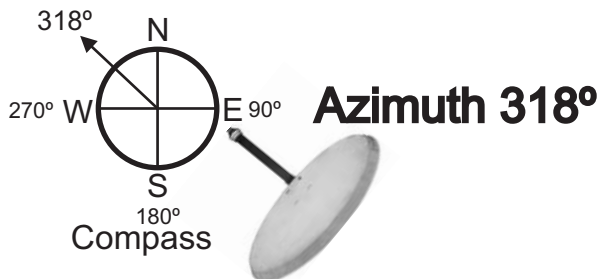


OVERVIEW STEPS:

1. SATELLITE POSITION - The dish is mounted on a position with a clear view of the Nth Western sky
2. The Satellite Finder helps to fine tune the Dish to the D1 Satellites exact position. (Maximum signal)
3. The Satellite Finder helps to readjust the Dish to lock in B3 Satellite..
4. The Satellite Finder is removed and the Dish connected directly to the receiver.

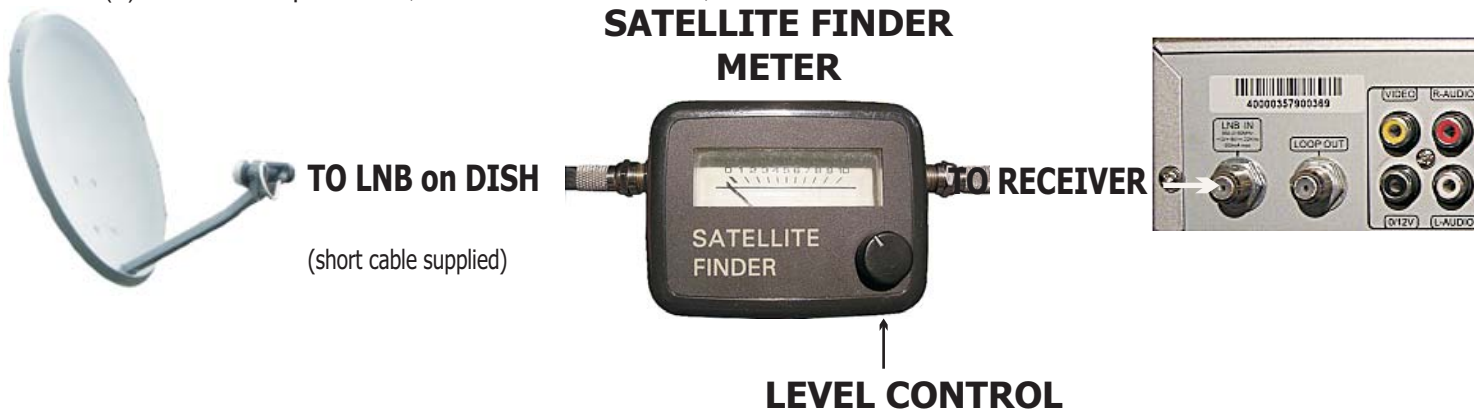
GETTING STARTED:

1. SATELLITE DISH POSITION (Safer to install Satellite DISH on the side of a house.) Make sure the Dish post is Vertical using a level. The dual LNB has to be mounted on dish, according to its supplied instructions and the receiver setup as per separate instruction sheet.
 - (a) Make a rough adjustment of the dish using a compass and set dish's azimuth at approx 318° [varies from 311 - 324° over the country] and set the elevation adjustment on the dish to approx 45° [this varies from 35 - 47° across the country] . Don't tighten the dish angles as we will fine tune this shortly. However make sure wall / roof mounts are done up tight.



2. D1 SATELLITE DISH FINE TUNING POSITION

- (a) Connect up the Coship receivers output to the TV set as per pages 4 and 5 of the manual. You have two main choices of either using the AV RCA outputs(best) or the RF Support output . Check you get the receivers opening screen is displayed on your TV at receiver switchon.
- (b) To set up the dish, first turn the receiver off, from the switch behind the receiver.



- (c) Out where the Dish is, connect as per diagram above using a short coax cable from the LNB to the METERS "TO LNB" input
- (d) Connect as per diagram from the METER's "TO REC" to the "LNB IN" cable running inside to the receiver.
- (e) Turn the receiver on with the STANDBY light showing "green".

- (f) Select Channel 1 We are going to find the OPTUS D1 Satellite First.
- (g) Outside now.. Set the Level Control on the METER to about the 3 o'clock position. The meters readings are not important. What is important is finding the highest reading of signal from the satellite. when you hear the "whistle" from the meter and it starts reading it means that you are probably on to a satellite. What happens next is to fine tune the DISH to the satellites position. Readjust the METER's level control if the readings get above half scale. Note DO NOT position the meter in front of the dish as you will get false readings and also do not block the signals to the dish with your body!
- (h) Make fine AZIMUTH adjustments of the dish from SIDE to SIDE to find the highest signal reading.
- (i) Once a signal is found, make fine ELEVATION adjustment UP and DOWN to obtain the highest signal.
- (j) Turn down the Level Control so that the readings are halfway again. Recheck that you have the best or the peak' signal by making FINE adjustments SIDE to SIDE and UP & DOWN.
- (k) Check on your TV to see whether you have a picture.
- (l) The channel you selected should be working. Do not proceed until you have TV1 on Ch1.

3. The Satellite Finder helps to readjust the Dish to lock in B3 Satellite..

- (a)
 - i On the remote press Menu
 - ii. Select installation, Advanced installation, OK
 - iii. Scroll up / down to Optus B3
 - iv. Scroll right
 - v. Scroll Right till on Standard 1
 - vi Scroll down to TP setup.
 - vii Scroll right to bring up 12407/V/3000
 - viii If QUALITY, (signal indicator) shows a reading, then push small red button in middle of remote to scan channels. If no channels are registered continue below anyway..
- (b) NB This next step is the HARDEST bit. The Satellite Dish is now to be **fine tuned** to the weaker Optus B3 satellite. Looking at the dish from the front Slowly move the dish AZIMUTH (horizontal) a fraction so that the right side is further away from you. Adjust up the meters sensitivity. Looking at the meter very closely the meter should rise a fraction (B3) before dropping down again. You may have to try this several times to identify B3's peak. Careful not to mask the incoming satellite signal with parts of you body. Also keep SAT meter away from the front of the dish as you could get false readings.
- (d) Check the TV to see whether you have a picture on the TV. If you have, then fantastic.
- (e) To check whether you are getting the maximum signal on B3, just flex the dish, ever so slightly with your hand; down V up ^ < left and right > and see whether the meter shows any gains by a finer adjustment. Check TV again and press the red SCAN button on the remote. Save channels if everything is OK. To get back to see TV Channels press MENU. Ch1 and up to 30+ should show TV channels.
- (f) When satisfied, tighten Dish adjustments firmly and recheck TV again for all the channels. Turn off Coship receiver. Remove the METER and the short cable
- (g) Reconnect receiver to LNB directly and switch on.

FOR REFERENCE ONLY - INCASE SETTINGS LOST



These are your Receiver SATELLITE settings for the dish you are connected to. If your DISH LNB should be changed, then the top two entries are to be changed for both D1 and B3 Satellites.

ADVANCED INSTALLATION menu should read top to bottom.

LNB Type: Standard 1
 LNB Local: 10600 MHz
 22K: OFF
 DiSeqC: # 1 for B3 # 2 for D1
 LNB Power: ON
 Position Set: OFF
 Set 0/12v: 0V
 Set FAT/CAS: FTA
 Search Type: All
 TP Setup: [dont alter these]