



DSTV DECODER SETUP MANUAL


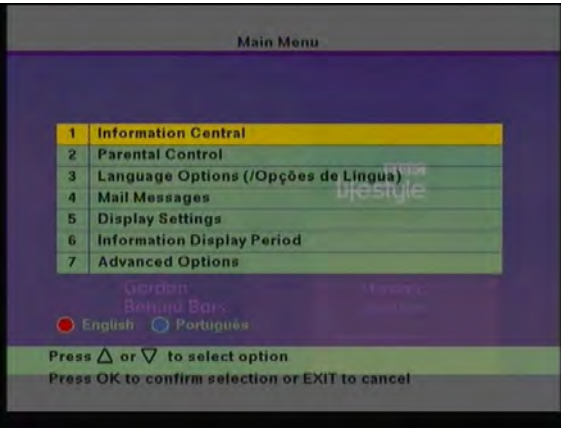
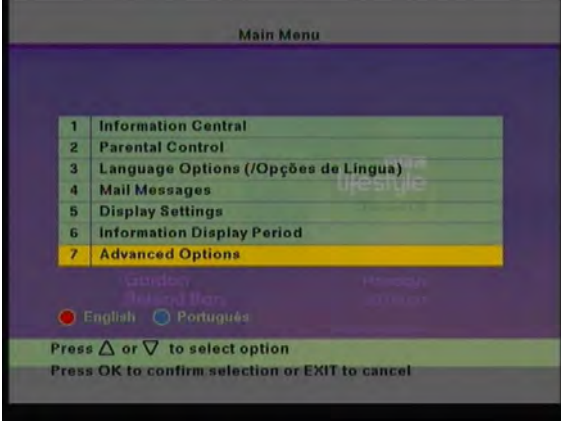
July 2013



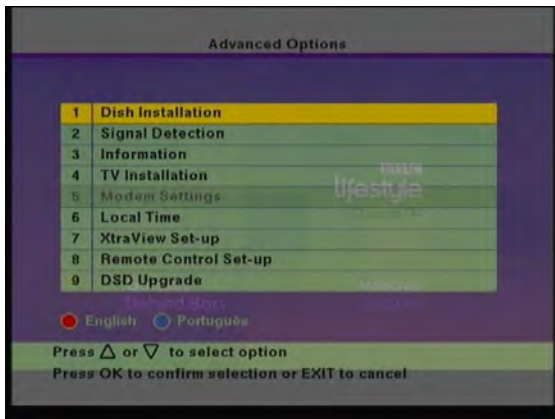
www.jemic.co.za

DSTV SINGLE VIEW AND SD PVR DECODER SETUP

How to program your Single View and SD PVR DSTV Decoders

<p>STEP 1</p> 	<p>Ensure that the DSTV decoder is connected correctly to the outlet socket, as well as to the Television set.</p> <p>Once the connecting of decoder and television has been completed switch on decoder. The decoder will go through setup procedures.</p> <p>Once the decoder has completed scanning, you should receive a picture and audio on Decoder Channel 100 (See example on the left).</p>
<p>STEP 2</p> 	<p>Push the MENU button on the DSTV Remote Control.</p> <p>The “Main Menu” screen will appear on the Television Screen. (See example on the left)</p>
<p>STEP 3</p> 	<p>Use the Arrow Keys on the DSTV Remote Control to scroll down to the “Advances Options” tab on the Menu.</p> <p>Push the OK button on the DSTV Remote Control</p>

STEP 4

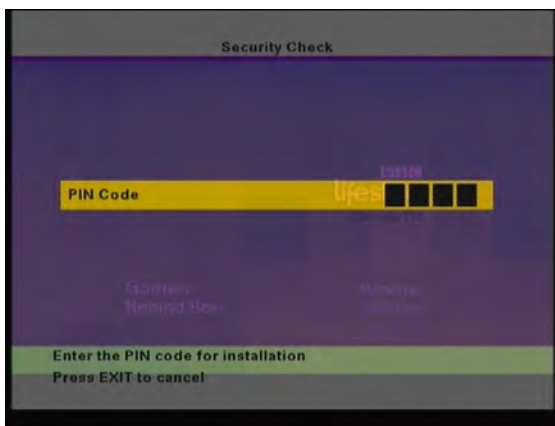


The “**Advanced Options**” Menu will now be displayed (See example on the left).

Ensure that the “**Dish Installation**” tab is highlighted in yellow.

Push the **OK** button on the DSTV Remote Control.

STEP 5



The “**Security Check**” Menu will now be displayed. (See example on the left).

Enter the Pin Code using the numeric (0 to 9) buttons on the DSTV Remote Control.

PIN Code: 9949

STEP 6



The “**Dish Installation**” Menu will now be displayed. (See example on the left).

The “**Home Network**” tab will be highlighted in yellow.

Ensure that the option in the tab is set to **DStv IS7**. (If not, use the left and right arrow keys on the DSTV Remote Control to change to the correct option).

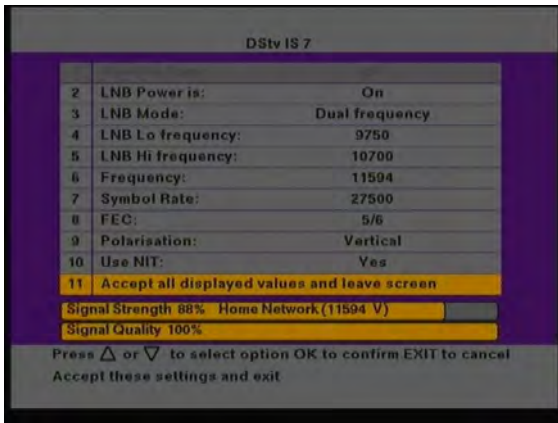
Push the **OK** button on the DSTV Remote Control.

