
CONTENTS

WELCOME.....	3
SAFETY.....	3
IMPORTANT NOTICE TO THE PURCHASER OF A MULTICHOICE DECODER : LEGAL MATTERS.....	4
PRODUCT WARRANTY.....	5
UNPACKING.....	8
GETTING TO KNOW YOUR MULTICHOICE 910 DECODER.....	9
FRONT PANEL.....	9
FRONT PANEL BUTTONS.....	9
FRONT PANEL DISPLAY.....	10
BACK PANEL.....	11
REMOTE CONTROL UNIT (RCU).....	12
MULTICHOICE DECODER CONNECTIONS.....	13
SET-UP 1 : DECODER, TV.....	14
SET-UP 2 : DECODER, TV, VCR.....	15
SET-UP 3 : DECODER, TV, HI-FI.....	15
SET-UP 4 : DECODER, TV, VCR, HI-FI.....	16
GETTING STARTED.....	18
INSERTING THE MULTICHOICE SMARTCARD.....	18
SETTING UP THE UHF CHANNEL.....	19
STANDBY AND NORMAL MODES.....	20
USING YOUR DECODER.....	20
INFORMATION PLATE (I-PLATE).....	20
INFORMATION PLATE DETAILS.....	20
INFORMATION PLATE FEATURES.....	21
NOW/NEXT.....	22
EXTENDED INFORMATION.....	22
BROWSING.....	23
REMINDERS.....	24
VOLUME CONTROL AND MUTE.....	26
LANGUAGE SELECTION.....	27
SUBTITLES.....	27
TELETEXT.....	28
DMX AUDIO SERVICES.....	30
USING THE MENUS.....	31
THE MAIN MENU.....	31
PARENTAL GUIDANCE.....	32
LANGUAGE OPTIONS.....	38
MAIL MESSAGES.....	38
COLOURS AND TRANSPARENCY.....	39
INFORMATION DISPLAY PERIOD.....	40
ADVANCED OPTIONS.....	40
TV INSTALLATION.....	41
ASPECT RATIO.....	41
TV TYPE.....	42
UHF TUNING.....	42
LOCAL TIME.....	43
DECODER UPGRADE.....	44
SOFTWARE DOWNLOADS.....	44
FACTORY RESET.....	45
INTERACTIVE SERVICES.....	45
GENERAL TROUBLESHOOTING.....	46

GLOSSARY OF TERMS.....	48
SPECIFICATIONS.....	49
HOTLINES.....	50
MULTICHOICE DECODER RELATED SUGGESTIONS.....	50

WELCOME

Congratulations on purchasing the MultiChoice 910 Digital Satellite Decoder!

At MultiChoice, we pride ourselves in making your enjoyment of home entertainment our priority. We continuously strive to provide our valued subscribers with exceptional MultiChoice Pay-TV services at the cutting edge of technology.

We welcome you to the MultiChoice family and wish you many long hours of entertainment.

SAFETY

This MultiChoice decoder meets International Safety Standards. Please read the following recommended safety precautions carefully.

MAINS SUPPLY

This MultiChoice decoder operates within the range 85 - 288 V AC 47~63 Hz power supply only.

Do not connect to DC mains. Connect the power cord to the decoder before connecting the other end into the power outlet.

Disconnect the decoder from the power outlet before connecting or disconnecting your unit from any other equipment.

LIQUIDS AND SPILLAGE

Keep liquids away from the MultiChoice decoder.

Do not put anything on top of the decoder, which might spill (eg. lighted candles or containers of liquid).

Do not use or store the decoder in extreme temperature and humidity conditions.

CLEANING

Disconnect the MultiChoice decoder from the mains. Use a dry cloth to clean the exterior.

VENTILATION

Do not block ventilation holes. Ensure that free airflow is maintained around the MultiChoice decoder.

Never stand the decoder on soft furnishings or on carpet.

Do not use or store the decoder near a heater or where it is exposed to direct sunlight.

Never stack other electronic equipment on top of the decoder.

Never push or insert anything into the holes, slots or any other opening in the case.

SERVICING

You should never remove the MultiChoice decoder's cover.

Do not attempt to service this MultiChoice product yourself. Any attempt to do so will invalidate the warranty. Refer all servicing to a qualified MultiChoice Authorised service or Repair Agent.

LIGHTNING

If the MultiChoice decoder is installed in an area subject to intense lightning activity, protection devices for the decoder mains connector are recommended.

EARTHING

The earthing system must comply with local regulations.

IMPORTANT NOTICE TO THE PURCHASER OF A MULTICHOICE DECODER : LEGAL MATTERS

INTRODUCTION

This decoder is designed, manufactured and sold to receive MultiChoice services only. It will therefore not be fully functional unless it is used with an enabled MultiChoice smartcard, deployed within the MultiChoice broadcast footprint, and installed so as to receive the MultiChoice signal.

MultiChoice is entitled to amend the software incorporated in the decoder from time to time by means of software downloads for a number of reasons, including to prevent the MultiChoice decoder from being used to receive services other than MultiChoice services.

DIY INSTALLATIONS DISCLAIMER

The various configurations as explained and proposed in this manual cannot make provision for the specific requirements of all equipment (consumer electronic products) and different configurations thereof, and a MultiChoice Accredited Installer or the supplier of the specific equipment should be consulted if any doubt exists when doing an installation.

INSTALLATION INDEMNITY

Installation procedures for satellite dishes are outside the scope of this manual. Please refer to the manuals provided with your satellite dish and associated equipment if you decide to do the installation yourself.

For the decoder to operate, it is required to correctly install and align a satellite dish and a Low Noise Block (LNB) converter.

Each and every installer acts as an independent contractor and is not an employee, subcontractor or agent of the manufacturer or MultiChoice. The manufacturer and MultiChoice are therefore not liable for any loss or damage of any nature whatsoever caused by the conduct of the installer, including but not limited to:

- Any direct, indirect or consequential damages of any nature or any loss of profit or other special damages of any nature which the user may suffer as a result of any breach by the installer of any of its obligations to the user.
- Any loss or damage to any property of the user or any third party, situated on the user's premises, as a result of an act or omission on the part of the installer.

-
- The manufacturer and MultiChoice do not directly or indirectly warrant or guarantee or make any representations whatsoever with regards to any equipment, including, but not limited to, any dish, LNB, or cabling used by the installer.

Subject to any express warranty or guarantee given by the manufacturer or MultiChoice, in writing, the manufacturer and MultiChoice do not:

- Give any warranty or guarantee or make any representation whatsoever in respect of any work carried out by the installer.
- Accept any liability for any latent or other defect in any work carried out by the installer.

SOFTWARE UPDATE DISCLAIMER

Due to software upgrades and downloads (*see page 44*), the menus and information in this manual may differ from those of your decoder and your television. All queries in this regard should be referred to your nearest MultiChoice Authorised Agent.

PRODUCT WARRANTY

The manufacturer and MultiChoice warrant that the decoder will be free from defects in design, materials and workmanship for a period of 12 months from the date of sale of the new MultiChoice decoder to the consumer. This warranty will not apply in the event of:

- the decoder being tampered with or being opened, worked on, repaired or modified, save by a MultiChoice authorised service or repair centre or a MultiChoice repair representative;
- the decoder not being installed or used in accordance with the manufacturer's specifications;
- malfunctioning or damage caused by the use of the decoder in conjunction with equipment or smartcards not supplied by the manufacturer or MultiChoice;
- the decoder being used to receive other services other than MultiChoice services.

In the event of the MultiChoice decoder not functioning, contact a MultiChoice authorised service or repair centre or a MultiChoice authorised repair representative. The manufacturer or MultiChoice, at their sole discretion, will repair or replace the MultiChoice decoder which is not functioning and which is taken to a MultiChoice authorised service or repair centre or a MultiChoice authorised repair representative within 12 months from the date of sale of the new MultiChoice decoder to the consumer.

Any repairs made in these first 12 months must be made by a MultiChoice authorised service or repair centre or a MultiChoice authorised repair representative.

In order to rely on this warranty certificate, this certificate, plus the original purchase receipt showing the date of the purchase of the new MultiChoice decoder must be provided to the MultiChoice authorised service or repair centre or the MultiChoice authorised repair representative to whom the decoder is taken.

DISCLAIMER

Other than set out in this manual, the manufacturer and MultiChoice make no warranties, either expressed or implied, and including, but not limited to, implied warranties of merchantability and fitness of the MultiChoice decoder for a particular purpose. This extends to the hardware, software, this manual and any other written materials accompanying the decoder at the time of its sale.

The manufacturer and MultiChoice specifically make no warranties, expressed or implied, that the MultiChoice decoder is capable, or in the future will be capable, of receiving services other than MultiChoice services.

