APPLIED INSTRUMENTS

Application Note
11/15/2010

Installing **Globecast World TV** with Super Buddy™ satellite meter

Connections: Connect the LNB to the top port (SIGNAL IN) 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   **Generic Ku Band**
- SYSTEM   **H/V Dual Pol LNBF**
- LNB MODEL   **Std N.Am Ku 10.75**
- SWITCH TYPE   defaults to **none**

*To make selections, press up/down arrow keys to select the item to change 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.
- Press the left / right arrow keys to select the desired satellite (orbital position displayed in upper left corner of LCD screen). Scroll to the 97W Galaxy 19 satellite.
- Press the **ZIP** zip code soft-key, type in the local zip code using the numeric keypad, 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 the antenna's azimuth and elevation to obtain maximum signal level (left bar graph), signal quality (right bar graph), and LOCK status.
- Rotate the LNBF (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 at the desired satellite.
- 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 signal 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.