



DSR 4639-1TB



**Australian VAST Certified
Dual Channel High Definition Recorder**

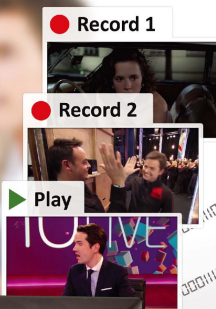


TABLE OF CONTENTS

1	INTRODUCTION.....	8
1.1	CONTENTS.....	8
2	FRONT PANEL	9
3	BACK PANEL	10
4	INSTALLING AND CONNECTING THE PVR.....	11
4.1	LOOP THROUGH CONNECTION: (IMPORTANT).....	11
4.2	OPTION A: AV CONNECTORS (STANDARD DEFINITION TV)	12
4.3	OPTION B: HDMI CONNECTOR (HIGH DEFINITION TV)	12
4.4	OPTION C: HDMI CONNECTOR (AV HOME THEATRE SYSTEM AND A HIGH DEFINITION TV).....	12
4.5	QUICK START GUIDE FOR EXISTING AURORA/ DSD4121 OR OTHER VAST INSTALLATION.....	13
5	SMART CARD.....	13
6	RESTORING TO FACTORY DEFAULTS.....	13
6.1	PIN NUMBER.....	13
7	REMOTE CONTROL.....	14
7.1	PVR REMOTE CONTROL BUTTON FUNCTIONS.....	15
8	DSR4639 DECODER FEATURES AND MENU.....	16
8.1	I-PLATE	16
8.2	CHANGING CHANNELS	16
8.3	I-PLATE EXTENDED MODE	17
8.4	REMINDER POPUP	17
8.5	HOW TO SET A REMINDER.....	17
8.6	HOW TO DELETE A REMINDER.....	18
8.7	EXAMPLE OF A BANNER REMINDER.....	18
8.8	EXAMPLE OF AN AUTO-TUNE REMINDER.....	18

9	VOLUME AND MUTE.....	19
9.1	VOLUME UP AND DOWN.....	19
9.2	VOLUME MUTE.....	19
10	SUBTITLES AND CLOSED CAPTIONS.....	20
10.1	TURNING ON SUBTITLES/CLOSED CAPTIONS.....	20
10.2	TURNING OFF SUBTITLES OR CLOSED CAPTIONS.....	20
11	TV GUIDE.....	21
11.1	8 DAYS OF INFORMATION.....	21
11.2	DATA LOADING.....	22
11.3	MOVING AROUND THE EPG.....	22
12	MENU.....	22
12.1	LAUNCHING THE MENU	22
12.2	MOVING AROUND THE MENU.....	22
12.3	CHANGE MENU SETTINGS.....	23
12.4	DISH INSTALLATION MENU	23
12.5	TO CONFIGURE THE LNB	24
12.6	TO RESCAN	24
12.7	TV INSTALLATION	24
12.8	USER SETTINGS	25
12.9	TIME ZONE.....	25
12.10	RESET TO FACTORY DEFAULTS	26
12.11	USB UPGRADE	26
12.12	INFORMATION.....	27
12.13	PARENTAL CONTROL	28
12.14	CHANGE PARENTAL PIN.....	29
12.15	PVR SETTINGS.....	30
12.16	TIME-SHIFT OPTION.....	30
12.17	RECORDING OFFSETS	30
12.18	JUMP SETTINGS	31
12.19	FORMAT HARD DRIVE	31
12.20	HARD DRIVE INFORMATION	32

13	RECORDING MODES	33
13.1	INSTANT RECORD	33
13.2	TV GUIDE (EPG) RECORD	34
13.3	CHAIN RECORD (EPISODE CHAIN RECORDING)	34
13.4	TIMEBASED RECORD	35
13.5	TO SCHEDULE A TIME BASED RECORDING:.....	36
14	CONFLICTS	37
14.1	2 RECORDINGS AT A TIME MAXIMUM	37
15	TIME SHIFTING	38
15.1	ON PAUSE	38
15.2	ALWAYS ON	38
15.3	VIEWING PAUSE BUFFER AND RECORDING	39
16	PLAYLIST	40
16.1	PLAYBACK	40
16.2	DELETE EVENT	41
16.3	SORTING	41
16.4	GROUPING	41
17	SCHEDULED LIST	42
17.1	VIEWING	42
17.2	DELETE EVENT	42
17.3	SORTING	42
17.4	GROUPING	43
17.5	TIMEBASED RECORDING	43
18	TIME-SHIFT LIST	43
18.1	VIEWING	43
18.2	SAVING TIME-SHIFT PROGRAMS	43
18.3	DELETE EVENT	43
18.4	SORTING	43
18.5	GROUPING	44
19	ETHERNET	44
20	MHEG-5	44

21	TROUBLESHOOTING	44
21.1	HARD DRIVE IS FULL.....	44
21.2	TIME BASED RECORDING WON'T SCHEDULE BECAUSE OF INVALID VALUES	45
21.3	MY CHAIN RECORDING DOESN'T RECORD.....	45
22	FREQUENTLY ASKED QUESTIONS.....	46
22.1	HOW MANY HOURS CAN I RECORD?.....	46
22.2	HOW DO I ERASE ALL THE PROGRAMS IN THE PLAYLIST?.....	46
22.3	CAN I VIEW SUBTITLES ON A PLAYBACK?	46



D I G I T A L

Full HD

1080

DVB[®]

Digital Video
Broadcasting

HDMI[®]

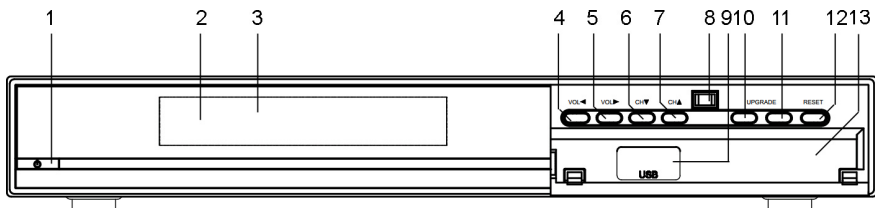
HIGH-DEFINITION MULTIMEDIA INTERFACE

1 INTRODUCTION

1.1 CONTENTS

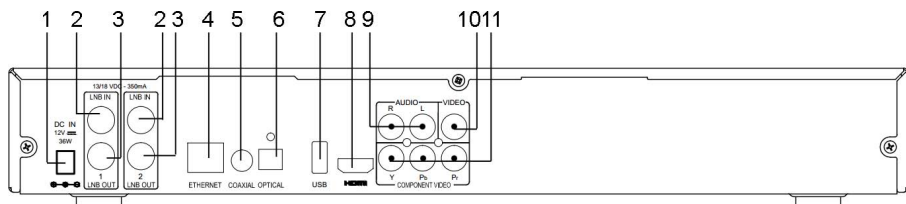
- 1.1.1 An Altech UEC remote control.
- 1.1.2 2 x AA batteries.
- 1.1.3 12 V Power supply adapter with fig 8 power lead.
- 1.1.4 AV cable
- 1.1.5 Component video (YPbPr) cable
- 1.1.6 F-F loop through cable.
- 1.1.7 User manual

