

DISH Note

Dish Pro Plus 33 Switch Deployment

Audience:	FSS; RSP; FSM; DNS Sub-Contrators; IM; QAS; GM
Release Date:	05/19/08
Revised:	00/00/00

Have you ever been in a situation where you had two or three orbital locations and a DISH Pro Plus 44 could have saved you time, but the work order called for a DISH Pro 34? How about a time where you needed to run additional cable in a customers home, but the customer had pre existing cable and did not want to have additional cable installed? The DISH Pro Plus 33 Switch is the answer to these and other similar problems.

The DISH Pro Plus 33 Switch features:

- DISH Pro Plus technology
- LNBF inputs for three orbital locations
- Three receiver outputs (including up to three DISH Pro Plus dual-tuner receivers when used with DISH Pro Plus Separators)
- No power supply required
- Can be used as a ground block

When using the DISH Pro Plus 33 Switch you need to keep a few things in mind.

The receiver(s) must have current software to properly recognize the DPP33 Switch. You should refer to the installation guide section on Setting up the Receivers for further information.

Compatible satellite receivers:

The DISH Pro Plus 33 Switch may be used with DISH Pro, DISH Pro Plus, and Legacy receivers.

DISH Pro

- Have a single SATELLITE IN port that can be directly connected to a DISH Pro Plus 33 receiver port.
- These receivers and other DISH Pro products are identified by the following DISH Pro logo.



DISH Pro Plus

- Have two SATELLITE IN ports that can be connected to one DISH Pro Plus 33 receiver port if used with a DISH Pro Plus Separator.
- If a DISH Pro Plus Separator is not used, the two SATELLITE IN ports can be directly connected to two DISH Pro Plus 33 receiver ports.
- These receivers and other DISH Pro Plus products are identified by the following DISH Pro Plus logo.



Legacy Receivers

- For other DISH Network receivers without DISH Pro or DISH Pro Plus logos, the SATELLITE IN port can be directly connected to a DPP33 receiver port.
- However, a DISH Pro or DISH Pro Plus receiver must be installed first and remain connected to power (not through a switched outlet) to power the switch.
- No Dish Pro Adaptor is required for legacy receivers as long as a DP or DPP receiver is continuously connected to port 1 of the DPP 33

Note: Legacy receiver models 1000, 3000, 4000, 5000, JVC-DVHS (IRR), and DISHPlayer 7100/7200 cannot receive signals from and will not detect signal from FSS satellite locations such as 118.7 or from the 129 DBS location.

Switches

The DISH Pro Plus 33 Switch may be used with DISH Pro or DISH Pro Plus trunkable switches.

It is not compatible with:

- DISH Pro 21Switch
- Legacy Switches

LNBFs

The DPP33 Switch can be used only with:

- DISH Pro LNBFs
- DISH Network Bandstacked FSS and DBS LNBFs.

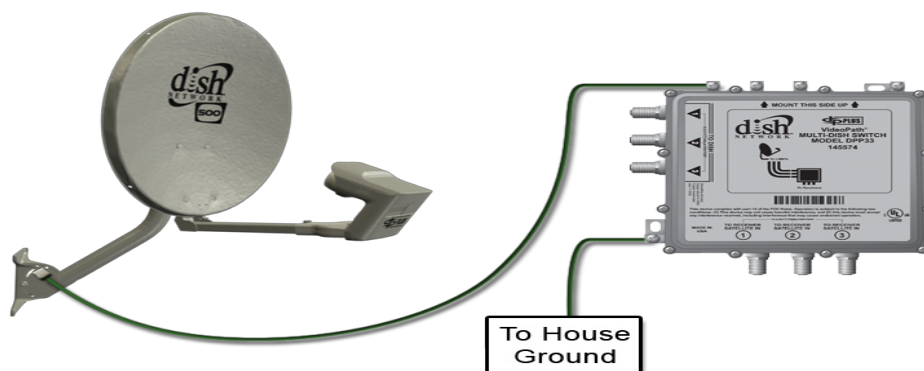
The DPP33 Switch will not work with

- DISH Pro Plus LNBFs
 - DPP Twin
 - DPP 1000.2
- Non-DISH Pro (Legacy) LNBFs.

Grounding

The DPP33 Switch is UL listed as an approved grounding block.

If using the switch as a grounding block, refer to the switch's installation instructions and ground the system in accordance with the National Electrical Code (NEC) and all state and local electrical codes.



- Ground the earth-ground lug, located at the bottom left edge of the switch, to the main structure ground according to code.
- The length of this wire, from switch to ground source must not exceed 20 feet.
- Ground each antenna used to one of the ground lugs located along the top of the switch.
- You can use messenger cable from the DISH to the switch, but must use #10 ground wire from the switch to the ground source.

As of the writing of this document the DPP33 switch is the only switch rated as a ground block.