

FREEVIEWSHOP

Installation Instructions for the 90cm C Band Dish Kit.

Step 1: Assemble Dish and Mount using instruction sheets supplied or look for the instructions here:

<http://www.freeviewshop.co.nz/forum/index.php/board,8.0.html>

Step 2: After assembling the dish, fit LNB to dish ensure the skew is as is shown for your LNB:



The C band LNB should be pushed forward as far as possible within the LNB holder and the offset scalar ring should be push back until it touches the LNB support arms. We recommend you drill a hole in the LNB at the lowest point to allow water to drain out. (Do this at the end incase the skew is changed a little later):



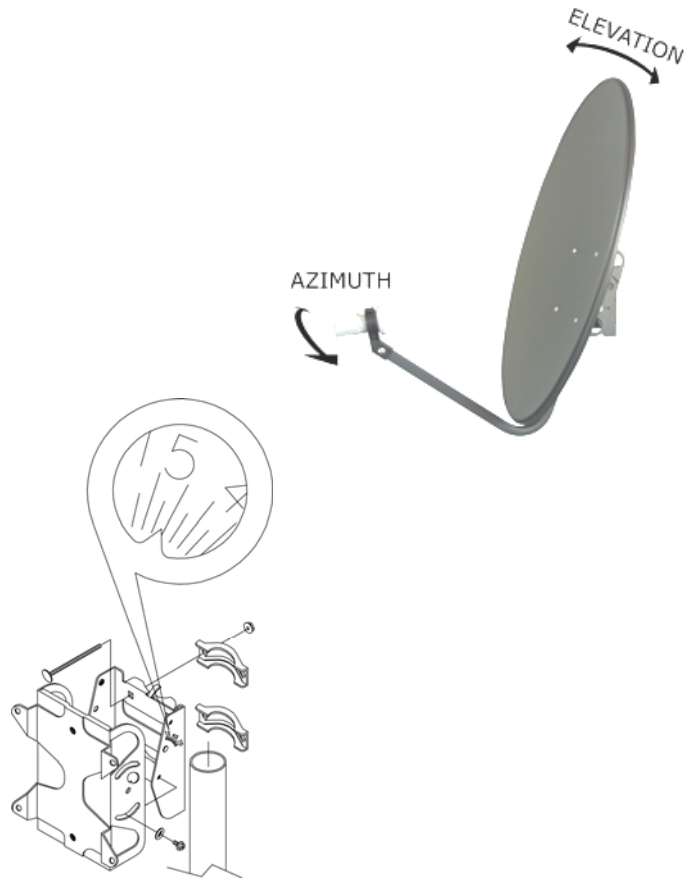
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Step 3: Set the gauge at the back of the dish to the **approximate** elevation given in the table below, Dishes are offset so that the LNB does not shadow the signal received:

Location	Elevation Sat	Azimuth (Compass)
Kaitia	49	334.2
Whangarei	48.1	332.2
Auckland	46.8	331.1
Thames	46.4	329.6
Hamilton	45.7	329.9
Rotorua	45.2	328.1
Gisbourne	44.2	325.1
Hastings	43.4	326.7
Palmerston North	42.8	328.4
Lower Hutt	42.0	329.2
Wellington	42.0	329.4
Picton	42.0	330.5
Nelson	42.1	331.7
Blenheim	41.8	330.5
Westport	41.7	334.1
Christchurch	39.7	331.3
Timaru	38.8	332.5
Oamaru	38	332.8
Dunedin	37.2	333.0
Invercargill	36.6	335.9
Stuart Island	35.9	336.4



Step 4: Align the dish using a sat finder or the receiver:

Fine tune the alignment using a satellite finder or set top box. The transponder you should use for alignment is 4160MHz H pol S/R:26479.

Once you have completed the dish setup just scan the 4160MHz H pol S/R:26479 TP and you can enjoy BBC World, Australia Network and IRQAA. If your receiver is already preprogrammed you will not need to do this step.



Step 5: Install the LNB for Freeview reception.

Install the Ku Band LNB to the left of the C Band LNB as pictured in the next image, set the skew of the LNB so the cable connects to the LNB at approx 8 o'clock. At this stage disconnect the C Band LNB and connect to the Ku Band LNB only.



You should mount the LNB back as far as possible for optimal reception. Once the LNB is mounted you can use a sat finder or the set top box (select the 12483MHz H Pol SR:22500 TP) to optimize the position of the LNB by rotating the offset scalar ring.

