, to return to normal television viewing of that channel, by pressing the TEXT key.

Calling for the information banner or any menu on-screen stops the racier from displaying the digital teletext pages and they are temporarily replaced by a blank picture while the banner or menu is displayed.

Digital teletext cannot be accessed when the Subtitles are enabled.

Subtitle

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

Displaying programme information

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

TV Format

You can change the TV picture aspect ratio 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"(no scaling will be done),"Pan&Scan"(stretch by 4/3 in the horizontal axis, typically when coming picture is 16:9 widescreen format) or "LetterBox"(picture stretch by 3/4 in the vertical axis, typically when coming picture is 16:9 widescreen format). But when you set it to "16:9", you can switch to "Auto"(detect the aspect from TS automatically), "FullFrame", "VerticalCut"(stretch by 4/3 in the vertical axis, typically when coming picture is 4:3 standard format) or "PillarBox"(stretch by 3/4 in the horizontal axis, typically when coming picture is 4:3 standard format). The target is to get a non-distortion picture on the users' TV.

Pausing the current picture

You can freeze the current picture by pressing the "PAUSE" button on the remote control. Press the button again to switch the current broadcast programme back on to "live".

Note: the broadcast between these two pauses will be skipped.

Record Operations

Before using the record operations, please check the two tuner(TV/PVR tuner) connections in connection pages.

Watch One Channel While Recording Another
The recording will receive the digital TV signal from the PVR tuner and the watching will receive the digital TV signal from TV tuner, this makes it possible to watch one channel while recording another channel.
There are 2 ways to start a recording:
1).Press the RECORD key while watching the live TV, the recording of the current channel will start in several seconds, you can press the RECORD key again while recording started to set the duration of the recording, the default duration is 2 hours.
2).Schedule Recording in full EPG menu, press the RECORD button to booking a recording once you selected a valid programme event.
Once recording takes effect, the user can changing the current viewed channel as they want while the system is doing recording at the background.

Changing the viewed channel while recording
Press the CH+/- keys to change the watching channel while the PVR is doing background recording.

The RECORD button.
Pressing the **RECORD** button, the record will start using the PVR tuner, you can press the CH+/- keys to change your viewing channel while the first recording in background. A second record will start using the TV tuner if you pressed the RECORD button again. If you did 2 recordings at the same you cannot change the channel unless you stop one of it.
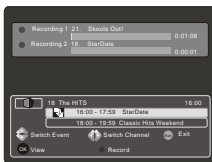
The STOP button
Press the **STOP** button will stop the current time shift or confirm to stop the recording.

The PVR INFO button
Press this button, the detailed time information and progress bar will be displayed while recording or playback the program.

**The ◄◄ ►► button , SLOW and PAUSE button.**
If the Time Shift enabled by pressing the PAUSE button one, you can use these buttons to do time shifting feature.

Time-Shifting(Pause Live Recording)

Have you been interrupted with a phone call or the doorbell while watching live TV programs, inevitably missing out on a crucial scene? Pause and replay live TV by simply pressing the **PAUSE** button once(In the PVR INFO banner the timeshift will commence,) and then **PLAY** button to pick up right where you left off. Just like the live TV mode, This unit provides a slew of file playback functions such as pause, instant replay, time-shifting with the scroll bar, fast-forward,rewind and so on. To terminate Pause Live Recording press **STOP** button. The duration of Time Shift can be adjusted from the DTR Setting->Time Shift Duration.

