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### IS-0346 Rev. A

### 1. INTRODUCTION

The On-Q/Legrand 1X4 Satellite Distribution Module (P/N VM7634) (see **Figure 1**) combines satellite with cable, antenna, or other internal video sources and distributes the signal to as many as four locations throughout the house.

**Note: This is not a multiswitch and may require the use of additional components supplied by the satellite provider.**

### 2. DESCRIPTION

The On-Q/Legrand 1X4 Satellite Distribution Module combines an antenna, CATV, and/or an internal video network signal and distributes the combined signal to any of 4 locations using up to 4 coaxial feeds from satellite dishes (LNB's)

- Single bay horizontal mounting bracket (P/N AC1007) included for mounting in On-Q style enclosure (see Figure 2)
- 4 LNB inputs / 1 CATV/ANT input / 4 outputs (combined satellite and CATV/ ANT)

### 3. INSTALLATION

Refer to **Figure 3** during installation.

- Snap the 1x4 Satellite Distribution Module onto the included bracket using the push-pins at each corner.
- To mount the bracket (with module) into the enclosure, insert the tabs on the left side of the bracket into the slots in the enclosure and push the bracket pushpin into an appropriate hole in the enclosure to secure the bracket (with module) to the enclosure.
- Connect the incoming cable service line or antenna to the "CATV/ANT" port on the module.

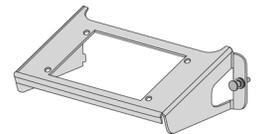
**NOTE To add an internal video network, connect the amplified output of any internal video network to the "CATV/ANT" port on the Module. Internal networks are created by using Video Distribution Modules as combiners in conjunction with an amplifier module.**

- Connect the coaxial feeds from your satellite equipment (these are the feeds that would be used for individual satellite receivers). Your system may require the use of a multiswitch which could be provided with the satellite dish, be an integral part of the dish, or sold separately.
- Connect the cables that lead to the coaxial taps where the satellite receiver(s) will be located into the "EXT 1 – EXT 4" ports on the module. Since this module works as both a pass-through for satellite, and a splitter for "CATV/ANT"; all taps will have the signal from the "CATV/ANT" port but only ports with a satellite input will have a satellite signal on them. A diplexer (see Room 1 and Room 2 in **Figure 3**) can be used to split the combined signal back into CATV/ANT and Satellite signals.

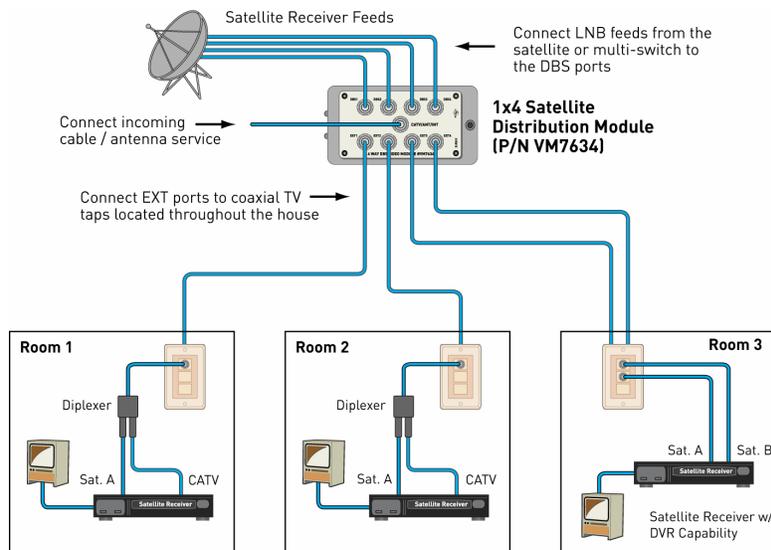
**Example: If satellite cable feeds are plugged into the "DBS 1" port and "DBS 3" port, then a satellite receiver may be plugged into both the "EXT 1" and "EXT 3" ports but not the "EXT 2 or "EXT4" ports. All ports will "EXT 1-EXT 4" however will have the "CATV/ANT" signal available to them.**



**Figure 1**



**Figure 2**



**Figure 3**