

HOME SECURITY CONTROL SYSTEM

DSW01

INSTRUCTION

The system adopts wireless digital coding, high-frequency emission and receiving, and the repetitive code rate is very little, it adopts MCU control and on technology adopts SMT , it can connect all kinds of detectors our company produce, for example PIR detector, door magnetism, smoke alarm, out-connected alarm, out-connected dial number equipment, at the same time it gather wireless doorbell, tamper protection, low-voltage indicate. It has two remote controllers, its operation is very convenient, it can guard your family from multi-orientation.

SPECIFICATION

- 1 voltage (power adapter convert) :110VAC 230VAC
- 2 standby power:9V/DC (6 × AA)
- 3 operate frequency: 433MHz 315 MHz
- 4 operate channel:6(wireless channel has 6, 2 of 6 are also wire channels)
- 5 alarm method:sound and light alarm indicator
- 6 alarm current:150mA
- 7 out power static current: 26 mA
- 8 standby power static current:16 mA(when out power cut)
- 9 alarm time:3Min 30seconds
- 10 alarm sonority:90db
- 11 remote control distance: 30m(wide place)
- 12 battery low-voltage alarm:7.5V~7.9V

13 the system include unit: general controller(with power adapter)、single doorbell remote controller(battery included) 、 4-key remote controller(battery included) 、 power adapter(input voltage 110VAC/230VAC, output voltage 10~12V/DC, current 1A) 、 DPS-55 PIR detector(battery included)、 door magnetism(battery included). The unit for choosen: other type detector, smoke alarm with RF、 dial number equipment etc.

14 working LEDs:

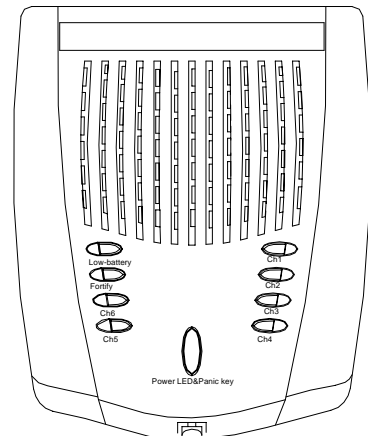
Ch1~Ch4: red, wireless detector channel LED;

Ch5~Ch6: red, both wireless and wire detector channel LED ;

Fortify: green, fortify LED ;

Low-battery: green, battery low-voltage LED ;

Power LED&Panic key: green, out power LED. when out power is connected, it lights. At the same time, the key is panic key, press the key, the general controller give panic alarm.



GENERAL CONTROLLER

SUMMARY

1. channel indicate: when detector working, general controller alarm and corresponding channel LED should light.

2. low-voltage indicate: when standby power is below set value, cut off out power, you can see Low-battery LED flashing and remind you to replace battery in time.

3. tamper protection: when front cover is opened, general controller will give alarm, the 8 LEDs on the left and right all flash.

4. two remote controllers:

- single-key doorbell remote controller: power voltage DC12V, it can be installed out of the door and used as remote control doorbell;
- 4-key remote controller: power voltage DC12V, it is used for panic alarm, time-delay fortify, quick fortify, cancel.

5. fortify: when host leave home, use remote controller to set general controller on fortify state, when someone enter its detection field, general controller will give alarm (>90db), if connect dial number implement of our company, general controller will also give alarm weft, for example 110 or your home's telephone.

6. cancel: after host come back home and cancel the general controller's fortify state, when host enter detection field, the general controller will not alarm.