To Change any of the parameters in the various Network Setups, The following procedures should be followed:

- Use the Up/Down arrow keys on the DSTV Remote Control to move the yellow bar to the parameter to be changed.
- Push the **OK** button - ½ of the yellow bar will turn white allowing the parameter to be edited.
- Use Left/Right arrow keys to delete or modify parameters. Use the numeric keys (0 to 9) to enter values.
- Once parameters have been changed, push the **OK** button - The bar will change back to yellow.

Repeat these steps until all parameters have been changed to the correct values.

STEP 7



The “Home Network” Menu will now be displayed. (See example on the left).

Check all parameters. Ensure that the parameters displayed are identical to the parameters shown in the example on the left.

Once parameters have been checked move the yellow bar down to the “Accept all displayed values and leave screen” tab.

Push the **OK** Button on the DSTV Remote Control.

Parameters for the **Home Network** are now saved. The Decoder will return to the “Dish Installation” Menu.

STEP 8

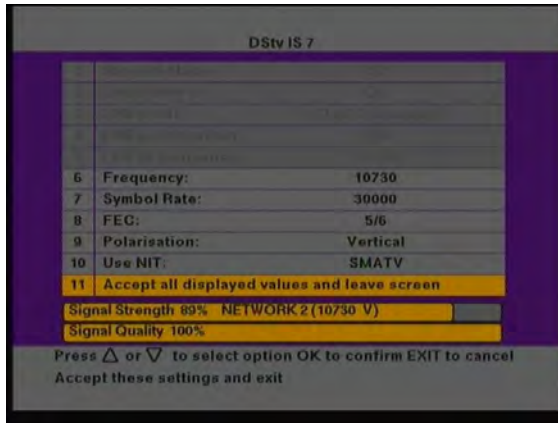


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 2** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to “DStv IS7”.

Push the **OK** Button on the DSTV Remote Control.

STEP 9



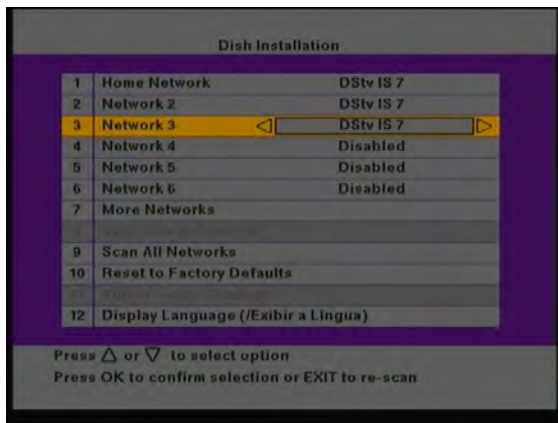
Change all parameters for **Network 2** as shown on the left.

Frequency	10730
Symbol Rate	30000
FEC	5/6
Polarisation	Vertical
Use NIT	SMATV

Once all the correct parameters have been entered move the yellow bar to the “Accept all displayed values and leave screen” tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 2** are now saved. The Decoder will return to the “Dish Installation” Menu.

STEP 10

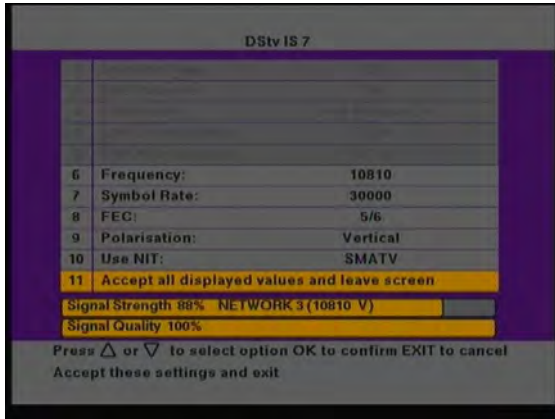


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 3** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to “DStv IS7”.

Push the **OK** Button on the DSTV Remote Control.

STEP 11



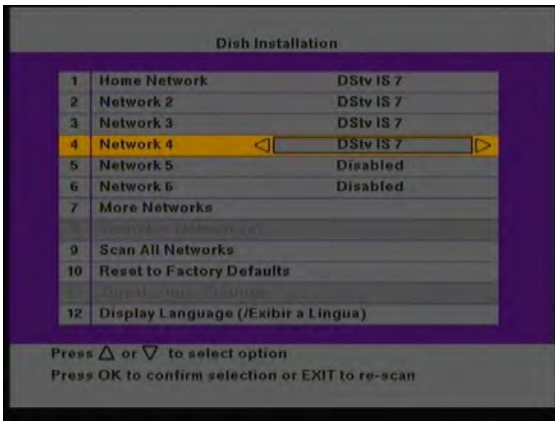
Change all parameters for **Network 3** as shown on the left.

Frequency	10810
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Use NIT	SMATV

Once all the correct parameters have been entered move the yellow bar to the **“Accept all displayed values and leave screen”** tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 3** are now saved. The Decoder will return to the **“Dish Installation”** Menu.

STEP 12

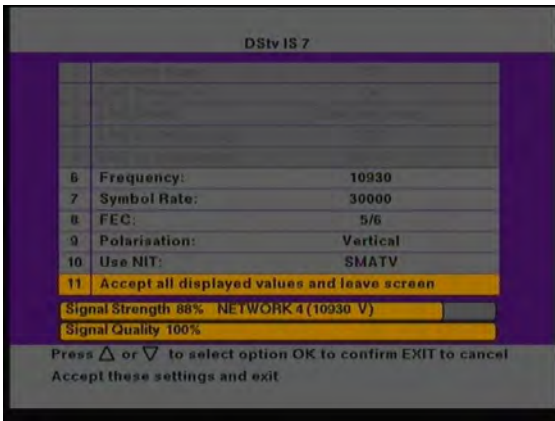


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 4** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to **“DStv IS7”**.

