

Guide to setting up an Emtech (Homecast) EM150IR for Optus Aurora

The following applies to a factory default EM150IR

- 1] Switch on the decoder and connect to TV using AV cables.
- 2] Press [OK] to select English.
- 3] Press]MENU]
- 4] Highlight [DISH SETUP] and press [OK]
- 5] Highlight [SATELLITE COLLECTION] and press [OK]
- 6] Remove any red ticks from the satellite list by scrolling down and pressing [OK] on the ticked satellite.
- 7] Find Optus C1 in the satellite list and press [OK] to tick this satellite
- 8] The highlighted satellite will now be the one below Optus C1 so move up one to highlight Optus C1
- 9] Press the right arrow and move into the transponder list.
- 10] Press the **i** button on the remote control, select [DELETE] and press [OK]
- 11] Continue to do this until there is only one entry left in the transponder list
- 12] You cannot delete the last entry, so we will edit this entry and change it
- 13] Press **i** and move to [EDIT], now press [OK]
- 14] Press the left arrow until frequency reads 0
- 15] Now type in 12407
- 16] Move down to polarity and make sure this reads V
- 17] Move down to symbol rate and change to 30000
- 18] Move down to code rate and change to 2/3 by using the left or right arrow key
- 19] Now press [OK] to enter this setting into the transponder list
- 20] Now we will add a new transponder frequency by pressing the **i** button and selecting [ADD]
- 21] Enter the following frequencies and remember to press [OK] to add each one.
- 22] Frequency ~ 12728, Polarity ~ V, Symbol Rate ~ 24450, Code Rate ~ 1/2
- 23] Frequency ~ 12527, Polarity ~ V, Symbol Rate ~ 30000, Code Rate ~ 3/4
- 24] Now press [EXIT] the {OK] to save the changes
- 25] Move to [DISH CONNECTION] and make sure your LNB TYPE matches your LNB on your dish. For example if you have a 10.7 LNB then you would move down to LNB TYPE and change to USER SINGLE, Frequency 10700.
- 26] Press [OK] to save any changes you may have made
- 27] Now move to [INSTALLATION] and press [OK]
- 28} Enter pin 0000
- 29] Move to [SCAN SATELLITE] and press [OK]
- 30] Press [OK] to put a tick in Optus C1
- 31] Move to [SCAN ALL CHANNELS]
- 32] Press [OK]
- 33] The channels should now scan
- 34] If you do not see any channels scanning, the your dish is not aligned or your LNB settings are wrong.
- 35] If the channels do scan then press [OK] to save the channels.
- 36] Now press [EXIT] twice
- 37] You are now ready to view the channels with an authorised smartcard

If you have not aligned your dish then do the following.

- 1] Press [MENU] and move down to [INSTALLATION]
- 2] Enter 0000
- 3] Move to [SCAN TRANSPONDER]
- 4] Ensure Optus C1 is the satellite listed
- 5] Move down to frequency and change to 12527, polarity should be V (Vertical), symbol rate ~ 30000, code rate ~ 3/4
- 6] Press the **i** button to make sure that [SIGNAL QUALITY] is visible NOT [SIGNAL STRENGTH]
- 7] Now align your dish until you get as much [SIGNAL QUALITY] as possible.
- 8] When aligned do not press [OK]
- 9] Press [EXIT] and move to [SCAN SATELLITE]
- 10] Press [OK]
- 11] Press [OK] to put a tick in Optus C1
- 12] Move to [SCAN ALL CHANNELS]
- 13] Press [OK]
- 14] The channels should now scan
- 15] Press [OK] to save
- 16] Press [EXIT] twice
- 17] You are now ready to view the channels with an authorised smartcard

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