

PB-500R Wireless keypad

1. Introduction

PB-500R is a kind of "mini" wireless keypad. It integrate keypad and magnetic contact, this make it can be used as magnetic contact, also can control our wireless control panel. It fit for entrance/exist of warning region.



2. Product specification

- Model: PB-500R
- Working voltage: 6V(AAA1.5V*4), when lower than 4V, will report under- voltage.
- Standby current: $\leq 18\mu A$ (when operating or transmitting $\leq 15mA$)
- Work life of battery: 1year count as dally operation and door open/close ≤ 15 times)
- Wireless distance: 100m (open air)
- Preset password: 1234

3. Installation

3.1 Status introduction:

- (1) Indication LED: when operating, low-voltage normally on, it means low battery, then when the magnetic trigger the contact, it will report low-battery report to control panel. Then please change batteries as soon as possible. Low-voltage LED will turn our automatically after no operation within 10 seconds, then it enter power saving mode. When signal indication LED flicker, means it is transmitting wireless signal. When low-voltage and signal indication led flicker a the same time, means enter keypad programme status.
- (2) Prompt tone: The buzzer sound once, it is keypad tone. The buzzer sound twice, it is ensure tone. The buzzer sound five times, it is incorrect operation tone.

3.2 Operation:

- ① Away arm : **【away】** key (arm via shortcutkey) or **【password】** + **【way】** key (arm via password)
- ② Home arm : **【Home】** key (arm via shortcutkey)or **【password】** + **【Home】** key (arm via password)
- ③ Disarm: **【password】** + **【Disarm】** key;
- ④ enter keypad programming: **【password】** + **【#】** + **【0】** enter keypad programming status, signal indication LED and low-voltage indication LED flicker.
Change password: **【0】** **【0】** +4-digit new password+ **【#】** ;
arm via password: **【0】** **【1】** + **【1】** **【#】** ;
arm via shortcutkey : **【0】** **【1】** + **【0】** **【#】** (system default setting) , eg.
“away” “Home” ;

Note : pleas do not operate through "arm via password"and "arm via shortcutkeys" at the same time.

- ⑤Exist keypad programming: press 【*】 for 3 seconds, or no any operation within 1 minute.
- ⑥Delete incorrect entering: press 【*】 delete last entering, or no any operation within 10n seconds to delete all entering.
- ⑦Code with control panel : enter control panel to setting status, choose detector coding, choose wireless zone coding, then trigger the magnetic contact.

3.3 Install requirement:

- keep the interstice between bounding rectangle and magnetic striper less than 8mm.
- Test and ensure the distance to the control panel according to real environment to ensure reliable communication with control panel.
- we recommend install all wireless device as high as possible to enhance wireless transmitting distance.

3.4 Installation step:

- (1) Choose suitable drill point on the door and door frame .(Or use mighty bound to stick wireless keypad on the door.



- (2) Drill hole , drive screw in and then hang the wireless keypad(set in batteries) on the door.
- (3) Code with control panel.
Enter the control panel to programming status, chose detector coding, choose wireless zone coding and ensure, then trigger magnetic contact.
- (4) Make walking test.

3.5 Clean and maintance.

If the wireless keypad get dirty, use the sponge and mix of abluent and warm water to clean.

4.Working perfemence limited.

Our wireless products are already very reliable. But for their low transmission capability and limited transmission range will limited our system in certain range. Below list some possible happening situation.

- 1.The signal of receiver may be blocked or no t in the range of chosen frequency.
- 2.Please test if **there's** collision to the wireless device frequently and make sure **there's** safeguard on the device.
- 3.Failure signal sending will happen when the control panel voltage is not stable or the detector is under voltage.