Push the **OK** Button on the DSTV Remote Control.

STEP 13



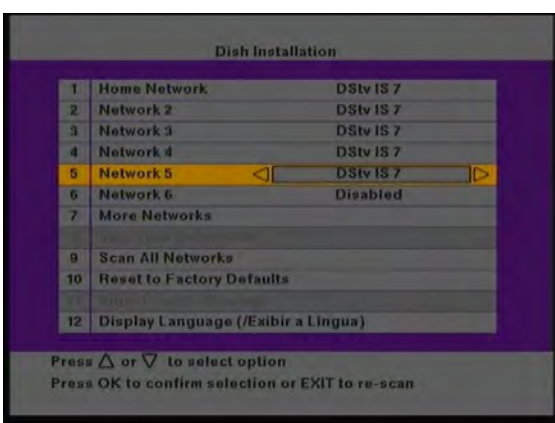
Change all parameters for **Network 4** as shown on the left.

Frequency	10930
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Use NIT	SMATV

Once all the correct parameters have been entered move the yellow bar to the **“Accept all displayed values and leave screen”** tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 4** are now saved. The Decoder will return to the **“Dish Installation”** Menu

STEP 14

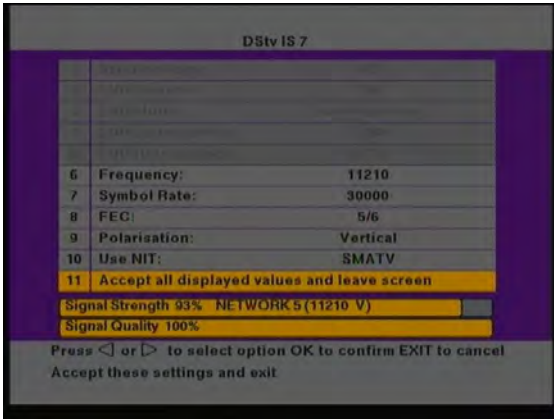


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 5** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to **“DStv IS7”**.

Push the **OK** Button on the DSTV Remote Control.

STEP 15



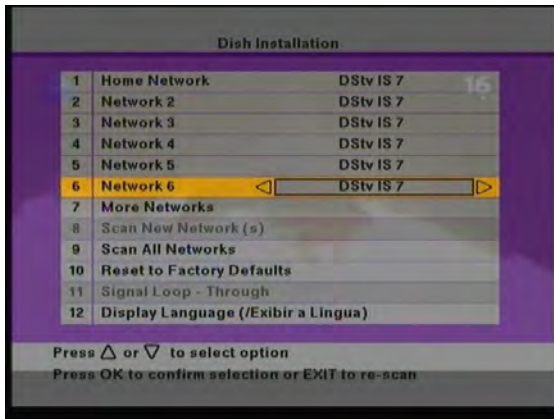
Change all parameters for **Network 5** as shown on the left.

Frequency 11210
 Symbol Rate 30000
 FEC 5/6
 Polarization Vertical
 Use NIT SMATV

Once all the correct parameters have been entered move the yellow bar to the **“Accept all displayed values and leave screen”** tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 5** are now saved. The Decoder will return to the **“Dish Installation”** Menu

STEP 16

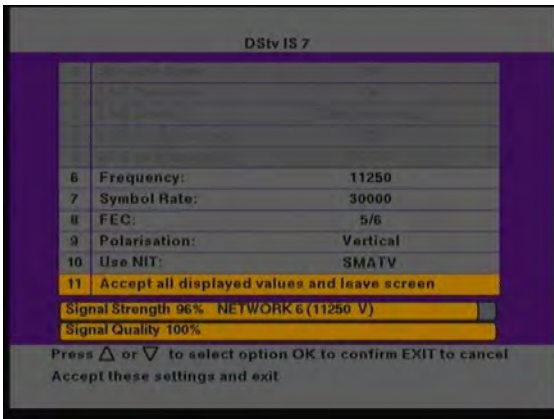


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 6** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to **“DStv IS7”**.

Push the **OK** Button on the DSTV Remote Control

STEP 17



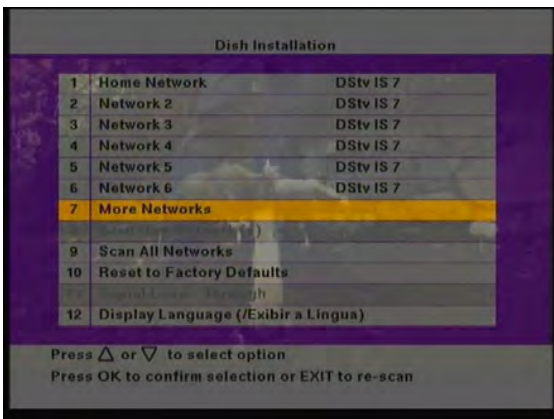
Change all parameters for **Network 6** as shown on the left.

