

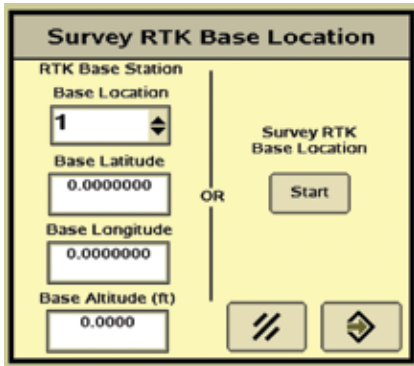
GreenStar™ 2 450 MHz Base Station QUICK REFERENCE GUIDE

Basic RTK Base Operation

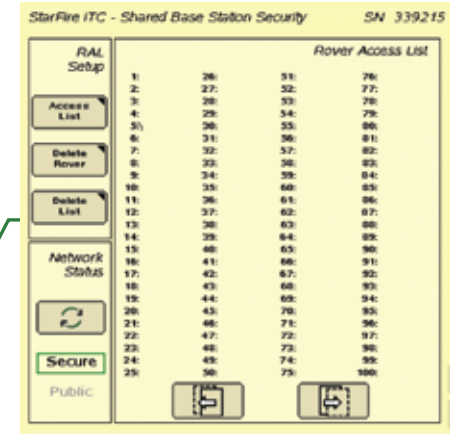
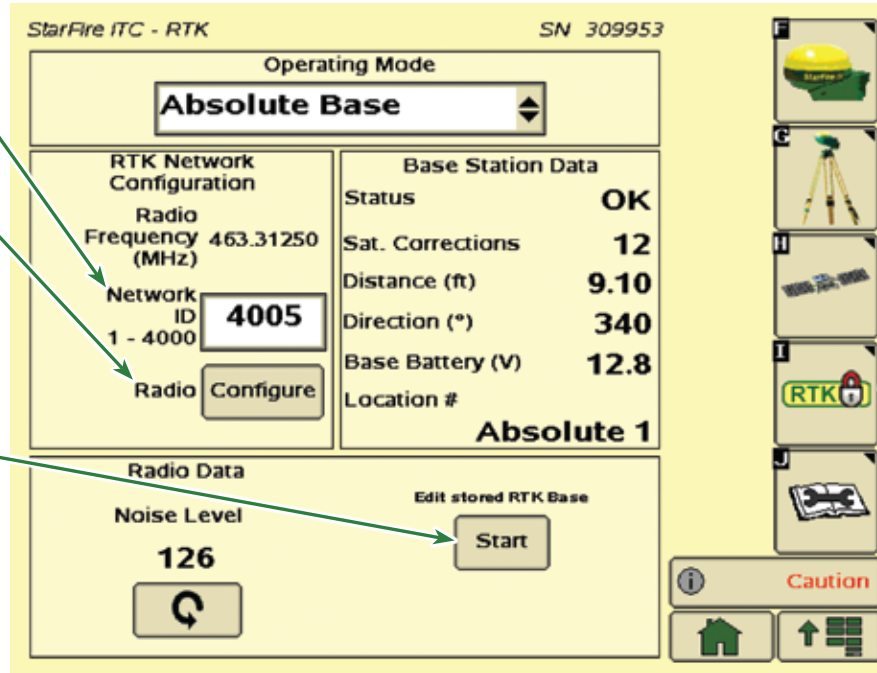
Set base to Absolute or Quick Survey to transmit RTK base corrections.

RTK Network ID 1-4000: Unsecure.
4001-4090: Secure.

Ensure radio settings comply with site license.



Enter base coordinates or start 24-hr survey.



Rover Access List (RAL) controlled in the same way as 900 MHz.

Amplifier Diagnostic LEDs

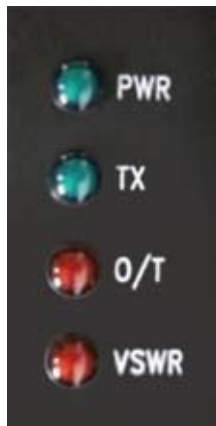
Successful start-up results in only the PWR LED on. Any red LEDs after start-up indicate an error.