Despite anything to the contrary, and save for the above-mentioned remedy in relation to the MultiChoice decoder which does not function during the period covered by this warranty certificate, the manufacturer and MultiChoice will bear no liability whatsoever, whether in contracts, delict or otherwise, for injury, loss or damage, including any loss of business profits or any other consequential damages arising out of the installation, use or operation of the MultiChoice decoder or any defect therein.

PLEASE NOTE: It is advisable to fill in the required information for your records.

Product Model:.....

Serial Number:.....

Purchaser s
Name:.....

Purchaser s Address:.....

.....

Authorised Dealer s
Name:.....

Dealer s Address:.....

.....

Date of Purchase:.....

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 few years time. This is especially true for MultiChoice Interactive services.

MultiChoice cannot guarantee that this decoder will be able to run all available services in future.

For a list of the MultiChoice Interactive services that the MultiChoice 910 decoder is currently capable of receiving, please go to [**www.dstv.com**](http://www.dstv.com)

MultiChoice will not be held responsible for any damage resulting from installations, whether by its agents, MultiChoice Accredited Installers, through do-it-yourself or through incorrect usage of equipment.

COPYRIGHT

By reason of the copyright and other intellectual property rights in such material, no data, video or audio content received using this decoder and a MultiChoice conditional access smartcard may be copied, re-transmitted, re-broadcast, hired-out or sold without written permission from MultiChoice Africa (Pty) Ltd.

The whole of this manual, including the graphics, menus and information contained herein are the subject of copyright and intellectual property rights under domestic law and international conventions. All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form by any means, electronic, mechanical or optical, in whole or in part, without the prior written permission of MultiChoice Africa (Pty) Ltd.

UNPACKING

The following items are included with the MultiChoice 910 Digital Satellite Decoder.

Remote Control Unit (RCU)



2 x AA Batteries



RF Cable



Mains Cable



GETTING TO KNOW YOUR MULTICHOICE 910 DECODER









FRONT PANEL



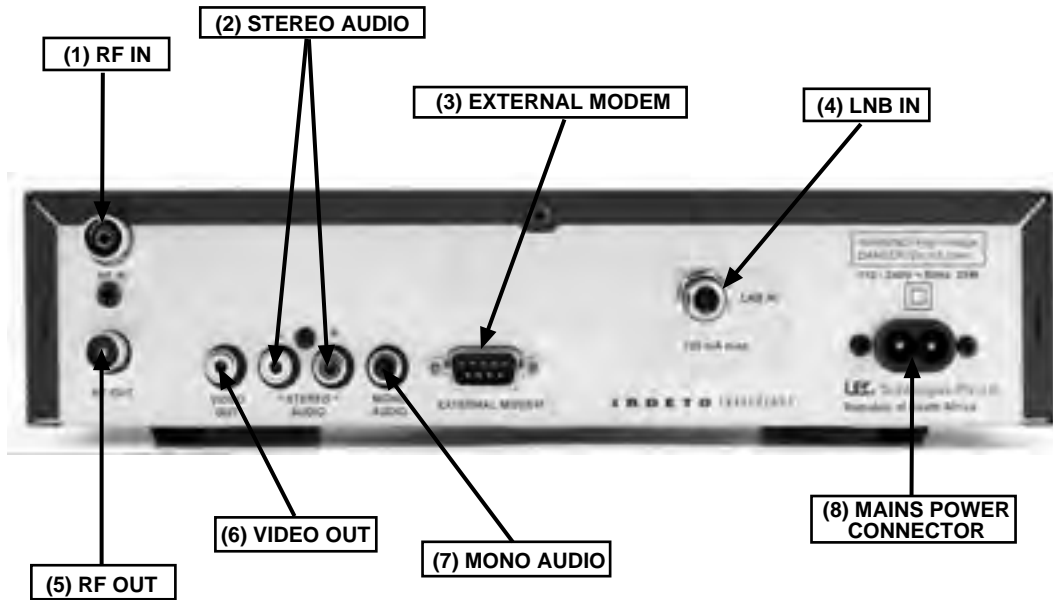
FRONT PANEL BUTTONS

	Alternates between Standby and On.
	Switches between MultiChoice TV services and Radio/Music services.
	When pressed together, resets the decoder.
P-	Programme Down - changes to the previous channel.
P+	Programme Up - changes to the next channel.
P+ & P-	When pressed together, displays the UHF channel.
V-	Volume Down - decreases the volume.
V+	Volume Up - increases the volume.
V+ & V-	When pressed together, mutes the volume of the decoder.

FRONT PANEL DISPLAY












	<p>24 hour clock displayed Only when the decoder is in standby.</p>
	<p>Number Video channel 53 selected.</p>
	<p>Number with a green light Audio channel 53 selected.</p>
	<p>Rotating bar Searching for service information.</p>
	<p>Four flashing bars and red light Channel not found/poor signal.</p>
	<p>Yellow light Indicates that the decoder has received a mail message.</p>
	<p>Red light Error indication.</p>
	<p>Horizontal lines Menu selected.</p>

BACK PANEL












1.	RF IN - for connection to VCR or terrestrial antenna
2.	STEREO AUDIO - for connection to television or Hi-Fi
3.	EXTERNAL MODEM - for use with DStv Modem
4.	LNB IN - for connection to LNB on satellite dish
5.	RF OUT - for connection to TV or VCR
6.	VIDEO OUT - for connection to television or VCR
7.	MONO AUDIO - for connection to TV or VCR
8.	MAINS POWER CONNECTOR - for connection to power socket

REMOTE CONTROL UNIT (RCU)

	Top Red Button Puts the decoder into standby or takes it out of standby mode.
	Red Button Displays the last viewed Channel.
	Green Button When pressed and held for 5 seconds then released, displays the UHF tuning channel. To remove the tuning application press EXIT.
	Yellow Button Displays the local time and date.
	Blue Button Displays the soundtrack information for 5 seconds.
	Mutes the audio.
	Displays the information plate (i-Plate). When pressed again, displays the extended programme information.
	Switches from a TV Channel to an Audio Channel.
	Displays Subtitle and Teletext options.
	TV Button Displays available bouquets, or switches from an Audio Channel to a TV Channel.
	Numeric Buttons Used to enter Channel Numbers, PIN codes, etc.



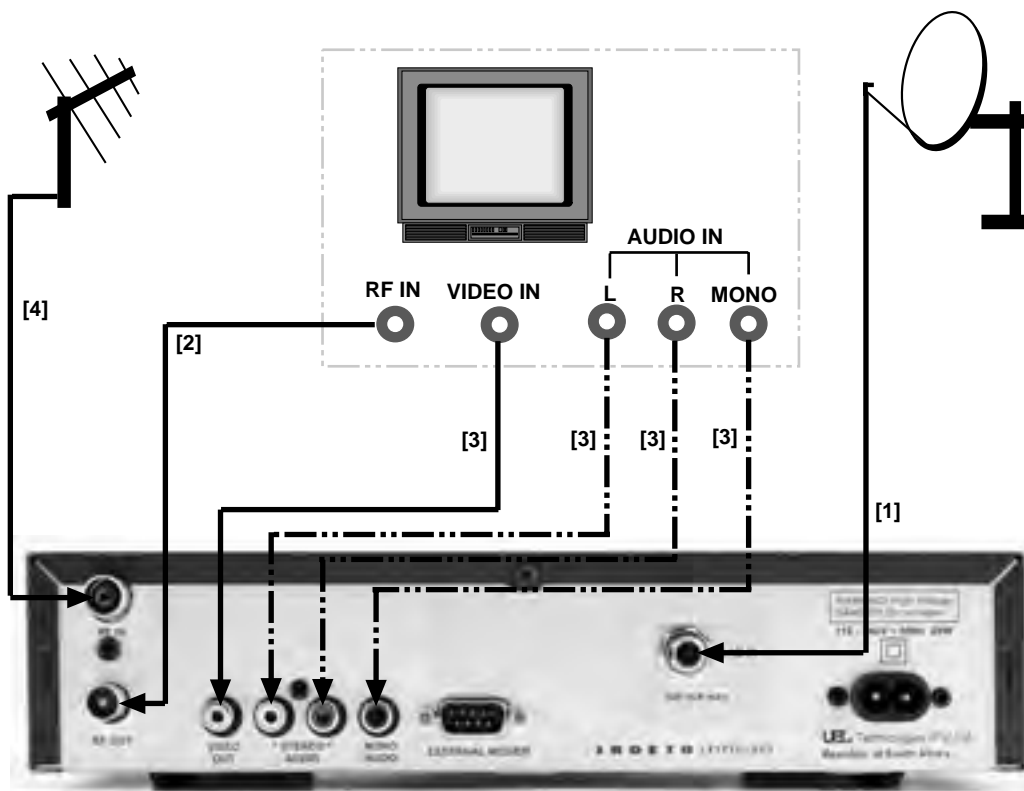
	Programme Up Changes to the next channel.
	Programme Down Changes to the previous channel.
	Increases the volume.
	Decreases the volume.
	Exit Button Removes information from the screen. If a menu is displayed, pressing EXIT will return you to the previous menu.
	Menu Button Displays the Main Menu, or if a menu is displayed, returns to the last viewed Channel.
	TV Guide Button Selects the DStv Guide.
	OK Button Selects the option highlighted on-screen.
	Arrow Keys Used for scrolling through items on-screen.

