

Quick Install Guide

Telguard TG-7FEM Universal Fire Communicator

Installation Summary

YOU MUST FOLLOW THESE SIX STEPS IN THE ORDER AND MANNER PRESCRIBED TO BE ABLE TO COMPLETE THE INSTALLATION. If using TG-PEM Accessory, follow those instructions before activating TG-7FEM.

STEP 1: REGISTER FOR TELGUARD SERVICE

Registration controls how the unit will be configured and should be completed in the dealer portal at portal.telguard.com

STEP 2: PHYSICALLY INSTALL THE TG-7FEM COMMUNICATOR

Identify a location with access to an Ethernet LAN connection and mount TG-7FEM. Attach the antenna before proceeding.

STEP 3: CONNECT TO POWER TO BEGIN CARRIER SELECTION

Make all power-related connections by using the provided plug-in AC transformer or the panel's DC auxiliary output (see diagram). Once powered, the communicator will begin the Carrier Selection Process (CSP) to determine the strongest carrier signal.

STEP 4: DETERMINE BEST ANTENNA PLACEMENT

While the CSP sets the TG-7FEM to the strongest carrier, antenna adjustments may improve the reception further. Measure the received signal strength by pressing and releasing the RSSI button, which switches the LEDs to signal strength mode.

STEP 5: MAKE COMMUNICATIONS CONNECTIONS AND ACTIVATE

Connect the panel DACT output to the black RJ-45 jack on the TG-7FEM and the premises LAN to the silver RJ-45 jack. Trigger an alarm signal from the alarm panel. LED 1 illuminates when the TG-7FEM activates.

NOTE: The first alarm will activate the TG-7FEM and will not be delivered to the central station. Signals after the unit is active will be sent to the central station.

STEP 6: CONNECT SUPERVISORY TRIP OUTPUTS

Wire the supervisory trip outputs (STC) to the alarm panel and test.

OPTIONAL CONNECTIONS

TRIP INPUT: Wire an external relay to trip input terminals and test.

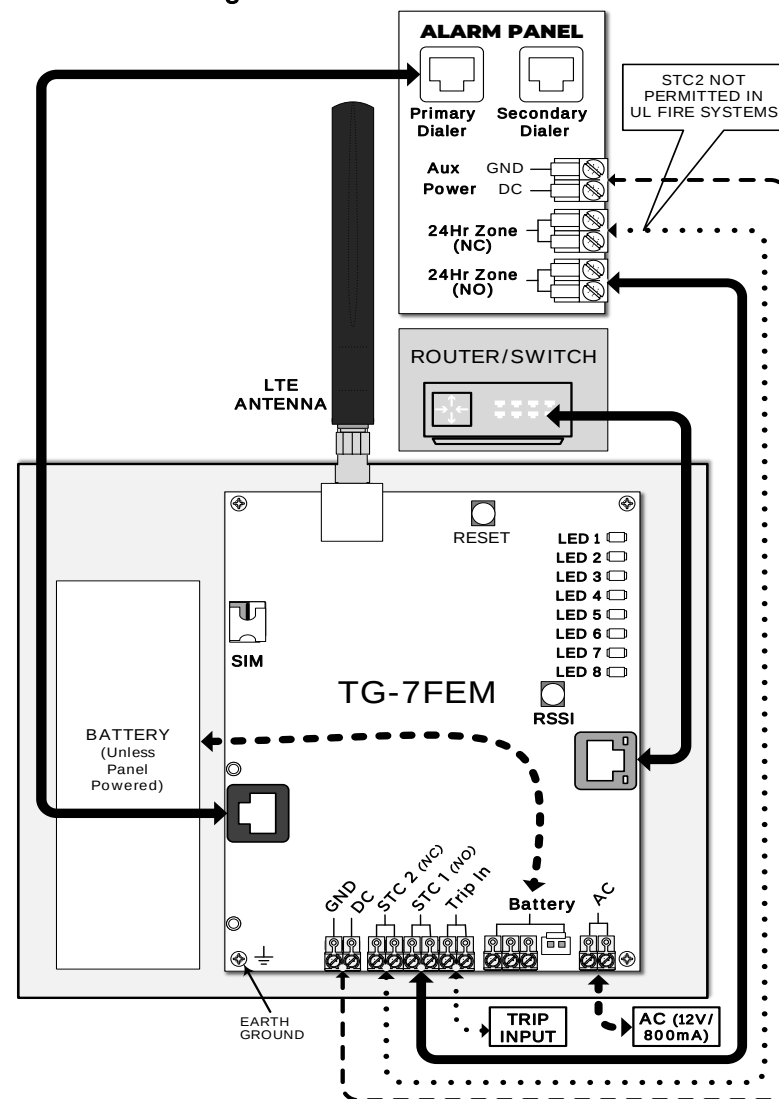
TG-PEM Accessory: Follow instructions provided.

TG-TAMPER Accessory: Wire tamper switch terminals to supervising zone on alarm panel and test.

For complete instructions, download the *Installation & Operation Guide* at telguard.com/tg-7fem (part 56055201 – Rev. A).



Connection Diagram



CAUTION: Incorrect connections can cause damage to the device.

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