2 FRONT PANEL



1	Standby button	Switches the decoder between ON and STANDBY modes
2	LEDs Bi-colour RED/GREEN AMBER GREEN	Indicates response to remote control commands and/or error mode RED = Decoder in standby mode or an error condition has occurred. GREEN = Normal operation. Flashes = when there are incoming messages Flashes = when RCU command received
3	Front Panel LED Display	Displays the time (Standby Mode) or displays the selected TV channel. Front panel with display "REC" if there is a recording in progress
4	VOL ◀	Decreases the volume level
5	VOL ▶	Increases the volume level
6	CH ▼	Changes to the previous available channel
7	CH ▲	Changes to the next available channel
8	Front Panel Release	Opens the front panel when pulled
9	USB	Connects to USB device (for software upgrade)
10	UPGRADE	Single key to confirm operation. Use as OK button
11	UPGRADE	Single key to reset software. Combined with button 10 meanwhile to upgrade software from USB
12	RESET	Resets the STB
13	Smartcard Slot	Insert into/ pull off a smartcard

3 BACK PANEL



1	Power Input connector	Connect to your home AC mains outlet via the supplied power pack
2	LNB IN	Connect to the satellite signal from the dish via the F-connector
3	LNB Out	Loop out for connecting to LNB IN (2)
4	R J45	Connects to Ethernet (currently disabled in this version)
5	S/PDIF (Coaxial connector)	Connects to the Digital Audio coaxial input on TV or AV Home Theater System
6	TOSLINK (Optical connector)	Connects to the Digital Audio optical input on TV or AV Home Theater System
7	USB	Connects to USB device (for software upgrade)
8	HDMI	Connects to the high definition (HDMI) input on TV or AV home theatre system
9	Audio = Left & Right	Connects to the analog audio inputs on TV
10	Composite Video (yellow)	Connects to the video inputs on TV
11	Video =YPbPr (Red/Green/Blue)	Connects to the YPbPr inputs on TV (Component Video)

4 INSTALLING AND CONNECTING THE PVR

4.1 LOOP THROUGH CONNECTION: (IMPORTANT)

- 4.1.1 Connect the Loop through F-F connector on LNB1 out to LNB 2 in –see the below picture



WITHOUT THIS LOOPED CONNECTION THE PVR WILL NOT FUNCTION.

FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

NOW CONNECT TO TV SET VIA THE FOLLOWING CONNECTION OPTIONS:

4.2 OPTION A: AV CONNECTORS (STANDARD DEFINITION TV)

- 4.2.1 Connect the satellite signal to the LNB IN input (#2) on the decoder
- 4.2.2 Connect the Audio / Video cables to the audio (#9) and video (#11) outputs on the decoder and then to the audio and video inputs on the TV or home theatre system.

4.3 OPTION B: HDMI CONNECTOR (HIGH DEFINITION TV)

- 4.3.1 Connect the satellite feed to the LNB input (#2) on the decoder
- 4.3.2 Connect a High Definition cable to the HDMI connector (#8), and then connect the other end of the cable to the HDMI connector on the TV.

4.4 OPTION C: HDMI CONNECTOR (AV HOME THEATRE SYSTEM AND A HIGH DEFINITION TV)

- 4.4.1 Connect the satellite feed to the LNB IN input (#2) on the decoder
- 4.4.2 Connect a High Definition cable to the HDMI connector (#8), and then connect the other end of the cable to the HDMI input connector of the AV home theatre system.
- 4.4.3 Then connect the output HDMI of the AV home theatre system to the TV.

NOTE:

CONNECTING YOUR TELEVISION DIRECTLY TO THE AUDIO/VIDEO OUTPUT OF YOUR SET TOP BOX WILL ASSURE A MORE VIVID PICTURE AND ENHANCE YOUR VIEWING ENJOYMENT.

4.5 QUICK START GUIDE FOR EXISTING AURORA/ DSD4121 OR OTHER VAST INSTALLATION

- 4.5.1 Remove decoder from packaging.
- 4.5.2 Insert supplied batteries into the remote control.
- 4.5.3 Ensure you have connected the loop cable as per 4.1.1
- 4.5.4 Connect to existing TV and satellite dish to the back of the PVR.
- 4.5.5 Power up the PVR and wait while the PVR starts up.
- 4.5.5 If the PVR does not scan first time, Press help & follow installation prompts to change LNB settings.
- 4.5.6 PVR should lock to service and display video.

5 SMART CARD

The smart card is paired to this PVR which means that this smart card cannot be used in any other PVR. The smart card is owned & controlled by the network operator. Activation of a smart card is subject to conditions set out by the operator.