MULTICHOICE DECODER CONNECTIONS

There are several ways of connecting the MultiChoice decoder to your existing entertainment system. The following more common examples enable you to view the MultiChoice services, record and playback on your VCR and listen to CD quality stereo sound on your Hi-Fi.

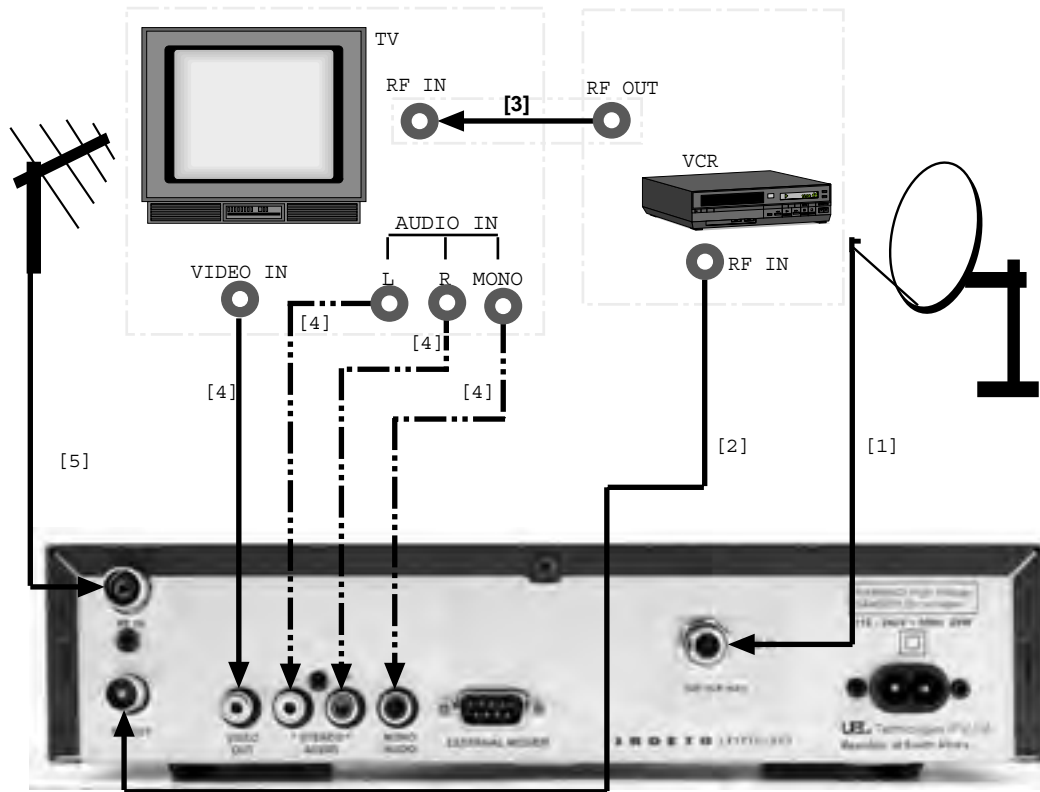
Consult your local MultiChoice Accredited Installer for assistance in setting up an audio/video configuration best suited to your requirements.

SET-UP 1 : DECODER, TV



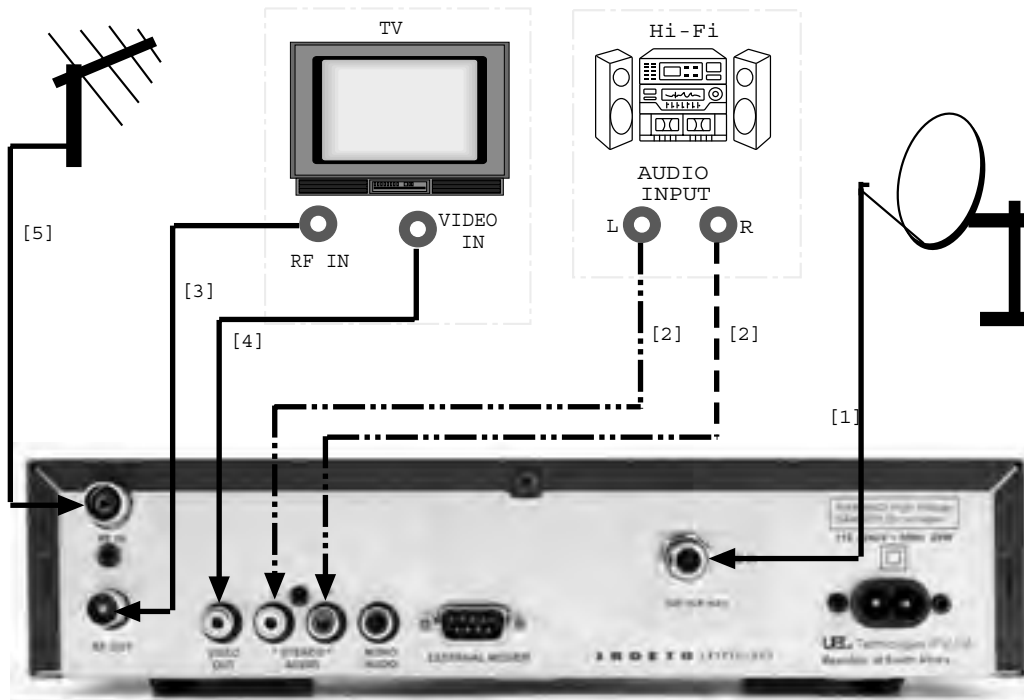
1	Connect the LNB IN socket of the decoder to the LNB on the satellite dish. <i>(Refer to [1] on the illustration above)</i>
2	Connect the RF OUT socket of the decoder to the RF IN socket of the TV. <i>(Refer to [2] on illustration above)</i>
3	If you are using AV connectors, connect the VIDEO OUT socket of the decoder to the VIDEO IN socket of the TV set and the STEREO/MONO AUDIO socket/s of the decoder to the AUDIO IN socket/s of the TV set. <i>(Refer to [3] on the illustration above)</i>
4	To view terrestrial services, connect the RF IN socket of the decoder to the terrestrial antenna. <i>(Refer to [4] on the illustration above)</i>

SET-UP 2 : DECODER, TV, VCR



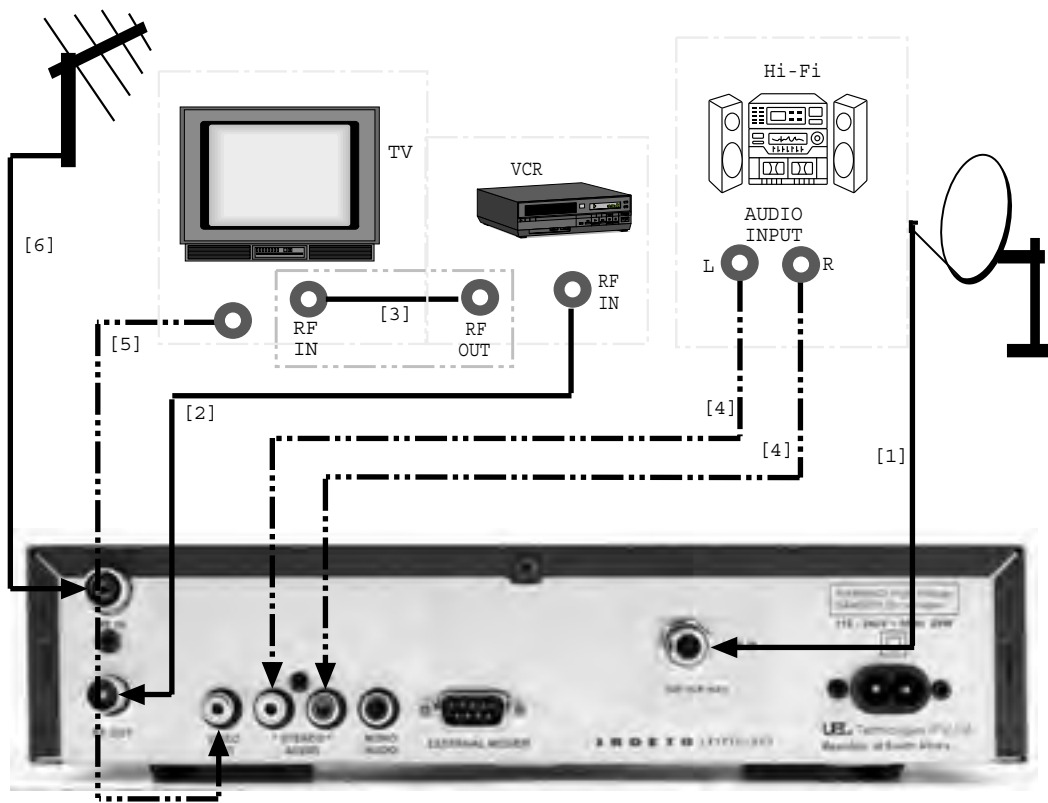
1	Connect the LNB IN socket of the decoder to the LNB on the satellite dish. <i>(Refer to [1] on the illustration above)</i>
2	Connect the RF OUT socket of the decoder to the RF IN socket of the VCR. <i>(Refer to [2] on illustration above)</i>
3	Connect the RF OUT socket of the VCR to the RF IN socket of the TV. <i>(Refer to [3] on illustration above)</i>
4	If you are using AV connectors, connect the VIDEO OUT socket of the decoder to the VIDEO IN socket of the TV set and the STEREO/MONO AUDIO socket/s of the decoder to the AUDIO IN socket/s of the TV set. <i>(Refer to [4] on the illustration above)</i>
5	To view terrestrial services, connect the RF IN socket of the decoder to the terrestrial antenna. <i>(Refer to [5] on the illustration above)</i>

