

AFN Decoder Reconfiguration/Re-Tuning Decoder PowerVu D9835 for Pacific DTH



AFN HELP DESK

DSN: 312-348-1339

Civilian: 001-951-413-2339

[E-mail: sathelpdma@mail.mil](mailto:sathelpdma@mail.mil)

Assistance Available 24/7

Read all instructions before proceeding.

We suggest you print this document and use it with the video we posted on how to safely realign your satellite dish. You should also look at the document that shows the minimum dish size and recommended dish size for your area. Generally speaking, a larger dish will reduce signal interruptions from rain.

IMPORTANT: In addition to these decoder modifications, you must complete the dish alignment before you can receive AFN on Koreasat 5.

Considerations:

1. Your decoder model must match this document: Verify these are the correct instructions for your decoder.
2. DO NOT modify any parameters in your decoder other than those explicitly instructed in this document. Other parameters displayed in these screenshots may be different than yours as satellite systems vary from customer to customer.

Please note: The screenshots in this document reflect successful acquisition only if you've already aligned your dish to Koreasat 5. If you have not done that yet, do not worry! Though your decoder will NOT show signal lock, and will FAIL acquisition, proceed with the settings and save as described below.

If you still cannot get the signal after making the required decoder and satellite dish changes, call the AFN Help Desk.

Items needed:

Remote control for your decoder

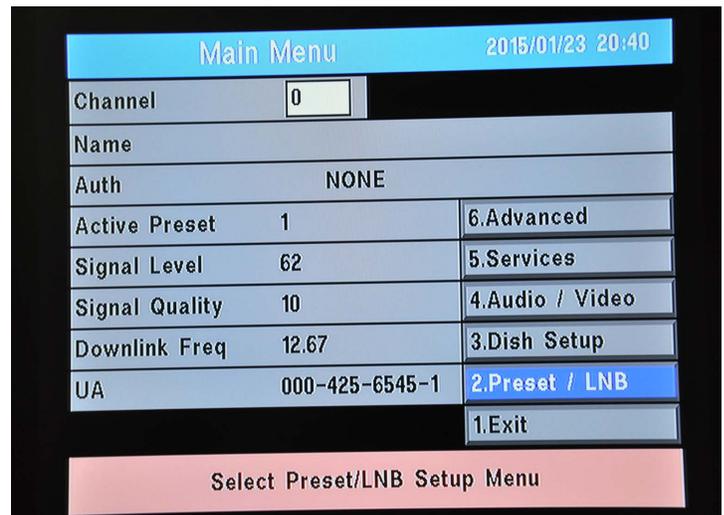
Remote Control - device used to control and make changes to the decoder



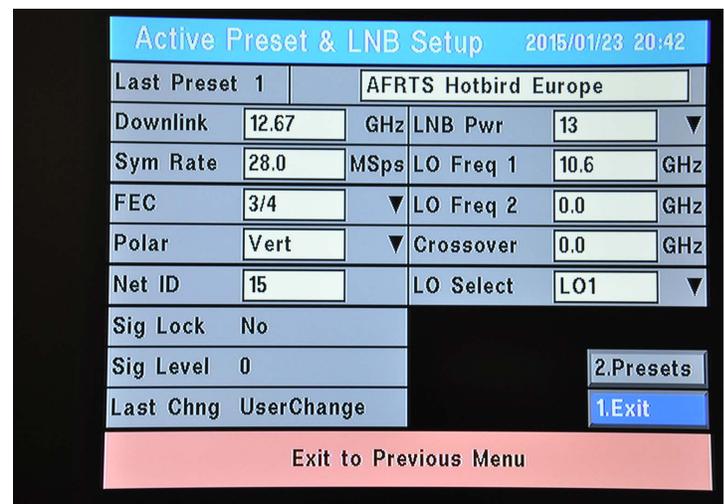
Re-Tuning your AFN Decoder

1.1 While decoder is turned on, press the MENU button on the remote

1.2 On the Main Menu, arrow up to **Preset / LNB** and press OK on the remote control



1.3 Once on the Preset & LNB Setup screen, write down the current settings. This will help in the unlikely event that the reconfiguration does not work.