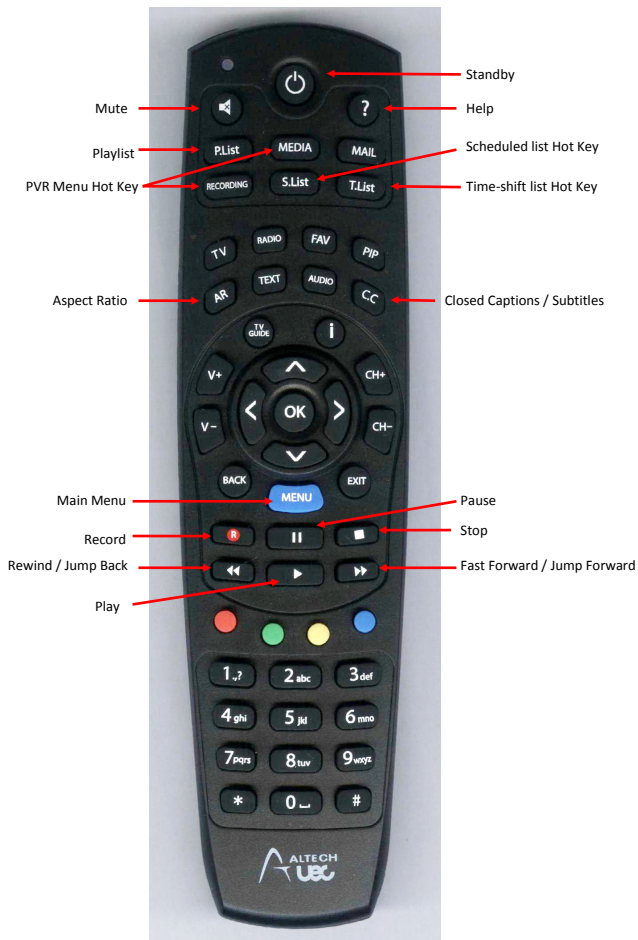
6 RESTORING TO FACTORY DEFAULTS

Resetting to factory defaults can be useful if you have changed some settings and lost some functions. Resetting will restore the decoder back to its original configuration and all personalised settings will be reversed. The only setting that is not reset is the LNB setting. Please manually edit this setting to the desired value. Refer to Page 25

6.1 PIN NUMBER

- 6.1.1 The default pin number is 1234.

7 REMOTE CONTROL



7.1

PVR REMOTE CONTROL BUTTON FUNCTIONS

Button Name	Button Identification	Function
STANDBY		Switches the set top box between ON and STANDBY.
MUTE		Turns the sound ON/OFF
HELP	?	Launches the Help Information
PLAYLIST	P.LIST	Launches the Playlist (List of Recordings)
MEDIA	MEDIA	Launches the PVR Menu. From here you can access the Playlist, Scheduled List and Time-shift list.
MAIL	MAIL	No function: reserved for future functionality
RECORDING	RECORDING	Launches the PVR Menu. From here you can access the Playlist, Scheduled List and Time-shift list.
SCHEDULE LIST	S.LIST	Launches the list of Scheduled recordings
TIME-SHIFT LIST	T.LIST	Launches the list of Time-shift recordings
TV	TV	Tunes to TV channels / Launches TV bouquets if pressed and hold
RADIO	RADIO	Tunes to Radio channels / Launches Radio bouquets if pressed and hold
FAVOURITE	FAV	No function: reserved for future functionality
Picture In Picture	PIP	No function: reserved for future functionality
Aspect Ratio	AR	Toggles to different TV screen aspect ratio's (16:9 – 4:3 letterbox – 4:3 pan & scan)
TEXT	TEXT	No function: reserved for future functionality
AUDIO CONTROL	AUDIO	No function: reserved for future functionality
CLOSED CAPTION	CC	Turns ON/OFF subtitles and closed captions (available only to programs that contain subtitle/closed caption information)
TV GUIDE	TV GUIDE	Launches Electronic Program Guide (EPG)
INFO	i	Launches I-plate & extended I-plate for program information
Navigation Arrows (4) and OK		Menu navigation and selection
CHANNEL UP / DOWN	CH+ / CH-	Allows channel up and down navigation
VOLUME UP / DOWN	V+ / V-	Adjusts volume up and down
BACK	BACK	Goes back to previous channel
MAIN MENU	MENU	Launches Main Menu
EXIT	EXIT	Leaving a Menu or function
RECORD		Records selected program / stops current recording
PAUSE		Pauses live TV (when on timeshift) or recorded programs
STOP		Stops playback of the recorded program
PLAY		Starts playback of recorded program or resumes playback of paused live TV program (on Timeshift)
REWIND / JUMP BACK		Press to rewind a recorded program or a timeshift program Press and hold to jump back
FAST FORWARD / JUMP FORWARD		Press to Fast forward a recorded program or a timeshift program Press and hold to jump forward
4 COLOURED BUTTONS		Functions as required by application as indicated on the onscreen display
0-9 DIGITS		Numerical data entry of channel number, PIN, etc.
ASTERISK	*	No function: reserved for future functionality
HASHTAG	#	No function: reserved for future functionality

8 DSR4639 DECODER FEATURES AND MENU

8.1 I-PLATE

The information plate (I-Plate) displays information about the current and next event at the bottom of the screen.



The I-Plate can be launched by pressing the "I" button on the remote.

8.2 CHANGING CHANNELS

- 8.2.1 To change to a different channel either:
- 8.2.2 Press the "CH+" or "CH-" buttons on the remote to change the channel to the next/previous channel respectively, or
- 8.2.3 When the I-Plate is open, press the "LEFT/RIGHT" arrow buttons on the remote. This allows you to browse the program information of the other channels without changing the channel you are presently viewing. Press OK to switch to that channel

NOTE: The I-Plate will only timeout when changing channels from the "CH+" or "CH-" button. If you have manually opened the I-Plate, the "EXIT" button must be pressed to remove it.

8.3 I-PLATE EXTENDED MODE

The extended I-Plate displays a short description about the currently selected I-Plate programme, see screen below



8.4 REMINDER POPUP

There are two types of reminders, a banner reminder and an Auto-tune reminder. Reminders are used to notify you when a program is about to start.

8.5 HOW TO SET A REMINDER

- 8.5.1 To set a reminder, highlight the program you want to be reminded about using either the I-plate or the TV Guide. Press the "OK" button.
- 8.5.2 "B" will appear next to the program name. This indicates a banner reminder has been set.
- 8.5.3 Pressing the "OK" button again will change the "B" to an "A" next to the program name. This indicates an Auto tune reminder has been set.

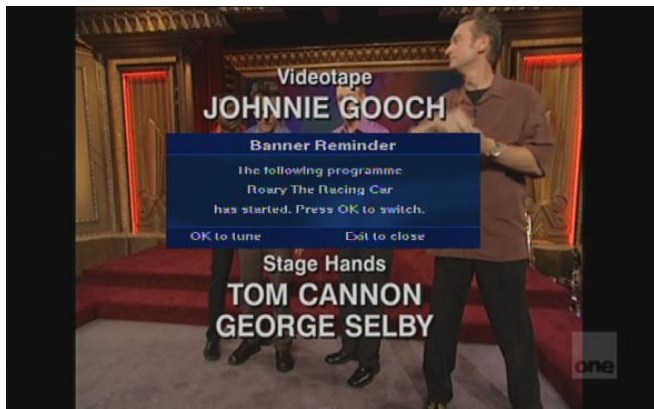
FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

8.6 HOW TO DELETE A REMINDER

- 8.6.1 Pressing the “OK” a third time on the program will remove the “A” next to the program name. The reminder has been deleted.