The REC List button

Press this button the recorded program list will be displayed. You can Play from the beginning or Continue play from last stop or Rename the recording name or Delete one exist recording or Lock&Unlock a selected recording. On the right-up corner, you will find the detailed information of the selected recording. On the bottom of the screen, you will find the help information and HDD status.
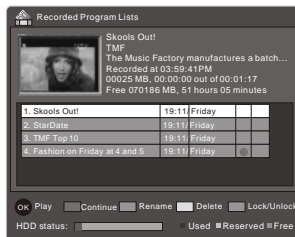
Hard Disk Installation/ replacement
Please note when replacing hard disk (HDD), the hard disk must format before start
using (this can be done in the "DTR Setting" menu).
Note: make sure that the main AC power is turn off and all cable is disconnect from this
unit while installing/replacing the Hard Disk (HDD).
Tool required: a screw driver
A)   Remove old Hard Disk Drive (HDD)

Remove 6 screws
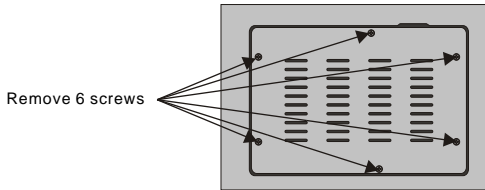
   1. Turn this unit upside down and locate the HDD trap door, un-crew the 6 screws
       surrounding the edge of the HDD trap door.
   2. Once done open the HDD trap door and locate the two cables that connected to
       the HDD.
   3. First disconnect the power cable that connected to your hard disk.
   4. Then disconnect the IDE data cable from the HDD.

B)   Insert new Hard Disk Drive (HDD)

Jumper setting
for "master"

   1. Check and make sure that your new HDD jumper setting is set to MASTER
        position.
   2. Re-connect the power cable to your hard disk drive (HDD) then.
   3. Re-connect the 40 pin flat data cable to the IDE socket on the HDD.
   4. Place the HDD into its housing, close the HDD trap door and tighten all the 6
        screws.
   5. Once complete, you can now re-connect the main AC power of this unit and
        reconnect to your TV, now turn on the main AC power.
   6. 1). Press the Menu button on the remote controller and enter the main menu,
           press the OK button again to enter the System Setting menu.
       2). Press the UP or DOWN button to highlight the "DTR Setting", then press
           the OK button to enter its submenu.
       3). High light and select "Format Hard Disk" option and press OK button, you
           will see a warning message, press the OK button, then you have to enter the
           4 digits pin code (default is 6666) to proceed, after you pressed the OK button,
           the hard disk will be formatted and the unit will be reset in few seconds.
       4). Now you can start recording or do time shift operations.

Help and Advice

Problem	Probable cause	What to do
Standby light not lit	Mains lead unplugged Mains fuse blown	Check mains lead Check fuse
No signal found	Aerial is disconnected Aerial is damaged/misaligned Out of digital signal area	Check aerial lead Check aerial Check with dealer
No picture or sound	Viewing incorrect scart output	Press the DTV/VCR button
Encrypted channel message	It is a payper view channel	Select an alternative channel
No response from remote control	Set top box is switched off Remote control is not aimed correctly Front panel obstructed Remote control batteries inserted incorrectly Remote control batteries exhausted	Plug in and turn on set top box Aim remote control at front panel Check for obstructions Check batteries are inserted correctly Replace remote control batteries
Square blocks in picture or picture freezes	Aerial may not be compatable Aerial is damaged/misaligned	Check with dealer Check aerial

If none of the above suggestions seem to work, try switching your set top box off and then on again. If this does not work, contact either your supplier or a qualified repair technician. Never attempt to repair your set top box yourself.

Technical Specification

Power Supply

Input Voltage   100-240V~ 50/60Hz.

Power Consumption   Maximum 15W,Standby 5W.

Decoder

Video Formats   SD,4:3/16:9 Switchable.

Audio Format   MPEG Layer I & II,32/44.1/48Khz.

Video Output   CVBS, RGB, S-Video

Connection

Main Power Cable   Fixed Type.

Tuner   2 Antenna Input/2 Therefore Output.

Scart   1 for VCR/1 for TV

RS-232   1 for software upgrade

RCA   1 CVBS output

           1 R/L output

           1 COAXIAL SPDIF digital audio output

S-VIDEO   1 S-Video output

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste, There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchase the product.

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