

## Triax DDU – Installation Notes.

1. Connect the LNB on the satellite dish to the LNB Inputs on the DDU, (the number depends on the type of LNB fitted to your dish and is normally between 1 and 4).
2. Connect your TV aerial to the UHF1 Input.
3. Connect an FM Aerial to the FM input, and DAB aerial to the DAB input.
4. If you have any CCTV cameras with a modulated UHF output, these can be connected to UHF Input 2, (take care that signal levels from the cameras are not too high).
5. Connect the DOWNLINK OUTPUT of the DDU to the input on the rear of the DDU Outlet plate marked "Sat 1/ TV / Radio In" – NOTE, You must have a DDU Outlet fitted at this position, (part number 304115), for the system to work as intended.
6. Connect the RETURN cable from the rear port on the DDU Outlet marked "Sat 2 In / Return Out" to the UPLINK INPUT of the DDU, (this completes the connections between the DDU itself and the DDU Outlet plate).
7. The Downlink carries the following signals: Satellite feed 1, TV, FM and DAB.
8. The Return cable carries the following signals: SAT 2, (for Sky+) from the DDU and the UHF return to the DDU.
9. These signals are filtered within the DDU Outlet plate and appear on the respective outlet connectors.
10. Connect the following connectors on the DDU outlet plate to your Sky Receiver:
  1. SAT 1 out to LNB Input 1 of the Sky Receiver
  2. SAT 2 out to LNB Input 2 of the Sky Receiver
  3. TV out to Aerial In of the Sky Receiver
  4. (Radio out to a Hi-Fi if required).
11. Connect the RF Out2 connector on the rear of the Sky Receiver to the RETURN Input of the DDU Outlet plate – NOTE, It must be RF Out2 in order for the Infra Red control to operate.
12. Run cables from Outputs 1 to 6 of the DDU to the other rooms where signals are required.
13. The outlets used in these positions depend on your requirements. If you are only concerned with TV signals in these rooms, then a single coax outlet will suffice, (such as the Triax 304122). If you require separate TV and Radio outputs then a TV / Radio Diplexed Outlet will be required (such as the Triax 304118). The outlet must be capable of passing DC and 7MHz on the TV output to power the Digital Links, (magic eyes), and pass the return IR signal.
14. Each of the Outputs 1-6 from the DDU carries the following signals;
  1. Your Off-Air Analogue and Digital Terrestrial signals
  2. The output channel of your Sky Receiver, (carrying the satellite channel selected on your Sky receiver).
  3. FM and DAB signals.
  4. The return Infra Red signal from any Digital Links.
15. With the DDU and Sky Receiver powered, you should now be able to view all the above signals in each room and, (if Digital Links are installed), change the channel of your Sky receiver located at the DDU outlet, (the main TV position).
16. If you have a Quad, (4 Output), LNB fitted to your satellite dish, you can connect LNB 3 and 4 to LNB Inputs 3 and 4 on the DDU.
17. These Inputs are connected directly to Outputs 7 and 8 on the DDU.
18. Cables from Outputs 7 and 8 can then be run to two separate rooms giving each room its own independent single satellite feed, or both cables from outputs 7 and 8 can be run to a single location giving an additional, independent Sky+ point.

19. Outputs 7 and 8 carry the following signals:

1. Independent satellite feeds
2. Analogue and Digital Terrestrial Off-Air signals
3. The satellite channel selected on your 'main' Sky receiver
4. FM and DAB signals.

NOTE – You cannot use Digital Links on Outputs 7 and 8 to control the 'main' Sky Receiver

20. If you run single cables from Outputs 7 and 8 to two rooms then you can use the Triax Triplexed Outlet plate, (304102), if you run both cables to a single room for Sky+ then you can use our SAT II outlet plate, (304114).

## Installation Diagram:

