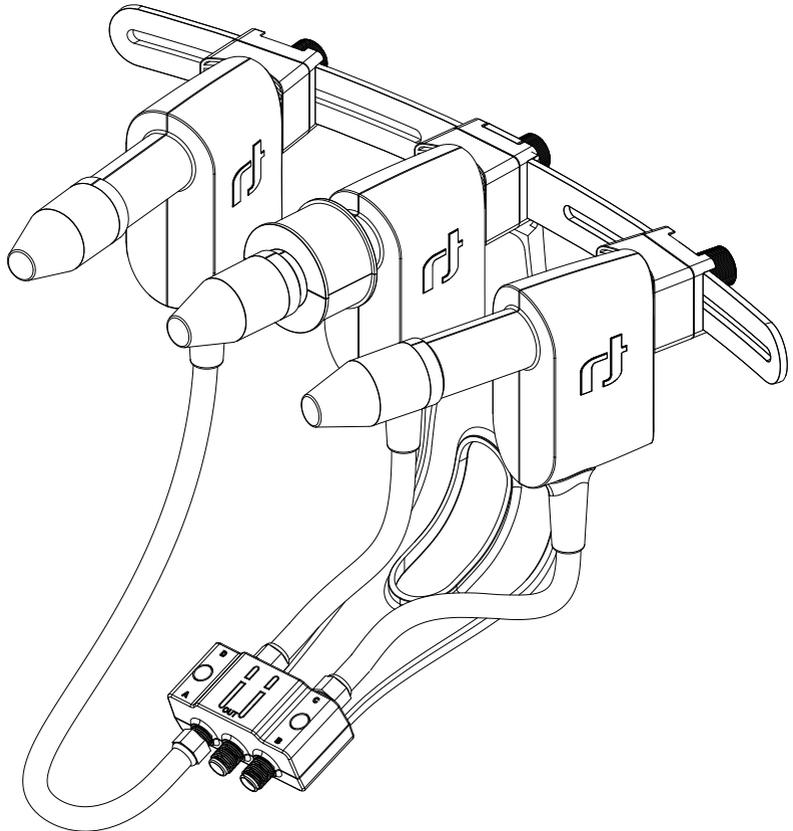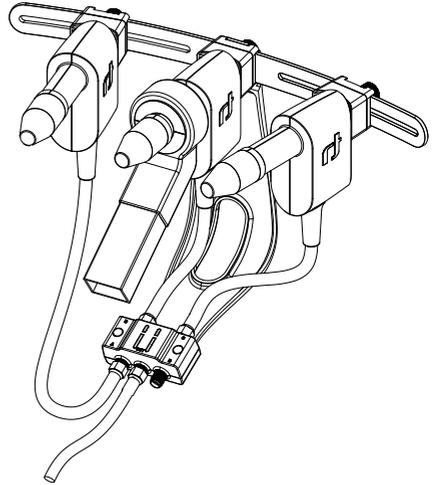# MultiConnect™ System

Installation Guide

Starter Kit for multiple Single and/or Twin LNBs installation
IDLB-SET03-MULTI-8TP

Thank you for purchasing Inverto's innovative MultiConnect system and we are certain it will meet your expectations.

Before installing the system, please read the following instructions and recommendations. We suggest that you keep this manual for future use.

System description

The MultiConnect system supports reception of multiple satellites with any universal dish antenna. The following diagram depicts the system architecture:
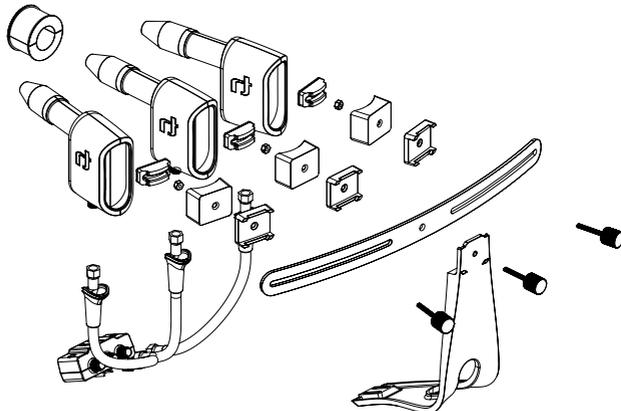