8.7 EXAMPLE OF A BANNER REMINDER

- 8.7.1 A banner reminder will display a pop-up 30 seconds before the start of the programme for which the reminder is set.
- 8.7.2 Pressing OK when this message is on the screen will change the channel to the reminder program.
Pressing EXIT will remove the message



8.8 EXAMPLE OF AN AUTO-TUNE REMINDER

- 8.8.1 An Auto-tune reminder tunes the decoder to the reminder channel when the programme starts.
- 8.8.2 There is a 5 second alert before changing channel so that you can cancel the reminder if you are watching something else.
- 8.8.3 Cancel the reminder by pressing the “EXIT” button.
- 8.8.4 Tune immediately to the selected programme by pressing the “OK” button, if you do nothing, the decoder will automatically tune to the reminder channel.



9 VOLUME AND MUTE

9.1 VOLUME UP AND DOWN

- 9.1.1 Volume can be controlled by the VOL+ and VOL- buttons on the remote or on the front of the PVR unit.

9.2 VOLUME MUTE

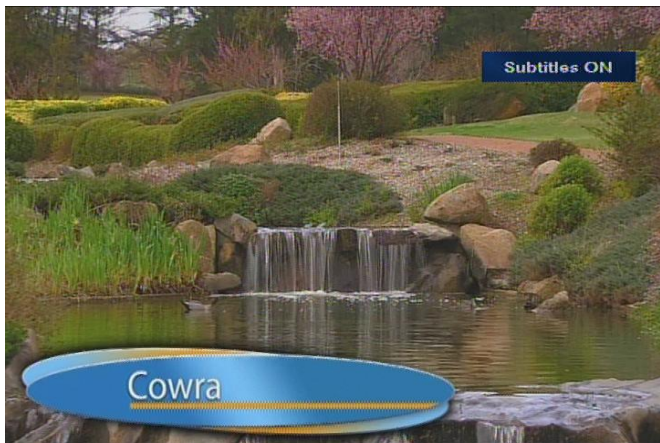
- 9.2.1 Press the mute button to mute the sound and press it again to un-mute.

FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

10 SUBTITLES AND CLOSED CAPTIONS

10.1 TURNING ON SUBTITLES/CLOSED CAPTIONS

- 10.1.1 There is a menu option to enable subtitles. This can be found in the settings menu.
- 10.1.2 Also it can be enabled using the remote by pressing the “CC” (Closed captions) button on the remote



10.2 TURNING OFF SUBTITLES OR CLOSED CAPTIONS

- 10.2.1 Press the “CC” button again to turn off subtitles
- 10.2.2 Or change the setting in the menu

11 TV GUIDE

11.1 8 DAYS OF INFORMATION

- 11.1.1 The TV Guide offers program information for up to 8 days (if it is available)
- 11.1.2 To access the TV Guide, press the “TV Guide” button on the remote control.
- 11.1.3 All information in the TV guide is controlled and populated by the broadcaster.



11.2 DATA LOADING

- 11.2.1 While the TV Guide is loading data, the unit may respond slower. There is a loading data text that appears near the date and time. When this stops flashing, all data has been retrieved and the TV Guide data can be browsed.

11.3 MOVING AROUND THE EPG

- 11.3.1 Use the up/down/left/right buttons to scroll though the event grid.
- 11.3.2 Use the CH+ and CH- buttons to move the grid by 24 hours.
- 11.3.3 Press the green button to provide more information on the different icons that can be found in the TV Guide.
- 11.3.4 Press the "I" button to show more information about the highlighted program.

12 MENU

The menu is used to set up the decoder depending on the environment and preference.

12.1 LAUNCHING THE MENU

- 12.1.1 To display, press the MENU button while watching TV or listening to the radio. The screen contains main menu (i.e. on the left hand side) and sub menu (i.e. on the right hand side). Press EXIT to return to watching TV or listening to the radio

12.2 MOVING AROUND THE MENU

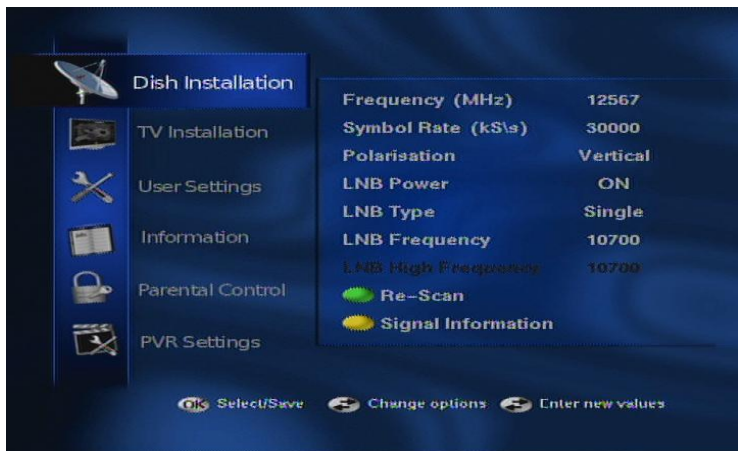
- 12.2.1 Press the right arrow to move the highlight to the sub menu.
- 12.2.2 Press the left arrow to move the highlight back to the main menu section.

12.3 CHANGE MENU SETTINGS

- 12.3.1 Up the up down keys to move the highlight to the different options
- 12.3.2 Press the right arrow to move to the sub menu
- 12.3.3 Use the up and down arrow keys to move through the sub menu
- 12.3.4 Highlight the correct option and press OK to edit it
- 12.3.5 Use the left and right keys to select options, or if required, use the number keys to type in new values.

12.4 DISH INSTALLATION MENU

This is where the set top box is configured according to your satellite options. In most cases, no changes are required to this menu. However, if an old LNB is used then most likely the LNB frequency value should be set to 11300. (11300 is the most common alternate frequency, but this frequency value is dependent on the LNB used)



12.5 TO CONFIGURE THE LNB

- 12.5.1 Launch the menu
- 12.5.2 Press the right button to move to the sub menu
- 12.5.3 Press the down button to move to the LNB Frequency option
- 12.5.4 Press OK to edit the number
- 12.5.5 Type in the new LNB frequency
- 12.5.6 Press OK to save the change setting.
- 12.5.7 To return to the main menu press left arrow or EXIT of the remote.

12.6 TO RESCAN

- 12.6.1 When the “Dish Installation” menu is on screen, you can press the green button as a hot key to rescan the set top box.

