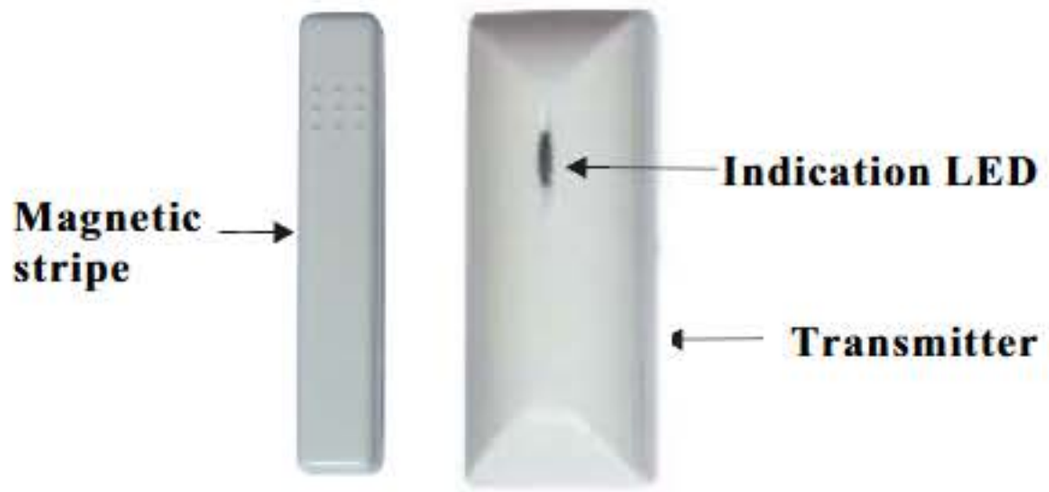
The installation guide for users of MD-210R wireless magnetic switch

1. Introduction

The MD-210R is a fully supervised mini style magnetic contact transmitter. It features door/ window close/open instant alarm function. It can be connected to the control panel. It can transmit strong wireless signal, having strong intensity in 15m area. Pleas code it to the control panel before using, enrolling the only one address code to the control panel. When the distance between the magnetic stripe and transmitter beyond 2.5cm the transmitter will send alarm information to the panel. This detector can change wired signal to wireless signal, Working as a transmitter.



Product appearance

2. Specification

Model:MD-210R

①Wireless sending distance(open area):inset antenna 150m.

②Code: 28-digi t ID, 8-digit function code, 36 digits data code in total

③Working frequency: 433MHz(optional)

④Working voltage:3V lithium battery

⑤Battery life: about 1 year

⑥Current: static ≤5uA, alarm:7-12mA (433MHz)
static ≤5uA, alarm:35-45mA

⑦ Alarm output: alarm, tamper

⑧Status report: after fist electro motion or reset the detector the magnetic switch report the working status to the control panel separately after 30 seconds, 2 minutes,6minutes. And report working status every two hours to the control panel.

⑨Working Temeprature:-10℃~50℃

⑩Dimesion:81(L)*32(W)*25(H)mm
Magnetic stripe:74.5 (L)*13. 5(W)*18. 8(H)mm

⑪ Color: White

3.The main function and installation

3.1 Main functions

A. Adopted low consumption CPU

B. Adopted unique Mutil codes

C. Auto status report

D. Anti-lost report

E. Open door/window indication

3.2 Installation

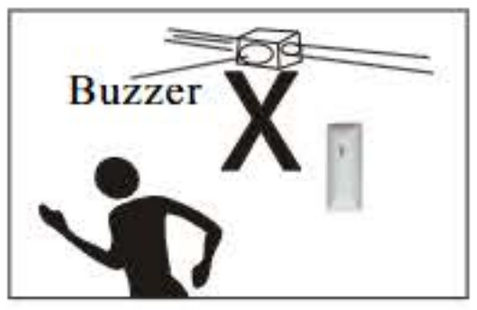
Pay attention to these following points.



Do not mount on the place possiblely to be destroyed outdoor.



Do not mount at the loose place



When use as wireless detector, do not mount near strong magnetism item.

3.3 Installation introduction

Note: This product use Cr123 lithium battery, no battery set in when leave factory please set in battery before using.

