



# Instructions

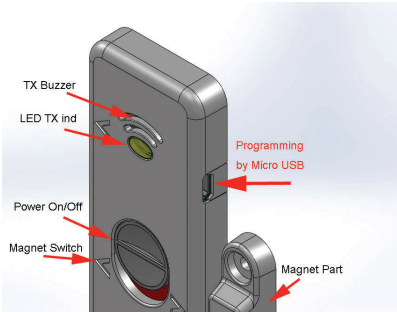
## Compact Door Opening Sensor - ACD

### Alerts a pager when a door opens

The compact door sensor attaches onto the door and doorframe. On opening the door the sensor sends a message to the pager.



**Door sensor and contact**



### Operating the Door Sensor

The compact door sensor is made of two elements, the main sensor and the door contact. These need to be positioned on the door and door frame so that the two nearly touch when the door is closed. On opening the door the sensor sends a signal to the pager.

### Pagers

When using this system with your FP Text Pager the ID of the door will be displayed on the screen of the pager. When using multiple door sensors each door will have its own unique ID, eg. "Front Door" or "Back Door". This will be programmed by us to your specification. If you have a bleeper pager, no ID will be displayed. Each door sensor will alert the pager in the same way.

#### Text Pager

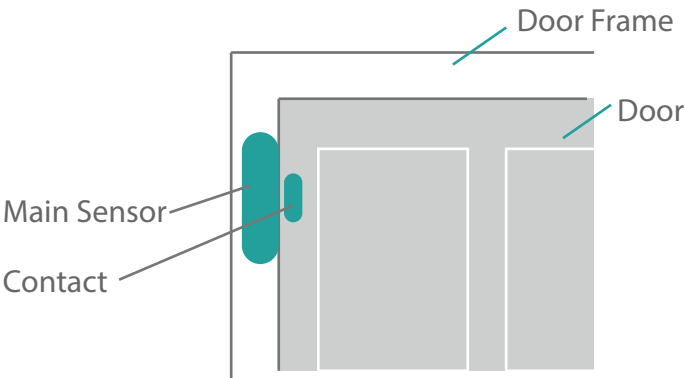


#### Bleeper Pager



### Setting up the door sensor

Position the sensor on the door frame using the double-sided sticker. Next position the contact on the door, lining up with one of the arrows on the door sensor. Once in position switch the sensor on by sliding over the central switch to red. When the sensor is working the red light will flash on the main sensor when you open the door.



Positioning the sensor and contact.



### Range Test

Once your pager and door sensor are switched on you need to test that it picks up the alert. Trigger the sensor and test that the pager activates. Test this in all the places around the home where the carer might be. This will test the range. The door sensors have a range of 300 meters, though thick walls can reduce this. *We can provide signal boosters where necessary.* The higher the position on the door frame the better the range. You can position the sensor on the top edge of the door.

### Battery

The sensor contains a small disc battery which can last for a year on ten uses a day. To replace the battery slide open the compartment on the short edge of the sensor and replace with a new CR2032 Lithium battery.

### Frequencies

Additional sensors and pagers can be purchased to work with your door sensor. Your system works on it's own specific frequency, where two separate systems are required to work in close proximity we will code each to work separately without interference.

### Safety

Remember, daily system tests should be carried out to ensure correct functioning of the unit. Usage should be incorporated within safety manuals and procedures. Range tests should be carried out at least once a week, more often if critical criteria apply. This should involve testing the unit past its required range. If the unit has been dropped or it is worn by a person involved in an accident the unit should be tested again before re-use.

### Cleaning

The unit can be cleaned using a damp cloth and a small amount of disinfectant, alcohol based cleaning product or diluted chlorine-based cleaning solution. Do not submerge as the unit is not waterproof.

### Care

DO NOT subject this equipment to: Mechanical shock, Excessive humidity, Extremes of temperatures, Corrosive Liquids. This equipment is designed primarily for indoor use and is not water resistant. It must not be used in classified hazardous areas including areas containing explosive or flammable vapours. Consult your local product dealer for further information.

### Specifications:

Power supply	1 x CR2032 Lithium Battery (Removable, not rechargeable)
Frequency	433.92MHz
Bit Rate	1200 - 7µV/M
Code format	POCSAG
Spurious rejection	40db below carrier
Alert tone loudness	85db at 10cm
Dimensions(mm)	100(L)x 37(W) x 10(D)
Weight with battery	30g

### Compliance

R&TTE Directive 1999/5/EC  
 EMC Directive(89/336/EEC) EN 301 489 -1 V 1. 4. 1  
 Low Voltage Directive (7323/EEC) EN60950 : 2000  
 ETSI EN 300 220-1 V2 (2006 – 04)  
 ROHS II compliant

### Liability

Frequency Precision does not accept any liability for any damage or injury, howsoever caused as a result of misuse of this equipment. It is the responsibility of the user to ensure that the equipment is operated in the manner for which it was intended and that it is the correct item of equipment for the required task.

All systems can fail and it is the responsibility of the user to carry out regular tests and to determine the suitability of this equipment for any application.

### Repair and replacement

Frequency Precision will refund payment for any unit returned within 30 days of purchase as unsuitable for the intended purpose. Un-damaged units will be repaired free of charge within the first 12 months.

### Literature

Frequency Precision Ltd operates a policy of continual improvement and therefore reserves the right to modify and change any specification without prior notice.

While every possible care has been taken in the preparation of its manual, we do not accept any liability for the technical or typographical errors or omissions contained herein, nor for incidental or consequential damages arising from the use of the material.

### Disposal

At the end of the working life of the product it must not be disposed of with household waste but returned to Frequency Precision Ltd or disposed of at a collection point for the re-cycling of electrical and electronic equipment.