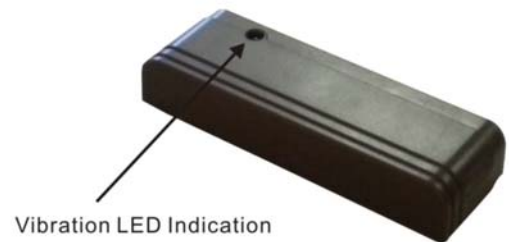# PE-9902 – Wireless Vibration Detector

User Manual

PE-9902 is wireless mini / hidden vibration detector, legerity unique design, ultrathin and easy to install, it adopts wireless transmission technology, when vibration had been happened, it can send out wireless alarm signal to either control panel or wireless siren, it included the sensitivity adjustment via pulse counting, built-in lithium battery up to one year working life.

Features:

1. legerity unique appearance design / digital circuit design / anti-interference
2. stable performance / easy to install and uninstall
3. LED light flash when vibration had been happened
4. consumption current is 0 (static) / ≤10mA (alarm)
5. built-in 1pc 3.0V CR2032 lithium battery
6. wireless emitting frequency: 433MHz / 868MHz
7. wireless emitting range is 150m (in open terrain)
8. dimension is 70*23*12mm / brown color

Vibration LED Indication

Installation:

1. press the button (as per arrow indication) to open the cover;
2. you will see the 9 digit address code label on the base;
3. hold the base against the mounting surface and mark the 2 drilling points through the mounting holes;
4. drill the holes and fix base to the wall using the screws with countersink heads which had been packed in the package;
5. remove the plastic insulation slice from the built-in battery, so that make sure it can connect to the inside PCB circuit board;
6. the LED indication light will flash, and then auto on normal mode;
7. close the cover on base which had been fixed on wall.
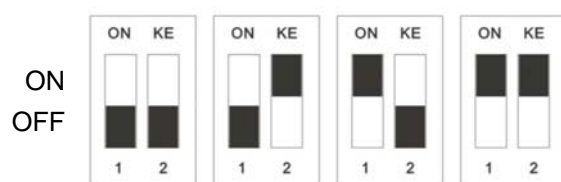
9 digit address code   mounting holes   plastic insulation slice

Note: if not drill on the wall or door, please use strong double side tape or other strong bonding agent to fix this wireless vibration detector.

Sensitivity Adjustment: (DIP switch setting)

ON
OFF

DIP switch button

Pulse 1 – maximum sensitivity DIP-1 OFF / DIP-2 OFF
Pulse 2 – level 2 sensitivity DIP-1 OFF / DIP-2 ON
Pulse 3 – level 3 sensitivity DIP-1 ON / DIP-2 OFF
Pulse 4 – minimum sensitivity DIP-1 ON / DIP-2 ON

Coding Method: **(between vibration detector and wireless alarm control panel)**

1. vibration detector on normal mode, LED light will flash few seconds when vibration had been happened; alarm control panel on wireless coding mode (please refer alarm control panel user manual), vibrate again vibration detector to sending the wireless signal to alarm control panel, if alarm control panel make the corresponding indicate sound, it means match code successfully.

2. alarm control panel on manual coding mode, enter the 9 digit address code to match, this will be a higher probability of coding success.

Change Battery:

when vibration had been happened, LED light no flash or lower light, it means the low battery situation, and it also can sending the low battery alarm indication to alarm control panel. (CR2032 3.0V Lithium Battery x 1pc)

3.0V lithium battery   plastic insulation slice

Note:

1. Don't install on unstable surface;
2. Don't install on metal wall or door;
3. Not waterproof, better for indoor using.

Warning: we are not responsible for the problem caused by improper operation or change the product configuration, it may lose the authority of product warranty!