Frequency 11250
 Symbol Rate 30000
 FEC 5/6
 Polarization Vertical
 Use NIT SMATV

Once all the correct parameters have been entered move the yellow bar to the **“Accept all displayed values and leave screen”** tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 6** are now saved. The Decoder will return to the **“Dish Installation”** Menu

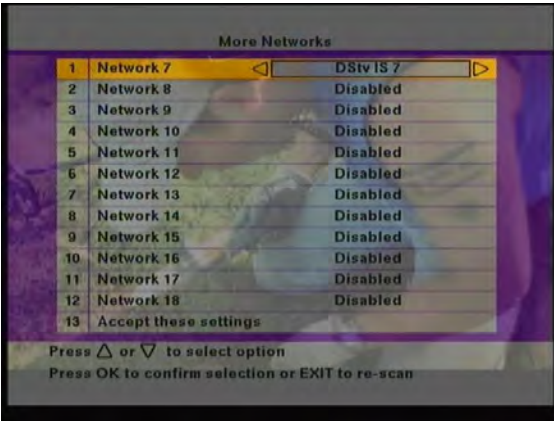
STEP 18



Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **More Networks** (See example on the left).

Push the **OK** Button on the DSTV Remote Control

STEP 19

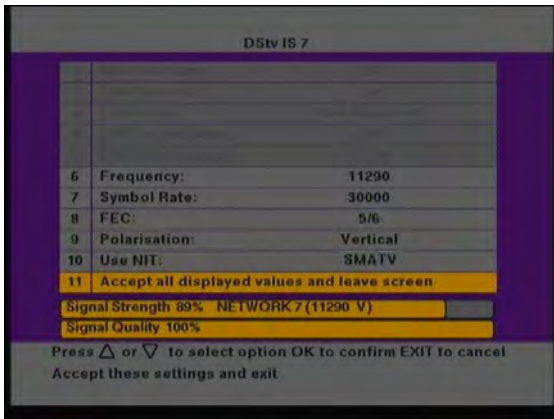


Ensure that **Network 7** is highlighted by the yellow bar (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to "**DStv IS7**".

Push the **OK** Button on the DSTV Remote Control

STEP 20



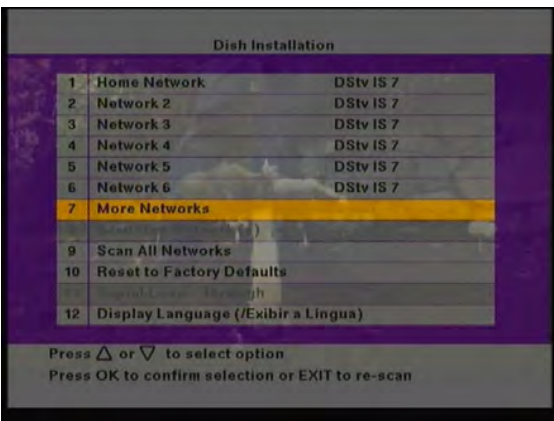
Change all parameters for **Network 7** as shown on the left.

Frequency 11290
 Symbol Rate 30000
 FEC 5/6
 Polarization Vertical
 Use NIT SMATV

Once all the correct parameters have been entered move the yellow bar to the "**Accept all displayed values and leave screen**" tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 7** are now saved. The Decoder will return to the "**Dish Installation**" Menu

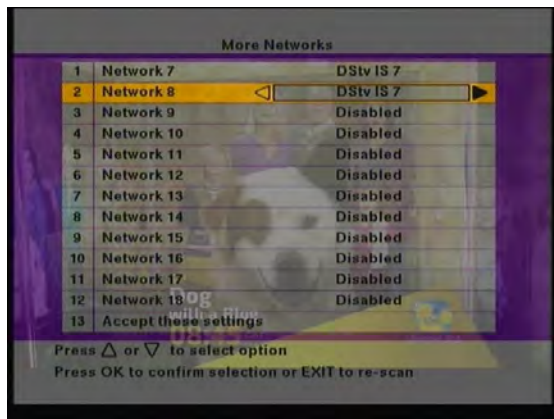
STEP 21



Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **More Networks** (See example on the left).

Push the **OK** Button on the DSTV Remote Control

STEP 22

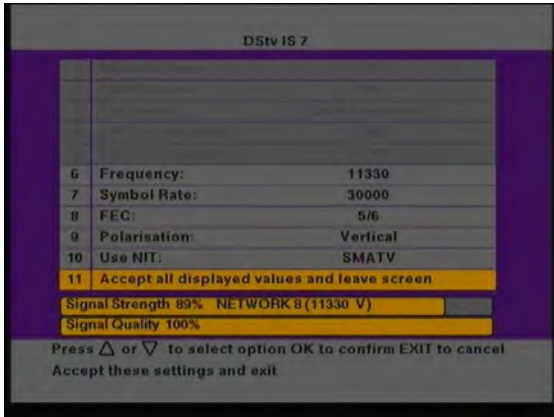


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 8** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to "**DStv IS7**".

Push the **OK** Button on the DSTV Remote Control

STEP 23



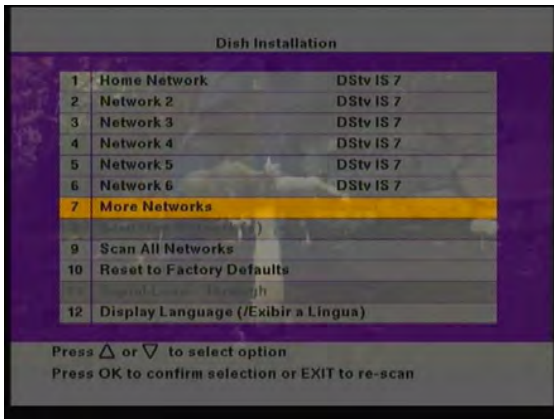
Change all parameters for **Network 8** as shown on the left.

