HEXA wireless shock sensor:

1. Introduction:

The wireless vibration sensor is designed to detect any vibration, shock or impact. You may use it to protect your valuables by placing a vibration sensor beside them. Once vibration is detected, the sensor will transmit a signal to the panel, the panel will alarm and auto dial. Eepecially suitable for doors, windows, safe, ceiling, wall, cabinet and etc. The first class electronic components ensures its quality and durability. Sensitivity adjustable according to different needs. Compatiable with different panels, and the high capacity alkaline battery (CR123A) can last up to 24 months.

2. Specification

Transmit Distance: 30m to 50m

Operating Voltage: 3V

Operating Currency: 20mA(alarming), 60μA(standby)

Timing resistor: 4.7M

3. Program the vibration sensor to the panel

a. Open the sensor, take out the insulating sheet beside the battery. The sensor can work normally then.

b. Program the panel to leaning status

c. Triggering the vibration sensor by knocking on/beside to the unit (you can also press the tamper button on the main board) the LED will flash (transmiting signal), the panel receive the sensor's siganl, select zone then store it. The vibration sensor can communicate to that panel now.

4. Installation (2 ways)

a. Use the screw to fix it to desired place

b. Use the double adhesive tape to simply gule it to desire place

5. sensitivity adjustable
6. The Low Battery Voltage transmitting

Note: The wireless senor has got a unique power-saving function, After 3 successive time triggering, it will stop working. Only after confirming that there is no vibration, shock or impact for 70 seconds continuously, the detector will then start working again.

Installing and testing: how to reduce the false alarm, advantage over door contact and directional pir
1. when installin on the door, The vibration sensor can alarm before intruder break in, while the door contact alarm after that,

2. when installing on the window, it can alarm when the intruder moves or break the window

Note: It can not be installed where vibration often occurs

Pay attention to test when alarming: e.g. when installing it on the door, after that, knock the door, adjust the senstivity, mimic the normal knocking, make sure it would not alarm. Make it alarm when knocking it voilently

When installing it on the window, make it alarm when the window moves about 20cm.The sensor is better than door contact and directional pir, as it does not to pay attention to angle when installing, you can place it randomly, very flexiable