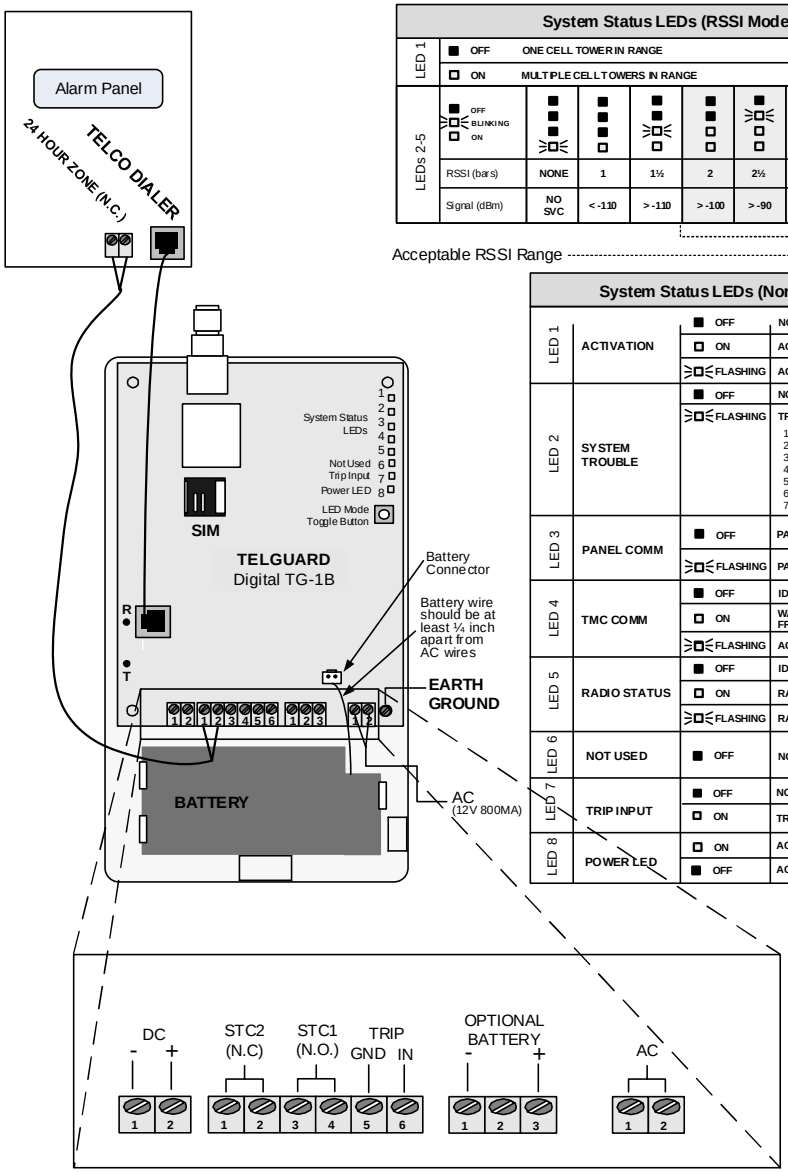
Telguard Digital Model TG-1B
QUICK INSTALLATION GUIDE



System Status LEDs (RSSI Mode)									
LED 1	■ OFF	ONE CELL TOWER IN RANGE							
	□ ON	MULTIPLE CELL TOWERS IN RANGE							
LEDs 2-5	■ OFF / BLINKING / □ ON	■ ■ ■ ■	■ ■ ■ □	■ ■ ■ □	■ ■ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	RSSI (bars)	NONE	1	1½	2	2½	3	3½	4
	Signal (dBm)	NO SVC	< -110	> -110	> -100	> -90	> -80	> -70	> -60

Acceptable RSSI Range

System Status LEDs (Normal Mode)			
LED 1	ACTIVATION	■ OFF	NOT ACTIVATED
		□ ON	ACTIVATED
		FLASHING	ACTIVATION DENIED
LED 2	SYSTEM TROUBLE	■ OFF	NO TROUBLE
		FLASHING	TROUBLE: 1 FLASH = AC LOW/MISSING 2 FLASH = LBC LOW BATTERY 3 FLASH = Not Used 4 FLASH = NSC NO SERVICE 5 FLASH = RFC RADIO FAILURE 6 FLASH = DTF DIAL TONE FAIL 7 FLASH = PPF PNL PRES FAIL
LED 3	PANEL COMM	■ OFF	PANEL DIALER ON-HOOK (IDLE)
		FLASHING	PANEL OFF-HOOK
LED 4	TMC COMM	■ OFF	IDLE
		□ ON	WAITING FOR RESPONSE FROM TMC
		FLASHING	ACTIVATION DENIED
LED 5	RADIO STATUS	■ OFF	IDLE
		□ ON	RADIO INITIALIZING
		FLASHING	RADIO COMMUNICATING
LED 6	NOT USED	■ OFF	NOT USED
LED 7	TRIP INPUT	■ OFF	NOT USED
		□ ON	TRIP INPUT ACTIVATED
LED 8	POWER LED	□ ON	AC CONNECTED TO UNIT
		■ OFF	AC NOT CONNECTED TO UNIT

Installation Summary

There are five steps in installing Telguard properly. **IF YOU DO NOT PROCEED IN THE ORDER AND MANNER PRESCRIBED, YOU MAY NOT COMPLETE THE INSTALLATION IN THE TIME ALLOCATED.**

STEP 1: REGISTER FOR TELGUARD SERVICE

The registration form may be completed online through our 24/7 dealer portal www.telguard.com.

STEP 2: LOCATE UNIT AND MEASURE SIGNAL STRENGTH (RSSI)

First, you will be confirming that Telguard has adequate cellular signal strength. Press the LED Mode Toggle button, LEDS will now indicate signal strength. Minimum recommended is 2 (2 LEDs on solid). The LED Mode will reset to normal automatically after 10 minutes or after pressing the LED Mode Toggle button again.

STEP 3: PROGRAM, ACTIVATE & TRANSMIT PANEL ALARMS OVER THE CELLULAR RADIO NETWORK

Next, connect the alarm panel's digital dialer output to Telguard and verify that alarm signals can be reliably sent over cellular to the central station digital receiver. A minimum of two alarm signals must be transmitted. Activation is confirmed when LED 1 is illuminated. The unit will automatically be reprogrammed as per the registration.

(NOTE: THE FIRST ALARM WILL ACTIVATE THE UNIT AT THE TELGUARD COMMUNICATION CENTER, IT WILL NOT GO TO THE CENTRAL STATION, ALL SIGNALS AFTER THE FIRST ARE SENT TO THE CENTRAL STATION)

STEP 4: CONNECT SUPERVISORY TRIP OUTPUTS

Next, you will wire Telguard's supervisory trip output to the alarm panel and then test.

STEP 5: CONNECT TRIP INPUT (OPTIONAL)

Optionally, you can wire an external relay input to the trip input lead and ground and test.

STEP 6: COMPLETE THE INSTALLATION

Your last step will be to attach earth ground, and permanently mount the unit.