



## Application Note

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### Installing Dish Network Dish 1000.4 West with Super Buddy™ satellite meter

**Connections:** Output port of Dish 1000.4 West LNBF connected to top (SIGNAL IN) port of Super Buddy satellite 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 1000.4 West**
- LNB MODEL             **1000.4 West** or other as applicable if using a wing dish
- SWITCH TYPE          defaults to **DpPlusV** (assuming you'll be connected directly from top Signal In port of meter to LNBF output port)

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

After completing the System Setup:

- 1) Press DONE or EXIT to return to the main Run screen.
- 2) Preset the elevation and 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 a LNBF output port.
- 4) Press the LNB power soft-key to apply power to the LNB and toggle to LNB1 (119°W). 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 desired satellite.
- 5) Press the ID soft key to verify the satellite. "ID VERIFIED" means you are pointed correctly at the desired satellite. If ID fails, press SCAN soft-key and Super Buddy will find the satellite you are aimed at.
- 6) If desired, you may use Up/Down arrows to scroll through transponders to check for proper level and quality.
- 7) Press LNB power soft-key to toggle to LNB2 (110°W). Fine tune azimuth, elevation and skew of dish to maximize signal level (left bar graph) and signal quality (right bar graph), and achieve LOCK.
- 8) Press ID soft-key to verify ID of 110°W satellite.
- 9) Press LNB power soft-key to toggle to LNB3 (129°W). Fine tune azimuth, elevation and skew of dish to maximize signal level (left bar graph) and signal quality (right bar graph), and achieve LOCK.
- 10) Press ID soft-key to verify ID of 129°W satellite.

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, DishLimits, 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](#).