The system is based on unique LNB designs and a set of mounting parts provided in kits to support numerous installation scenarios.
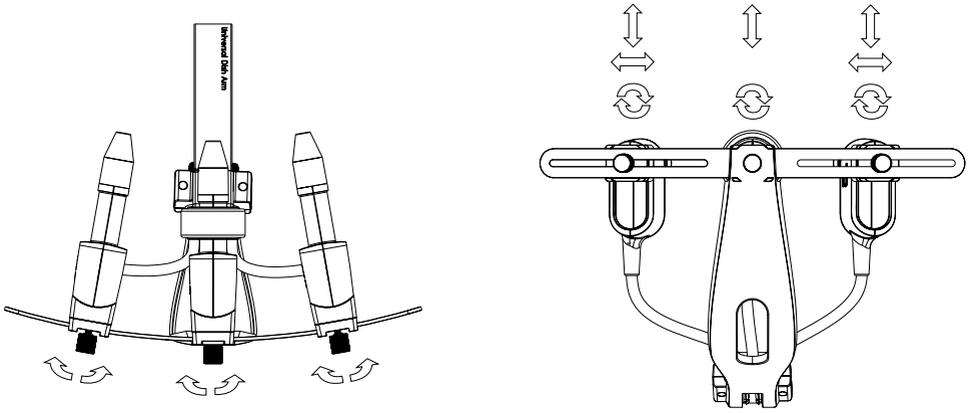
Thanks to the slim feed technology of the MultiConnect LNBs, the MultiConnect system supports a remarkable reception span of multiple satellites from 2 to 30 degrees spacing depending on the actual dish size:

Dish antenna size	Minimum spacing between satellites	Maximum spacing between satellites
60cm ($\varnothing$)	3 degrees	30 degrees
80cm ($\varnothing$)	2 degrees	22 degrees

The system is mounted over a central LNB that is fixed to the satellite antenna's LNB feed holder. Since most LNB feed holders are designed for 40mm LNBs, there is a 23mm to 40mm ring adaptor supplied with the LNBs. Each MultiConnect LNB incorporates a built-in inner block behind its back cover. The inner block contains a bolt and together with the supplied screw tightens the LNB to the multi-feed arc bracket:

Due to the unique design of the inner block and the corresponding mounting parts, the MultiConnect LNBs can rotate on all axes and set on the optimal position for best signal reception. The LNBs can move up/down, left/right, in/out-ward the focal point and rotate clock/anti-clock wise:
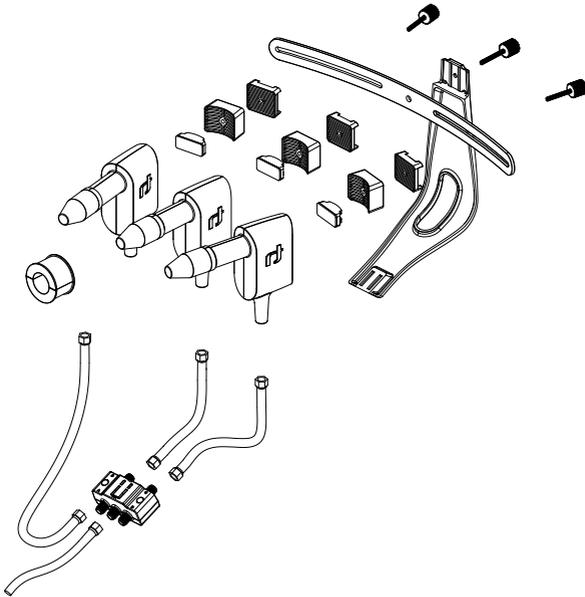

The Starter Kit

The Starter kit supports simple installations of up to 5 MultiConnect Single or Twin LNBs on any universal dish antenna.
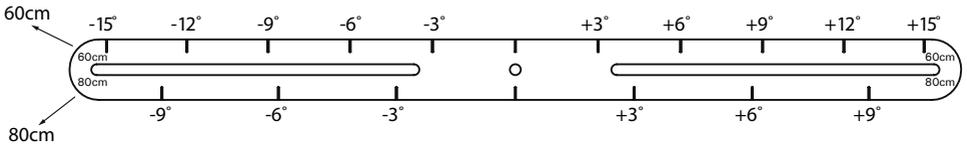The following table lists all the parts supplied in this kit:

Part description	Quantity supplied	Part diagram
Spacer	5	
Long extender	5	
Long screw	5	
Multifeed arc bracket	1	
Hex wrench	1	

System installation

The following diagram shows the system elements and shall assist you when installing your system:

Note: The multifeed arc bracket is marked with tags spaced by 3 degrees - referenced to the position of the central LNB - to allow quick adjustment of the LNB's azimuth. The arc bracket has two lines of marks - one for 60cm dish antennas and the second for 80cm dish antennas.

Disposal

Following relevant EU directives, this device shall not be disposed of together with municipal waste. Use local waste collection and recycling systems to dispose wore out products.

* DiSEqC™ is a registered trademark of Eutelsat

Available MultiConnect LNBs & Kits:

IDLB-SINL20-MULTI-0PP   -   MultiConnect Single
IDLB-TWNL20-MULTI-0PP -   MultiConnect Twin
IDLB-QUDL20-MULTI-0PP -   MultiConnect Quad
IDLB-QUTL20-MULTI-0PP -   MultiConnect Quattro

IDLB-SET01-MULTI-STP -   Base kit for installing up to 4 Single or Twin MultiConnect LNBs on universal dish antennas including DiSEqC switches and RF cables.
IDLB-SET02-MULTI-QQP -   Expansion kit for installations with up to 4 MultiConnect Quad or Quattro LNBs including DiSEqC switches and RF cables.