PWR LED:
Amplifier has DC power.

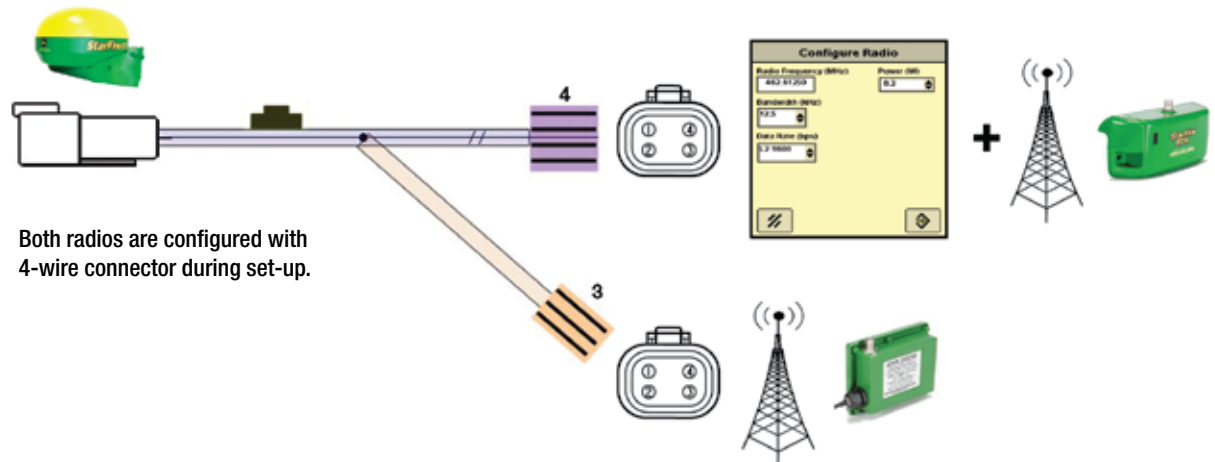
TX LED:
Signal being amplified and transmitted.

O/T LED:
Amp is overheating.

VSWR LED:
Antenna path is faulty.



Dual Radio Base Harness



Both radios are configured with 4-wire connector during set-up.

GreenStar™ 2 450 MHz Vehicle QUICK REFERENCE GUIDE

450 MHz RTK Setup

1. Select Menu button.



2. StarFire iTC button.



3. RTK button.



4. Configure button.



5. Set frequency, bandwidth and data rate. Must match base settings whether dealer or customer license.

Basic Vehicle Operation

- 1. Using corrections from base.
- 2. Check GPS satellite status.
- 3. Radio communication is linked if serial number shown.
- 4. RTK base name.
- 5. Radio receiving communication.
- 6. Configure radio.
- 7. Frequency and Network ID must match base.
- 8. Set to Vehicle.

Radio diagnostic LEDs



450 RTK	Base Station (TX)	Vehicle (RX)
Searching	Master does not search. See Linked and Master Transmitting.	<input checked="" type="checkbox"/> Solid Red <input type="checkbox"/> Off <input type="checkbox"/> Slow Blinking Red
Linked and Master Transmitting	<input checked="" type="checkbox"/> Solid Red <input type="checkbox"/> Fast Blinking Red <input type="checkbox"/> Off	<input checked="" type="checkbox"/> Solid Green <input type="checkbox"/> Off <input type="checkbox"/> Solid Red
Configuring	<input checked="" type="checkbox"/> Solid Green <input checked="" type="checkbox"/> Solid Green <input checked="" type="checkbox"/> Solid Green	<input checked="" type="checkbox"/> Solid Green <input checked="" type="checkbox"/> Solid Green <input checked="" type="checkbox"/> Solid Green

Verify 450 MHz Antenna