1. 4 Disregard Preset & AFRTS Hotbird Europe windows.

1.5 Arrow to **Downlink** and press OK on the remote control, using the number pad on the remote control, type in **12670000** Press OK on the remote control.

1.5.1 The decimal point will be added automatically

1.5.2 The system will automatically drop the zeroes at the end.

1.6 Arrow to **Polar**, and select **Vert** from the dropdown menu. Press OK on the remote control.

1.7 Arrow to **LNB Pwr**, selecting **13** from the dropdown menu. Press OK on the remote

Active Preset & LNB Setup				2015/01/23 20:43	
Last Preset	1	AFRTS Hotbird Europe			
Downlink	12.670000	GHz	LNB Pwr	13	▼
Sym Rate	28.0	MSps	LO Freq 1	10.6	GHz
FEC	3/4	▼	LO Freq 2	0.0	GHz
Polar	Vert	▼	Crossover	0.0	GHz
Net ID	15		LO Select	LO1	▼
Sig Lock	Yes				
Sig Level	62				2.Presets
Last Chng	UserChange				1.Exit
Edit: ◀▶▲▼ or Number Keys, Exit: MENU, Save: SELECT					

1.8 Arrow down to Net ID and press OK on the remote control, using the number pad on the remote control, type in 00015 Press OK on the remote control

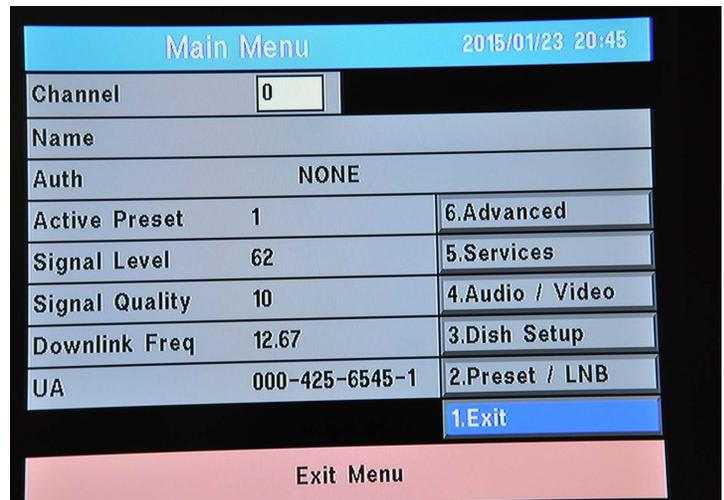
1.8.1 System will automatically change it to 15

Active Preset & LNB Setup				2015/01/23 20:43	
Last Preset	1	AFRTS Hotbird Europe			
Downlink	12.67	GHz	LNB Pwr	13	▼
Sym Rate	28.0	MSps	LO Freq 1	10.6	GHz
FEC	3/4	▼	LO Freq 2	0.0	GHz
Polar	Vert	▼	Crossover	0.0	GHz
Net ID	00015		LO Select	LO1	▼
Sig Lock	Yes				
Sig Level	62				2.Presets
Last Chng	UserChange				1.Exit
Edit: ◀▶▲▼ or Number Keys, Exit: MENU, Save: SELECT					

1.9 Once you have changed the Downlink to 12670000, and the Net ID to 15, then arrow down to the **Exit** button and press OK.

Active Preset & LNB Setup				2015/01/23 20:44	
Last Preset	1	AFRTS Hotbird Europe			
Downlink	12.67	GHz	LNB Pwr	13	▼
Sym Rate	28.0	MSps	LO Freq 1	10.6	GHz
FEC	3/4	▼	LO Freq 2	0.0	GHz
Polar	Vert	▼	Crossover	0.0	GHz
Net ID	15		LO Select	LO1	▼
Sig Lock	Yes				
Sig Level	62				2.Presets
Last Chng	UserChange				1.Exit
Exit to Previous Menu					

1.10 On the Main Menu, arrow down to **Exit** then press OK on the remote control.



Congratulations! You have successfully completed the decoder reconfiguration / re-tuning.

