



Application Note

11/23/2009

Installing DIRECTV WorldDIRECT 101° & 95° Internationals with Super Buddy™ satellite meter

Dish Type: 36" wide oval shape DIRECTV WorldDIRECT International dish
Related LNBFs: linear LNBF for 95W satellite and circular LNBF for 101W satellite

First, set the rough azimuth (actually magnetic heading) and elevation of the dish according to the zip code lookup on the Super Buddy meter for the 101W satellite since that LNBF is located in the center of the dish. You must first set the meter's System Setup for DIRECTV 101 Single Sat, as reflected below. Then press the ZIP soft key to obtain the necessary values for magnetic (compass heading) and elevation.

Connections: Circular LNBF (most likely Eagle Aspen model DTV32+) connected to Super Buddy top Signal In port with coax cable

Meter set-up:

Push the **SYST** System soft-key to select the following:

- REGION your geographic region
- SERVICE **DIRECTV**
- SYSTEM **Single Sats**
- LNB MODEL **Single Sat 101**
- SWITCH TYPE defaults to **none**

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

Run Mode:

- Use the LNB soft-key to power the LNB. The orbital slot will be noted in upper left corner of display

Antenna Pointing:

After selecting the 101W satellite and pressing the **LNB** soft-key to power the LNB:

- Adjust the azimuth and elevation of the dish to maximize signal level (left bar graph), signal quality (right bar graph), and to obtain LOCK on the 101W satellite
- Press the **ID** soft-key to verify the satellite. "ID VERIFIED" means you are pointed correctly.
- If ID fails, press **SCAN** soft-key and Super Buddy will find the satellite you are aimed at.
- Use Up/Down arrows to scroll through transponders to check for proper level and quality.

Then, you must change the meter's System Setup for DIRECTV 95 International.

Meter set-up:

Push the **SYST** System soft-key to select the following:

- REGION your geographic region
- SERVICE **DIRECTV**
- SYSTEM **Single Sats**
- LNB MODEL **Intl 95**
- SWITCH TYPE defaults to **none**

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

Connections: Linear LNBF (most likely Eagle Aspen model P170KU) connected to Super Buddy with coax cable

Run Mode:

- Use the LNB soft-key to power the LNB. The orbital slot will be noted in upper left corner of display

Antenna Pointing:

After selecting the 95W satellite and pressing the **LNB** soft-key to power the LNB:

- Adjust the tilt (skew) of the dish to maximize signal level (left bar graph), signal quality (right bar graph), and to obtain LOCK on the 95W satellite
- Press the **ID** soft-key to verify the satellite. "ID VERIFIED" means you are pointed correctly.
- IF ID fails, press **SCAN** soft-key and Super Buddy will find the satellite you are aimed at.
- Use Up/Down arrows to scroll through transponders to check for proper level and quality.

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](#).