Frequency 11330
 Symbol Rate 30000
 FEC 5/6
 Polarization Vertical
 Use NIT SMATV

Once all the correct parameters have been entered move the yellow bar to the **“Accept all displayed values and leave screen”** tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 8** are now saved. The Decoder will return to the **“Dish Installation”** Menu

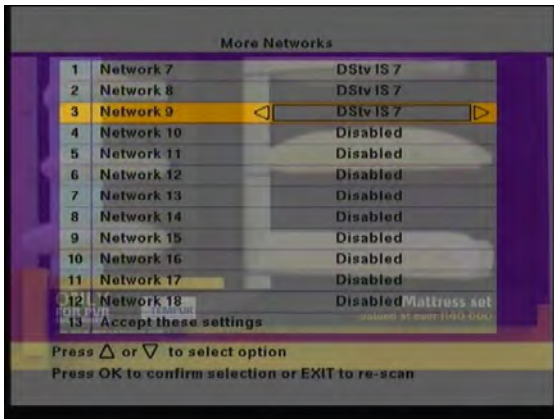
STEP 24



Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **More Networks** (See example on the left).

Push the **OK** Button on the DSTV Remote Control

STEP 25

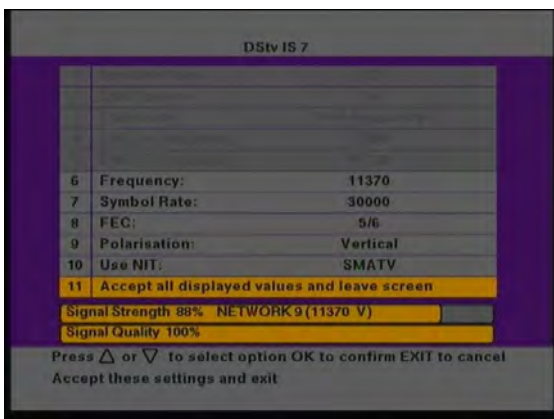


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 9** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to **“DStv IS7”**.

Push the **OK** Button on the DSTV Remote Control

STEP 26



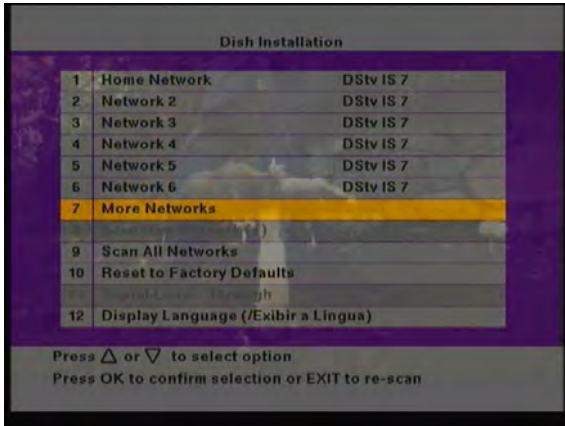
Change all parameters for **Network 9** as shown on the left.

Frequency 11370
 Symbol Rate 30000
 FEC 5/6
 Polarization Vertical
 Use NIT SMATV

Once all the correct parameters have been entered move the yellow bar to the **“Accept all displayed values and leave screen”** tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 9** are now saved. The Decoder will return to the **“Dish Installation”** Menu

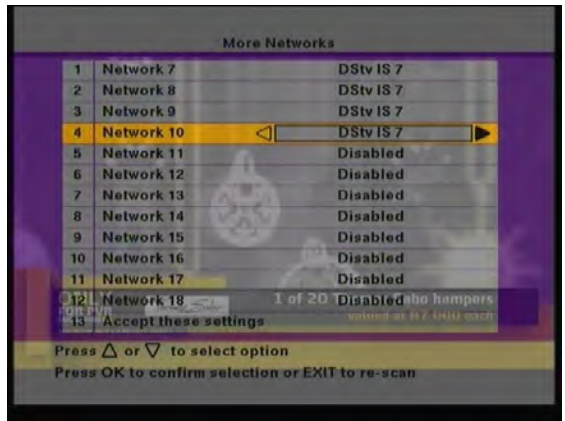
STEP 27



Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **More Networks** (See example on the left).

Push the **OK** Button on the DSTV Remote Control

STEP 28

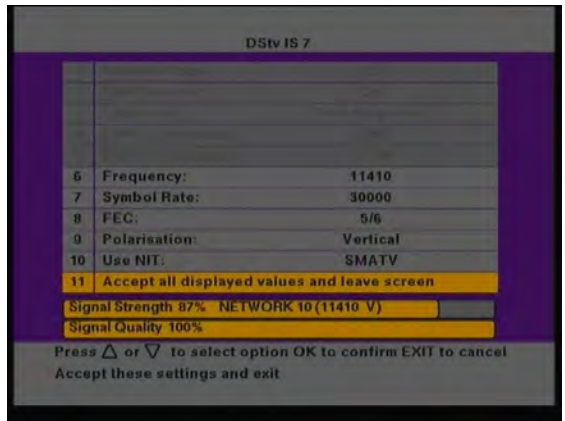


Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Network 10** (See example on the left).

Use the **Right Arrow** Button on the DSTV Remote Control to change the network to "**DStv IS7**".

Push the **OK** Button on the DSTV Remote Control

STEP 29



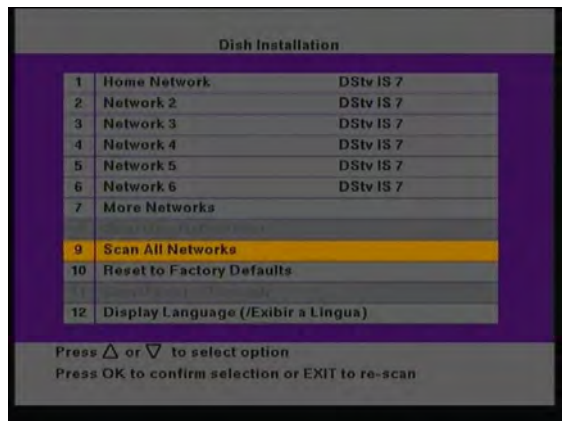
Change all parameters for **Network 10** as shown on the left.

