Installation Instructions:

Setting up a dish for OPTUS D1/D2 and more

Step 1: Assemble Dish and Mount using instruction sheets supplied. Make sure you have a universal 10750 L.O. Twin LNB installed (this is a single LNB with two outputs as below; not to be confused with Dual LNB which is two LNB's in the same housing or on the same fitting).

Step 2: After assembling dish, fit TWIN LNB to dish and ensure the skew is set for your satellite (as shown for Optus D1/D2):

TWIN LNB
Single LNB with Two outputs

Step 3: Set the gauge at the back of the dish to the **approximate** elevation given in the NZ table below. Dishes are offset so that the LNB does not shadow the signal received:

Location	Elevation Sat	Azimuth (Compass)
Kaitaia	46.8	319.3
Whangarei	45.8	317.6
Auckland	44.5	316.9
Thames	43.9	315.6
Hamilton	43.4	316
Rotorua	42.7	314.5
Gisbourne	41.4	311.8
Hastings	40.9	313.5
Palmerston North	40.6	315.2
Lower Hutt	40	316.1
Wellington	40	316.3
Picton	40.2	317.4
Nelson	40.4	318.5
Blenheim	39.9	317.5
Westport	40.3	321
Christchurch	38.2	318.7
Timaru	37.5	319.9
Oamaru	36.9	320.7
Dunedin	36.2	320.9
Invercargill	36	323.9

Step 4: Align the dish using a sat finder or the receiver.
To fine tune the dish alignment connect to the Optus D1 LNB only, do not use the switch.

Step 5: Line up the LNB using a Sat Finder

Step 6: Install the bracket and D2 LNB as shown (65cm dish Left, 75cm dish Right):

The spacing for the LNBs on a 65cm dish is as follows:

The spacing for the LNBs on a 75cm dish is as follows:

Product Name 33XX family	Model Name	Supported Broadcasts	RF Connectors	CI
XTi-3332	**Dual Tuner Satellite – FTA**	**Satellite – DVB-S/S2**	2	-
XTi-3340	**Dual Tuner Satellite (RF1, RF2)** **1 Terrestrial – FTA (RF3)**	**Satellite – DVB-S/S2** **Terrestrial – T/T2**	2 1	-

XTi 3332 (2 SAT RF)

XTi 3340 (2 SAT RF, 1 Terrestrial RF)

No DiSEqC switch, 1 Sat

NO DiSEqC

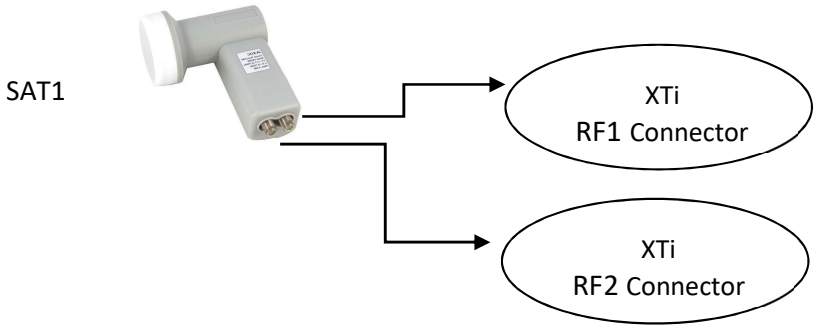
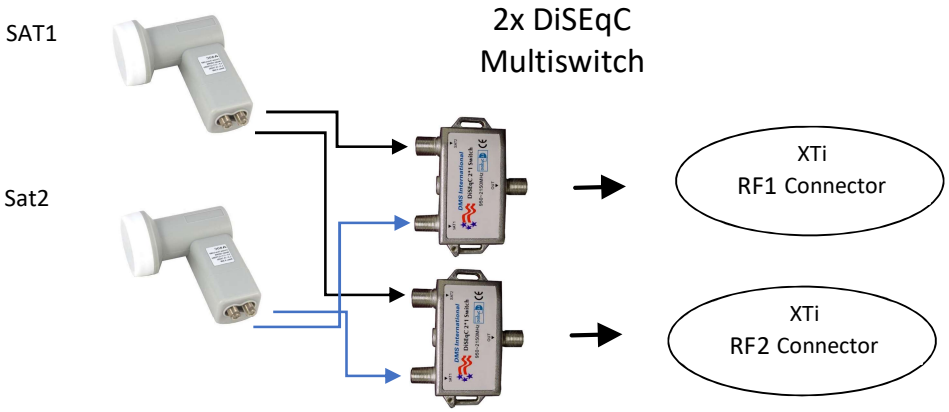


