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StarLink™ Communicator Signal Strength Tester Operating Instructions



WI2346ALF 6/20

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: Standard USB 5V 10000mAh

Note: Unit must be off when charging battery.

Battery Life Indicator: Four (4) small blue LEDs display the real-time percentage of remaining battery power (recharge when one LED is lit)

Typical Battery Life: About 23 hours of continuous use after a full charge

Battery Charger: 5V/2A wall plug adapter

Dimensions (W x H x D): 8 x 5-²⁹/₆₄ x 1-¹/₂" (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 "—" on the rocker 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.

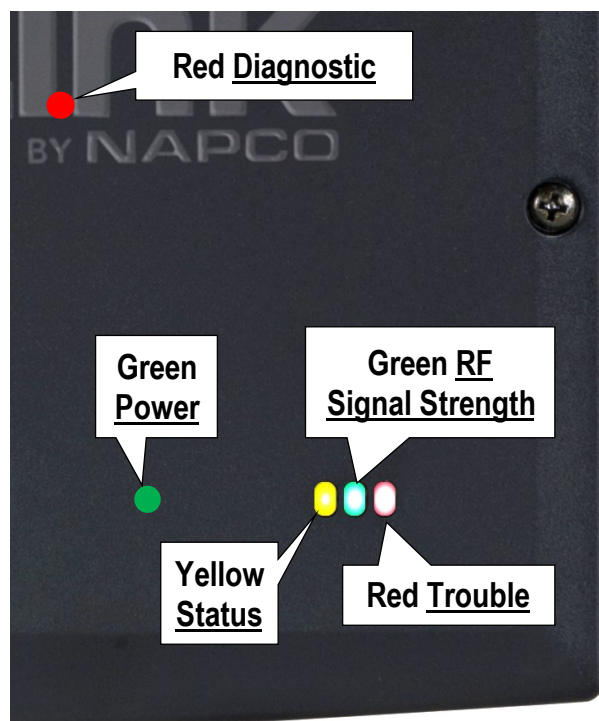
Red Diagnostic LED: Labeled "D7" on the PCB, this LED will light and flash when the unit is powered (see **OPERATION**, above). One blink indicates a weak or non-existent signal from the network (green **RF Signal Strength** LED is off).

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)



Front LED Descriptions

downloading not allowed)

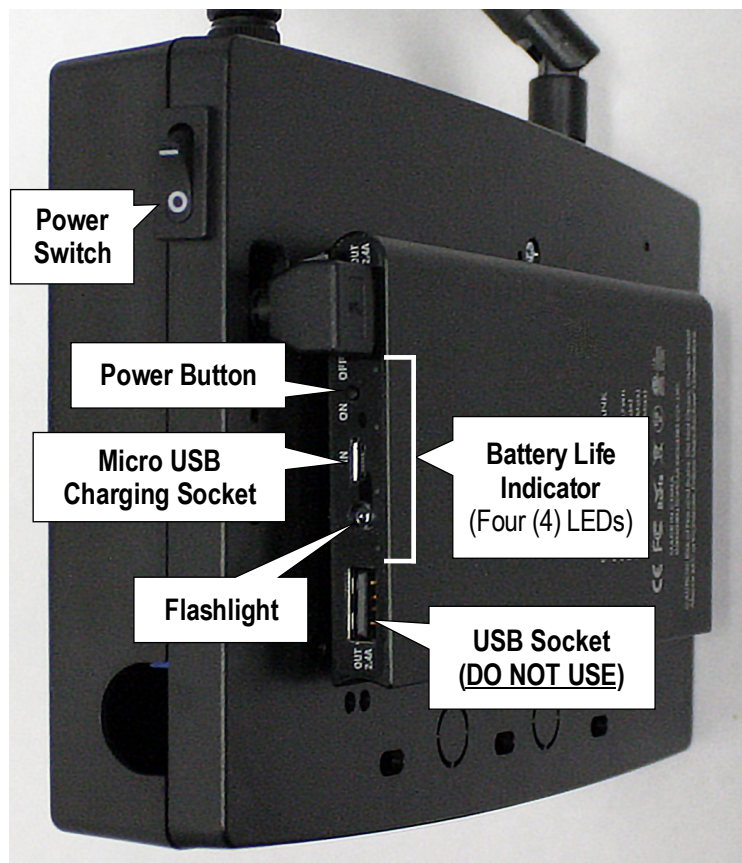
- **7 Blinks:** Unit was shut down and has no functionality; requires a restart (full power down and full power up sequence) to restore operation
- **8 Blinks:** Telco Line Cut (this is not the DACT interconnect to the communicator)

REAR POWER PACK

The power pack has a button, two sockets, and LEDs:

- **Power Button:** The power switch for the power pack. This **Power Button** does not need to be used, and can remain untouched. If this button is pressed by mistake, the unit will turn on but will automatically turn off after about 10-15 seconds. If this button is pressed twice quickly, the LED ("**Flashlight**") will turn on indefinitely; to turn it off, press the button again twice quickly.
- **Micro USB Charging Socket:** When the battery pack is low, power off the unit (press the "O" on the side rocker switch) and insert the 5V/2A charger plug. Typical charging time is 5-8 hours if the battery is fully depleted and will automatically stop charging when full. **Unit MUST BE OFF to properly charge battery.**
- **Flashlight:** A Large LED. See the description of the power pack **Power Button**, above.
- **USB Socket:** Do not use.
- **Battery Life Indicator:** 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

NAPCO LIMITED WARRANTY

NAPCO SECURITY Technologies, INC. (NAPCO) warrants its products to be free from manufacturing defects in materials and workmanship for thirty-six months following the date of manufacture. NAPCO will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

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NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. NAPCO does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

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