Frequency	11410
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Use NIT	SMATV

Once all the correct parameters have been entered move the yellow bar to the "**Accept all displayed values and leave screen**" tab and push the **OK** Button on the DSTV Remote Control.

Parameters for the **Network 10** are now saved. The Decoder will return to the "**Dish Installation**" Menu

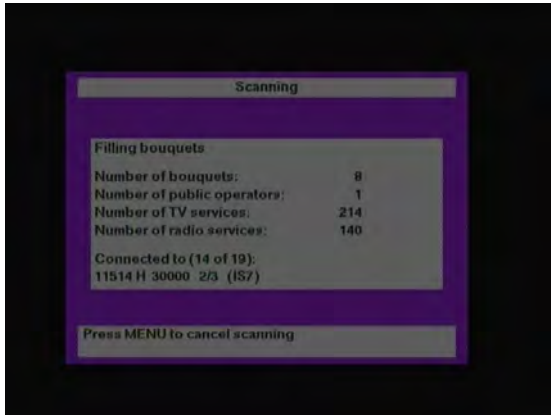
STEP 30



Use the **Down Arrow** Button on the DSTV Remote Control to move the yellow bar to **Scan All Networks** (See example on the left).

Push the **OK** Button on the DSTV Remote Control.

STEP 31



The DSTV Decoder will proceed to scan all networks (See example on the left)

Once the scan process is complete and all information has been saved, the DSTV Decoder will return to normal operation automatically.

STEP 32



The DSTV Decoder should now function normally and have access to all DSTV Television and Audio services.

DSTV 4P HD PVR and 2P HD PVR DECODER SETUP

How to Connect your DSTV HD PVR Decoder (4 Input):

Equipment Required*

- 1 x 4 Way IF-Splitter (5-2150MHz)
- 5 x Cable or Flylead (F to F)

*Available at your local TV parts/service shop or contact Tect for a quotation.

Please complete for the following steps:

1. Connect and F-Connector flylead to the satellite output on the wall outlet plate.
2. The other side of the flylead gets connected to the input of the 4 way IF-Splitter.
3. The 4 Outputs of the 4 Way Splitter gets connected to the 4 LNB Inputs on the back of the HD Decoder.
4. Connect the yellow, white and red AV leads to the corresponding colours on the back of the HD Decoder and into the corresponding coloured inputs on the TV (AV1), or preferably with the HDMI cable supplied with the HD Decoder.
5. To watch TV select the AV1 or the HDMI input selection on the TV remote control.

How to Connect your DSTV 2P HD PVR Decoder (2 Input):

Equipment Required*

- 1 x 2 Way IF-Splitter (5-2150MHz)
- 3 x Cable or Flylead (F to F)

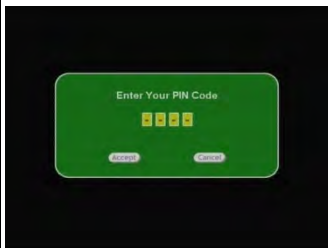


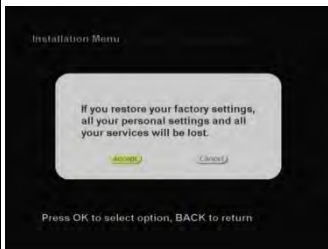

*Available at your local TV parts/service shop or contact Tect for a quotation.

Please complete for the following steps:

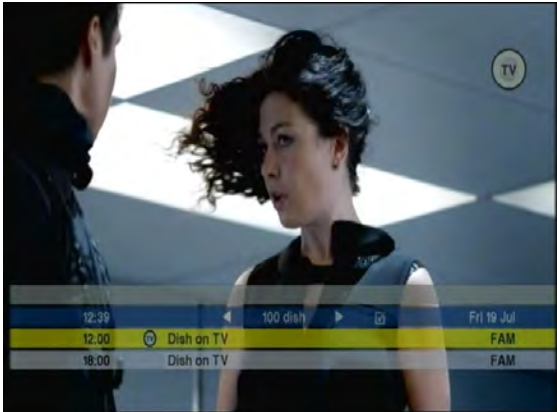
1. Connect and F-Connector flylead to the satellite output on the wall outlet plate.
2. The other side of the flylead gets connected to the input of the 2 way IF-Splitter.
3. The 2 Outputs of the 2 Way Splitter gets connected to the 2 LNB Inputs on the back of the 2P HD Decoder.
4. Connect the yellow, white and red AV leads to the corresponding colours on the back of the 2P HD Decoder and into the corresponding coloured inputs on the TV (AV1), or preferably with the HDMI cable supplied with the HD Decoder.
5. To watch TV select the AV1 or the HDMI input selection on the TV remote control.

Before entering the various network setups into the HD PVR it is very important to do a factory reset of the decoder via the Engineering Screen (Green Screen Reboot):

This reset is required to ensure your decoder functions correctly. As the factory reset will affect personal settings such as aspect ratio, RF output and Extra View Setup. It is important to make a note of these settings in your decoder before doing the factory reset so that the personal settings can be restored once the factory reset has been completed.

