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StarLink™ Communicator
Signal Strength Tester
Operating Instructions

WI2584LF 3/23

The StarLink™ Signal Strength Tester allows you to perform a site survey test of the premises to find the optimum installation locations for your StarLink™ alarm capture communicator. Four different models are available, the **SLE-LTEV-SS** and **SLE-LTEV-SS-CF** (LTE Verizon cellular network); **SLE-LTEA-SS** and **SLE-LTEA-SS-CF** (LTE AT&T cellular network). For more information, visit tech.napcosecurity.com to download PDF files of all needed documentation.

SPECIFICATIONS

Battery Pack: 12V, 3000mAh
Note: Unit must be **ON** when charging battery
Battery Life Indicator: Five (5) small green LEDs display the real time percentage of remaining battery power. The unit may be charged at any time but we recommend recharging the pack, before use, when only one LED is lit
Typical Battery Life: About 25 hours of continuous use after a full charge
Battery Charger: 12.6V / 0.5A wall plug adapter. Red LED lights when charging; green LED lights when charging process completes
Dimensions (WxHxD)**:** 8x5$^{29}/_{64}$ x 1½" (20.3 x 13.9 x 3.8cm)
Operating Temperature: 0° - 49°C (32° - 120°F)
Humidity: Maximum 93% Non-Condensing
Indoor / dry location use only

OPERATION

1. Power on (press "**I**" on the Power Switch).
2. Wait 1-2 minutes for unit to enter "**Standby Mode**" with LEDs indicating:
   - Top Red LED flashes, then turns off
   - Right Green LED flashes
   - Yellow LED momentary flashes
3. Place unit in potential installation location.
4. Wait 2 minutes.
5. Count the right Green LED flashes (**acceptable power level is greater than or equal to 2 blinks**).
   - If moving location, go to step 4.
   - If the top Red LED blinks or turns on solid, you MUST go to step 2. If step 2 LED flashes do not occur, signal is likely too weak (try a different location).

Power off when not in use and when charging. After powering off, wait at least 30 seconds before powering on.

LED DESCRIPTIONS

There are five (5) LEDs on the front of the unit:

Green RF Signal Strength LED: Every 30 seconds, the StarLink communicator receiver turns on and listens to the cell tower. Depending on the signal strength detected, this LED will blink from 1 to 5 times at a constant rate (with a short delay between blink cycles) to provide a signal strength indicator that is updated constantly and is always displayed.

- **Acceptable power level is greater than or equal to 2 blinks.**

IMPORTANT: The green **Signal Strength** LED will provide a valid reading *only* when the red **Diagnostic** LED is NOT lit (blinking or solid) and the yellow **Status** LED is not on solid.

Red Diagnostic LED: Labeled "**D7**" on the PCB, this LED will light and flash when the unit is powered (see **OPERATION**, above). One blink indicates a weak or non-existent signal from the network (green **RF Signal Strength** LED is off).

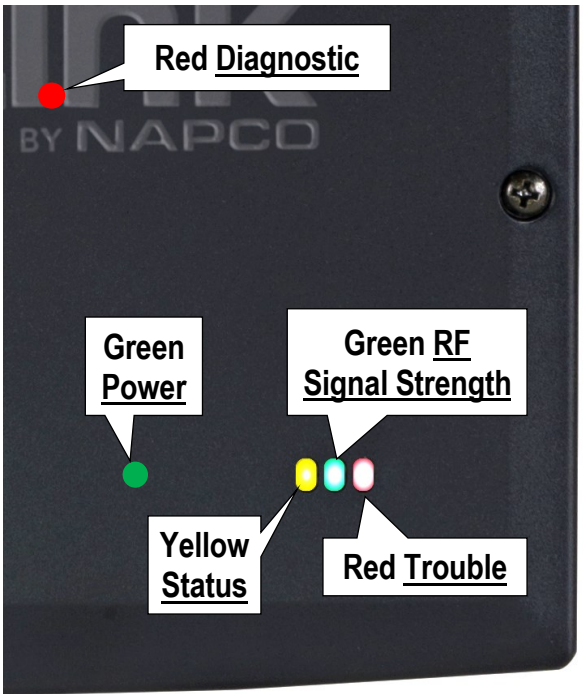
Green Power LED: When lit, the unit is powered on. **Note:** To maximize battery life, press the "**O**" on the side switch to power off when not in use.

