

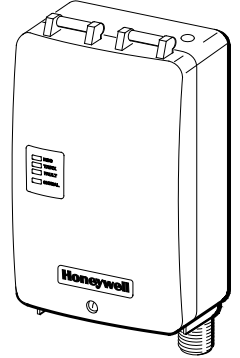
LTE-X Series Communicators – LTE-XV, LTE-XA, LTE-XC

Quick Installation Guide

(see LTE-X Series Installation and Setup Guide 800-23340 10/17.)

General Information

The LTE-X series Communicator easily connects to your security system's control panel and sends alarms and messages to AlarmNet for subsequent transfer to the central monitoring station. The communicator can be mounted directly on the control panel or remotely.



NOTE: This guide addresses a simple installation using default programming values where possible. For detailed information, refer to the [LTE-X Series Communicator Installation and Setup Guide](#). Due to Honeywell's continuing effort to improve our products, your device may look slightly different than pictured.

- The communicator requires an AlarmNet account. For new installations, please obtain the account information from the central station prior to programming the communicator.
- The communicator is for control panels that support ECP communications bus.
- The control panel treats the communicator as an ECP device, so ensure to program the control panel with the communicator's device address.
- The communicator is for indoor use only. Standby current is 25mA, and Transmit Current is 250mA.

REMOTE SERVICES

Honeywell offers secure web based services that enable users to remotely monitor and control their security system. These web services enable users to: monitor and control their security system from a website, receive email and text message notifications of system events, and use text messages to control the system and receive confirmations.

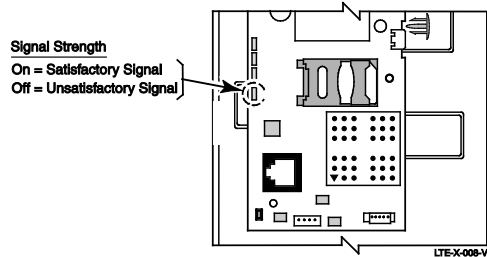
Dealers can enroll their customers for "Remote Services" by using the AlarmNet 360 website. Once enabled, the specific programming fields associated with these features can be programmed into the communications device either remotely using the AlarmNet 360 website or locally using the 7720P programming tool.

1. Mount and Wire the Communicator

SELECT A MOUNTING LOCATION

When choosing a suitable mounting location, understand that it must be mounted indoors, and for best signal strength it should be mounted vertically. Signal strength is very important for proper operation. For most installations, mounting the unit on the control panel provides adequate signal strength and we suggest that this method is tried first (especially if the control panel is not in a basement location or in an area that contains large metal objects).

If the control panel location does not provide adequate signal strength, then the communicator can be mounted remotely.



VERIFY SATISFACTORY SIGNAL STRENGTH

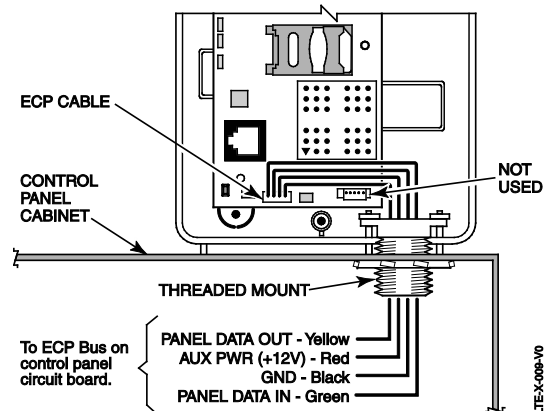
This procedure checks for satisfactory signal strength at the communicator. You can temporarily power the communicator from a 12V battery or from the control panel's AUX PWR terminals. In buildings where reception may be a problem, powering from a battery would allow the communicator to be portable. The following procedure assumes the control panel will be used for power.

1. Ensure power to the control panel (both AC and battery) is off. Open the enclosure and connect the ECP cable connector to the communicator. Connect the cable wires to the control's ECP terminals.
2. Turn power on and wait for the communicator to initialize*. Position the communicator near a suitable mounting position. Verify the Signal Strength LED (green) lights steady.
3. Verify the signal strength remains steady for a few minutes, then mark that mounting position. Turn power off.

* **Initial Power Up:** Upon initial power up, the communicator LEDs blink in repeated sequence from top to bottom indicating network initialization.
 Green (REG) → Yellow (TX/RX) → Red (FAULT) → Green (SIGNAL)
 This sequence may take up to 15 minutes. **Do not reset power during this time.**
 During the final stages of initialization, the Green REG LED lights solid while the Red FAULT LED lights solid on or flashes rapidly (if module not connected to the control panel ECP).
 When initialization is complete, Green SIGNAL LED lights solid (the yellow and red LEDs may also blink, per their respective functions).
 After initial network setup, subsequent resets or power ups can take up to 90 seconds.

MOUNT THE COMMUNICATOR ON THE CONTROL PANEL

1. Ensure power to the control panel (both AC and battery) is off, then remove a knockout on the top right.
2. Open the cover and remove the bottom knockout for the threaded mount. Remove the Hole Cap attached to the plastic, and snap it into the top of the enclosure.
3. Install the threaded mount so it snaps into the plastic retaining tabs. Mount the communicator in the cabinet's knockout, and fasten with the locking nut.
4. Connect the ECP cable to the communicator's circuit board and thread the wires through the threaded mounting adapter.



