

System Status LEDs (Normal Mode)		
LED 1 ACTIVATION	■ OFF	NOT ACTIVATED
	□ ON	ACTIVATED
	⏏ FLASHING	ACTIVATION DENIED
LED 2 STC (SYSTEM TROUBLE CONDITION)	■ OFF	NO TROUBLE
	⏏ FLASHING	TROUBLE INDICATION(S): 1 FLASH = LOW/MISSING POWER SRC 2 FLASH = LOW BATTERY 3 FLASH = LAN FAILURE (SEE LED 6) 4 FLASH = NO SERVICE 5 FLASH = RADIO FAILURE 6 FLASH = DIAL TONE FAIL 7 FLASH = PANEL PRESENCE FAIL
LED 3 PANEL PATHWAY	■ OFF	IDLE / ON-HOOK
	⏏ FLASHING	IN USE
	⏏ FLASHING	SUPERVISED (2 FLASHES EVERY 6 SECONDS)
LED 4 DEVICE STATUS	■ OFF	IDLE
	□ ON	WAITING FOR COMM CENTER RESPONSE
	⏏ FLASHING	ACTIVATION DENIED
LED 5 COMMUNI- CATIONS	■ OFF	IDLE
	□ ON	INITIALIZING PATHWAYS
	⏏ FLASHING	SENDING/RECEIVING ACTIVITY
	⏏ FLASHING	LINK SUPERVISION ENABLED (2 FLASHES EVERY 6 SECONDS)
LED 6 LAN PATHWAY	■ OFF	NOT IN USE
	□ ON	LAN CONNECTED & OPERATIONAL
	⏏ FLASHING	LAN TROUBLE CONDITION: 1 FLASH = DISCONNECTED FROM LAN 2 FLASH = NETWORK NOT DETECTED 3 FLASH = COMM CENTER NOT REACHED 4 FLASH = NO COMM CTR ACKNOWLEDGE
	⏏ FLASHING	LAN INITIALIZING (1 FLASH EVERY 4 SECONDS)
LED 7 TRIP INPUT	■ OFF	NOT TRIPPED OR NOT IN USE
	□ ON	TRIPPED
LED 8 POWER	■ OFF	OFF OR USING BACKUP BATTERY
	□ ON	PANEL OR AC POWER CONNECTED

SUMMARY

There are seven steps in installing the communicator 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 THE COMMUNICATOR

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

STEP 2: LOCATE AND MOUNT COMMUNICATOR AND CONNECT POWER

Identify a location as far as possible from large metal objects and within convenient access to a router, switch, or other LAN port. Securely mount the unit. If a TG-PEM accessory will be used, follow its instructions to install it at this time. Next, make all power-related connections by using the provided plug-in AC transformer or the panel's DC auxiliary output.

STEP 3: DETERMINE BEST ANTENNA PLACEMENT

Attach the antenna and check the cellular signal quality by pressing and releasing the RSSI button. Ideally, you will have at least 2-1/2 bars as shown in the RSSI LED chart (2 bars is the *minimum* acceptable for dual path operation). If not, you may need an antenna accessory to place the antenna in a better location. Press and release the RSSI button again to end RSSI mode.

STEP 4: MAKE COMMUNICATIONS CONNECTIONS AND ACTIVATE

Connect the communicator to the alarm panel dialer via the black RJ-45 jack and to the premises LAN via the silver RJ-45 jack. Trip the alarm to activate the unit at the Telguard Communication Center. This first signal will not be sent to the Central Station, but subsequent alarms will. Following activation over the cellular connection, the LAN connection will automatically be verified.

STEP 5: CONNECT SUPERVISORY TRIP OUTPUTS

Wire Telguard's supervisory trip outputs to the alarm panel and then test.