SET-UP 3 : DECODER, TV, Hi-Fi



1	Connect the LNB IN socket of the decoder to the LNB on the satellite dish. (Refer to [1] on the illustration above)
2	Connect the STEREO AUDIO (left and right) sockets of the decoder to the left and right audio inputs of the Hi-Fi. (Refer to [2] on the illustration above)
3	Connect the RF OUT socket of the decoder to the RF IN socket of the TV. (Refer to [3] on the illustration above)
4	If you are using AV connectors, connect the VIDEO OUT socket of the decoder to the VIDEO IN socket of the TV set. (Refer to [4] on the illustration above)
5	To view terrestrial services, connect the RF IN on the decoder to the terrestrial antenna. (Refer to [5] on the illustration above)

SET-UP 4 : DECODER, TV, VCR, HI-FI



1	Connect the LNB IN socket of the decoder to the LNB on the satellite dish. <i>(Refer to [1] on the illustration above)</i>
2	Connect the RF OUT socket of the decoder to the RF IN socket of the VCR. <i>(Refer to [2] on the illustration above)</i>
3	Connect the RF OUT socket of the VCR to RF IN socket of the TV. <i>(Refer to [3] on the illustration above)</i>
4	Connect the STEREO AUDIO (left and right) sockets of the decoder to the left and right audio inputs of the Hi-Fi. <i>(Refer to [4] on the illustration above)</i>
5	If you are using AV connectors, connect the VIDEO OUT socket of the decoder to the VIDEO IN socket of the TV set. <i>Refer to [5] on the illustration above)</i>
6	To view terrestrial services, connect the RF IN on the decoder to the terrestrial antenna. <i>(Refer to [6] on the illustration above)</i>

GETTING STARTED

Switch on / plug in the MultiChoice decoder at the mains. The decoder will go through a power-up sequence, acquire all available MultiChoice channels and display Channel 1. Consult your television manual on displaying AV signals if you have problems viewing the decoder signal. At this time, there will be an error banner on-screen asking you to insert the MultiChoice smartcard.

INSERTING THE MULTICHOICE SMARTCARD

- Locate the slot at the bottom right-hand side of the front panel of the decoder.
- Hold the smartcard horizontally, with the electronic chip (generally a small gold square) facing downwards.
- Insert the smartcard into the slot until it is completely in.



SETTING UP THE UHF CHANNEL

NOTE: *Unless absolutely necessary, do not change installation, connections or decoder set-up or retune a working system. If changes are made, record all the original settings.*

TUNING YOUR TV

If your TV is not tuned to the decoder viewing channel, you will not be able to view the Digital Satellite channels.

- 1 Connect the Satellite Signal to the decoder. Refer to the section MultiChoice Decoder Connections on page 13.
- 2 Switch on the TV and select an unused channel to set-up your decoder. This channel will now be used for the viewing of the Satellite services.
- 3 The UHF tuning channel can be launched by pressing and holding the **P+** and **P-** buttons on the decoder front panel for approximately 2 seconds or by pressing and holding the **GREEN** button on the remote control for approximately 5 seconds, until UHF is displayed on the front panel display.



- 4 Tune your TV set until you obtain the test pattern shown on the left. A channel number will be displayed on the decoder front panel display, e.g. 46.
- 5 Once you have obtained this test pattern on your TV set, press the **STANDBY** button on the front panel or the **OK** button on the remote control.
- 6 Check that there is no interference on the other channels your TV was tuned to. If you notice any interference, you need to change the UHF channel that is being used by the decoder.
- 7 Repeat step 3. Follow the on-screen help text to change the UHF channel.
- 8 Once you have changed the UHF channel, the TV screen will no longer display the test pattern and the channel number on the front panel display will be different. Repeat step 4.
- 9 Once this test pattern is visible on the TV set again, follow the on-screen help text to save your UHF channel.
- 10 You will now either have access to the MultiChoice channels to which you have subscribed, or you will have an error message that the service is currently scrambled (this error message indicates that the MultiChoice smartcard has not yet been enabled). Please call your nearest MultiChoice Contact Centre to enable the smartcard.

If interference is still present, it is recommended that good quality screened cables (preferably double screened) be used for interconnecting all other equipment to the decoder.

STANDBY AND NORMAL VIEWING MODES

The MultiChoice decoder does not have a mains power on/off switch but it can be switched to the standby mode using the standby button on the remote control or on the front panel. The standby mode is indicated by a 24 Hour Clock on the decoder front panel display.

There is negligible difference in power consumption between the standby and active modes. The MultiChoice decoder may be left on permanently without any detrimental affect.

USING YOUR DECODER

THE INFORMATION PLATE (I-PLATE)

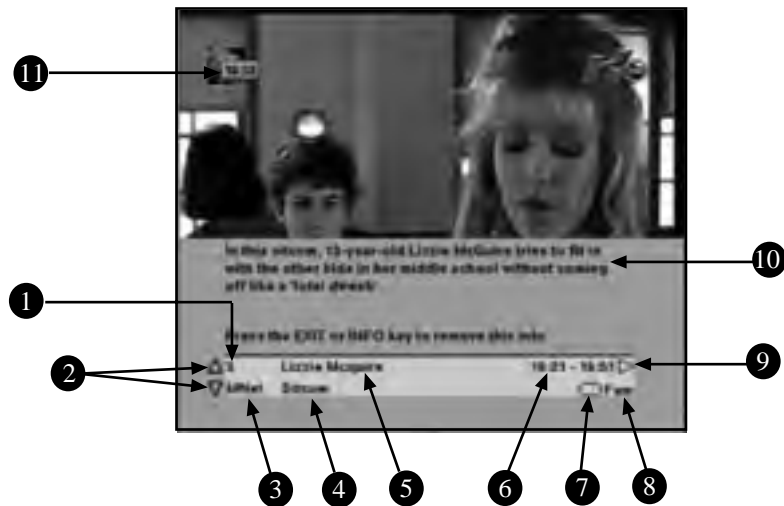
I-PLATE DETAILS

The Information Plate (i-Plate) is displayed for 10 seconds each time you change channel or exit from a menu.

If you require more information about the programme while the i-Plate is displayed, press **3** again and extended information about the programme will be displayed.

To remove the i-Plate, press **EXIT**.

The i-Plate display period can be changed in the **Information Display Period** menu located in the **Main Menu**.



NOTE: *The i-Plate is one of the most useful features on the MultiChoice decoder. Understanding all the functions available when the i-Plate is displayed, will greatly enhance your viewing pleasure.*

Refer to the corresponding numbers on the picture on the previous page.

1	Channel Number
2	Up and Down Arrow - Use the ▲ and ▼ arrow keys for browsing
3	Channel Name
4	Type of programme showing
5	Name of the current programme
6	The start and end time of the current programme
7	Audio type available, in this case Stereo
8	Parental Guidance Level for the current programme
9	Right Arrow - Use the ► arrow for next programme
10	Additional information about the current programme
11	Clock - Displays the local time

I-PLATE FEATURES

With the Information Plate (i-Plate) displayed, you will be able to view the following information:

1. **CLOCK** - displays the local time.
2. **NOW/NEXT** - displays information about the current programme or information about the programme that is on next.
3. **EXTENDED INFORMATION** - presents more information about a programme.
4. **BROWSING** - allows you to view information about programmes on other channels.
5. **REMINDERS** - allows you to set reminders for programmes that have not started yet.