12.7 TV INSTALLATION

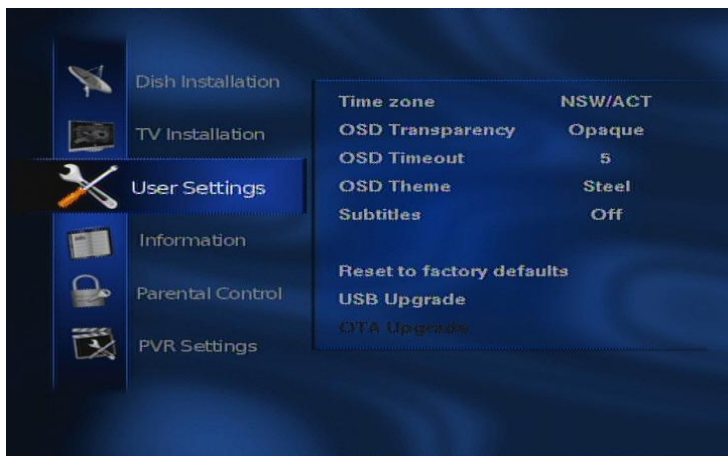
This is where the set top box is configured to work with your television or home theater



- 12.7.1 The aspect Ratio settings may also be changed by pressing the 16:9/4:3 button while watching TV. Changing the aspect ratio using the remote key will not change the setting in the menu, and will not remain if the decoder requires a reboot. For a permanent setting, change the aspect ratio in the menu.
- 12.7.2 Digital audio should only be changed to Dolby when used in conjunction with a Dolby decoder (e.g. Home theatre amplifier)

12.8 USER SETTINGS

The User settings menu contains customizable settings to configure the set top box.



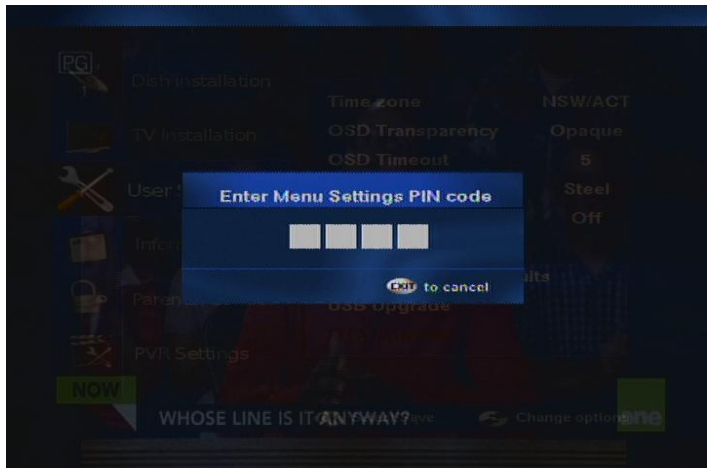
12.9 TIME ZONE

- 12.9.1 Move the highlight onto the Time Zone setting by pressing right
- 12.9.2 Press OK to edit the Time Zone
- 12.9.3 Use the left and right arrow keys to select the correct time zone

- 12.9.4 Press OK when the correct one has been selected
- 12.9.5 Press EXIT or right arrow to return to the main menu section.

12.10 RESET TO FACTORY DEFAULTS

- 12.10.1 Selecting Reset to factory defaults will erase all the changes made to the menu.



- 12.10.2 Enter the pin (1234) by pressing the number keys on the remote.
- 12.10.3 The set top box will reboot after a factory reset.

12.11 USB UPGRADE

- 12.11.1 Copy the upgrade image to a USB stick which is available for download from our website through this link: www.uec.com.au/downloads. The software upgrade filename is "upgrade.uec". Download the corresponding upgrade instruction for your reference.

12.12 INFORMATION

The information section contains the information for the set top box and smart card.



12.13 PARENTAL CONTROL

The parental control menu is used to block certain age programs from being viewed without first entering a pin.



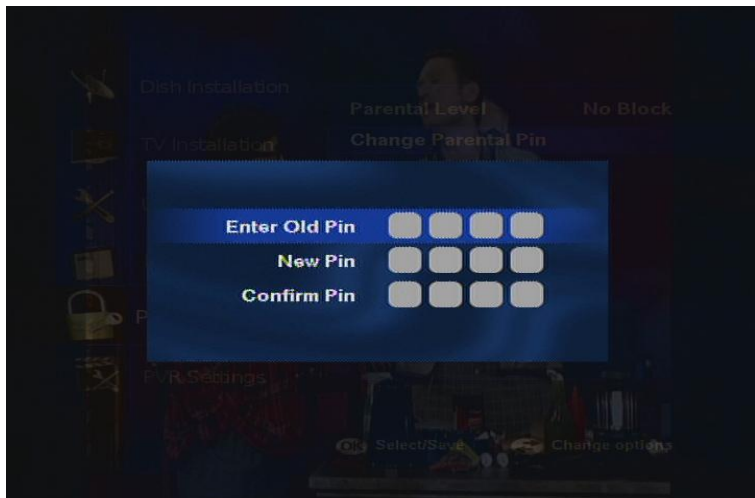
12.13.1 To make changes to this menu, press right to navigate to the Parental Level option.

12.13.2 The set top box will request the parental pin. The default parental pin is 1234.



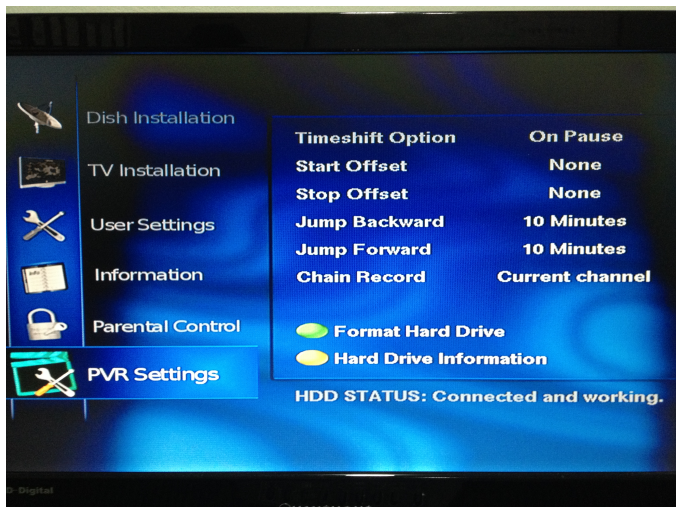
12.14 CHANGE PARENTAL PIN

- 12.14.1 The default parental pin can be changed to another pin value.
- 12.14.2 The pin will be reset back to the default if a “reset to factory defaults” is performed.