Yellow Status LED: When the unit is first powered, this LED will turn on solid for a few seconds, flash, remain on solid again and then turn off. After a connection to the cell tower is made and the unit is in a normal standby condition, it will then blink momentarily every 10 seconds.

Red Trouble LED: This LED will blink as follows:

- **1 Blink:** Low Aux Power input voltage
- **2 Blinks:** Battery trouble
- **3 Blinks:** Alarm report Failed to Communicate
- **4 Blinks:** RF trouble (antenna connection or cellular registration)
- **5 Blinks:** Network trouble (signal unable to reach the SLE Control Center)
- **6 Blinks:** Unit disabled (reporting or control panel downloading not allowed)
- **7 Blinks:** Unit was shut down and has no functionality; requires a restart (full power down and full power up sequence) to restore operation

(continued)



Front LED Descriptions

- **8 Blinks:** Telco Line Cut (this is not the DACT interconnect to the communicator)

REAR POWER PACK

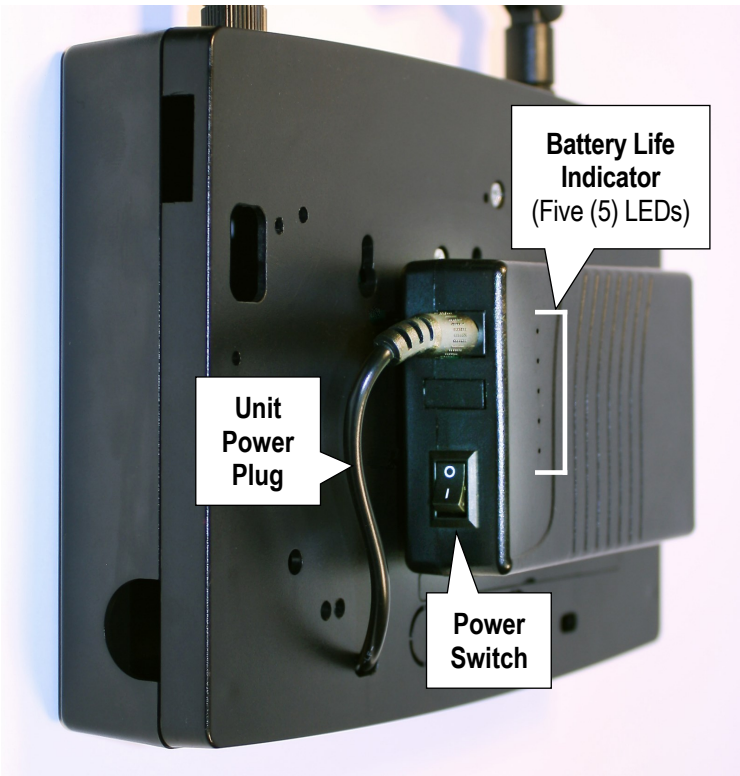
The power pack has a Power Switch, a Power Charging Socket and Battery Life Indicator LEDs:

- **Power Switch:** To power the unit, insert the Unit Power Plug into the Power Charging Socket and press the "**I**" on the Power Switch to turn the power pack **ON**. Power Switch must be switched **ON** for every use of the unit and remain untouched during use. To power **OFF** the unit, press the "**O**" on the Power Switch when not in use.
- **Power Charging Socket:** When the battery pack is low, insert the 12.6V / 0.5A charger into a standard unswitched 120VAC wall outlet, then insert the charger plug into the Power Charging Socket and press the "**I**" on the side of the Power Switch (**ON**).

  *Power Switch MUST BE switched **ON** to properly charge the battery.*

  Typical charging time of a fully depleted battery is 6 hours. *After charge is complete, remove charger plug*.
- **Battery Life Indicator LEDs:** See **SPECIFICATIONS**.

BATTERY PACK CAUTION: Risk of fire and burns; do not open, bend, crush, drop, damage, heat above 65°C or incinerate. If damaged, battery pack may release toxic materials. Dispose of at a designated facility.



Power Switch and Rear Power Pack

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NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

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