NOW/NEXT

NOW (current programme)



1. While viewing a programme, press **i**
2. The i-Plate will display information about the current programme on the channel being viewed.
3. To remove the i-Plate, press **EXIT**.

NEXT



1. To obtain information about the next programme on this channel, press the **▶** arrow.
2. When you press the **◀** arrow, the i-Plate will show information about the current programme on this channel.
3. To remove the i-Plate press **EXIT**.

EXTENDED INFORMATION



1. If you want extended information about a programme, press **i** while the i-Plate is displayed.
2. This will show the Extended Event Information screen for either the Now or Next programme (whichever you are in). You can clear the Extended Event Information screen by pressing **EXIT**. Pressing **EXIT** a second time will remove the i-Plate.

BROWSING

The i-Plate allows you to browse through information about programmes on other MultiChoice channels without tuning away from the channel you are viewing. To do this, follow the steps below:

BROWSING (current programme)



1. Press **i** to display the i-Plate. While the i-Plate is displayed, press the **▲** or **▼** arrow. This will allow you to browse through information about programmes on other channels without tuning to these channels.
Example: in the picture above, we are tuned to M-Net, but the i-Plate displays information about the current programme on TCM.
2. You can tune to the browsed channel (TCM in this case) by pressing **OK**.
3. To remove the i-Plate, press **EXIT**.

BROWSING (next mode)



1. Press **i** to display the i-Plate. While the i-Plate is displayed, press the **▶** arrow. Information about the next programme will be displayed. Now press the **▲** or **▼** arrow. This will allow you to browse through information about the next programme on other channels without tuning to these channels.
Example: in the picture on the left, we are tuned to M-Net, but the i-Plate displays information about the next programme on Action TV.
2. To remove the i-Plate, press **EXIT**.

REMINDERS

- NOTE:**
1. Reminders cannot be set for programmes that have already started.
 2. If you are using an Interactive service, reminders will not work

BANNER REMINDERS

Banner Reminders will display a banner on your TV screen once the selected programme starts, irrespective of the channel that you are watching (except Interactive services). Example: you can view a programme on M-Net and set a reminder for the next programme on the Movie Magic channel. When the programme on Movie Magic starts, a banner will be displayed on-screen to remind you of the programme on Movie Magic.

Setting a Banner Reminder



1. To set a Banner Reminder, press **4** to display the i-Plate.
2. Next press the **▶** arrow to display the next programme.
3. Press **OK** once to set a Banner Reminder for that programme. A banner will appear on-screen, as well as a small **B** on the i-Plate to confirm that a Banner Reminder has been set. When the selected programme starts, a banner will be displayed on-screen, to remind you that the programme has started.
4. To tune to the selected programme press **OK**. To cancel the reminder and continue watching the current programme, press **EXIT**.

Cancelling a Banner Reminder



1. To cancel a Banner Reminder, press the **4** button to display the i-Plate.
2. Next press the **▶** arrow to display the next programme.
3. A small **B** will be displayed on the i-Plate indicating that a Banner Reminder has been set for the next programme.
4. Press **OK** twice to cancel the Banner Reminder for that programme. A banner will appear on-screen, indicating that the Reminder has been cancelled.

AUTOTUNE REMINDERS

When an Autotune Reminder is set, the decoder will automatically tune to the programme when it starts.

Setting an Autotune Reminder



1. To set an Autotune Reminder, press **i** to display the i-Plate.
2. Next press the **▶** arrow to display the next programme. Press **OK** twice to set an Autotune Reminder for that programme.
3. A banner will appear on-screen, as well as a small **A** on the i-Plate to confirm that an Autotune Reminder has been set.
4. When the selected programme starts, the decoder will automatically tune to the programme.

Cancelling an Autotune Reminder



1. To cancel an Autotune Reminder, press **i** to display the i-Plate.
2. Next press the **▶** arrow to display the next programme.
3. A small **A** will be displayed on the i-Plate indicating that an Autotune Reminder has been set for the next programme.
4. Press **OK** once to cancel the Autotune Reminder for that programme.
5. A banner will appear on-screen, indicating that the Reminder has been cancelled.

VOLUME CONTROL AND MUTE

Volume Control



1. Pressing **V+** or **V-** will increase or decrease the volume. A volume bar will be displayed on-screen (see picture on the left) indicating the volume level.

Please note: *The volume level will not adjust if the Fixed Audio output of the decoder is used. The volume bar display period is set to 5 seconds, but can be adjusted in the Main Menu, refer to page 40.*

Mute



1. Pressing **MUTE** will mute the audio. A volume mute bar will be displayed on-screen (see picture on the left). To restore the audio, press **MUTE**, **V+** or **V-**.

Please note: *The volume will not mute if the Fixed Audio output of the decoder is used. The mute icon is displayed on screen until **V+** or **V-** is pressed.*

LANGUAGE SELECTION



1. Some programmes have Multiple Language Options available (as displayed in the pictures on the left).
2. At anytime during the programme, you can select and listen to these Language Options.
3. To select a different language, press **Ⓜ**. A Language Option menu will be displayed, with the current Language Option highlighted.
4. Use the **▲** or **▼** arrows to move the highlight to the desired Language Option (if available), then press **OK** to select.
5. The new Language Option will now be heard.

Please note: The preferred language options can be set in the Main Menu.

SUBTITLES

Some programmes have Subtitles available. At anytime during the programme, any one of the available Subtitles can be displayed/removed from the TV screen.

Displaying Subtitles



Press **Ⓜ** to display the **Subtitles/Teletext** Options menu. If Subtitles are available for the programme, use the **▲** or **▼** arrow to move the highlight to the desired Subtitle Option and press **OK**.

Removing Subtitles



Press **OK** to display the **Subtitles/Teletext** Options menu.
From the Subtitles/Teletext Options menu, use the **▲** or **▼** arrow to move the highlight to **No Subtitles** and press **OK** or press **EXIT**.

TELETEXT

Teletext is information in the form of text which is displayed on your TV screen. Teletext is only available on certain MultiChoice channels, example CNN.

DISPLAYING TELETEXT




1. While viewing a channel that contains the Teletext service, press **OK** to display the **Subtitles/Teletext** Options menu (see picture top left).
2. If a Teletext service is unavailable on that channel, the message **No Teletext** will be displayed.
3. If a Teletext service is available on that channel, use the **▲** or **▼** arrow to move the highlight to the Teletext option and press **OK**. The Teletext screen will be displayed. (see picture top right).

USING THE TELETEXT SERVICE






To page up or down, press **P+** or **P-**. To change to another page, key in the required page number using the number keys on the remote. In the example above, we want to view World Sport. We enter the page number using the number keys. The Sport page then loads within a few seconds (see picture top right). If you have entered an incorrect number use the ◀ arrow to delete.

To remove the Teletext service, press **EXIT**.

TIP: *While the Teletext service is displayed, you can press  again to make the Teletext transparent.*

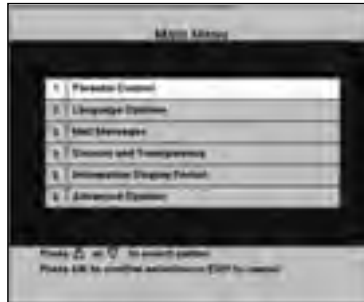
DMX AUDIO SERVICES

DMX Audio Services are Music Services and therefore do not have video present. To access DMX follow the steps below:

	1. Press OK . The screen on the top left will be displayed.
	2. Press OK again and the Bouquet Options menu will be displayed (see the centre picture).
	3. Use the ▲ or ▼ arrow to scroll to DStv Audio Bouquet.
	4. Press OK to select the DStv Audio Bouquet.
	5. After a few seconds, the DMX DJ application will load, displaying information about the current song (see picture at the bottom).
	6. To return to DStv, press TV twice. The Bouquet Options menu will be displayed. Use the ▲ or ▼ arrows to scroll to DStv and press OK to select.

USING THE MENUS

THE MAIN MENU



To use the Main Menu, press **MENU**. The Main Menu, which provides access to all sub-menus, will be displayed. Changes to settings of the decoder are done in the Menu.

Whenever you change the values or settings within any of the menus or sub-menus, you must move the highlight to **Accept these Changes** and press **OK**.

The menus and sub-menus can be navigated through as follows:

1. Use the **▲** or **▼** arrow to move the highlight.
2. Press **OK** on a menu item to select it.
3. Press **EXIT** to return to the previous menu (go one step back).
4. To change any settings or values, highlight the desired option and press **OK**. The area where the values are displayed will become white. Use the **◀** or **▶** arrow to change these values. Once the values have been changed, press **OK** again. Now move the highlight to **Accept these Changes** and press **OK** to confirm your changes.
5. Use the numeric keys (0-9) to type in numerical values (for example PIN codes, frequency values, etc.)
6. To exit from all menus and return to MultiChoice TV or Audio Channels press **MENU**.

