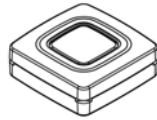


# TX-E121 Command Button

## Description

The TX-E121 Command Button allows for up to 3 different commands, scenes, and/or automations to be triggered through three different button pressing sequences. To the panel, the button appears as 3 unique door/window sensors, each with their own unique TX-ID. Depending on the security panel's capability and/or the capability of the interactive services utilized with the panel, triggering any of the Command Button's 3 zones can be set up as the initiating action to then trigger a pre-configured automation.

Figure 1: TX-E121 Command Button



## Enrolling

To enroll the command-button into the panel utilizing the panel's "Learn Mode" procedure, the button needs to be placed into enrollment mode. To enter enrollment mode on the button, follow these steps:

- 1) Press and hold the button for approximately 10 seconds. During this 10 second time frame, after the first 2 seconds the led will flash 3 times followed by the standard 3 second continual illumination that happens during the press and hold command. Continue holding down the button and after a total of approximately 10 seconds, the LED will quickly flash 5 times indicating that enrollment mode has been enabled
- 2) With the panel in learn mode, briefly tap the button once to trigger a tamper transmission for zone #1. This should successfully learn it into the panel. If the panel does not respond, wait for the LED to shut off and try pressing the button again, until successful enrollment occurs.
- 3) Take note that the command button automatically ends the enrollment mode after 15 seconds of not sending any commands (i.e. after pressing and holding for 10 seconds and verifying enrollment is enabled with the 5 LED flashes, if the button isn't pressed for 15 seconds immediately preceding the enrollment mode activation, it will revert back to its normal operation of sending open + automatic restorals on button presses vs sending tampers) Depending on how long it takes to set up each zone on the panel after a zone is learned in, you may need to re-enter enrollment mode again (holding down for 10 seconds) when ready to enroll zones 2 and 3.

## Operating Instructions

Each of the Command Button's three different command configurations (Single tap, double tap, & press and hold) can be used as the initiating action to trigger a pre-configured scene, automation, or other smart device(s). Keep in mind that to the panel, each command appears as a door/window sensor opening up. When enrolling the device, it is recommended to name each zone accordingly so they can easily be assigned to the scene of your choice. For instance, zone #1 = "CB1 ST" (command button single tap), zone #2 = "CB1 DT" (for double tap), and zone #3 = "CB1 PH" (for press and hold).

**Briefly tap the button once to trigger an "OPEN" transmission for zone #1.** The red LED will flash once, and then re-illuminate, staying illuminated for approximately 3 seconds. During this continual illumination period, the sensor is sending an automatic restoral transmission. Wait until the LED light is no longer illuminated to send another command.

**Double tapping the button will trigger an "OPEN" transmission for zone #2.** The red LED will flash twice, and then re-illuminate, staying illuminated for approximately 3 seconds. During this continual illumination period, the sensor is sending an automatic restoral transmission. Wait until the LED light is no longer illuminated to send another command.

**Press and hold the button for approximately 2 seconds to trigger an "OPEN" transmission for zone #3.** The red LED will flash three times, and then re-illuminate, staying illuminated for approximately 3 seconds. During this continual illumination period, the sensor is sending an automatic restoral transmission. Wait until the LED light is no longer illuminated to send another command.

## Specifications

### TX-E121

RF Frequency	319.5 MHz
Compatibility	Interlogix 319.5 MHz control panels/receivers
Battery Type	CR2032 (Panasonic)
Typical Battery Life	Up to 5 years at 68° F (20° C)
Operating Temperature Range	32° to 110°F (0° to 43°C) Non-pet applications 60° to 110°F (16° to 43°C) Pet applications
Supervisory Interval	64 Minutes
Relative Humidity	0 – 90% non-condensing
Storage Temperature Range	-30 to 140°F (-34 to 60°C)
Dimensions (L x W x H)	1.2 in x 1.2 in x 0.4 in

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by UTC Fire and Security could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

In accordance with FCC requirements of human exposure to radiofrequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

Conformément aux exigences d'Industrie Canada en matière d'exposition humaine aux champs de radiofréquences, l'élément rayonnant doit être installé de telle sorte qu'une distance minimale de 20 cm soit maintenue par rapport à la population générale.

FCC:  
IC:

This Class B digital apparatus complies with Canadian ICES-3B.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Contact information

For contact information, visit us online at [www.interlogix.com](http://www.interlogix.com).  
For technical support, see [www.interlogix.com/support](http://www.interlogix.com/support)

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