

STACKING

APPLICATION

SITUATION

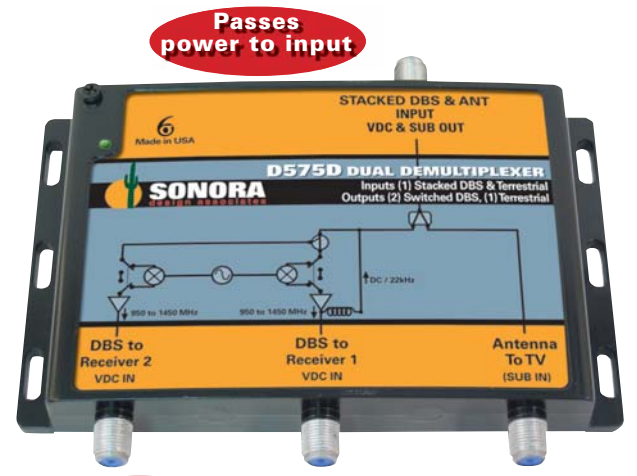
You have only one cable between your Standard Definition DirecTV (2) tuner Digital Video Recorder and dish. DBS DVR receivers require (2) coax cables for independent program viewing and recording.

SOLUTION

Model **D575D** provides (2) independent 101° satellite DBS outputs from one coax carrying stacked 101° signals. Passes power to input for line amplification on long cable runs.

RELATED CONSIDERATIONS

Model **D575** is recommended for single tuner receivers having a single coax input. Model **S112** which includes both a stacker and dual destacker stacks the 101° multi-switch outputs on one cable using receiver power.



Passes power to input

RECEIVER POWERED

Kit: S112-T includes
 (1) uS575-T
 (1) D575d
 (3) 9" mini-"F" jumpers

DESCRIPTION

DirecTV single satellite dual tuner de-stacker. Converts stacked signals to switched signals.

FEATURES

- MADE IN USA 3 YEAR WARRANTY
- DBS Compatibility : DirecTV
- PVR Compatibility : TiVo, DirecTV
- Wide Input window: -35 dBm to -58 dBm
- Internal Diplexer: DBS, DC & 22kHz, CATV
- Line Amplification: 7 dB DBS

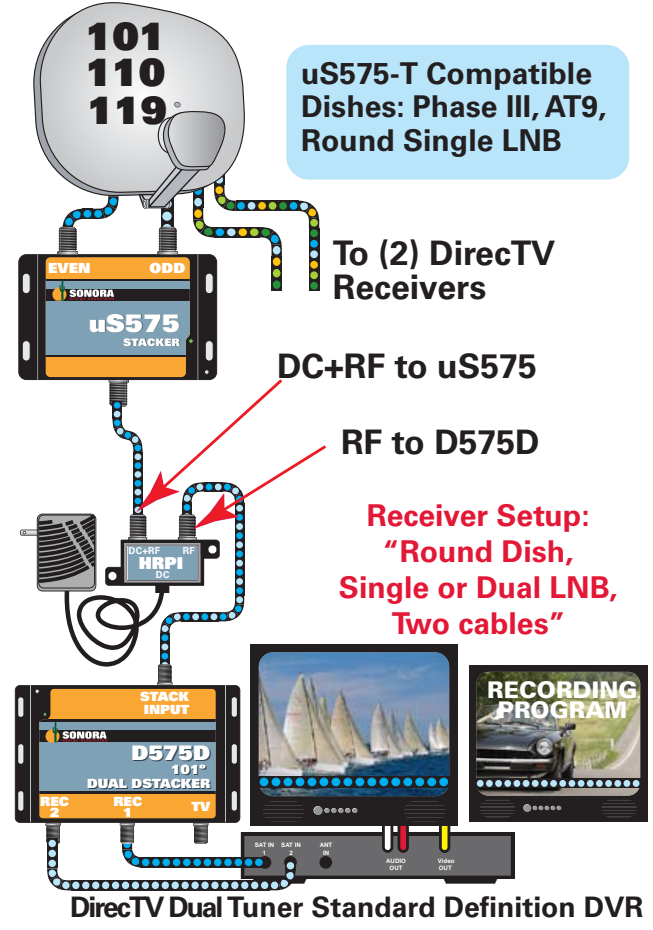
COLOR CODE

- | | | | |
|--|-----------|--|-------------------|
| | 101° Even | | 119° Odd |
| | 101° Odd | | Cable TV |
| | 119° Even | | 101° Stacked |
| | 110° Even | | 119°/110° Stacked |