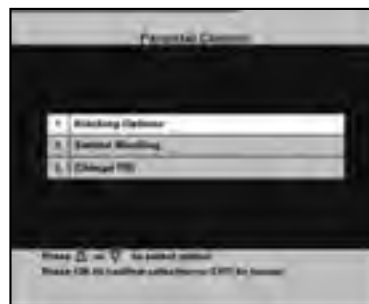
PARENTAL GUIDANCE

The decoder has a Parental Guidance feature to control viewing of restricted programmes. Access to this feature is controlled by the Parental PIN code.

The default Parental PIN code is 1234. If you intend to use the Parental Guidance feature, please change your Parental PIN code and remember to keep a note of it in a secure place. Should you lose your Parental PIN code, call your nearest MultiChoice Contact Centre.

NOTE: To use or change your Parental PIN code, your MultiChoice smartcard must be in the decoder.

ACCESSING THE PARENTAL GUIDANCE MENU



1. Press **MENU** to display the Main Menu.
2. Parental Guidance is the first option in the Main Menu and will be highlighted. Press **OK** to select this option.
3. A Security Check screen is displayed (see picture top left). Enter the Parental PIN code using the number keys on the remote. The default Parental PIN code is 1234.

NOTE: If the incorrect PIN is entered, Security Check screen will be displayed again.

4. The Parental Guidance sub-menu is now displayed, offering three options (see picture top right):
 - a) Blocking Options
 - b) Service Blocking
 - c) Change PIN
5. Each of the three Parental Guidance options are explained in detail.

Please note: The Parental PIN code will be revoked if entered incorrectly more than 3 times. Contact your nearest MultiChoice Contact Centre to have it reset to 1234.

PARENTAL GUIDANCE LEVELS

LEVEL	DESCRIPTION
No Block	None of the programmes will be censored.
Family	Rated as suitable for the whole family. PIN required for events rated PG 13 and higher.
PG 13	For all ages up to and including 13-years-old. Parents should be present when viewing. PIN required for events rated 16 and higher.
16	Viewing suitable only for 16-year-olds and above. PIN required for events rated 18 and higher.
18	Viewing suitable only for 18-year-olds and above. PIN required for events rated R18 and above.
R18	Only programmes rated higher than R18 will be blocked.
Total Block	All programmes will be blocked, unless unblocked using the Parental PIN code.

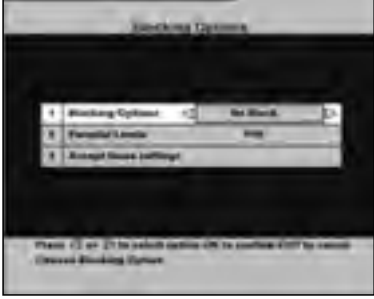
BLOCKING OPTIONS

Blocking Options allow you to select either No Block, Total Block or Parental Guidance.

1. **No Block** does not block any channels.
2. **Total Block** blocks all channels.

NOTE: *If Total Block is selected, no viewing will be possible unless the channel is unblocked using a valid Parental PIN Code.*

3. **Parental Guidance** allows you to specify a level of permitted viewing. If this option is selected, you must also select a Parental Level. Parental Level has the values R18, 18, 16, PG13 and Family.



When selecting Blocking Options from the Parental Guidance sub-menu, the following screen is displayed (see picture).

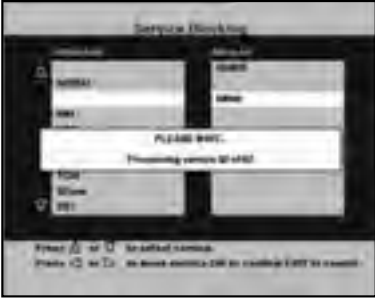

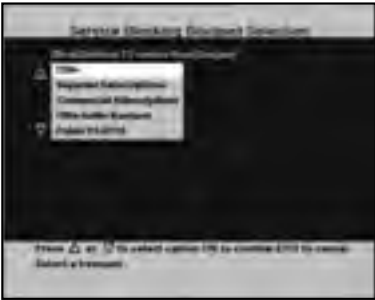
NOTE: The default setting is No Block and Parental Level R18 .

1. To change either Blocking Options or Parental Level, use the ◀ or ▶ arrow to highlight the desired option and press **OK**. Use the ▲ or ▼ arrow to scroll through the different options and press **OK** to make your selection.
2. Once you have selected the desired blocking option, move the highlight to Accept these settings and press **OK**. This will save the changes you have made and return to the Parental Guidance sub-menu.
3. To return to the Main Menu from the Parental Guidance sub-menu, press **EXIT**. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

SERVICE BLOCKING

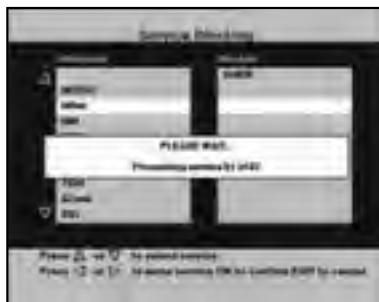
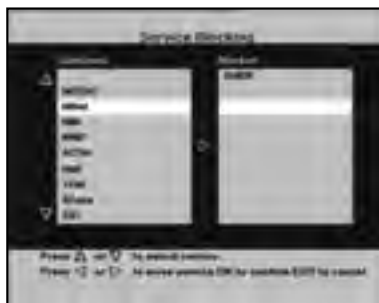
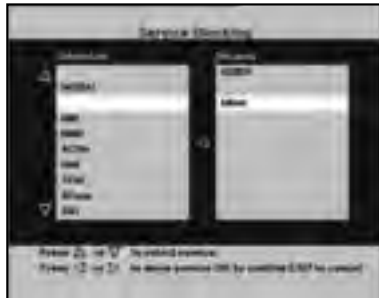
Service Blocking differs from Blocking Options in that this feature is used to block an entire channel, irrespective of age restriction on that channel. Example: if you do not want your children to watch the Cartoon Network Channel, then you would select the Service Blocking option and select to have that particular channel blocked. This blocked channel cannot be viewed until a valid Parental PIN code is entered. If you unblock this channel, then change channels and return to Cartoon Network, you will once again have to enter a valid Parental PIN code to unblock it.

SELECTING MULTICHOICE CHANNELS TO BE BLOCKED



1. From the Parental Guidance sub-menu, select **Service Blocking** and press **OK**. The Service Blocking Bouquet Selection screen is now displayed (see picture on top).
2. Use the **▲** or **▼** arrow to select the bouquet in which the channel you would like to block is located, and press **OK**. The Service Blocking screen is now displayed, showing all the MultiChoice channels available within the selected MultiChoice bouquet.
3. The Service Blocking screen indicates all the Unblocked Channels (within the selected bouquet) on the left, and all the Blocked Channels on the right (see centre picture). Use the **▲** or **▼** arrow to select a channel that you would like to block (from the list on the left) and then press the **▶** arrow to move that channel to the list of Blocked Channels on the right. Repeat this process for every channel that you would like blocked.
4. Once you are satisfied with the channels to be blocked, press **OK**. A message will appear on-screen asking you to **PLEASE WAIT** (see picture at the bottom). Once processing is complete, the Service Blocking Bouquet Selection screen will be displayed.
5. To return to the Main Menu from the Service Blocking Bouquet Selection screen, press **EXIT** twice. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

REMOVING MULTICHOICE CHANNELS FROM SERVICE BLOCKING



1. Go to the Service Blocking screen (refer to the previous section for Selecting MultiChoice Channels to be blocked).
2. Use the ▲ or ▼ arrow to select a channel that you would like to unblock (from the list on the right) and then press the ◀ arrow to move that channel to the list of Unblocked Channels on the left. Repeat this process for every channel you would like to unblock. In the top centre picture we have chosen to unblock M-Net and leave Guide as blocked.
3. Once you are satisfied with the channels to be unblocked, press **OK**. A message will appear on-screen asking you to PLEASE WAIT (see picture bottom left). Once processing is complete, the Service Blocking Bouquet Selection screen will be displayed.
4. To return to the Main Menu from the Service Blocking Bouquet Selection screen, press **EXIT** twice. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

CHANGING THE PARENTAL PIN CODE

This option allows you to change the Parental PIN code from the default code (1234) to a code of your preference.

