Contents

SC-2003E   Introduction

User's Manual

🔲 Part1. Introduction

   SAINT wireless alarm system is very easy to set up and operate .it can be used at homes, shops, offices, garages, other places. it owns very highly reliability. this system is composed of the host, remoter, door/window detectors, infrared detectors, charge abelpower,ect,. And users could install these parts according to real need,when you leave house ,just set up the host to guard,and all the detectors and sensors will monitor your house,if there are thieves want to breakin your door or there are thieves want to break in from door,window or balcony, the host will both make sound and flash to tell the neighborhoods'attention and scate thieves away**.**

🔲 Part2. Performance

1.Production Characteristic:

1). Self-help installation: each parts of the system can be installed separately.

2).The easy operation:only press the key of the remote controller,you can enter or exit the working state..

3) the better compatibility: the host can connect with other factory produce the wireless detector singal.

2 .Production Function:

  1).door/window detector: when the door/window detector detect the   singal which the door/window is unclenched then alarm.

2). Human body detect and alarm: in the guard room to detect the humna body motion and alarm.

3). emergency alarm: press the emergency button on the remote controller ,then actualize emergency alarm.

4). Alarm sound: when alarm ,the sound exceed 108DB/meter.
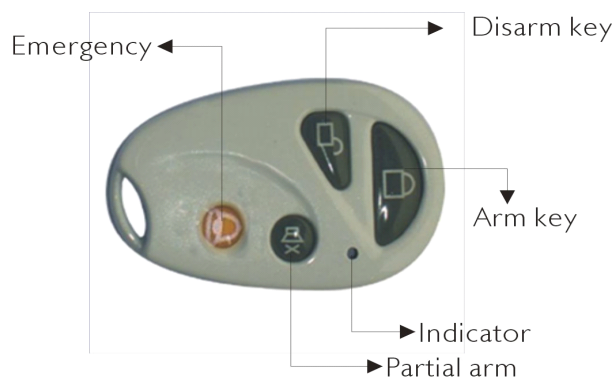
🔲 Part3. System Installation

1. **Host:** the host.is the center of the the alarm system. all the detector's informations send to the host by wireless signal,then the host make sound and flashing..

2. **Door/Window detector:** monitor the door and window 's on-off status .while the magnetic switch have low voltage indicator, it will inform the user to change the battery in time.

3. **Remote**: used to control the host of arm,disarm, partial arm and emergency help.
4. **Emergency button:** used when meet inbreak emergency robbing,only press this button , here ,send wireles signal to the host, then the host will alarm.
5. **Infrared detector:**check the movement of the inbreaker' movement,and send signal to the alarm host.
6. **Power Supply:**AC110-220V 50-60HZ, outputDC12V power supply adapter

Part4. Installation Notice

1. the host should be away computer and TV ,micro-wave and so on from exceed 1 M
2. detector should fix on within the effective scope of the host accept signal.
3. install the battery when use,attend to the anode and cathode of battery.
4. the two parts of door magnetic sensor must fix on door and doorframe
5. the detector can't face to sunshine,airconditioner,lighting power and the diretion of infrared source directly.when the detector is working ,must avoid convection with air.
6. this product are suitable for inside,not outside.

Part5. System Operation

1. press arm key to set guard.
2. press disarm key to cancel guard.
3. press emergency key for urgency alarm

Part6. Basic Package

Host	X1	Power supply adapter	X1
Wireless remote controller	X2	Wireless magnetic switch	X2
User's manual	X1		

Part7. Trouble Shooting

Problem	Reason	Solution
plug in the power supply,the indicator light do not light	the BNC didn't insert well	check the power supply and BNC
The remote controller can't work well.	The Battery can not contact well	Open plastic case and put the battery well.
The remote controller can't work well.	Low battery.	Change BP12V, 27A battery.
Door sensor can not work well	Wrong install place.	Change the location of the Reed Switch part, and the Magnet part.
Door sensor can not work well	Low battery.	Change BP12V, 27A battery.
PIR detector false alarm	Fixing place, angle,and height is not right	1. can't face exactly to sunshine 2. can't face ventilation window 3. The height can't low 1.7m
The host receiving distance is short.	There are things between transmitter and receiver.	Pull out the antenna of the host.
The host receiving distance is short.	Once get power,the indicator light is not in normal status.	Cut power supply ,after 5 minutes plugging into trying again

Notice :if above methods can't deal,please contact with dealer.

