Setting up the DirecTV Antennas with the 2 inch OD Post

Unless you have a meter that can isolate satellites the next steps will require two people. You may want to use cell phones or 2-way radios because one person needs to be able to view the TV screen and relay information to the other person at the stand.

On the control unit start with
Menu… Setup… Satellite… Repeat setup… '5 LNB Muliti-Sat dish'…
Enter the local zip code.

Record the Azimuth, Elevation, and Skew or Tilt settings for later uses.

Azimuth _____ Elevation _____ Skew/Tilt _____

Having a clear line of sight is very important. If you have any question, use the Line Of Sight Tool.

1. Without the dish, set up the stand so that it is on a magnetic north alignment.

2. On the dish, loosen the lockdown nuts for the elevation. Set the elevation on the dish mount moving the gauge to the elevation that was recorded above. Tighten only the lockdown nut that holds the adjustment rod leaving the other two bolts loose.

3. Set the tilt by loosening the three bolts that hold the tilt adjustment to the dish. Set the tilt to the setting recorded above. Snug the adjustment bolts.

4. Insert the mast/post with the dish antenna into the stand.

5. Align the base of the mast to the azimuth setting that was recorded above. Use the base locking knob to lock the mast to that azimuth reading.

6. Now adjust the mast to be plumb. Using the threaded legs, adjust the built-in levels so that the bubble is centered on both levels.

7. Connect the RG6 cable to the satellite input of your network provider's receiver.

8. Select the 101 satellite with an odd number transponder. Select 'Signal Meters'.

9. You should have a signal. Loosen the azimuth lock nut and slowly move the antenna left and/or right until you have the highest signal strength. Tighten the azimuth lock nut.

10. Pull on the top of the dish antenna. If the signal strength increases you will need to tighten the fine elevation screw. If it decreases, loosen the fine elevation screw.

11. Using a ½ inch socket, check to be sure the lockdown nuts for the elevation are still loose. Now increase or decrease the fine elevation screw. Stop when you have the strongest signal. Tighten the elevation lockdown nuts.

12. To fine tune the tilt, change the satellite to 119. Slightly loosen the tilt lockdown nuts. Slowly rotate the dish left or right to get the strongest signal. Carefully retighten the tilt lockdown nuts.

Note: If the azimuth is more than 2 degrees different from the azimuth for this zip code, keep track of the number of degrees plus or minus. Record this for the next few times you set up the dish, if there is a pattern of x degrees different you may want to move the dish clamp on the pole by the number of x degrees.

If it only happens a few times or does not have a pattern then it is just magnetic interference to the compass caused by being near metal. This can be caused by surrounding cars, trucks, or motor homes.