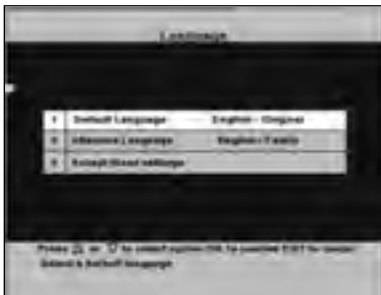


1. From the Parental Guidance sub-menu select **Change PIN** and press **OK**. The Change PIN screen is now displayed (see picture on top).
2. In the **Old PIN code** line, enter the current Parental PIN code using the number buttons (0-9) on the remote. When you have entered 4 digits, the highlight automatically moves to the **New PIN code** line (see centre picture).
3. In the **New PIN code** line, enter your new Parental PIN code. Please note: this PIN must be a 4 digit number. When you have entered 4 digits, the highlight automatically moves to the **Re-enter new PIN code** line (see picture at the bottom).
4. In the **Re-enter new PIN code** line, re-enter the same Parental PIN code as the **New PIN code** just entered. Once entered, you will automatically be taken back to the Parental Guidance sub-menu.
5. To return to the Main Menu from the Parental Guidance sub-menu, press **EXIT**. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.



LANGUAGE OPTIONS

The Language Options feature allows you to specify the default language to be played out for your programmes (if available).



1. Press **MENU** to display the Main Menu.
2. Select **Language Options** and press **OK**. The Language screen is displayed (see picture).
3. To change either the Default Language or Alternate Language highlight the desired option and press **OK**. The area where the language is displayed now becomes white.
4. Use the **◀** or **▶** arrow to change the language. Once you have chosen the preferred language, press **OK** again. Now select **Accept these changes** and press **OK**. The Main Menu is now displayed.
5. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

MAIL MESSAGES

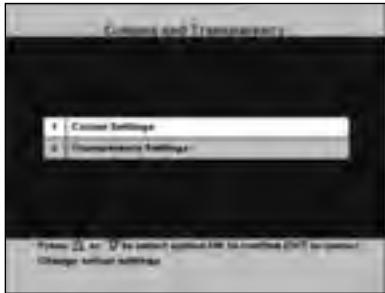
MultiChoice can send global messages over the air. When a message has been received on your MultiChoice decoder, a yellow light on the front panel will glow and an envelope symbol will appear on-screen when in normal viewing mode. If your decoder is in standby, only the yellow light on the front panel will be visible.



- To read the message:
1. Press **MENU** to display the Main Menu.
 2. Select **Mail Messages** and press **OK**. The Mail Message screen is displayed, indicating the relevant message(s).
 3. To return to the Main Menu from the Mail Message screen, press **OK** or **EXIT**.
 4. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.
 5. The yellow light on the front panel will now be off and the envelope symbol will no longer be displayed on the TV screen.

COLOURS AND TRANSPARENCY

The Colours and Transparency feature allows you to customise the colours of the menus (on-screen displays) of the decoder. In addition to the colours, you can also select a Transparent or Opaque colour scheme. When Transparent, the video can be seen in the background of the Menu, Information Plate (i-Plate), Subtitle/Teletext Menu and Bouquets Menu. If Opaque is chosen, the video will not be visible in the background of these menus. In both cases, audio is still available.

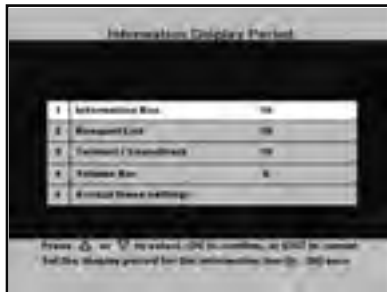


To access the Colours and Transparency feature:

1. Press **MENU** to display the Main Menu.
2. Select Colours and Transparency and press **OK**. The Colours and Transparency menu is displayed (see picture).
3. To choose another colour scheme or to change transparency settings highlight the required option and press **OK**. The relevant sub-menu is displayed.
4. Press **OK** to change this setting. The area displaying the required setting now becomes white.
5. Use the **◀** or **▶** arrow to change the relevant settings. Once you have chosen the preferred setting, press **OK**. Move the highlight to **Accept these changes** and press **OK** again. The Main Menu is now displayed.
6. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

INFORMATION DISPLAY PERIOD

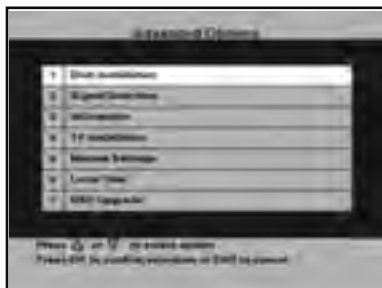
If the period that the Information Plate (i-Plate), Subtitles, Teletext Menu, Bouquets Menu, or Volume Bar is displayed on-screen is too long or too short, this feature allows you to adjust the display period for each of these items mentioned above to suit your preference.



- To change the Information Display Period:
1. Press **MENU** to display the Main Menu.
 2. Select Information Display Period and press **OK**. The Information Display Period sub-menu is displayed (see picture).
 3. To change any of the settings within this sub-menu highlight the required setting and press **OK** to change this setting. The area displaying the required setting now becomes white.
 4. Use the ◀ or ▶ arrow to change the relevant settings. Once you have chosen the preferred setting press **OK** again. Move the highlight to Accept these changes and press **OK**. The Main Menu is now displayed.
 5. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

ADVANCED OPTIONS

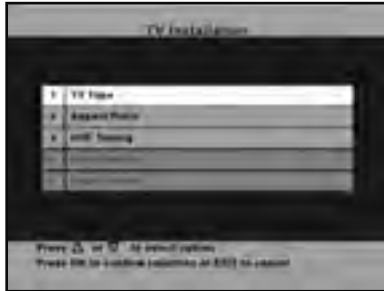
This is where the set-up of the decoder is done. We recommend that you do not make changes to the settings in the first three sub-menus in the Advanced Options menu. **The PIN code for Advanced Options is 9949.**



- To access the Advanced Options feature:
1. Press **MENU** to display the Main Menu.
 2. Select Advanced Options and press **OK**. The Advanced Options menu is displayed (see picture).
 3. Select the required option and press **OK**. The required sub-menu will be displayed.
 4. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

TV INSTALLATION

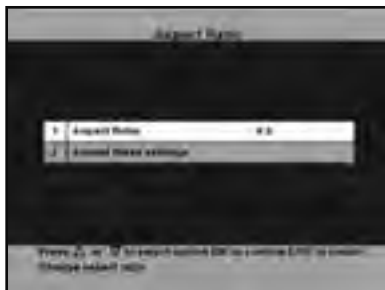
In the TV Installation menu, you can adjust the Aspect Ratio, UHF tuning and TV Type. All the TV Installation menu options are explained in this section. **The PIN code for TV INSTALLATION is 9949.**



To access the TV Installation Menu:

1. Press **Menu** to display the Main Menu.
2. Select **Advanced Options** and press **OK**.
3. Select **TV Installation** and press **OK**.
4. The TV Installation menu is displayed (see picture).
5. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

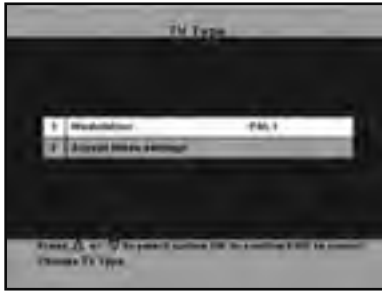
ASPECT RATIO



The Aspect Ratio allows you to select between a normal width TV (4:3) or wide-screen TV (16:9).

1. Repeat steps 1 to 3 of TV Installation. With the TV Installation menu displayed, select **Aspect Ratio**.
2. The Aspect Ratio menu is displayed with aspect ratio set to 4:3. To change this, press **OK**.
3. Select **Accept these Settings** and press **OK**.
4. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

TV TYPE



The TV Type is determined by the TV system used in the country of installation (default is PAL I). To set the TV Type:

1. Press **MENU** to display the Main Menu.
2. Select **Advanced Options** and press **OK**.
3. Select **TV Installation**. Press **OK** and enter the Installation PIN code (9949) when the Security Check screen is displayed.
4. Select **TV Type** and press **OK**. See picture on the left.
5. The TV Type menu is displayed with modulation set to PAL I. To change this, press **OK**.
6. Use the **◀** or **▶** arrows to change the option. Press **OK**.
7. Select **Accept these settings** and press **OK**.
8. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

UHF TUNING

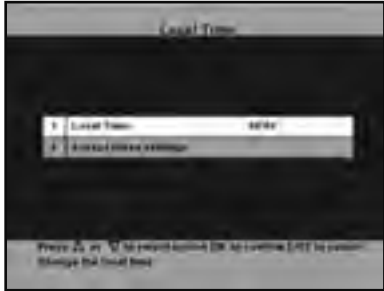


The UHF tuning feature allows you to select a particular UHF channel for satellite viewing.

