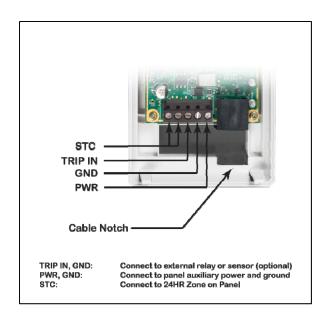
Programming Codes

1 Togramming Codes						
Mem Loc.	Field	Setting (default indicated in bold)				
851	STC Relay Output Reporting Normally Closed	Enter the SUM TOTAL of the events that you wish to trip the STC relay by ADDING the corresponding values: 00 = STC Relay Output Not Used 01 = LPF				
852	STC Trip Delay for NSC	1=30 seconds, 2=60 seconds 3=3 minutes 4=10 minutes 5=20 minutes 6=30 minutes 7=45 minutes 8=60 minutes 9=24 hours				
858	STC History	0 = terminate STC history display mode 1 = start STC history display mode 2 = clear STC history				
868	PPF Delay Timer	0 = disabled , 1 = 10 seconds, 2 = 20 seconds, 15 = 150 seconds				
873	Trip Input Reporting	<pre>0 = no report 1 = report trip</pre>				
874	Trip Input Restoral Reporting	0 = no report 1 = report restoral				
875	Trip Input Swinger Function	0 = swinger function disabled1 = swinger function enabled				
899	Factory Default Unit					

To Program the TG-1 Express:

- **1.** After the TG-1 Express is initialized, connect a POTS phone to the RJ-45 jack or lineman's butt set to the tip and ring turrets.
- **2.** Take the POTS phone off hook or put the butt set in talk mode. You should hear dial tone.
- 3. Dial ###*, and you should hear (2) beeps.
- 4. Dial #*, and you should hear (2) beeps.
- 5. Dial the POTS command number 8XX; you should hear one beep.
- 6. Enter the command data; you should hear (2) beeps.
- **7.** After the last POTS command, dial * and listen for (2) beeps. Then hang up to terminate the POTS programming session.

TG-1 Express Quick Install Guide



1

Register for Telguard Service

There are two ways to register the Telguard unit:

- 1. register online at www.telguardonline.com,
- 2. submit the online registration form at www.telguard.com,



Connect Dialer and Power to the TG-1 Express

Connect the alarm panel's dialer to the RJ-45 jack on the TG-1 Express. If using the Single Line Interface Cable (SLIC) for power, connect the RJ-45 cable's orange wire to the alarm panel's ground and its blue wire to the panel's auxiliary power. If using the terminal block, connect pins 4 and 5 to the panel's ground and power, respectively.

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Connect the Antenna and Place the Unit

Connect the antenna to the antenna port, and press the RSSI button on the side of the unit to put the LEDs into RSSI display mode. When you have found a location that provides 2 ½ bars or more (LEDs 4 and 5 solid, and LED 3 flashing or solid), install the mounting screws and attach the TG-1 Express to the mounting screws. Press the RSSI button again to return the LEDs to normal display mode.



3

Activate the TG-1 Express

The last step is to trigger an alarm from the panel to activate the TG-1 Express. Note that the first alarm will activate the TG-1 Express with the Telular Communication Center, and will **not** be sent to the central station.

Optional Steps



Configure and Connect the Supervisory Trip Output

If required, configure the relay output using a butt set or phone set, referencing the programming instructions on the back of this guide. By default, the relay will trip for any system trouble condition detected on the TG-1 Express. Connect the relay output (pins 1 and 2 on the terminal block) to a 24 hour zone on the alarm panel.



Configure and Connect the Trip Input

The trip input may be configured to provide supervision independent of the alarm panel, for applications such as external sensors and tamper protection. Configure the trip and restoral reporting (they are disabled by default) and the swinger setting using a butt set, and connect the trip input and ground terminals to the external sensor.

LED Indicators

LED Symbol	Color	Showing	Indication
	Green	Solid On	Unit is activated at the message center and enabled
LED #1 Activation		Off	Unit not activated at the message center
		Flashing	Unit is activated but disabled
	Red	Off	ALL OK
		1 Flash	STC – Low Power Failure
LED #2		2, 3 Flashes	N/A
STC (System Trouble		4 Flashes	STC – No Service Condition
Condition)		5 Flashes	STC – Radio Failure Condition
		6 Flashes	STC – Dial Tone Failure
		7 Flashes	STC – Panel Presence Failure
LED #3	Yellow	Flashing	Telguard TG-1 Express communicating with alarm panel
MODE		Off	Idle state
LED #4	Red	Flashing	When flashing with LED #1 unit has failed activation. CALL TELGUARD TECHNICAL SUPPORT
Acknow- ledgement		Off	TG-1 Express initialized
leagement		On	TG-1 Express is waiting for response from Telular Communication Center
LED #5	Green	Short Flash (1 sec)	Radio receiving message
Radio		Long Flash (2 sec)	Radio sending message
LED #7	Green	Solid On	Trip input activated
Trip Input		Off	Trip input not active or restored
LED #8 Power	Red	Solid On	Power connected to unit