1. Press lightly the snap near the led, and open the cover;
2. Set in battery with right positive and negative poles;
3. code with the panel
   A、Set the wireless control pane at "auto code" mode.
   B、Let MD-210R enter working mode, parallel put transmitter and magnetic stripe together, move the magnetic stripe at the moment of pressing the ensure key on the panel and let the detector send wireless signal. Then the panel will study the code of detector.

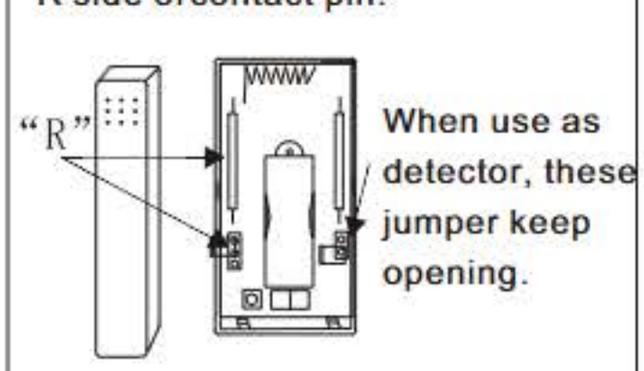
C、The user also can enter address code manually, that will reduce error rate, set the control panel at manual code mode , then enter the 9-digit code on the label of transmitter.

4、Testing magnetic switch: parallel move magnetic stripe and inductor. MD-210R will send signal once to the control panel, and the LED on the transmitter flick 5 times.

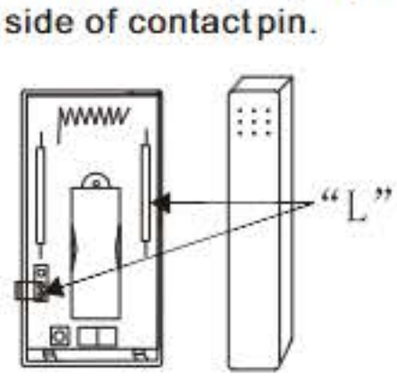
5、Fix the cover

4 Install follow the pictures

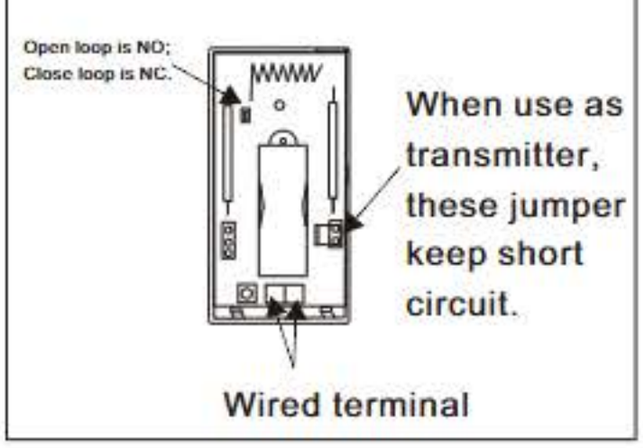
Choose short circuit place: when magnetic fix on the "R" side of reed switch. The jumper jump to the R side of contact pin.



Choose short circuit jumper: when magnetic fix on the "L" side of reed switch. The jumper jump to the L side of contact pin.



when use as transmitter, connect the alarm terminal to the wired terminal of the magnetic.



Note:

1.If not drill on the wall, please use strong double side glue or other strong Bonding agent to fix the magnetic stripe and transmitter on the right place.

2. Do not mount on the base-loose place, possible to be destroyed place or with strong magnetic interference(eg.loudspeaker, high voltage cable)

5.maintance

4.1 Change battery

The working life of battery is about one year, change battery when the signal between the detector and control panel become weak.

1.Open cover;

2.Take out used up battery and put in new battery rightly;

3.Test battery, parallel move the magnetic from transmitter, then the control panel will make alarm information.

4.2 Clean and fix the cover

The surface of the detector will be dusty when used for a long time, please use wet cloth to clean it.

6. Miscellaneous Comments

Our wireless products are very reliable and tested to high standards. However, due to low transmitting power and limited range(required by regulatory authorities , there are some limitations to be considered. it will course the panel to make alarm at any alarm situation, following are some common examples

1. voltage instability for the control panel;

2.under voltage of detector etc.

These problem are not so difficult to solve, if needing help please contact the supplier.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.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.