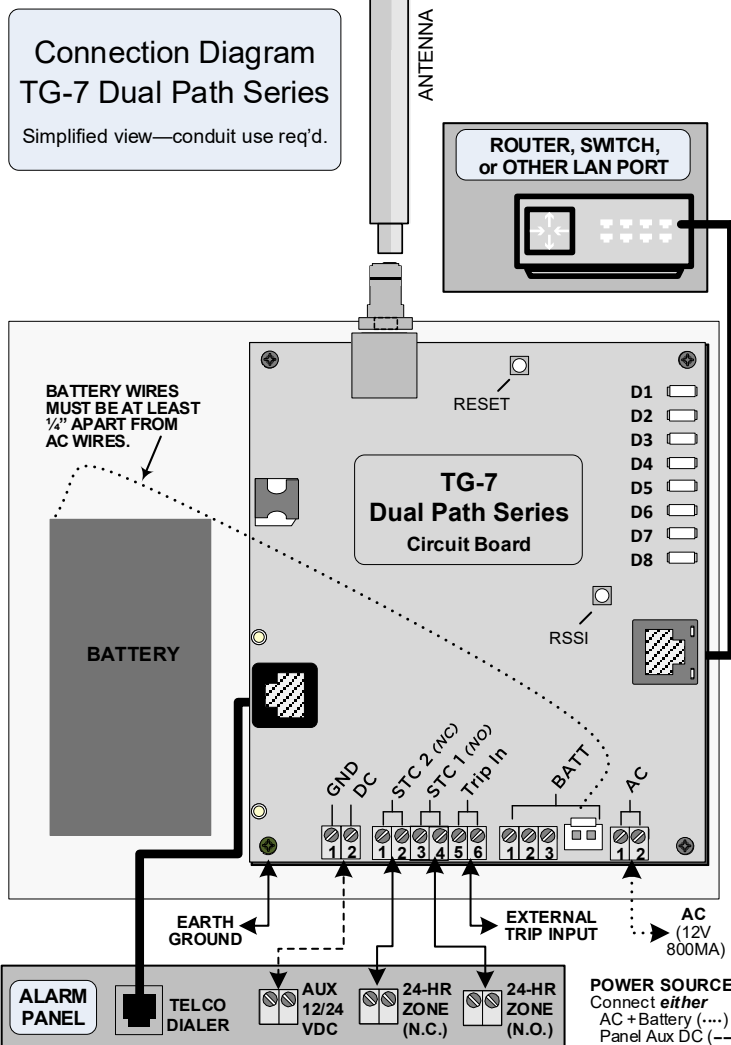
STEP 6: CONNECT TRIP INPUT (OPTIONAL)

If desired, wire an external relay input to the trip input lead and ground, and test.

STEP 7: COMPLETE TAMPER SWITCH (OPTIONAL)

For installations requiring a tamper switch (not supplied with all models), install it on the communicator enclosure and wire it directly to the alarm panel.

TG-7 Dual Path Series—Quick Install Guide



For more detailed information, consult the full Installation & Operations Manual for the TG-7 Dual Path Series, available at telguard.com/tg-7fe.

System Status LEDs (RSSI Mode)									
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

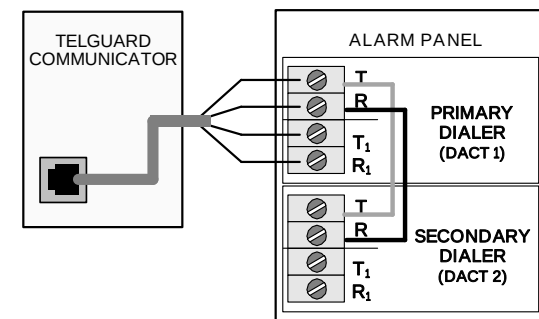
Acceptable RSSI Range*
*2-½ bar minimum in Sole Path mode

USING COMMUNICATOR IN CELLULAR ONLY MODE

The communicator is set to use LAN and Cellular pathways. If the LAN pathway will not be used, set the mode of operation to Cellular Only from the Telguard portal at www.telguard.com. Cellular Only is considered a Sole Path configuration, unless the alarm panel has an alternate connection (e.g., landline/POTS plugged into the secondary Telco port).

For Sole Path, you must configure Link Supervision using an appropriate interval and select a Sole Path monthly rate plan (when an alternate pathway is connected, skip these steps).

OPTIONAL CONNECTION (When secondary dialer cannot be disabled)



P/N 56052701—Rev B.1