12.15 PVR SETTINGS

There are a number of configurable options on the PVR.



12.16 TIME-SHIFT OPTION

- 12.16.1 These options are discussed more in the Time-shift section, but allows for constant on demand time shifting

12.17 RECORDING OFFSETS

- 12.17.1 Programs tend to run past the times listed in the TV Guide due to inaccuracies in the broadcast information, this is controlled by the broadcaster.
- 12.17.2 The Record Start Offset adds extra time to the start of a recording. (E.g. if a program starts at 10:00am and the Start Offset is set to 5 minutes, the recording will start at 9:55am)
- 12.17.3 The Record Stop Offset adds extra time to the end of a recording. (E.g. if a program ends at 11:00am and the Stop Offset is set to 10 minutes, the recording

will stop at 11:10am

- 12.17.4 Note that these offsets will be automatically adjusted if two recordings are scheduled to record one after the other.

12.18 JUMP SETTINGS

- 12.18.1 Pressing Jump Back button by the period of time set in the “Jump backward” setting.
- 12.18.2 Pressing jump forward button will jump forward by the period of time set in the “Jump Forward” setting.

12.19 CHAIN RECORD

IMPORTANT: Chain Record must be set to **Current channel** in order to successfully chain record a program (assuming that there are no recording conflicts during the time of recording).

Chain Record will not work if this is set to All Channels.

12.20 FORMAT HARD DRIVE

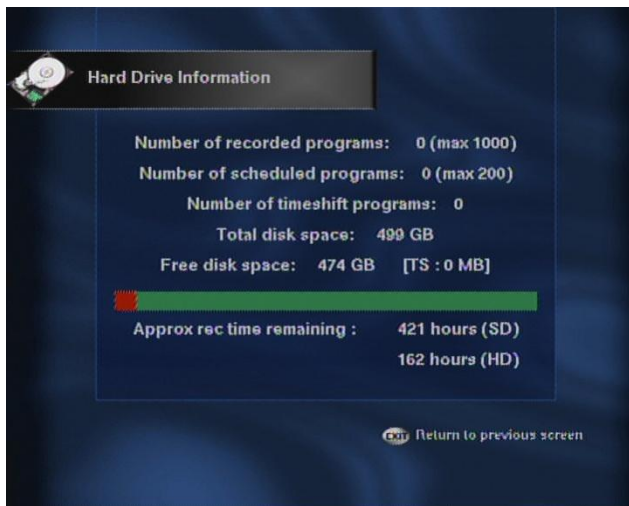
- 12.20.1 Format hard drive will erase all recorded programs stored on the hard drive and should only be performed if absolutely essential.
- 12.20.2 To format the hard drive, press the GREEN button or press OK when Format Hard Drive is highlighted.
- 12.20.3 The following popup will be displayed.



- 12.20.4 Press OK to format the hard drive.

12.21 HARD DRIVE INFORMATION

- 12.21.1 Hard drive information provides statistics on the hard drive recordings and amount of space available.
- 12.21.2 Press YELLOW button or OK when Hard Drive Information is highlighted to display hard drive information. A similar screen will be displayed.



FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

13 RECORDING MODES

There are a number of ways to schedule a recording:

13.1 INSTANT RECORD

- 13.1.1 If you want to record the program you are currently watching, press the record button on the remote control.
- 13.1.2 A record start icon will appear, a red dot will appear in the I-plate and a small recording information popup is displayed above the I-plate on the right hand side of the screen indicating the details of the event that is recording.
- 13.1.3 A maximum of two events may be recorded at any time hence there may be two recording information popups displayed over the iplate.



13.2 TV GUIDE (EPG) RECORD

- 13.2.1 Scroll in the TV Guide to highlight the program you would like to record, then press the record button.
- 13.2.2 A red dot will appear in front of the highlighted program and in the event information screen indicating that recording is scheduled.
- 13.2.3 A maximum of two events may be recorded at any time. In the event a third concurrent recording is attempted a recording conflict screen is displayed.



13.3 CHAIN RECORD (EPISODE CHAIN RECORDING)

- 13.3.1 If you would like to record more programs of the same name, a chain recording can be set.
- 13.3.2 Press the yellow button on the program in the TV guide to make the yellow chain icon appear.
- 13.3.3 These chain events are only recorded if there is a spare tuner available and no conflicts checking is done on other chain events.



- 13.3.4 NOTE:** Chain recordings are not checked for conflicts. The program will be recorded if there is a tuner free. If you want to make sure that a recording happens, schedule a normal single recording by pressing the record button.

13.4 TIMEBASED RECORD

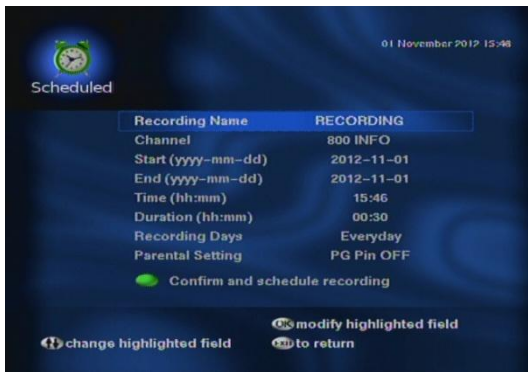
- 13.4.1 A Timebased recording can be scheduled, where you manually set the recording name, channel, start date, start time, duration, recording days and parental guidance setting.
- 13.4.2 A Timebased recording will appear as a single recording in the playlist, even if the duration spans multiple programs, and the individual program information within the recording cannot be accessed.
- 13.4.3 Because individual program information cannot be accessed, an overall parental block setting for the recording can be set. Choosing Parental Setting "ON" means the Parental guidance pin will need to be entered before the playback can start.
- 13.4.4 The maximum duration of a time based recording is 24 hours.

13.5 TO SCHEDULE A TIME BASED RECORDING:

- 13.5.1 Press the PVR button while watching TV or listening to the radio.
- 13.5.2 Scroll to the Scheduled List icon and press OK to launch the Scheduled List screen.