1. Press **MENU** to display the Main Menu.
2. Select **Advanced Options** and press **OK**.
3. The **Advanced Options** menu is displayed. Select **TV Installation**. Press **OK** and enter the Installation PIN code (9949) when the Security Check screen is displayed.
4. Move the highlight to **UHF Tuning** and press **OK** again.
5. The UHF Tuning test pattern is displayed on the TV (see picture). To change the UHF channel, use the **◀** or **▶** arrows. Press **OK** to confirm your selection. The TV Installation menu will be displayed.
6. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.
- 7.

LOCAL TIME

In this menu you can set the time that is displayed by the decoder.



If the time displayed does not correspond with the current time, change the time by following these steps:

1. Press **MENU** to display the Main Menu.
2. Select **Advanced Options** and press **OK**. The Advanced Options menu is displayed.
3. Select **Local Time** and press **OK** again. The Local Time menu is displayed. Press **OK** again.
4. Use the **◀** or **▶** arrow to change the relevant settings. Once you have chosen the preferred setting, press **OK**. Now move the highlight to **Accept these settings** and press **OK**.
5. To exit from all menus and return to MultiChoice TV or Audio Channels, press **MENU**.

DECODER UPGRADE

This option allows you to upgrade the software in your decoder. It is advisable to check for software upgrades on a regular basis.



To access the decoder upgrade feature:

1. Press **MENU** to display the Main Menu.
2. Select **Advanced Options** and press **OK**. The **Advanced Options** menu is displayed.
3. Select **DSD Upgrade** and press **OK**. The **System Download Status** screen is displayed (see picture). If an upgrade is available, the decoder will display the estimated time the download will take. If you want to upgrade your decoder, press **OK** and the upgrade will commence. If you want to upgrade your decoder at a more convenient time, press **EXIT** to abort the download.
4. After the upgrade is complete, normal viewing will resume.
5. If no upgrade is available, a message **Download not available** will be displayed. Press **EXIT**. The **Advanced Options** menu will be displayed.
6. To exit from all menus and return to **MultiChoice TV** or **Audio Channels**, press **MENU**.

SOFTWARE DOWNLOADS

The software and the intellectual property rights incorporated in the MultiChoice decoder are owned by or are licensed to MultiChoice, and MultiChoice reserves the right to amend this software from time to time by means of software downloads.

FACTORY RESET

This option will reset the MultiChoice decoder to the factory default values. All changes made to the settings of the decoder will be lost. Settings such as the Tuning parameters, Language options, etc. will all be reset.

It is not recommended that you reset your decoder to factory defaults, unless asked to do so by the MultiChoice Contact Centre or a MultiChoice Accredited Installer.

The Default values are as follows:

LNB CONFIGURATION

LNB is	:	Enabled
LNB Power	:	ON
LNB Mode	:	Dual Frequency
LNB Hi Frequency	:	9750
LNB Lo Frequency	:	10700
Orbital Position	:	PAS7/10

NETWORK SET-UP

Network Set-up 1 — Home	:	
Signal Set-up	:	Enabled
Orbital Position	:	PAS7/10
Use NIT	:	Yes
Frequency	:	11594
Symbol Rate	:	27500
Polarisation	:	Vertical
FEC	:	5/6

TV INSTALLATION

TV Type	:	PAL I
Aspect Ratio	:	4:3
UHF Tuning	:	Ch 46 (671.25MHz)

PARENTAL GUIDANCE

Parental Level	:	R18
Blocking Options	:	No Block

INTERACTIVE SERVICES

The MultiChoice 910 decoder is capable of receiving Interactive services. For a list of the MultiChoice Interactive services that the 910 decoder is currently capable of receiving, please go to www.dstv.com

GENERAL TROUBLESHOOTING

SYMPTOM	SOLUTION
Does not display any message on the front panel or decoder has no power.	<ul style="list-style-type: none"> - Check the main power cable and check that it is plugged into a power socket. - Check that you have switched the mains power switch on.
No Picture	<ul style="list-style-type: none"> - Ensure that the decoder is switched on (see above). - Check that RF or RCA are connected correctly to the TV or VCR. - Check that the correct channel on the TV has been selected and the correct Video output is selected on the decoder.
Poor Picture Quality	<ul style="list-style-type: none"> - See No Picture above. - Check the signal level, if it is low you may need to realign the satellite dish.
No Sound	<ul style="list-style-type: none"> - See No Picture above. - Check that the volume level of the TV and decoder are correct. - Check that the decoder and TV are not in Mute mode.
Remote Control does not work	<ul style="list-style-type: none"> - Point the remote directly at the decoder Front Panel Display. - Check the batteries of the remote and replace if required.

ON-SCREEN ERROR MESSAGES	
No Signal/Searching for Signal	<ul style="list-style-type: none"> - Check the cable from the LNB. - Check the position of the LNB - realign if necessary.
E16 Service is currently scrambled	<ul style="list-style-type: none"> - Access to the service is on hold. Call the MultiChoice Contact Centre.
E19 Service is currently scrambled	<ul style="list-style-type: none"> - Pre-entitlement period has expired. Call the MultiChoice Contact Centre.
E30 Service is currently scrambled	<ul style="list-style-type: none"> - Access to service denied. Call MultiChoice Contact Centre.
E31 Service is currently scrambled	<ul style="list-style-type: none"> - Access to service denied. Call the MultiChoice Contact Centre.
E32 Service is currently scrambled	<ul style="list-style-type: none"> - Smartcard not activated. Call the MultiChoice Contact Centre.
E35 Service is currently scrambled	<ul style="list-style-type: none"> - Access to service denied. Call the MultiChoice Contact Centre.
E05 Unknown card	<ul style="list-style-type: none"> - Call the MultiChoice Contact Centre.

GLOSSARY OF TERMS

Aspect Ratio	The ratio of the width of the display screen to height. For most TV sets, his ratio is 4:3. For HDTV, the ratio is 16:9. The aspect ratio, along with the number of vertical scan lines that make up the image, determines what sample rate should be used to digitise the video signal.
DSD	Digital Satellite Decoder. A device, which converts an electronically scrambled television picture into a viewable signal.
AV	Audio Video connection making use of RCA connectors.
RCA	A common type of coaxial connector.
LED	Light Emitting Diode.
LNB	Low Noise Block Down converter (LNB). A combination Low Noise Amplifier and down converter built into one device attached to the dish.
OSD	On-screen Display.
PIN	Personal Identification Number.
RCU	Remote Control Unit.
RF	Radio Frequency.
UHF	Ultra High Frequency.
Stereo	Audio provided from two sources, giving much more life-like hearing experience.
VCR	Video Cassette Recorder.

SPECIFICATIONS

MEMORY

SDRAM	8 MByte
FLASH	4 MByte
Non-Volatile Memory	16 KByte

FRONT END

DVB Standard	DVB-S
Demodulation Type	QPSK
LNB Switching	22kHz DiseqC V1.1
Frequency Band	950 to 2150 MHz
Symbol Rate	15 to 45 Msps

REMODULATOR

RF Output	Channel 21 to 69
Video Format	PAL I or PAL B/G
RF Bypass Bandwidth	47 MHz to 862 MHz

AUDIO

DVB Standard	MPEG-1 Layer1, Layer2, Musicam
Sample Frequency	32 kHz, 44.1 kHz or 48 kHz (controlled by MPEG Bitstream)

VIDEO

DVB Standard	MPEG-2 MP@ML
Video RAM	16 MBits

GENERAL

Front Panel Buttons	6 buttons
Mains Voltage	88 - 288 V AC 50-60 Hz
Dimensions	265x57x171 mm (WxHxD)
Weight	~2.0 Kg (unpacked)
RCU	32 button, infra-red, battery operated.
Temperature	5 degrees C to 45 degrees C
Relative Humidity	5% to 90%<40 degrees C wet bulb temperature
Altitude	0 to 2000 m

HOTLINES

MANUFACTURER S WEBSITE: www.uec.co.za

MultiChoice Africa (South Africa) Contact Centres:

JOHANNESBURG	(011) 289 2222
DURBAN	(031) 710 2222
CAPE TOWN	(021) 508 2222
BLOEMFONTEIN	(051) 503 2222
PORT ELIZABETH	(041) 395 2222
PRETORIA	(012) 422 2222

MultiChoice Africa (Sub Sahara) Contact Centre:

JOHANNESBURG: + 27 (0) 11 289 2266

Website Details

DStv	www.dstv.com
MultiChoice	www.multichoice.co.za

Website Enquiries

webmaster@multichoice.co.za

MultiChoice Africa (South Africa) Enquiries

enquiries@multichoice.co.za

MultiChoice Africa (Sub Sahara) Enquiries

africacallcentre@multichoice.co.za

MULTICHOICE DECODER RELATED SUGGESTIONS

Please mark clearly as F/A Decoder Engineering and forward any suggestions or enquiries to:

e-mail: enquiries@multichoice.co.za or fax: +27 (0)11 289 3888