

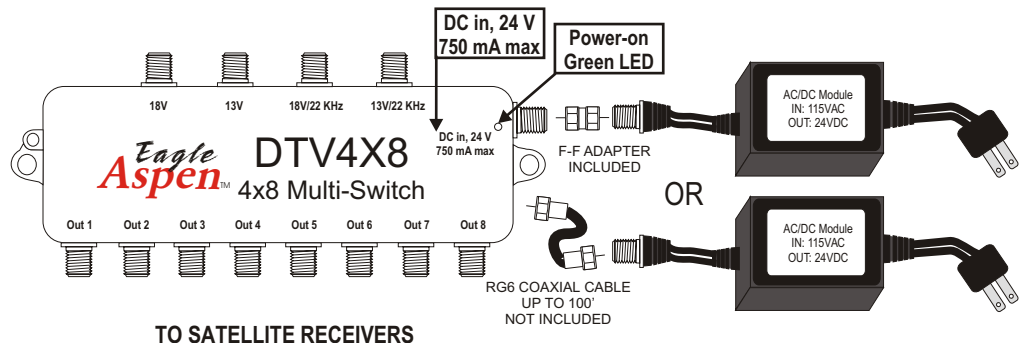


Installation Guide, DIRECTV® Approved 4x8 Multi-Switch Model DTV4X8

For Technical Support
Call Pro Brand International
at 770-423-7072.
Do not call DIRECTV.

INCLUDED PARTS:

- (1) DTV4X8
- (1) AC/DC POWER MODULE
- (1) F-F ADAPTER



Key Features:

- This DIRECTV-approved 4x8 Multi-Switch contains specially-designed circuitry to optimally interface (RF, DC voltages and currents, channel/satellite selections, etc.) with all DIRECTV Dish Antenna Systems and all generations of DIRECTV satellite receivers. Typical off-the-shelf multi-switches may not be designed for, and therefore may not work properly with all generations of DIRECTV Systems.
- The 4x8 Multi-Switch is sealed so it can be used either indoors or outdoors. It operates in extreme temperature ranges from -30°F to 140°F. It contains a power-on indicator to aid installation or trouble-shooting.
- The AC/DC Module is equipped with a re-settable thermal circuit breaker to protect against shorts.
- The AC/DC Module is designed for connection to the 4x8 Multi-Switch directly, or remotely via a commonly available RG-6 cable, up to 100 feet. F-F adapter is included.

Installation Information:

- Connect the 4x8 Multi-Switch to the unplugged AC/DC Module first to avoid power short/spark to the 4x8 Multi-Switch case. The indoor AC/DC Module is designed for connection to the 4x8 Multi-Switch directly if both are located indoors, near each other and near an AC power source. Use an RG-6 cable if the 4x8 Multi-Switch is remotely-located, either indoors or outdoors, from the AC/DC Module.
- Use RG-6 cables with proper exterior water-proof connectors, preferably mounting/orienting the unit where it is shielded from rain. Avoid placing 4x8 Multi-Switch directly on a hot roof and allow ventilation of the 4x8 Multi-Switch and the AC/DC Module by not covering them with anything that may prevent or reduce ventilation. The total RG-6 cable length from each satellite receiver to the DIRECTV Dish Antenna should be kept to 150 feet max.
- Unplug the AC line cord from the wall socket for a couple of minutes to recycle the power before re-connection, if you suspect the AC/DC Module has been shorted for a few seconds or more (and appeared to be "bad"). You must recycle power to un-latch the AC/DC Module's thermal circuit breaker.
- This installation guide includes a DIRECTV-recommended method to add terrestrial off-air/HDTV signal to DIRECTV satellite signal. With this recommended method, most of the terrestrial off-air/HDTV signals will be passed to your TV/receiver. This is unlike a typical off-the-shelf, passive 5x8 multi-switch which attenuates the terrestrial off-air/HDTV signal by 20 dB (or more), equivalent to passing only 1% (or less) of the terrestrial or HDTV input signal to any 1 of the 8 outputs.

Expanding Phase III, 18"x20" DIRECTV Multi-Satellite Dish Antenna System from 4 outputs to 8 outputs, driving Phase III LNB directly (dish not shown)

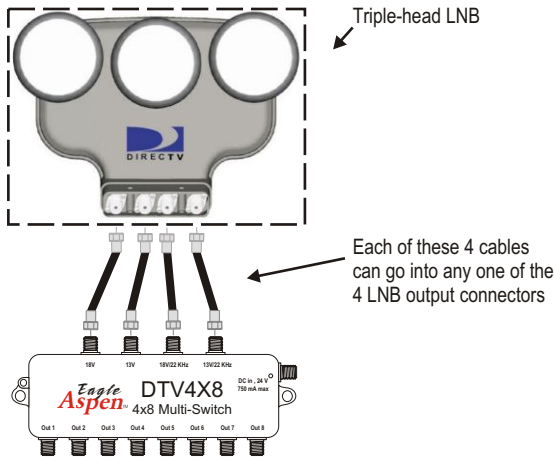


Fig. 1

Expanding Phase II, 18"x24" Oval DIRECTV Multi-Satellite Dish Antenna System from 4 outputs to 8 outputs, driving Phase II Y-Adapter directly (dish and LNBs not shown)