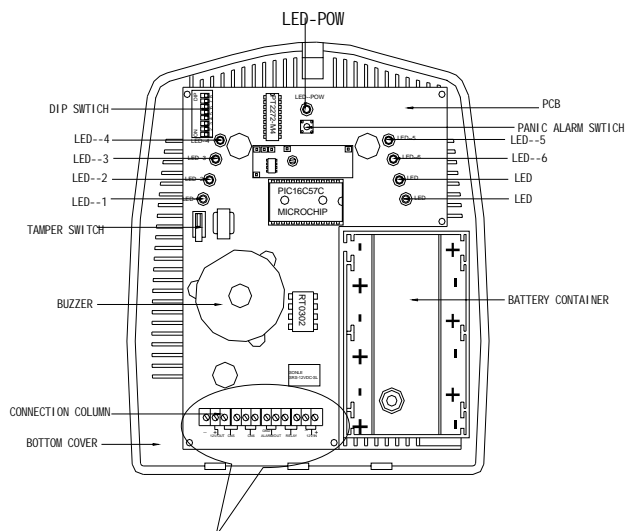
7. panic alarm: when danger occur in your home, you can press the panic key to give panic asking for help signal to neighbor or others and obtain other's help.

8. alarm memory: on fortify state, when host isn't at home there is person enter detection field, general controller alarm, after the alarm stops, the corresponding LED still light to indicate that channel ever had danger, only after using remote controller to reset, the LED will be off.

GENERAL CONTROLLER

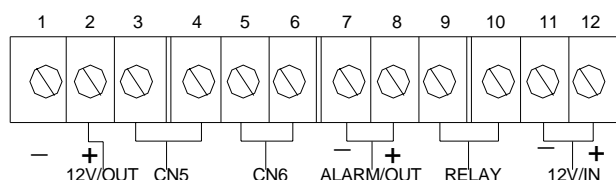
1. Connection-wire figure:

- 1.1. terminal 1&2: output voltage, connect 1 with "-", connect 2 with "+";
- 1.2. terminal 3&4 can connect with wire detector, is 5th channel CN5, corresponding indicator is Ch5;
- 1.3. terminal 5&6 can connect with wire detector, is 6th channel CN6, corresponding indicator is Ch6;
- 1.4. terminal 7&8: alarm output, when it alarm, other alarm connected with it also alarm, 7 connect with "-", 8 with "+";
- 1.5. terminal 9&10: other output;
- 1.6. terminal 11&12 input voltage, connect 11 with "-", connect 12 with "+".



2. operation

- 2.1 install detector on selected position;
- 2.2 connect wire according to connection-wire figure: connect "-" and "+" of power adapter to terminal 11&12, and the polarity can not be connected oppositely, connect CN5 and CN6 with wire detector, they are two wire channels, the corresponding indicator separately is Ch5 and Ch6, **NOTE: if CN5 or CN6 is not connected, general controller will alarm and corresponding channel LED (Ch5 or Ch6) will light, so when no wire detector connected, CN5 and CN6 should be short connected avoiding unwanted alarm;**
- 2.3 install 6 AA batteries into battery container according to right polarity;
- 2.4 plug power adapter into power socket, power LED should light, Fortify and Low-battery LEDs flash once 0.5 second, after 60s, general controller give one DI sound, Fortify LED flashes once 2s and Low-battery LED stop flashing and remain on. **NOTE: during this 60s, any operation is not effect.**
- 2.5 close front cover. **NOTE: after power is on, there is 60s to wait you close front cover avoiding tamper alarm.**
- 2.6 press the panic key on general controller, it give panic alarm and all LEDs light, the alarm time is 3Min 30s (press the cancel key on 4-key remote controller to stop alarming quickly);
- 2.7 press fortify key on 4-key remote controller, set general controller on fortify state;
- 2.8 test every detector one by one, when wire detector work, general controller alarm, the alarm time is 3Min 30s, the corresponding channel LED (Ch5 or Ch6) should light. When wireless detector work, general controller should alarm, alarm time is 3Min 30s, corresponding channel LED (Ch1 or Ch2 , 3 , 4 , 5 , 6) should light.



