



Application Note

11/23/2009

Installing DIRECTV 95° International with Super Buddy™ satellite meter

Connections: Linear LNB (possibly Eagle Aspen model P170KU) 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 **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*

Antenna Pointing

Install the mast plumb, preset the antenna vertical angle, 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 polarization offset).

- Ensure that you have selected the 95W Galaxy 3C satellite. Use left / right arrow keys to select the desired satellite (orbital position displayed in upper left).
- Press the **ZIP** zip code soft-key (located in bottom left of LCD screen), type in the local zip code, and press **ENTER**. Approximate antenna settings will be displayed. Press **EXIT** soft-key to return to the main Run screen.

Run Mode

- Press **LNB** soft-key (located on middle right side of LCD screen) to power the LNB.

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

- Adjust antenna azimuth and elevation to obtain maximum signal level (left bar graph), signal quality (right bar graph), and LOCK status.
- Rotate the LNB and feed horn assembly (adjusting the polarity offset) to maximize signal level and quality.
- Press the **ID** soft-key to verify the satellite. "ID VERIFIED" means you are pointed correctly.
- If "ID FAILED" is displayed, press **SCAN** soft-key and Super Buddy will find which satellite you are aimed at.
- If desired, you may also use Up/Down arrow keys to scroll through other 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](#).