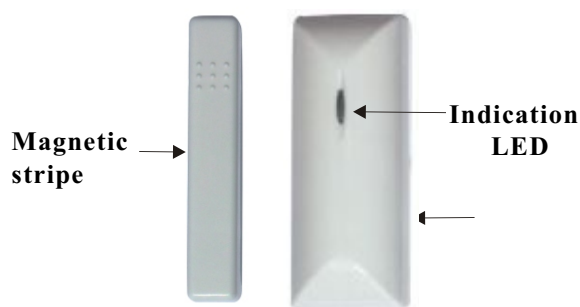


The installation guide for users of ML-210E wireless magnetic switch

1. Introduction

The ML-210E 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, have strong intensity in 150m area. Please code it to the control panel before using, enroll the only one address code to the Panel. When magnetic stripe and transmitter move 2.5cm the transmitter will send alarm to the panel. This detector can change wired signal to wireless signal, working as a Transmitter.



Product appearance

2. Specification

Model: ML-210E

- ① Wireless sending distance (open area): inset antenna 150m.
- ② Code: 28-digit ID, 8-digit
- ③ Working frequency: 433MHz
- ④ Working voltage: 3V lithium battery
- ⑤ Battery life: 1 year
- ⑥ Current: static $\leq 5\mu A$, alarm $\leq 15mA$
- ⑦ Alarm output: alarm, tamper

- ⑧ Status report: after first electro motion or reset the detector the magnetic switch report the working status to the control panel separately after 30 seconds, 2 minutes, 6 minutes. And report working status every two hours to the control panel.
- ⑨ Working Temperature: $-10^{\circ}C \sim 50^{\circ}C$
- ⑩ Dimension: $8 \times 32 \times 24mm$ Magnetic stripe $74 \times 20 \times 12mm$
- ⑪ Color: White

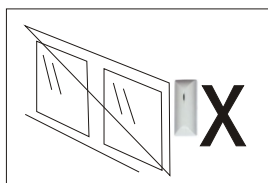
3. The main function and installation

3.1 Main functions

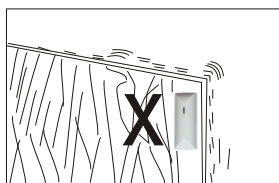
- A. Adopted low consumption CPU
- B. Adopted unique Mutil codes
- C. Auto status report
- D. Anti-lost report
- E. Open door/window indication

3.2 Installation

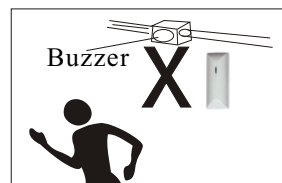
Pay attention to these following points.



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



Do not mount at the loose place



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

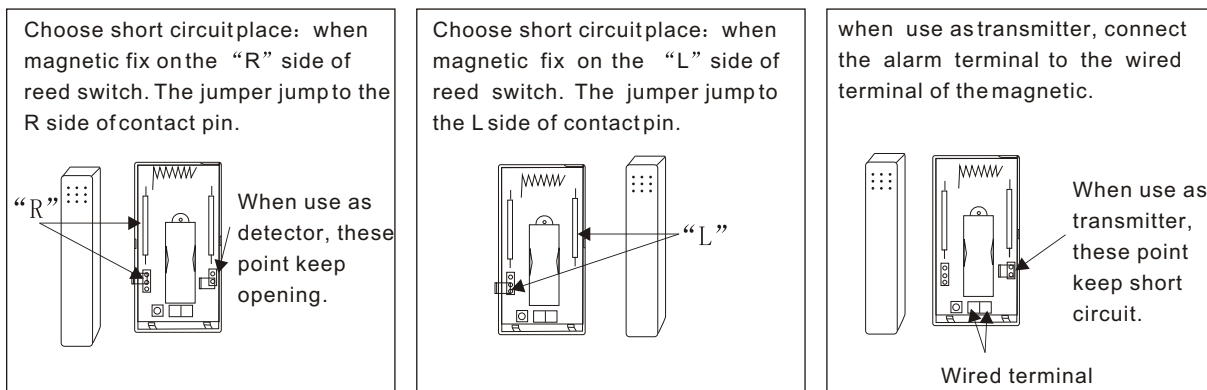
3.3 Installation introduction

Note: This product use Cr123 lithium battery, no battery set in when leave factory pls 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 under "auto code" mode.
 - B. Let ML-210E 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 under manual code mode and then enter the 9-digit code on the label of transmitter.

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- 4、Testing magnetic switch: parallel move magnetic stripe and inductor. ML-210E 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



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.maintenance

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.

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 fo the control panel
- 2.undervoltage of detector etc.

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