Diagram 2: XT1 3332 DiSEqC switch, 2 Sat



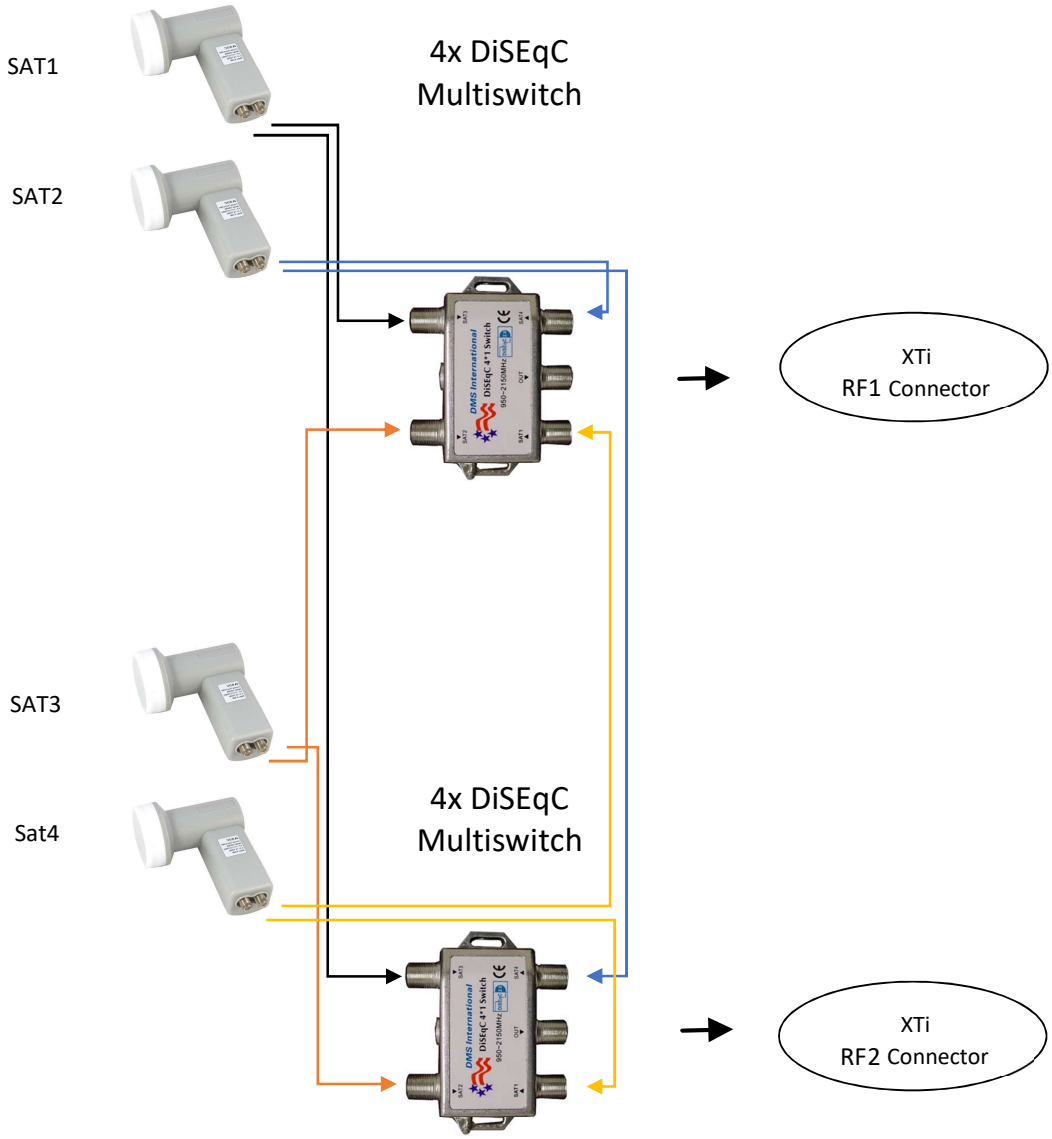


Diagram 3: XT1 3332 DiSEqC switch, 4 Sat

Step 7: Line up the LNB using a Sat Finder

Step 8: remove the cable from the D1 LNB and attach it to the newly installed D2 LNB:

Step 9 (if more than 1 Sat required): Install the 22KHz DiSEqC switch if required, per diagram 2 or 3.

Step 10

XTi 3332 (1 SAT)
Connect the Optus D1 LNB to RF1 and RF2 as shown in Diagram 1.

Setup the VBox per the installation instructions, with switching set to none.

XTi 3332 (2 SAT)

Connect the Optus D1 LNB to the 0Khz or 22Khz off side of the switch, connect the D2 LNB to the 22Khz on side of the Switch per Diagram 2.

Setup the VBox per the installation instructions using DiSEqC as the switching mode.

XTi 3332 (4 SAT)

Connect each LNB to the corresponding Switch input as shown in Diagram 3 above.

Then connect switch 1 output to RF1 of the VBox, and switch 2 output to RF2 of the VBox.

Setup the VBox per the installation instructions using DiSEqC as the switching mode.

XTi 3340 (SAT and T)

Connect LNB's per the instructions above. Now connect your UHF antenna to RF3 of the Vbox.

Setup the VBox per the installation instructions.

Quick Installation for XTi Using PC
Connect the device - Connect the device Wired to your Home router - Connect RF Cables - Connect power Cable Power On the device
Go to "My Computer" - Network - right click on the device Name Select first option: "view device webpage"
Click on Quick setup Follow the instruction
Support See our support guides for more information and on player configuration at www.vboxcomm.com.au