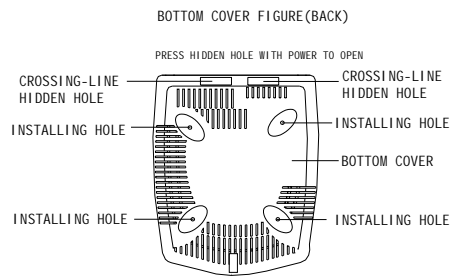
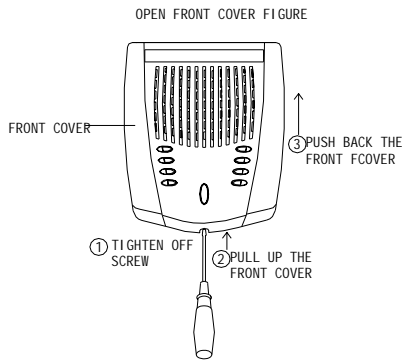
3. attention:

avoid installing the unit on metal base;
when general controller alarming, the sound is very high, so when alarm occur, you should eliminate it in time avoiding affecting others.

if power adapter need replacing, the replacing adapter's standard should be: input voltage 110VAC/230VAC, output voltage 10~12V/DC, current 1A. suggest you contacts with supplier and use original adapter.

if the power adapter is connected oppositely, the unit will not work, but it will not be damaged;

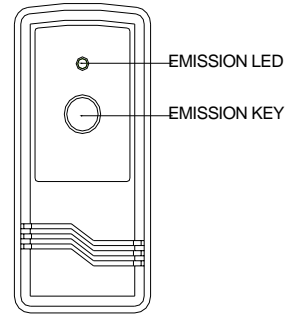
the connection line between wire detector and general controller should not exceed 3m, and should install detector out of the way.



DOORBELL REMOTE CONTROLLER

1. operation: install it out of the door and use it as remote control doorbell, press the key, general controller will give Dingdong Dingdong to remind host open door. It can not operate other function of the general controller.

2 . Attention: avoid installing the unit on metal base.



DOORBELL REMOTE CONTROLLER

4-KEY REMOTE CONTROLLER

1 . operation

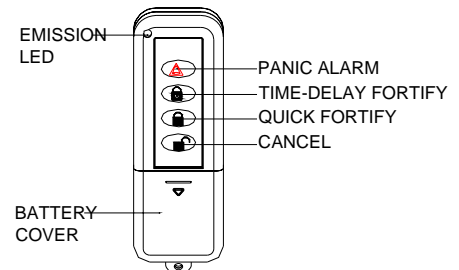
1.1 press the panic alarm key, general controller will give panic alarm and the 8 LEDs on the left and light all light.

1.2 press time-delay fortify key, general controller will give DI... DI....., Fortify LED flash once a second, after 60s, it give DI DI DI then sound stop, it enter fortify state, Fortify LED flash once 2s.

1.3 press quick fortify key, general controller give DI and it enter fortify state, Fortify LED flash once 2s.

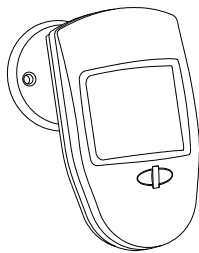
1.4 press cancel key, you can cancel above operation, general controller give DI DI, that indicate operation has been canceled.

2 . Attention: avoid installing the unit on metal base.



4-KEY REMOTE CONTROLLER

WIRELESS DETECTOR DPS-55



1 . Jumper setting (like right figure)

1.1 Sense once to emit: sense once, the sensor emit signal , 15S later after it emit signal, sense once again, the sensor emit signal again.

