

## 5817CB

### WIRELESS COMMERCIAL TRANSMITTER



The 5817CB is a universal contact-monitoring transmitter that can be used with household and commercial fire and burglary-initiating devices such as door/window contacts, motion and glassbreak detectors, sprinkler water flow

switches, tamper switches, post indicator valves, manual pull stations and remote duct detectors. Upon activation, it emits an RF signal to a control panel, sending a burglary or fire alarm to a central station.

## FEATURES

- The 5817CB has three unique input loops (zones).
- The first loop (primary loop) is supervised and typically used for high-priority alarm reporting such as commercial fire or burglary.
- The second loop is the built-in, normally closed reed switch used in conjunction with magnet.
- The third loop is another normally closed household burglary loop. All three loops may be used.
- A fourth (automatically enrolled) loop contains two tamper switches to protect the 5817CB.

## MOUNTING

1. Remove the transmitter cover by inserting the flat blade of a small screwdriver into the pry-off slot at the bottom end of the unit (on the right side closest to the cover's decorative ribs and twisting).

2. Disengage the supplied mounting plate from the unit by inserting the blade of a small screwdriver into the mounting plate release hole (see Diagram 2) and pushing the locking tab out (see Diagram 1). Slide the mounting plate downward along the case back.

**Note:** For this application, the alignment guide strip along one edge of the mounting plate serves no function and may be broken away, if desired.

3. If concealed wiring is to be used, feed the wires through the concealed wiring entry hole on one corner of the plate (surface wiring is mentioned in step 5 below).

4. Install the mounting plate, with its caseholding posts pointing up, in the location selected as described in the

installation instructions. Use the two flat-head screws supplied. Note: To ensure proper operation of the unit's back tamper (when it is separated from the mounting plate), the screws must be anchored to a wall stud or other solid wood material.

5. Set the DIP switch (after the control panel has enrolled the transmitter's input ID's) for the desired primary loop characteristics, as described in the table on the following page.

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Primary Loop Options Table				
Switch Setting	DIP Switch Position			
	1	2	3	4
<b>On</b>	<b>Repeating transmission</b> (every 4 sec.) upon primary loop fault use for high priority alarm, such as fire.	Switch must <b>always</b> be in the <b>on</b> position	Switch must <b>always</b> be in the <b>on</b> position	Switch must <b>always</b> be in the <b>off</b> position
<b>Off</b>	<b>Single transmission</b> per primary loop change-of-state			

Notes: a. In order for the control panel to enroll the transmitter, the DIP switches must be Set to OFF-ON-ON-OFF (see Diagram 2).  
b. The auxiliary loops are not affected by the DIP switch settings.

### Wiring Connections

Connect the loop wiring to the unit's terminals before installing the battery (see Diagram 2).

Notes: a. Primary loop 1 is a supervised loop and must have an end-of-line (EOL) resistor (470K ohms, supplied) placed across the sensor.

Additionally, for primary loop 1, a contact device may not be installed more than 20 feet from the transmitter.

b. If loop 2 is not going to be used, the magnet is not necessary.

c. If loop 3 is not going to be used, no connection is needed across its terminals. For UL household burglary and fire installations, the loop 3 contact device (if used) may not be more than 3 feet from the transmitter.

## SPECIFICATIONS:

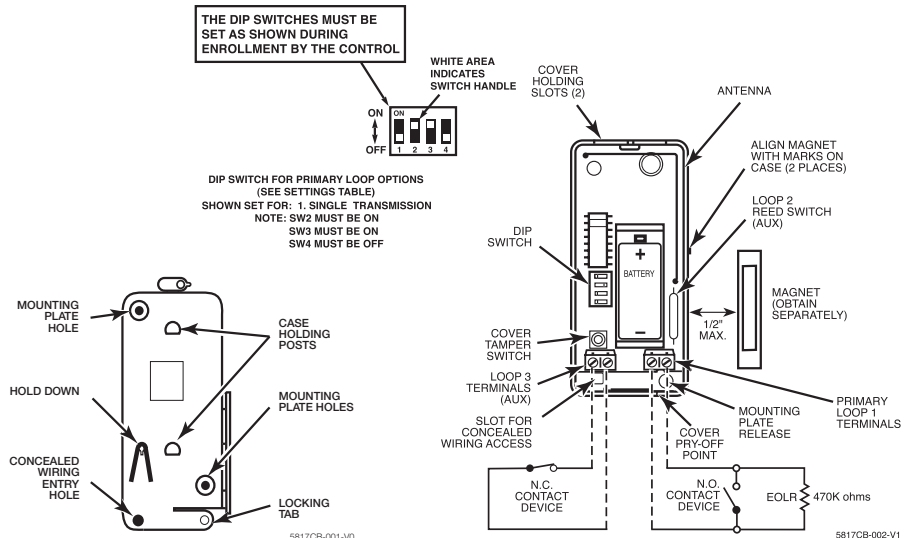
### • Dimensions:

- 1-9/16"W x 3-1/2"H x 1-3/16"D  
(40mm x 89mm x 30mm)

- Battery 3v Lithium  
(see BATTERY INSTALLATION AND REPLACEMENT).

### • UL Listings:

- Commercial Fire UL864  
- Household Fire UL985  
- Household Burg UL1023  
- Commercial Burg UL365, UL609,  
UL1076, UL1610



Note: For UL commercial and household fire installations, only one initiating device may be connected to this transmitter. For UL commercial burglary installations, multiple initiating devices may be used as long as the devices all service the same function such as door/window contacts, motion or glassbreak detectors. All initiating devices must be located within the same room.

## ORDERING

**5817CB** Wireless Commercial/Household Transmitter

### Honeywell Security & Custom Electronics

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# Honeywell

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