

Quick Install Guide

Telguard TG-7FM Universal Fire Communicator

Installation Summary

IF YOU DO NOT FOLLOW THESE SIX STEPS IN THE ORDER AND MANNER PRESCRIBED, YOU MAY NOT COMPLETE THE INSTALLATION IN THE TIME ALLOCATED.

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-7FM COMMUNICATOR

Identify a location for the TG-7FM and mount it. Attach the antenna before proceeding.

STEP 3: CONNECT TO PANEL POWER FOR CARRIER SELECTION

Make a connection between the auxiliary DC power from the panel to the DC input on the TG-7FM (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-7FM 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: CONNECT TO PANEL DACT AND ACTIVATE

Connect the panel's DACT output to the RJ Jack on the TG-7FM. Trigger an alarm signal from the alarm panel. LED 1 illuminates when the TG-7FM activates.

NOTE: The first alarm will activate the TG-7FM 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

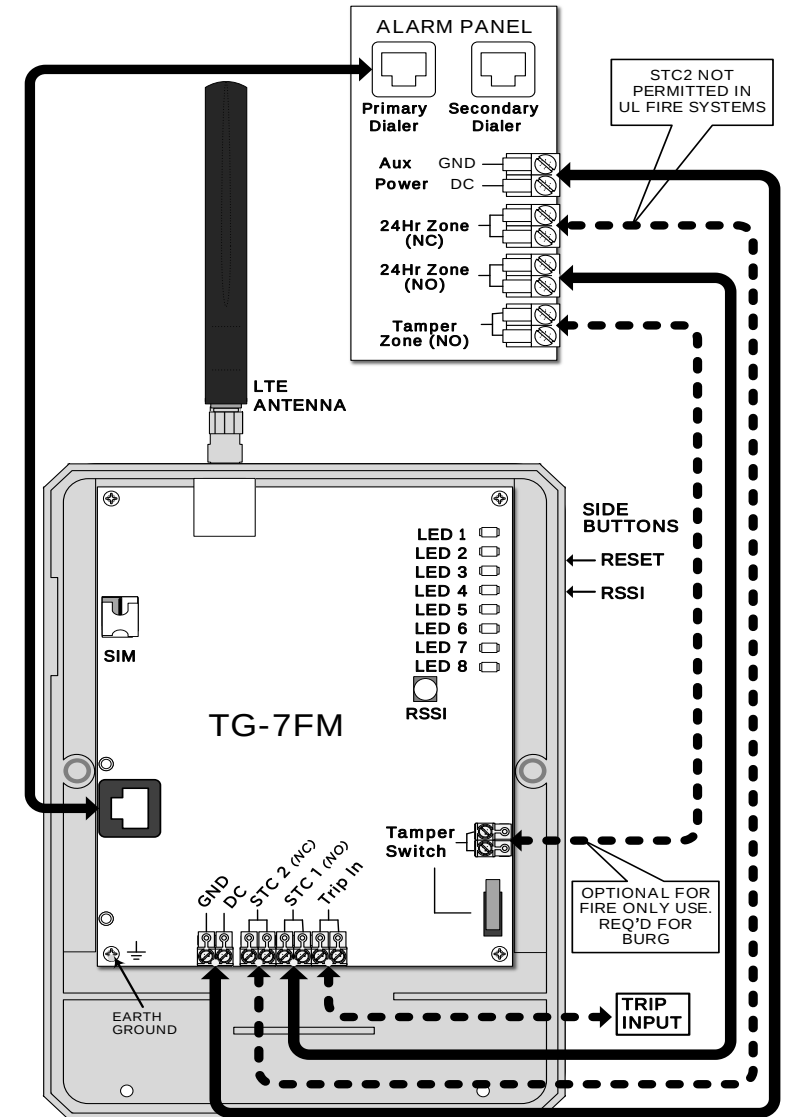
TRIP INPUT: Wire an external relay to trip input terminals and test.

TAMPER (Required for Burg Systems): Wire switch terminals on TG-7FM to supervising zone on alarm panel and test.

For complete instructions, download the *Installation & Operation Guide* at telguard.com/tg-7fm (part 56055101 – Rev. A).



Connection Diagram



CAUTION: Incorrect connections can cause damage to the device.

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56055001—Rev A.1

