

Satellite Multi-Switch

Mode Code: HSM-1304

Description

The Satellite Multi-Switch is used to combine the passive CATV/Antenna signals and the amplified Satellite signals in a small SMATV system. The Satellite Multi-Switch is designed for an independent selection of LNB-A or LNB-B for each satellite receiver and each individual receiver can select any satellite channel.

Installation

1. Place the module horizontally.
2. Push the module so the hook and tab fall into the rail slots of the enclosure.
3. Slide the module LEFT and the spring fastener will automatically lock the module at the desired position.

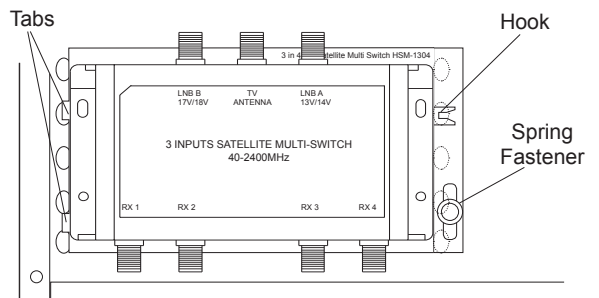
Operation

Set up the Satellite Cable

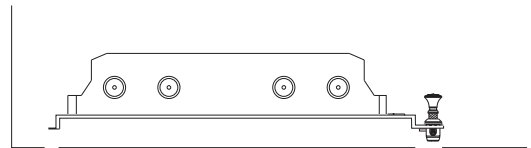
The Satellite Multi-Switch is used to combine a dual signal from a satellite dish and CATV/Antenna signal to support up to 4 satellite receivers. Connect the dual LNB cables from the satellite dish to the correct LNB-A and LNB-B ports of the multi switch. The DC power passing from the satellite receiver to LNB is 500mA max. There is an optional DC power supply input socket for external DC power use.

Set up the CATV/Antenna Cable

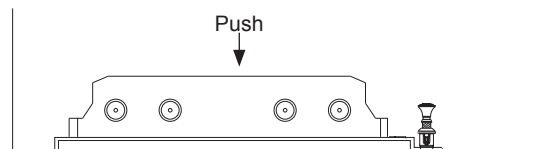
Connect the incoming CATV/Antenna signal to the Antenna port of the multi-switch. The combined signals are run through a single coaxial cable and a Diplexer is used after the satellite wall outlet to separate the satellite and CATV/Antenna signals in order to connect to the satellite receiver and TV.



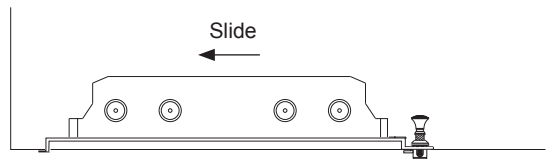
1.



2.



3.



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Diplexer

The Diplexer is used for combining or separating satellite and CATV/Antenna signals and allowing the two signals to be fed through a single coaxial cable. Usually, combining these two signals could increase interference and reduction of signal strength. DC Power pass is provided in order to pass satellite receiver LNB voltage.

