

Wireless Glass Break Sensor User Manual

Introduction:

Thank you for choosing our glass break detector. The manufacture process is by the quality detection, to make sure the operation and durable function. The detector with audio checking, all frequency chock analysis, when there is high-pressure, can be sure the special sound by the glass break. With constant adjusting the sensitivity to avoid the false alarm, it is the most advanced detector in the market.

Range:

It can be used in the flat, intensify and cascade glass. The detector is used with glass cabinet, glass door and window. Before using the detector please detect carefully. Notice: The detector can't connect the panel's 24 hours zone.

Functions:

1. Mollusk drive, digital signal process 8/12 bit microprocessor (8MHz).
2. High frequency sound pressure detection.
3. All sound frequency 7 kinds frequency signal and impact analysis include inferior sound press analysis.
4. Digital filtration RFI/EMI rejection.
5. Particular mike design.
6. Adjust the sensitivity by hand can avoid the false alarm.

Choose the installation place:

The right place is the key element to the detector.

It can install on the ceiling, near the glass and opposite the glass, forbid installation the things which have noice such as bell, fan, compressor and machine.

Make the mike be opposite to the glass with no obstruction and in the best angle. Don't install the detector on the opposite wall. (picture 1)

Installation:

Fix the detector on the proper target, connect the Transformer. adjust the sensitivity, check the detector. If not presetting the code to match the main alarm panel, please refer to the code diagram

Adjust the sensitivity

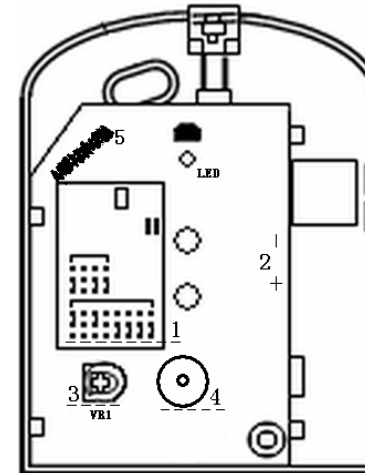
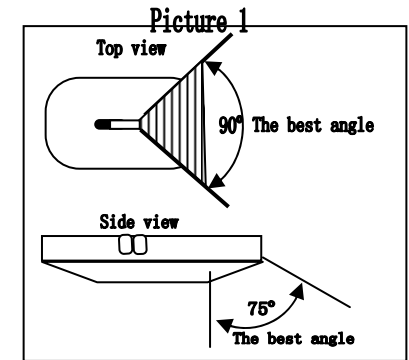
The detector with the perticular yellow LED, when the noice is up to the alarm level, the yellow LED will flash, which means adjust the sensitivity to the low level. The setting method as follow:

Use a plastic ruler to flap the glass, then the yellow LED will be light, but the red light will not. If the red LED is bright, it means the sensitivity is too strong, you revolve VR cathode to adjust the sensitivity. Repeat until the yellow LED is light but the red light is not bright. Check the sensitivity if it can alarm normally: flap the glass hard, if the red LED light is bright, means alarming, if not, please adjust the sensitivity to high. When setting the sensitivity, it should be the same as the outside condition. For instance: If you want to arm at night, when set it please put down the curtain. Notice: Don't adjust the sensitivity too high in case of false alarm.

When use the detector, hold the detector in the fareset from the detection range, press PUSH bring to the frequency, the red LED will be bright, if not, adjust the detector to high (revolve VR anode)

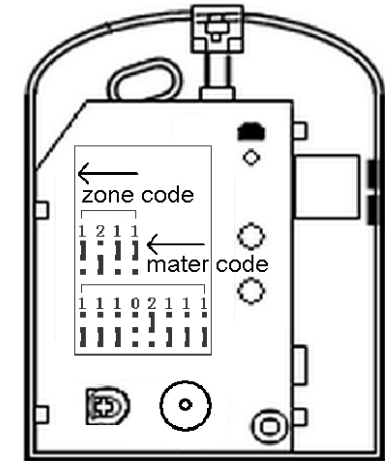
Specification:

Power	9~12VDC
Current (static state)	5mA
Current (alarm)	80mA
Detecting output	NC
Anti-tamper	NO
Yellow LED	Indicat voice level
Red LED	Indicat alarm signal
Temperature	-10°C ~ 50°C
Casing	ABS fire resistance plastic



PCB diagram

1. Code setting, 2. Power jack
3. Sensitivity adjustment
4. Detector
5. Transmitter antenna



Code diagram

e. g. master code is 11120111
zone code is 1211