

# ADEMCO

## 5817CB WIRELESS COMMERCIAL TRANSMITTER

### INSTALLATION INSTRUCTIONS

#### GENERAL INFORMATION

The 5817CB Wireless Commercial Transmitter is a door- or window-mounted burglary transmitter. Upon activation, it emits an RF signal to a control panel that, in turn, sends a burglary or fire alarm to the central station. 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 fire. It requires a 470K ohm end-of-line resistor to be placed across the sensor. The *second* loop is the built-in normally closed reed switch (used in conjunction with a magnet, as described below). The *third* loop is another normally closed burg loop. All three loops may be used. A fourth (automatically enrolled) loop contains two tamper switches to protect the 5817CB transmitter. A built-in cover tamper switch is activated when the cover is removed. A unit tamper switch is activated if the unit is separated from its mounting plate.

The 5817CB has its own unique serial number permanently assigned during manufacture. A control panel is required to "enroll" this transmitter serial number at some point prior to its usage in the alarm system. Refer to the control panels' installation instructions for further details. *For UL installations, a sensor and its wiring may not be more than 3 feet from the transmitter. Note:* During programming of the control panel, 5817CB transmitters are treated as "RF" (i.e., supervised RF) Type (*mandatory for UL installations*).

#### Mounting

*For proper orientation of the unit in relation to its wall mounting plate and the loop wiring, read all of this section before installing the unit. Before mounting the transmitter permanently, conduct Go/No Go tests (see control's instructions) to verify adequate signal strength and reorient or relocate the transmitter if necessary. When a satisfactory location is found, remove the battery and proceed with installation.*

The following mounting instructions assume that the unit will be mounted as shown in the diagrams. The unit may, however, be installed in any direction, as long as the relationship of the unit to its mounting plate is maintained.

The mounting plate, installed as described below, enables easy removal of the unit for servicing, should it become necessary.

1. **Remove the transmitter's 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 at one corner of the plate (*surface wiring is mentioned in Step 5 below*).
4. **Install the mounting plate**, with its case-holding posts pointing up, in the location selected, as described in the control unit's installation instructions. Use the two flat-head screws supplied.
5. **If surface wiring is to be used**, remove the knockout slot in the case back (located across from loop 3 terminal block). **Surface wiring** should enter through this knocked out space provided. Do not connect the wiring to the terminal block(s) yet.

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#### FCC NOTICE

FCC ID: CFS 8DL 5817CB

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.



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