1.2 Sense twice to emit:

sense twice, the sensor emit signal , 15S later after it emit signal, sense twice again, the sensor emit signal again. **This setting enhance its preventing false-alarm and preventing-pet function.**

2. test

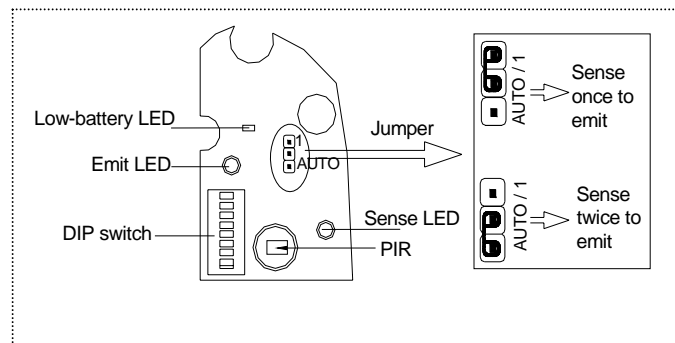
2.1 press the fortify key on 4-key remote controller, set the general controller on fortify state.

2.2 set the jumper on needed position;

2.3 install 9V battery, after 60s the sensor enter stable working state;

2.4 move along the tangent of the lens, sense it, the sense LED light and then it emit signal to general controller, the emission LED light;

2.5 after receiving emission signal, general controller give alarm(>90db), the alarm time delay is 3Min 30s, provided that its corresponding channel is channel 3, the Ch3 should light(press cancel key on 4-key remote controller to stop alarm quickly).



3. Attention:

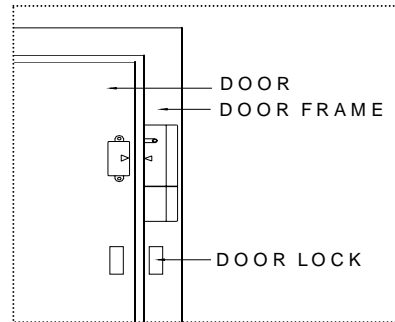
3.1 Low-battery indicate: when the battery energy is below 7V, the low-battery LED in crystal board will flash once a second and you should replace the battery;

3.2 Avoid installing the unit on metal base;

3.3 Avoid installing the unit where sun shine or temperature change obviously, for example: air conditioning, heater etc.

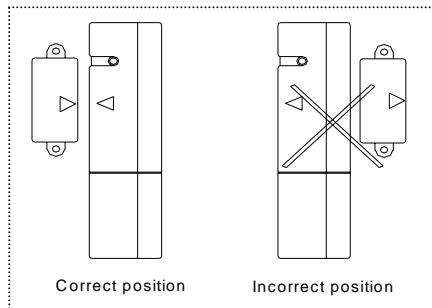
DOOR MAGNETISM

1. install magnetism and emitter on upright position of door lock, the distance between them is 3mm~5mm and triangle on emitter aim at triangle on magnetism(like right figure);
2. install DC12V battery into emitter;
3. press fortify key on 4-key remote controller, set general controller on fortify state;
4. Open door, the emitter is triggered and its LED light, then emit signal to general controller, the general controller alarm, provided that its corresponding channel is channel 5, the Ch5 should light.



5. Tamper design: Under the condition that the triangle on emitter aim at triangle on magnetism, when emitter's battery lid is removed, it will emit signal and its LED light.

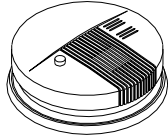
6. Attention: the magnetism should be on the left of the emitter(like following figure).



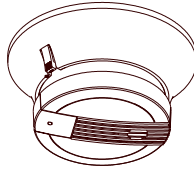
THE SYSTEM CONFIGURATION

<p>Basic configuration</p>	<p>General controller*1 doorbell remote controller*1 4-key remote controller*1 DPS-55 PIR detector*1 door magnetism*1</p>
<p>The units for your choosing at will</p>	<p>Wire detector:</p> <p>TK-5 glass-break detector 695 PIR detector DDT-15 glass-break& PIR detector double detector</p>

wireless detector:

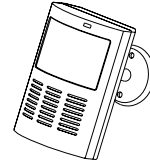


DSW-98A
Smoke detector



Smoke detector

wire or wireless detector:



TK-9
PIR detector