	PACE (Black) 4P HD PVR	UEC (Silver) 4P HD PVR	2P HD PVR
<p>Follow these steps on the Decoder front panel and not by using the remote control.</p>	<p>Push and hold the "GUIDE" button for at least 10 seconds. Push the "EXIT" button followed by the "OK" button in quick succession.</p>	<p>Push and hold the "GUIDE" button for at least 10 seconds. Push the "SHIFT", "GUIDE" and the "OK" buttons in quick succession.</p>	<p>Push and hold the "TV/AUDIO" button for at least 10 seconds. Push the "UHF" and "PLAY/PAUSE" buttons in quick succession.</p>
	<p>The Engineering Screen login will appear (See example on the left) Enter the PIN CODE 1649 by using the decoder remote control. Click on the "ACCEPT" TAB</p>	<p>The Engineering Screen login will appear (See example on the left) Enter the PIN CODE 1649 by using the decoder remote control. Click on the "ACCEPT" TAB</p>	<p>The Engineering Screen login will appear (See example on the left) Enter the PIN CODE 1649 by using the decoder remote control. Click on the "ACCEPT" TAB</p>
	<p>The Engineering Screen Installations Menu will appear (See example on the left) Select the "Factory Settings" option by using the decoder remote control.</p>	<p>The Engineering Screen Installations Menu will appear (See example on the left) Select the "Factory Settings" option by using the decoder remote control.</p>	<p>The Engineering Screen Installations Menu will appear (See example on the left) Select the "Factory Settings" option by using the decoder remote control.</p>
	<p>Use the decoder remote control to select the "Restore Factory Settings" option in the following menu (See example on the left) Push "OK" on the remote</p>	<p>Use the decoder remote control to select the "Restore Factory Settings" option in the following menu (See example on the left) Push "OK" on the remote</p>	<p>Use the decoder remote control to select the "Restore Factory Settings" option in the following menu (See example on the left) Push "OK" on the remote</p>
	<p>Use the decoder remote control to select the "Accept" tap (See example on the left) Push "OK" on the remote</p>	<p>Use the decoder remote control to select the "Accept" tap (See example on the left) Push "OK" on the remote</p>	<p>Use the decoder remote control to select the "Accept" tap (See example on the left) Push "OK" on the remote</p>
	<p>The HD PVR Decoder will now restore factory defaults. Once completed wait until the decoder has rebooted before starting decoder setup.</p>	<p>The HD PVR Decoder will now restore factory defaults. Once completed wait until the decoder has rebooted before starting decoder setup.</p>	<p>The HD PVR Decoder will now restore factory defaults. Once completed wait until the decoder has rebooted before starting decoder setup.</p>

STEP 1

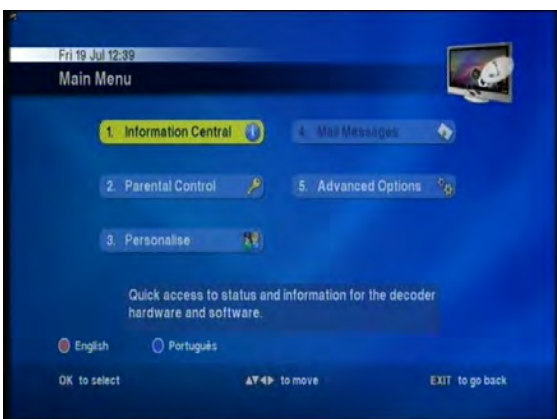


Ensure that the HD-PVR decoder is connected correctly to the outlet socket in the apartment, as well as to the Television set.

Once the connecting of decoder as television has been completed switch on decoder. The decoder will go through setup procedures.

Once the decoder has completed scanning, you should receive a picture and audio on Decoder Channel 100 (See example on the left).

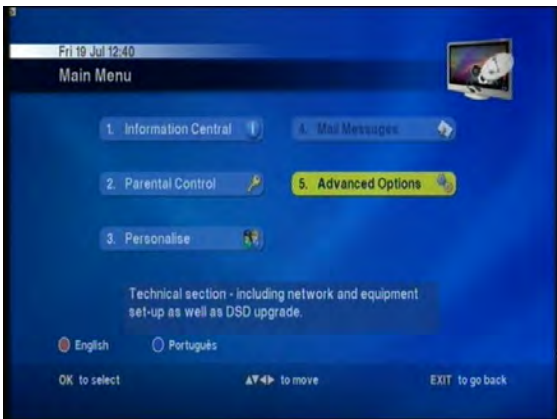
STEP 2



Push the **MENU** button on the HD-PVR Remote Control.

The **“Decoder Menu”** screen will appear on the Television Screen. (See example on the left)

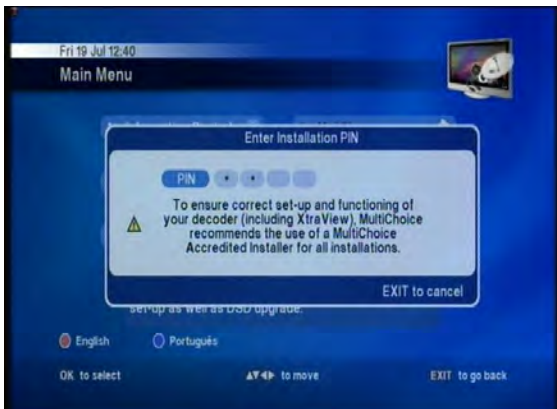
STEP 3



Use the **Arrow Keys** on the HD-PVR Remote Control to scroll to the **“Advances Options”** tab on the Menu.

Push the **OK** button on the HD-PVR Remote Control

STEP 4

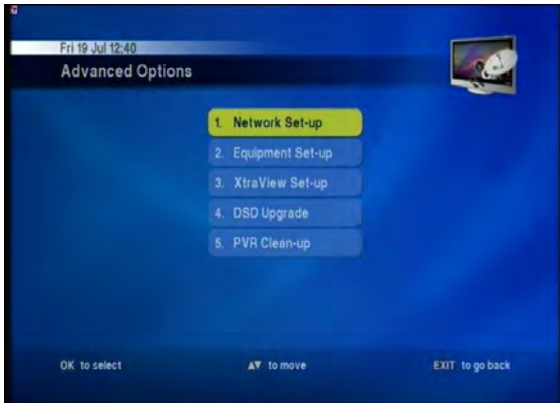


The **“Enter Installation PIN”** Menu will now be displayed (See example on the left).