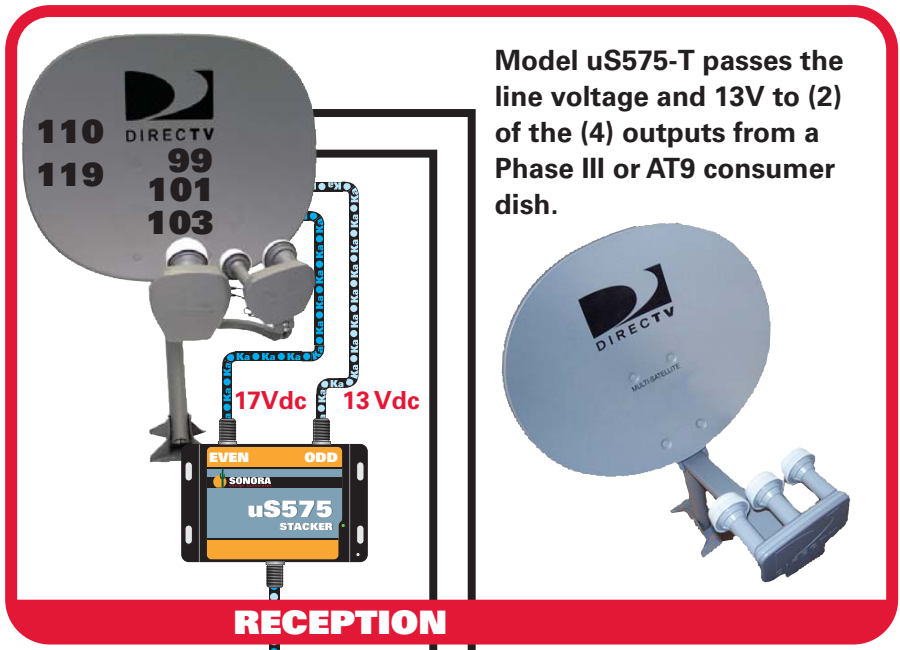
SPECIFICATIONS

Mechanical Specifications

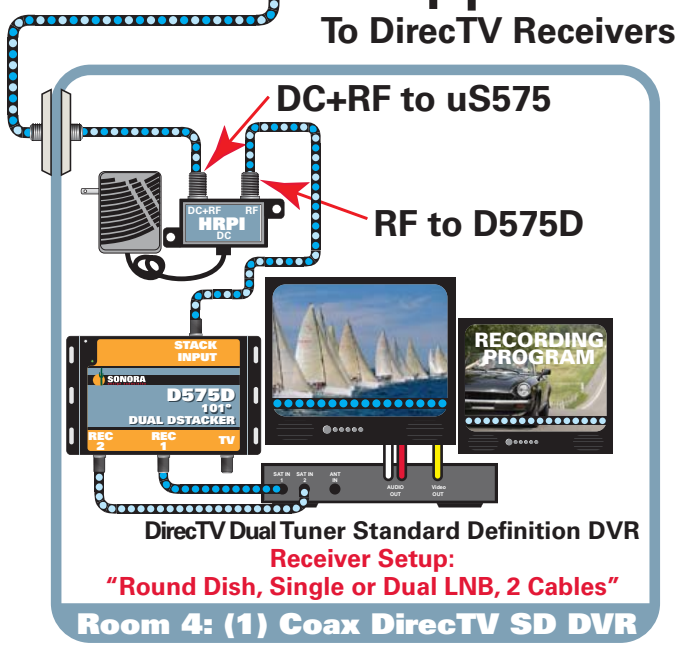
- Dimensions 6" x 4.75" x 7/8"
- Weight 1.0 lb (0.4 kg)
- Master Carton (45 units) 19" x 15" x 6"
- Master Carton Weight 51 lb (23.1 kg)



STACKING



Model uS575-T passes the line voltage and 13V to (2) of the (4) outputs from a Phase III or AT9 consumer dish.



Some interior rooms in homes may have just one existing coax cable and a second cable is not possible. Customers wanting a standard definition Digital Video Recorder (DVR) may be willing to limit the program selection to the primary 101° satellite.

Model S112-T includes both a uS575-T stacker and a D575D dual destacker. Included is a power inserter to operate the dish electronics. The uS575 creates the voltages necessary to switch two outputs of the AT9 or Phase III dish.

SPECIFICATIONS

ELECTRICAL	Typical	QC Limit
DBS Input Window		-35 to -58 dBm
Band Switch voltage		> 14.0 Vdc
Pass band Gain		
5 -800 MHz	-3 dB	-7 dB
950 -1450 MHz	7 dB	±2 dB
1525- 2025 MHz	7 dB	±2 dB
Band Flatness		
Any 20 MHz		± 0.5 dB
950 to 1450 MHz		± 2 dB

ELECTRICAL	Typical	QC Limit
Input Return Loss		
5-750 MHz	10 dB	8 dB
950-2025 MHz	12 dB	10 dB
Output Return Loss		
5-750 MHz	12 dB	10 dB
950-1450 MHz	12 dB	10 dB
LO Frequency	575 MHz	± 30 kHz
2nd Harmonic Rejection	1150 MHz	> 55 dB
Voltage	11 to 18 VDC	200 mA