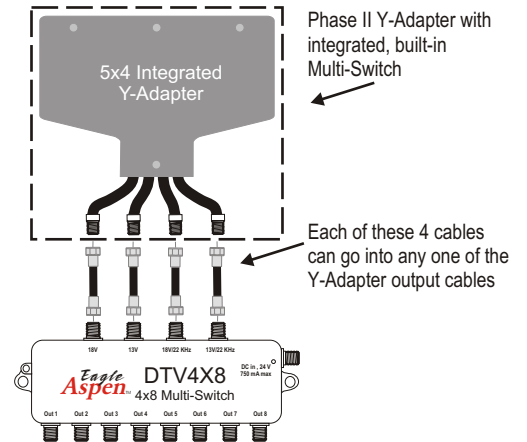


Fig. 2

Guide for Expanding Phase I System

Expanding Phase I, 18"x24" Oval DIRECTV Multi-Satellite Dish Antenna System from 4 outputs to 8 outputs, driving 2 Phase I LNBs directly (dish not shown)

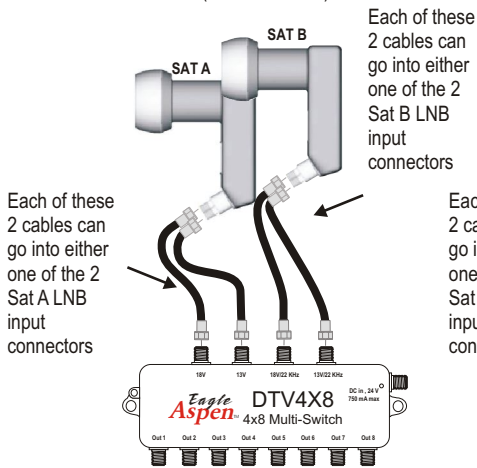


Fig. 3A

Expanding Phase I, 18"x24" Oval DIRECTV Multi-Satellite Dish Antenna System from 4 outputs to 8 outputs, driving 3 Phase I LNBs directly (dish not shown)

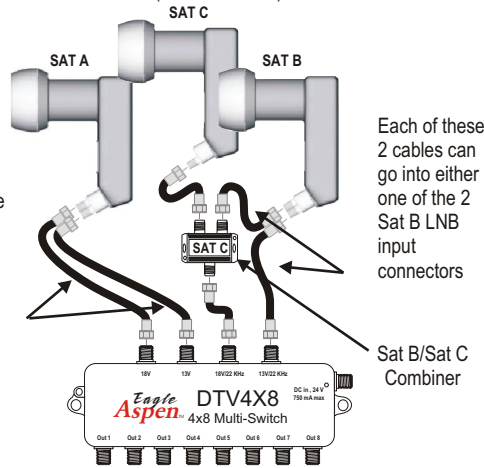


Fig. 3B

Expanding Phase I, 18"x24" Oval DIRECTV Multi-Satellite Dish Antenna System from 4 outputs to 8 outputs, driving 4x4 Multi-Switch directly (dish and LNBs not shown)

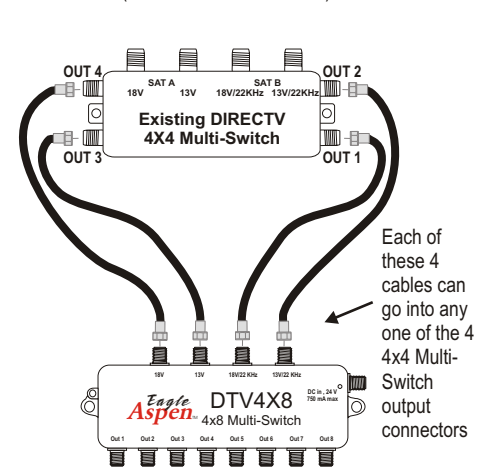


Fig. 3C

Guide for Expanding 18" Round Dish & Terrestrial/HDTV Extension

Expanding 18" Round DIRECTV Dish Antenna System from 2 outputs to 8 outputs (dish not shown)

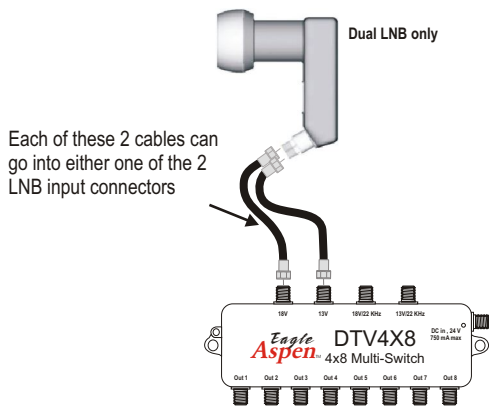


Fig. 4

Lossless addition of terrestrial HDTV signal or off-air signal to satellite signal (applicable to all DIRECTV Systems, see Fig. 1 Through Fig. 4)

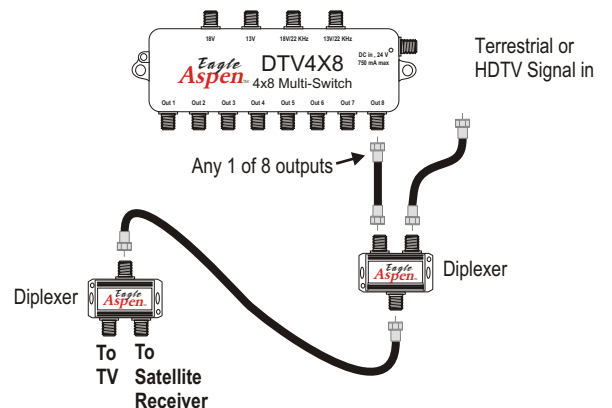


Fig. 5