Enter the Pin Code using the numeric (0 to 9) buttons on the DSTV Remote Control.

PIN Code: 9949

STEP 5

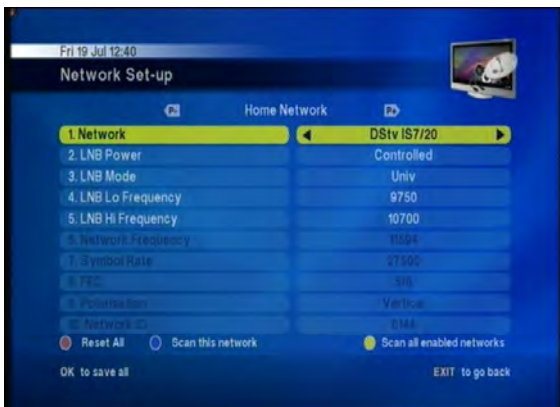


The “**Advanced Options**” Menu will now be displayed. (See example on the left).

Ensure that the “**Network Set-up**” tab is highlighted in yellow.

Push the **OK** button on the HD-PVR Remote Control

STEP 6



The “**Home Network**” Menu will now be displayed. (See example on the left).

Check all parameters. Ensure that the parameters displayed are identical to the parameters shown in the example on the left.

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 1**” menu.

STEP 7



The “**Additional Network 1**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 1

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	10730
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 2**” menu.

STEP 8



The “**Additional Network 2**” Menu will now be displayed. (See example on the left).

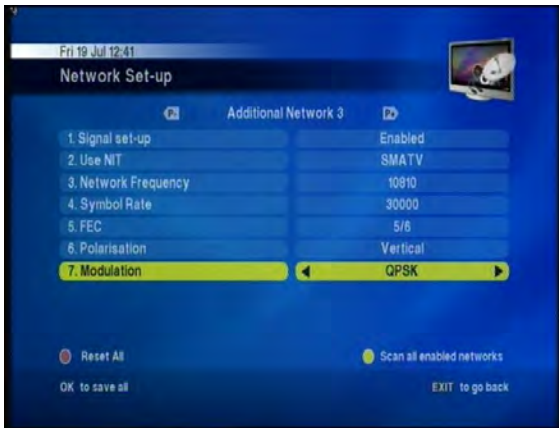
Use the **Right Arrow** Button to “**Enable**” Additional Network 2

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	10770
Symbol Rate	30000
FEC	2/3
Polarization	Vertical
Modulation	8PSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 3**” menu.

STEP 9



The “**Additional Network 3**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 3

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	10810
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 4**” menu.

STEP 10



The “**Additional Network 4**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 4

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	10850
Symbol Rate	30000
FEC	2/3
Polarization	Vertical
Modulation	8PSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 5**” menu.

STEP 11



The “**Additional Network 5**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 5

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	10890
Symbol Rate	30000
FEC	2/3
Polarization	Vertical
Modulation	8PSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 6**” menu.

STEP 12



The “**Additional Network 6**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 6

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	10930
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 7**” menu.

STEP 13



The “**Additional Network 7**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 7

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	11210
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 8**” menu.

STEP 14



The “**Additional Network 8**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 8

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	11250
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 9**” menu.

STEP 15



The “**Additional Network 9**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 9

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	11290
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 10**” menu.

STEP 16



The “**Additional Network 10**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 10

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	11330
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 11**” menu.

STEP 17



The “**Additional Network 11**” Menu will now be displayed. (See example on the left).

Use the **Right Arrow** Button to “**Enable**” Additional Network 11

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	11370
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **P+** Button on the HD-PVR Remote Control to move to “**Additional Network 12**” menu.

STEP 18



The “**Additional Network 12**” Menu will now be displayed. (See example on the left).

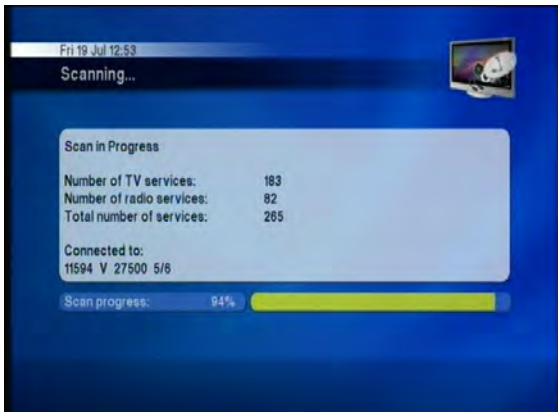
Use the **Right Arrow** Button to “**Enable**” Additional Network 11

Use the Arrow Buttons on the HD-PVR Remote Control to change parameters as shown in example on the left.

Signal Set-up	Enabled
Use NIT	SMATV
Network Frequency	11410
Symbol Rate	30000
FEC	5/6
Polarization	Vertical
Modulation	QPSK

Push the **(Yellow)** Button on the HD-PVR Remote Control to **Scan all enabled networks**

STEP 19



The HD-PVR will now automatically scan all enabled networks. (See example on the left)

Once the scan process is complete and all information has been saved, the HD-PVR Decoder will return to normal operation automatically.

The HD-PVR Decoder should now function normally and have access to all DSTV Television and Audio services.

STEP 19



The HD-PVR Decoder should now function normally and have access to all DSTV Television and Audio services.