

# Honeywell

# ADEMCO 5820L

## Door/Window Contact Transmitter INSTALLATION AND SETUP GUIDE

### GENERAL INFORMATION

The 5820L is a single-zone Slim-Line Door/Window contact transmitter that provides wireless notification of intrusion. The 5820L can be used only with alarm systems that support 5800 Series wireless devices. The 5820L has its own unique serial number permanently assigned during manufacture. You must enroll the transmitter's serial number in the control panel before it will operate in the system. Refer to the control panel's installation instructions for programming details.

**Note:** During programming of the control panel, 5820L transmitters must be enrolled as Input Type 3 (Supervised RF), Loop 1.

The transmitter is powered by one AAA Lithium (or alkaline) battery that is easily replaced when a low battery condition is indicated by the control panel.

### TAMPER PROTECTION

Front and back-case tamper is provided using the same switch. The front-case tamper is always enabled. Adding the third screw as shown in Figure 2 enables the back-case tamper.

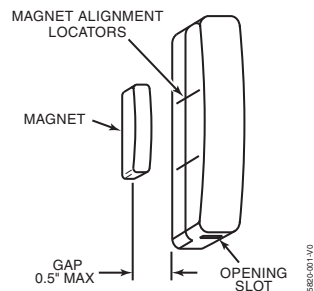


Figure 1. 5820L (Typical Installation Arrangement)

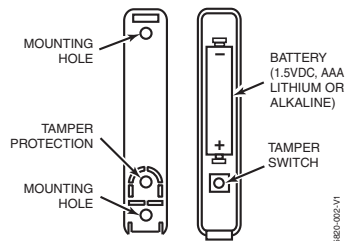


Figure 2. 5820L Mounting/Battery Location

### MOUNTING

The description that follows assumes that the transmitter will be mounted as shown in Figure 1, with the magnet located adjacent to the unit's left side. The transmitter may, however, be installed in *any* direction, as long as the relationship of the unit to the magnet is maintained as shown in Figure 1.

1. **Temporarily** mount the 5820L and magnet using the double-back tape supplied.

**Note:** Before mounting the transmitter and magnet **permanently** using the double-back tape or mounting screws, conduct a *Go/No Go* test (see control's instructions) to verify adequate signal strength and reorient or relocate the transmitter if necessary.

2. If the *Go/No Go* test was successful, **remove the transmitter's cover** by inserting the flat blade of a small screwdriver into the opening slot at one end of the unit as shown in Figure 1, and separating the two halves.
3. The 5820L must only be mounted against a **flat** surface. A curved surface would cause undue stress to the unit and possible failure to operate properly.
4. Install **mounting** screws in the two outside mounting holes as shown in Figure 2 using a #1 Phillips.
5. If the case-back tamper switch will be used, install a third screw in the **middle** hole.
6. **Mount** the magnet (supplied) adjacent to the two vertical positioning lines on the case side (see Figure 1). The gap can be one-half an inch maximum.
7. To **reinstall** the cover, position the cover so that it covers the mounted case-back, and snap-shut. The two case halves can only be fitted together in one direction.

**Note:** Do **NOT** attempt to remove the PCB from the plastic cover for any reason.

### BATTERY INSTALLATION/REPLACEMENT

Replace battery only with same or equivalent type. Dispose of used batteries according to the battery manufacturer's instruction.

1. **Remove the transmitter's cover** (if it is not off already) as described in *Mounting*; step 2.
2. **Observe correct polarity and insert the battery** provided into the battery retainer clips as shown in Figure 2.

**Note:** Replace battery *only* with type specified in the Specifications paragraph.

---

**SPECIFICATIONS**

**Dimensions:** ..... 3.0" H x 0.5" W x 0.8" D  
76.2mm x 12.7mm x 20.3mm

**Battery:** ..... 1.5VDC, AAA Lithium (Energizer L92) or  
AAA Alkaline, (Duracell MX2400,  
Panasonic AM-4PI, Eveready Energizer  
EN92)

**Gap:** ..... 0.5 inch maximum

**Magnet:** ..... WA5816MAG (supplied)

**BATTERY CAUTION: Risk of fire, explosion and burns. Do not recharge, disassemble, heat above 212° F (100° C) or incinerate. Dispose of used batteries properly. Keep away from children.**

---

**FCC STATEMENT**

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

**FOR WARRANTY INFORMATION AND LIMITATIONS OF THE ENTIRE ALARM SYSTEM, REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL WITH WHICH THIS DEVICE IS USED.**

# Honeywell

**165 Eileen Way, Syosset, New York 11791**

Copyright © 2005 Honeywell International Inc.

[www.honeywell.com/security](http://www.honeywell.com/security)



K9232V1 10/05 Rev. A