Part8. Technical Parameters

1. Host
1. working voltage: AV 110V-240V 50-60HZ.   DC 12V/600MA
2. static current:30MA
3.alarm current: 600MA
4.receive frequency;433MHZ($\pm$75KHZ)

2. Infrared Detector
Static current: <30uA.

Alarm Current: 15mA.

Efficiency detect distance: 8m*8m.

Angle: horizontal110 Degree.

②working environment:temperature:-20°C-55°C and humidity < 95%

③battery working times:continual over 5000 hours

④lauch frequency:433MHZ($\pm$75HZ)

⑤working voltage:9V

3.Remote Controller
①control distance :>80M
②battery model:12V 27A

③static current:OMA

④lauch current:>5MA

⑤working frequency:433MHZ(±75KHZ)

4. Magnetic Switch Detector
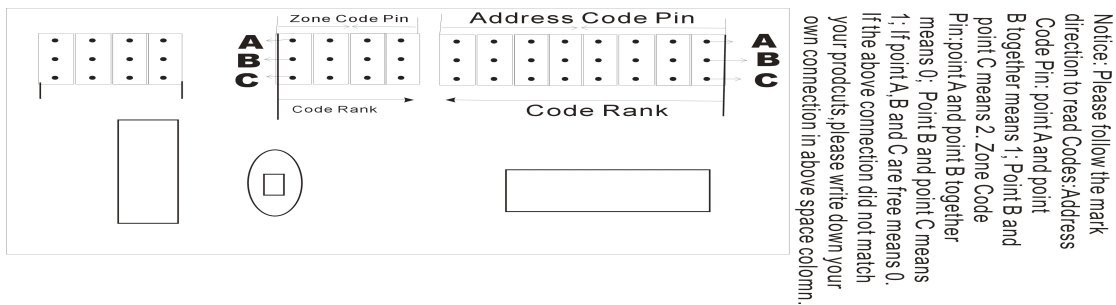
①control distance: >1cm, <2.5cm

②launch distance:widen the land :> 100m

③the battery model:12V   23A

④lauch frequency:433MHZ(±75KHZ)

Part9.Wireless Code

Wireless code: the remote controller and all the wireless derector(magenic switch, infrared, smoke detector and so on),before leave factory .have checked with the host.,if need to add the collocate,operation as follows:

1).Add the remote controller,press the "study key". arm indicator light is light ,press the remote controller of arbitrariness key,make transmit sigal ,here,   indicator light flash several times and crush out,show successfully studying, or else ,after 10 seconds ,the system automatism exit study state.

2).Add wireless detector(infrared , magenic switch ,smoke detector and so on) :press the "study key ", arm indicator light is light ,operate the wireless detector , make transmit singal,here, indicator light flash several times and crush,show successfully studying,or   after 10 seconds ,the system automatism exit study state.

3).Delect code:long time to press"study key"last 8second. arm indicator light flash, following crush,show having delected all the the remote controller's wireless detector's study code, complete all the detecting operations.after detecting,must study one by one again, or else the host can not operate.

WirelessCode:

Function zone	Data code (K3-k0)
1 zone	0011
2 zone	0101
3 zone	0110
4 zone	0111
5 zone	1001

⬜Warning statement

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

Statement:
This device complies with part 15 of the FCC rules & RSS-210. Operation is subject to the following conditions:(1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.