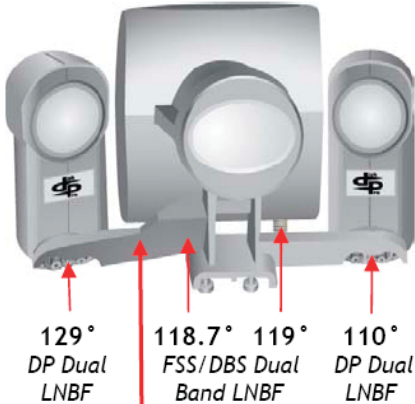


DISH Notes

Introducing the
DISH 500+ & DISH 1000+

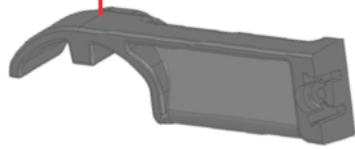
DISH 1000+ LNBF Assembly



129°
DP Dual
LNBF

118.7° 119°
FSS/DBS Dual
Band LNBF

110°
DP Dual
LNBF



Bracket to attach DP Dual
for 129° orbital location



DISH 500+



DISH 1000+

INTRODUCTION

DISH 500+ receives signal from the 110°, 118.7°, and 119° orbital locations. An optional LNBF and bracket can be attached to upgrade the DISH 500+ to a DISH 1000+, which adds reception from the 129° orbital location.

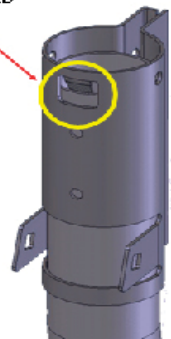
EQUIPMENT

The 500+ Antenna Kit includes the dish, backing assembly, feed arm and Installation Instructions for installing the DISH 500+ and 1000+. If needed, a kit including the mast, foot, and a set of struts is available separately. The LNBF kit* for DISH 500+ and DISH 1000+ includes the DP 500+ LNBF Assembly, and a bracket used to upgrade a DISH 500+ to a DISH 1000+.

IMPROVEMENTS

- Larger reflector
- Mast has thicker metal with a larger footplate using the same bolt pattern as a D500.
- Includes Struts to stabilize the dish.
- Easier to read elevation and skew indicators.
- Anti-sag Tab that helps keep the dish on elevation while setting the azimuth.
- A reinforced back bracket.

Anti Sag Tab™



NOTE: The masts, brackets and footplates for the DISH 500+ and DISH 1000+ are NOT interchangeable with any other dishes. The mast is longer mast to accommodate the larger reflectors, and the reflector has a different bolt pattern. Both are made of thicker metal to compensate for its weight.



DISH Notes

MOUNTING

Mounting the D500+ and/or D1000+ is very similar to mounting a SuperDish. This include the use of mast stabilizing struts.

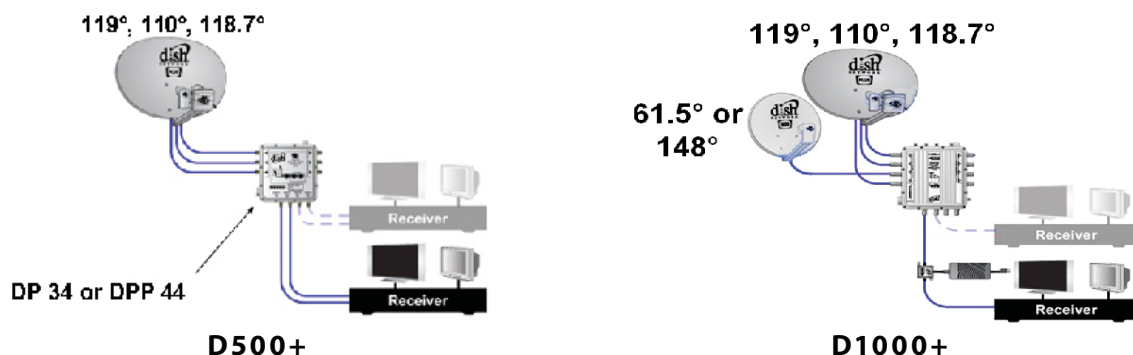
1. Locate center of stud using the stud finder
2. Place the foot plate on the wall and plumb with your level
3. Mark all 6 holes on the foot plate that need to be pre-drilled
4. Pre-drill each hole to 3/4 of the length of the lag screw (if drilling into wood)
5. Fill each hole approximately 3/4 full with sealant or with pitch patch
6. Install the 1/2" nut driver in your cordless drill, and set your drill to the drill torque setting and to the slow speed setting
7. Screw the lag screws into the holes and tighten against the foot plate
8. Plumb the mast with your level
9. Using a stud finder, locate nearby studs to secure the struts to create a tripod pattern.
10. Mark the holes in the strut footplates to be drilled
11. Drill hole to 3/4 of the length of the lag
12. Fill holes 3/4 full of silicone sealant
13. Then screw the lags into the holes and tighten against the strut footplates.
14. Make sure the mast is plumb after installing the struts.

PEAKING & DOWNLOADING

Connect your meter to the Dual Band LNBF port labeled "2D". The "D" stands for the DBS which is the 119W orbital location. The other Dual Band LNBF port is labeled "1F". The "F" stands for FSS or Fixed Service Satellite which is the 118.7W location. Both the DISH 500+ and DISH 1000+ peak off of 119W.

If you are not using a meter to peak the dish, connect the 119 port "2D" to port 1 on the switch and run the feeds from the switch to the receiver. Downloading software is the same as any other dish. Remember that you may not see 118.7W until the receiver is downloaded.

INSTALLATIONS



CONSIDERATION

- The LNBFs are DISH Pro NOT DISH Pro Plus.
- The following Legacy receivers will not have 118.7° or 129° software support: Models 1000, 2000, 3000, 4000, 5000, JVC-DVHS (IRR) and DishPlayer 7100/7200.
- Models 2800, 6000 and 721 may display the 118.7° orbital location in the Point Dish and Installation Summary screens as "119K". Other receivers will display the 118.7° orbital location as "118" in these screens.
- The peaking angles used for pointing a DISH 1000+ are slightly different than the DISH 500+. Ensure that the correct angles from the Installation Instructions are used.