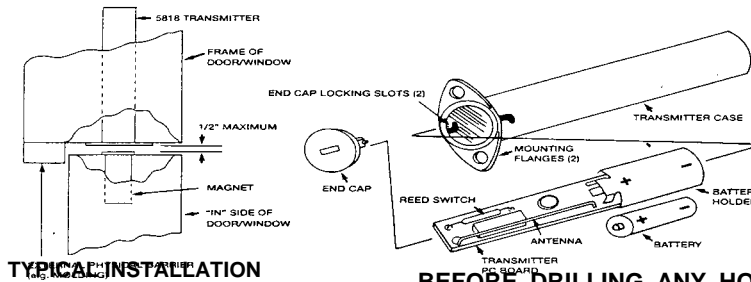


INSTALLATION AND SETUP GUIDE



TYPICAL INSTALLATION

GENERAL INFORMATION

The 5818 Recessed Door Transmitter is a reed switch, magnetic-contact sensor that provides concealed protection for a door. It is intended for use only with alarm systems that support 5800 series devices. The transmitter is powered by long-life lithium battery that is easily replaceable when a low battery is indicated by the control.

PROGRAMMING THE ID NUMBER

Each 5818 has its own unique identification code (serial number) permanently assigned during manufacture.

You must "enroll" the transmitter's ID during installation of the alarm system. 5818 transmitters must be enrolled as "RF" (supervised RF) Type (*mandatory for UL installations*).

PRELIMINARY CONSIDERATIONS

Read all of this and the next section before installing the unit.

1. **Select a location for the transmitter on the frame of the door (never on the hinged edge) to be protected.**
 - Do not use on metal frame doors.
 - The transmitter will require a 7/8" diameter hole in the edge of the frame, at least 5" deep and its magnet will need a 1/2" diameter hole in the edge of the door at least 1-3/4" deep.

BEFORE DRILLING ANY HOLES, SEE STEP 2 BELOW AND READ ALL OF MOUNTING.

- The preferred direction of mounting is vertical, although the 5818 may be mounted in *any* direction if satisfactory reception of its transmissions is obtained.
 - A physical barrier (e.g., a molding strip on the door frame) should be present to protect against defeat of the contact from outside the premises.
2. **Before drilling any holes**, tape the transmitter and magnet in their approximate locations (with battery installed and unit together as described under BATTERY INSTALLATION/REPLACEMENT (below) and conduct Go/No Go tests (refer to control panel's instructions) to verify adequate signal strength. Reorient or relocate transmitter if necessary.
- Make sure that **no more than 1/2" gap exists** between the faces of the transmitter and magnet cases when they are installed and set.
 - When installed, an alarm signal must be obtained **before a clear space of 2" is reached** as the door is opened.

MOUNTING

1. **Mark the selected location for the transmitter** on the frame of the door.

2. **Mark the location for the magnet** on the door, directly opposite the transmitter location.

Caution: Before drilling any holes, make sure that successful Go/No Go transmission/reception tests have been conducted (see previous section).

3. **Drill holes at the locations marked** for the transmitter (7/8" diameter, at least 5" deep) and magnet (1/2" diameter, at least 1-3/4" deep).
4. **Insert the transmitter and magnet cases** into their respective holes, so that their ends are flush with the surface.
 - DO NOT hammer in place with hard blows. If necessary, tap **gently** with a rubber mallet or wood block.
 - The transmitter case **may be** secured by two screws via the holes in its mounting flanges, or the flanges can be snapped off by scoring around them first with a sharp knife.
 - If necessary, either case may be secured with a suitable adhesive.

A closure plug is supplied to cover an empty hole if the transmitter is ever relocated.

BATTERY INSTALLATION OR REPLACEMENT

1. **Remove the transmitter's end cap** by inserting the flat blade of a small screwdriver in the cap's slot and turning slightly counterclockwise.
2. **Slide the transmitter PC board assembly** out of its case, *taking care not to bend the antenna during this step or later.*
3. **Remove the old battery**, if replacing it.
4. **Observe correct polarity** and insert the fresh battery into the battery holder (+ and - polarity indications are inside). See diagram.
5. **Slide the PC board assembly** back into its case, battery end first (*the reed switch end must be toward the cap*).
6. **Replace the end cap.** Line up the projections on the cap with the openings at the edge of the case. Press the cap gently against the PC board and turn the cap (via its slot) slightly clockwise, thereby locking it in place.

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

SPECIFICATIONS

Dimensions (Approximate) Transmitter: 13/16" (21mm) Diameter x 4-7/8" (124mm) Long

Magnet: 1/2" (13mm) Diameter x 1-3/4" (45mm) Long

Battery: 3V Lithium. Replace battery only with:

Panasonic CR123A, Duracell DL123A, Sanyo CR123A, Varta CR123A, or Ademco 466.

TO THE INSTALLER

Regular maintenance and inspection (at least annually) by the installer and frequent testing by the user are vital to continuous satisfactory operation of any alarm system.

The installer should assume the responsibility of developing and offering a regular maintenance program to the user, as well as acquainting the user with the proper operation and limitations of the alarm system and its component parts. Recommendations must be included for a specific program of frequent testing (at least weekly) to insure the system's operation at all times.

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

FCC ID: CFS8DL5818-1

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 (2) This device must accept any interference received, including interference that may cause undesired operation.

CANADA: 573F-58181



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