APPLIED INSTRUMENTS

Application Note
03/10/2010

Installing a Dish Network **Dish Pro Plus Twin (119 & 110)** system with the Super Buddy™ satellite meter

Connections: Output port of Dish Pro Plus twin LNBF connected to top (SIGNAL IN) port of Super Buddy meter with coax cable.

Meter set-up
Press the **SYST** System soft-key (located near top left corner of LCD screen) to enter the System Setup menu. Then select the following:

- REGION   your geographic region
- SERVICE   **Dish Network**
- SYSTEM   **Dish Pro Plus**
- LNB MODEL   **DP Plus/Twin**
- SWITCH TYPE   **DpPlus**

*To make selections, arrow up or down to the item to change and press **Enter**, then arrow up or down to the desired option and press **Enter**. Press **EXIT** or **DONE** to return to Run Mode*

Antenna Pointing

Install the mast plumb, preset the antenna vertical angle and tilt/skew, mount to mast and grossly align azimuth. You may want to use the ZIP zip code look-up feature to obtain rough antenna settings (magnetic compass heading, elevation, and tilt/skew).

After completing the System Setup:
1) Press DONE or EXIT to return to the main Run screen.
2) Adjust the tilt/skew of the dish based on the parameters provided by the Super Buddy's zip code lookup feature (ZIP soft-key on main Run screen).
3) Connect a coax jumper cable from the top (Signal-In) port of your Super Buddy meter to the LNBF output port.
4) Press the LNB soft-key to apply power to the LNB. LNB1 is for the 119 satellite. Adjust the azimuth and elevation of the dish to maximize the signal level (left bar graph), signal quality (right bar graph), and LOCK on the 119 satellite.
5) Press the ID soft key to verify the satellite. "ID VERIFIED" means you are pointed correctly at the 119 satellite. If ID fails, press SCAN soft-key and Super Buddy will find the satellite you are aimed at.
6) Then press the LNB soft-key a 2nd time. LNB2 is for the 110 satellite. Adjust the tilt/skew of the dish to maximize the signal level (left bar graph), signal quality (right bar graph), and LOCK on the 119 satellite. You may also have to slightly adjust the azimuth and elevation of the dish.
7) Press the ID soft key to verify the satellite. "ID VERIFIED" means you are pointed correctly at the 110 satellite. If ID fails, press SCAN soft-key and Super Buddy will find the satellite you are aimed at.

This will ensure good signal reception from both the 119 & 110 satellites if your pole is plumb.

Other Notes:

-It is NOT recommended to keep Super Buddy meter in line while checking receiver status due to attenuation from our circuitry.

Please ensure that you have the latest versions of North American Field Guide, Software, and USA Zip Codes loaded into your meter. If your meter has older versions loaded, please use the FlashUpdate program to update your meter, as described in the Operations Manual.