NOTE: Although mounting the communicator on the control panel is preferred, it may also be wall mounted. When wall mounting, please follow these guidelines:

- Use both mounting holes to fasten.
- Route the wiring through the communicator's rear or bottom wiring access hole.
- Ensure all wiring splices are located within the communicator's enclosure.
- Secure all wiring with ties as necessary.
- Follow the recommended wire gauge sizes.

Minimum Wire Gauge	Distance from Control Panel
#22	75 ft (23m)
#20	120 ft (37m)
#18	170 ft (52m)
#16	270 ft (82m)

2. Program and Register the Communicator

You can quickly program and register the communicator by using the AlarmNet 360 website, using the 7720P Programming Tool, or by phone.

In addition, after you program the communicator, you can register it by using the Test Message/Registration switch.

Using the AlarmNet 360 website to program and register:

1. Refer to the online help file to program the new device.
2. Register the communicator.
3. DONE.

Using the 7720P Programming Tool to program and register:

1. This procedure will program the communicator for basic control panel communications. For advanced features and remote services refer to the product's *Installation and Setup* guide.
2. Ensure the system is powered up and connect the programming tool to the communicator.
3. Accept all default settings except the following prompts which need to be answered. Then exit the programming mode.

PROMPTS	OPTIONS	DESCRIPTION
NOTE: Account information is provided by the central station. Enter this information in prompts 12, 13 and 14.		
11 Primary City ID (??)_	[01-99]	Enter the 2-digit primary city ID, 01-99 (decimal).
12 Primary CS ID (??)_	[01-FE]	Enter the 2-digit primary central station ID number, 01-FE (HEX).
13 Primary Sub ID (???)_	[0001-9999]	Enter the 4-digit subscriber account number, 0001-9999 (decimal).
18 Supervision (24 Hours)_	<ul style="list-style-type: none"> • 24 Hour • None • 30 Day 	Press the [space] key to scroll through choices. NOTE: Must be 24 hour for compliance agency.

4. The interactive registration feature allows the installer to register the communicator through a series of keyboard commands on the 7720P Programming Tool. This method of registration lets the installer monitor the registration process.

Registering ...

Once the programming is complete, press the [Shift] plus the up arrow [↑] key on the 7720P. The registration message is sent and the unit waits for the acknowledgment.

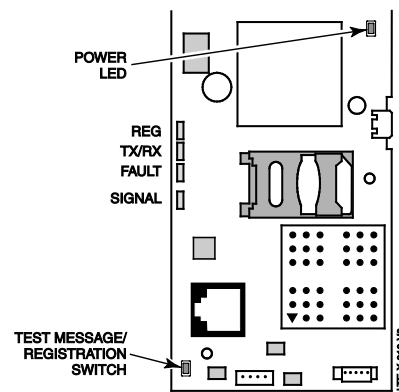
Registration SUCCESS

If this is a new installation and the city, central station, and customer numbers have been correctly entered, the communicator is registered and this message is displayed.

The communicator is now in full service and available for alarm reporting to the central station.

Using the Test Message / Registration switch to register:

After programming, initiate the registration sequence by clicking the Test Message / Registration switch three times.



Power LED Lit: Power has been supplied to the microcontroller

Using the Phone to program and register:

You can program and register the communicator by calling the AlarmNet Support at 1-800-222-6525 (Option 1). (Monday–Friday 8:00 am to 9:00 pm, Saturday 9:00 am to 5:30 pm EST) You will need the following information:

- MAC ID and CRC (located on the box and inside the communicator).
- Subscriber information (provided by the central station), including a city code, CSID, and subscriber ID.
- When Instructed to do so, triple click the TEST MESSAGE / REGISTRATION switch.

RF EXPOSURE

Warning – The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC and ISED multi-transmitter product procedures.

Mise en Garde

Exposition aux Fréquences Radio : La/les antenne(s) utilisée(s) pour cet émetteur doit/doivent être installée(s) à une distance de séparation d'au moins 20 cm (7,8 pouces) de toute personne et ne pas être située(s) ni fonctionner parallèlement à tout autre transmetteur ou antenne, excepté en conformité avec les procédures de produit multi transmetteur FCC et ISED.

Important Note About External Antennas

If an external cellular radio antenna is used, the antenna may be installed or replaced **ONLY** by a professional installer.

To the Installer

LTE-XV: The external antenna gain shall not exceed 6.94 dBi for 700 MHz, 6.00 dBi for 1700 MHz, 9.01 dBi for 1900 MHz
 LTE-XC, LTE-XA: The external antenna gain shall not exceed 6.63 dBi for 700MHz & 850MHz, 6 dBi for 1700MHz and 8.51 dBi for 1900MHz.

WARRANTY Go to:

<http://www.security.honeywell.com/hsc/resources/wa/>

DOCUMENTATION AND ONLINE SUPPORT Go to:

<http://www.security.honeywell.com/hsc/resources/MyWebTech/>

FOR PATENT INFORMATION, see www.honeywell.com/patents



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