- 13.5.3 Press the "R" (Record) button on the remote control to add a Time based recording (timed event)
- 13.5.4 The following screen will appear:



- 13.5.5 Press OK on a field to edit it.
- 13.5.6 When editing **Recording Name**, use left arrow and right arrow to move the highlight to letter in name that you want to change. Use up arrow and down arrow to change the highlighted character. Characters available are "ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789". (For example, when "T" is highlighted and up arrow is pressed then "S" is displayed. When "T" is highlighted and down arrow is pressed then "U" is displayed.)
- 13.5.7 When editing **Channel and Parental Setting** use left and right arrows to select the desired values.
- 13.5.8 When editing **Date, time or duration**, use the left arrow to delete characters. Press "0".."9" on the remote to enter new time values.
- 13.5.9 When editing **Recording Days**, pressing "OK" will launch the day selection popup.
- 13.5.10 Press OK on "Confirm and schedule recording" to save the entered parameters and schedule the recording.
- 13.5.11 A chain with the recording name will appear in the Scheduled List.
- 13.5.12 An event scheduled to be recorded for the day with the recording name and a unique number will appear in the Scheduled List.
- 13.5.13 If you have problems scheduling the recording, please see the troubleshooting section of this user manual.

14 CONFLICTS

14.1 2 RECORDINGS AT A TIME MAXIMUM

- 14.1.1 This set top box can record only two channels at a time.
- 14.1.2 If you try to record 3 programs that overlap on different channels, a message will inform you that there is a conflict. (Expect for chain recordings which do not have conflict checking)

15 TIME SHIFTING

The Time-shift options can be configured in the menu.

15.1 ON PAUSE

- 15.1.1 If you press pause while watching live TV, the program will pause until a later time when you can resume viewing.
- 15.1.2 To resume viewing, press the play/pause button again.
- 15.1.3 As soon as the set top box is paused, programs are added to the Time-shift list.
- 15.1.4 The pause buffer will be reset after 24 hours

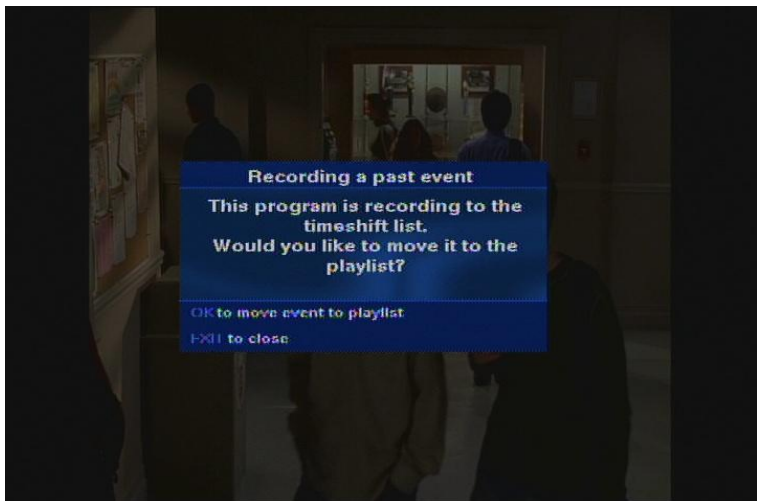
15.2 ALWAYS ON

- 15.2.1 The set top box will continually record the program that is currently on live to the hard drive when "always on" is selected.
- 15.2.2 The programs can be viewed in the Time-shift list. All programs in the Time-shift list will be deleted as the drive gets full.
- 15.2.3 To save the program to the playlist (so it won't be automatically deleted), press the green button to "copy to the playlist" in the Time-shift list screen.

FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

15.3 VIEWING PAUSE BUFFER AND RECORDING

- 15.3.1 If you are watching behind live press the record button, a popup will appear informing that you are behind live and all of the event that is in the Time-shift list will be moved to the playlist.



16 PLAYLIST

16.1 PLAYBACK

16.1.1 The playlist contains a list of recorded programs

16.1.2 The maximum of 1000 recorded programs are allowed in the playlist.



16.1.3 To display the playlist press PVR while watching TV or listening to the radio.

16.1.4 Select Playlist and press OK.

16.1.5 Use the up and down arrow keys to move through the recorded programs.

16.1.6 Press OK on a program to start it playing back.

16.2 DELETE EVENT

- 16.2.1 Programs can be deleted from the playlist by pressing the red button on the selected program.

16.3 SORTING

- 16.3.1 The playlist is sorted with the newest recorded programs at the beginning of the list.
- 16.3.2 To sort the list in alphabetical order, press the yellow button.
- 16.3.3 To sort the list according to start time, press the yellow button again.

16.4 GROUPING

- 16.4.1 The playlist can be grouped according to name or per month.
- 16.4.2 Press the blue button to group the items and another time to ungroup them.
- 16.4.3 When the playlist is in the grouped mode, it can still be sorted by name or date by pressing the yellow button.

FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

17 SCHEDULED LIST

17.1 VIEWING

- 17.1.1 The scheduled list contains a list of programs that will be recorded in the future.
- 17.1.2 A maximum of 200 programs can be scheduled for recording at one time.



- 17.1.3 To display the playlist press PVR while watching TV or listening to the radio.
- 17.1.4 Select Scheduled and press OK.
- 17.1.5 Use the up and down arrow keys to move through the list.

17.2 DELETE EVENT

- 17.2.1 Programs can be deleted by pressing the red button on the selected program.

17.3 SORTING

- 17.3.1 To sort the list in alphabetical order, press the yellow button.
- 17.3.2 To sort the list according to recording start time, press the yellow button again.

17.4 GROUPING

- 17.4.1 The scheduled list can be grouped according to name or per month.
- 17.4.2 Press the blue button to group the items and another time to ungroup them.
- 17.4.3 When the scheduled list is in the grouped mode, it can still be sorted by name or date by pressing the yellow button.

17.5 TIMEBASED RECORDING

- 17.5.1 Timebased recordings can be set up from this screen. Please see the “Timebased record” section of this manual for more info.

18 TIME-SHIFT LIST

18.1 VIEWING

- 18.1.1 The Time-shift list contains a list of programs that have been automatically recorded
- 18.1.2 These items will be automatically deleted as the hard drive gets full.

18.2 SAVING TIME-SHIFT PROGRAMS

- 18.2.1 To save the program to the playlist (so it won't be automatically deleted), press the green button to “copy to the playlist” in the time shift list screen

18.3 DELETE EVENT

- 18.3.1 Programs can be deleted by pressing the red button on the selected program.

18.4 SORTING

- 18.4.1 To sort the list in alphabetical order, press the yellow button.
- 18.4.2 To sort the list according to recording start time, press the yellow button again.

