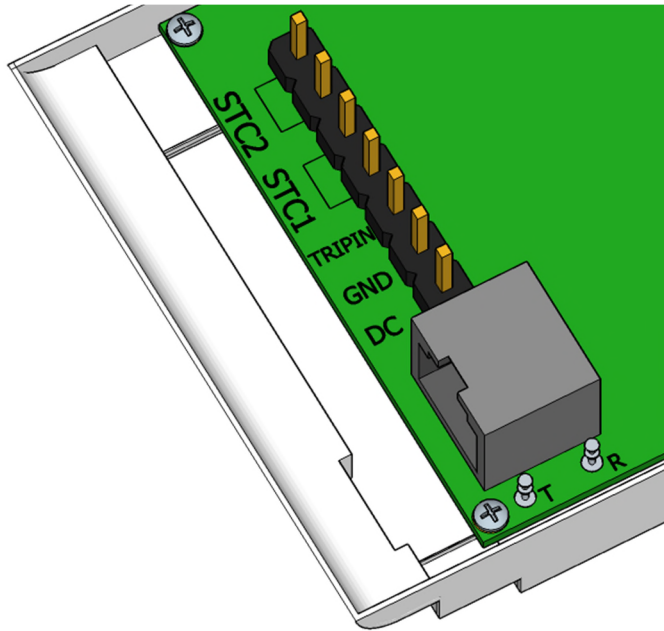


TG-1 Express Quick Install Guide



Pin	Description
STC2	Connect to 24-Hour N.C. Zone on panel for supervision.
STC1	Connect to 24-Hour N.O. Zone on panel for supervision
TRIPIN	Connect to external relay/sensor or to the panel for Home Control Flex.
DC	Connect to panel auxiliary power.
GND	Connect to panel auxiliary ground.

1 Register for Telguard Service

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

2 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 supplied 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 6 and 7 (labeled **GND** and **DC**) to the panel's ground and power, respectively.

3 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 bars or more (LEDs 4 and 5 solid) and more than 1 cellular tower (LED 1 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.

4 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 Telguard Communication Center, and will **not** be sent to the central station.

Optional Steps

A Configure and Connect Supervisory Trip Outputs

If required, configure the relay outputs by visiting www.telguard.com. By default, the relays will trip for any system trouble condition detected on the TG-1 Express. Connect the STC2 relay output to a 24 Hour N.C. Zone on the alarm panel for supervision. Connect the STC1 relay output to a 24-Hour N.O. Zone on the alarm panel for supervision.

B Configure and Connect 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 by visiting www.telguard.com.

HomeControl Flex

If enabling **HomeControl Flex**, STC2 will be repurposed as the Keyswitch relay and the Trip Input will be used to connect to the panel's output. STC1 will remain as the only trouble condition relay. To enable this feature and to find more information about HomeControlFlex wiring and programming, visit www.telguard.com.

For more detailed installation descriptions, please refer to the Telguard Installation and Operating Instructions available for download at www.Telguard.com

LED Indicators

LED Symbol	Color	Showing	Indication
LED #1 Activation	Green	Solid On	Unit is activated at the message center and enabled
		Off	Unit not activated at the message center
		Flashing	Unit is disabled or Activation Denied (if paired with LED 4)
LED #2 STC (System Trouble Condition)	Red	Off	ALL OK
		1 Flash	STC – Low Power Failure
		2, 3 Flashes	N/A
		4 Flashes	STC – No Service Condition
		5 Flashes	STC – Radio Failure Condition
		6 Flashes	STC – Dial Tone Failure
		7 Flashes	STC – Panel Presence Failure
LED #3 Panel Communication	Yellow	Flashing	TG-1 Express communicating with alarm panel
		Off	Idle state
LED #4 Acknowledgement	Red	Flashing	When flashing with LED #1 unit has failed activation. Press RSSI button twice and check Registration.
		Off	TG-1 Express initialized
		On	TG-1 Express is waiting for response from Telguard Communication Center
LED #5 Radio	Green	Off	Idle
		Flash	Indicates radio is receiving message
		Solid On	TG-1 Express initializing with cellular network
LED #7 Trip Input	Green	Solid On	Trip input activated
		Off	Trip input not active or restored
LED #8 Power	Red	Solid On	Power connected to unit