18.5 GROUPING

- 18.5.1 The Time-shift list can be grouped according to name or per month.
- 18.5.2 Press the blue button to group the items and another time to ungroup them.
- 18.5.3 When the Time-shift list is in the grouped mode, it can still be sorted by name or date by pressing the yellow button.

19 ETHERNET

Ethernet functionality is planned for future support. New user manuals will be available on the website when this feature becomes available.

20 MHEG-5

20.1 NOTE: A POTENTIAL APPLICATION THAT MAYBE AVAILABLE ON THE PLATFORM

21 TROUBLESHOOTING

Note: A comprehensive troubleshooting help screen can be viewed at any time by pressing the “HELP” button on the remote control.

21.1 HARD DRIVE IS FULL

- 21.1.1 There is no more space on the hard drive for new recordings; you will need to delete some recordings.
- 21.1.2 To delete recorded programs: Press the PVR button
- 21.1.3 Press OK on the Playlist icon to launch the playlist.
- 21.1.4 Scroll to a program you wish to delete.
- 21.1.5 Press the red button to delete, and then OK to confirm.

21.2 TIME BASED RECORDING WON'T SCHEDULE BECAUSE OF INVALID VALUES

- 21.2.1 Please check that the date you have entered is in YYYY-MM-DD format, and the time/duration is in the HH:MM format.
- 21.2.2 Please check that the date and time are not in the past.
- 21.2.3 The maximum recording duration for Time based recordings is 24 hours, please ensure that the duration is shorter than "24:00"

21.3 MY CHAIN RECORDING DOESN'T RECORD

- 21.3.1 If a chain recording didn't record then there were probably already 2 recordings in progress. To make sure a program records, set up the recording as a normal single recording.

22 FREQUENTLY ASKED QUESTIONS

22.1 HOW MANY HOURS CAN I RECORD?

- 22.1.1 The PVR Info screen shows the approximate number of hours of recording space remaining on the connected hard drive.
- 22.1.2 These estimates are not exact. The actual recording time will depend on the broadcast quality of the programs being recorded.

22.2 HOW DO I ERASE ALL THE PROGRAMS IN THE PLAYLIST?

- 22.2.1 It is possible to erase all programs by formatting the hard drive.
- 22.2.2 Launch the PVR Setup menu and press OK on Hard drive format.
- 22.2.3 Press OK to confirm the format.
- 22.2.4 The format will take a few minutes to complete.
- 22.2.5 When the format is complete, the HDD status on the screen should say "Connected and working", and the Playlist will be empty.

22.3 CAN I VIEW SUBTITLES ON A PLAYBACK?

- 22.3.1 To turn on subtitles, press the "CC" closed caption button on the remote during playback of a pre-recorded program.

LEGAL MATTERS

Important NOTICE to all purchasers of a DSR4639 Decoder.

INTRODUCTION

The DSR4639 decoder is designed, manufactured and sold to receive selected network services only. It will therefore not be fully functional unless it is used with the network operator's enabled Smartcard supplied with the DSR4639 decoder, deployed within the Australian VAST broadcast footprint, and installed so as to receive the network specific signal.

The network operator is entitled to amend the software incorporated in the DSR4639 Decoder from time to time by means of software downloads for a number of reasons, including preventing the DSR4639 Decoder from being used to receive services other than the network operator services.

DIY INSTALLATIONS DISCLAIMER

Due to the many potential configurations in each home and the variety of equipment available, it is not possible to cover every potential installation scenario in this Viewer's Guide. An Accredited Installer or the supplier / manufacturer of the specific equipment should be consulted if any doubt exists when doing an installation.

ROVI

This product incorporates copyright protection technology that is protected by U. S. patents and other intellectual property rights. Use of this copyright protection technology must be authorised by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Rovi. Reverse engineering or disassembly is prohibited.

ALTECH UEC

Altech UEC and their logo are trademarks and / or registered trademarks of Altech UEC.

DOLBY

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

DVB (DIGITAL VIDEO BROADCASTING)

DVB is a registered trademark of the DVB Project.

INTELLECTUAL PROPERTY

The whole of the DSR4639 Instruction Manual, including the graphics, menus and information contained herein are the subject of intellectual property rights, including copyright, under domestic law and international conventions. All rights are reserved. All intellectual property rights of the DSR4639 Decoder are owned by Altech UEC. Hacking of the conditional access system or facilitating anyone else doing so is **STRICTLY PROHIBITED**. Failure to adhere to this prohibition is a criminal offence.

Some components are licensed under GPL and LGPL licenses. For further information regarding the licenses and which components are licensed under these licenses please visit <http://www.uec.com.au>.

The source code for these components can be obtained by written request to:

The UEC DSR4639 OPT team,
Altech UEC (PTY) LTD
UEC House
1 Montgomery Drive
Mount Edgecombe
4300
South Africa

Please note that there is a fee associated with the written request to cover shipping, handling, processing and the cost of media. Altech UEC reserves the right to exclude or include GPL/LGPL components from its products as it sees fit.

OBSOLESCENCE DISCLAIMER

Digital Satellite Technology is rapidly evolving. As a result of this, it is not possible to predict what the requirements will be in a few years' time. The manufacturer cannot guarantee that this DSR4639 Decoder will be able to run all available services in future.

FOR YOUR RECORDS

We recommend you complete the following information for your records :

Product Model:_____

Serial Number:_____

Purchaser's Name:_____

Purchaser's Address:_____

Authorised Dealer's Name:_____

Date of Purchase:_____

HELP AND INFORMATION

WEBSITES

Digital TV from Satellite www.mysat.tv – Coverage and activations

Manufacturer (Altech UEC) www.uec.com.au

Information on VAST www.vastdigital.com.au

FOR ASSISTANCE EMAIL - SUPPORT@UEC.COM.AU

TELEPHONE

Altech UEC Australia +61 2 94255777


VAST 1300 99 3376 (Smart Card Activations)

ROVI

This product incorporates copyright protection technology that is protected by U. S. patents and other intellectual property rights. Use of this copyright protection technology must be authorised by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Rovi Corporation. Reverse engineering or disassembly is prohibited.

UEC



Altech UEC and  are trademarks and/or registered trademarks of Altech UEC (Pty) Ltd

DOLBY



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

HDMI

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



**Altech UEC Pty Ltd
Level 2, 27 Sirius Rd,
Lane Cove West, NSW 2066,
Sydney, Australia**

The latest version
of this user manual
can be downloaded at
www.uec.com.au