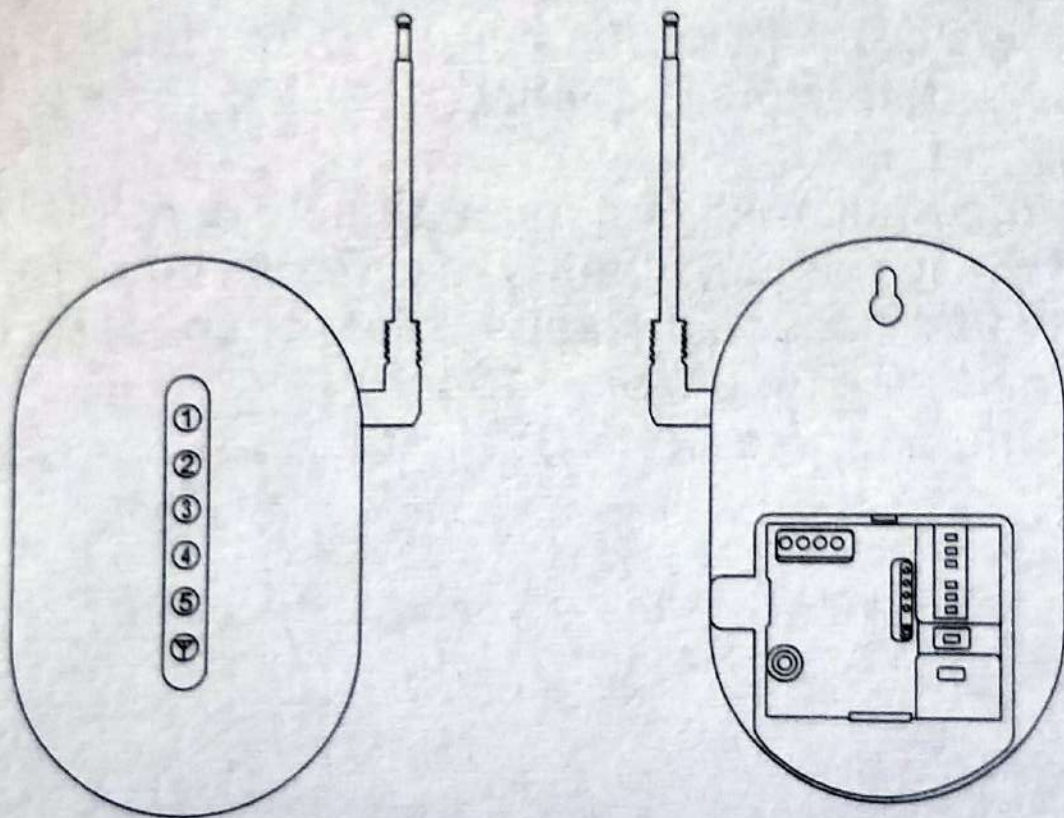


User Manual



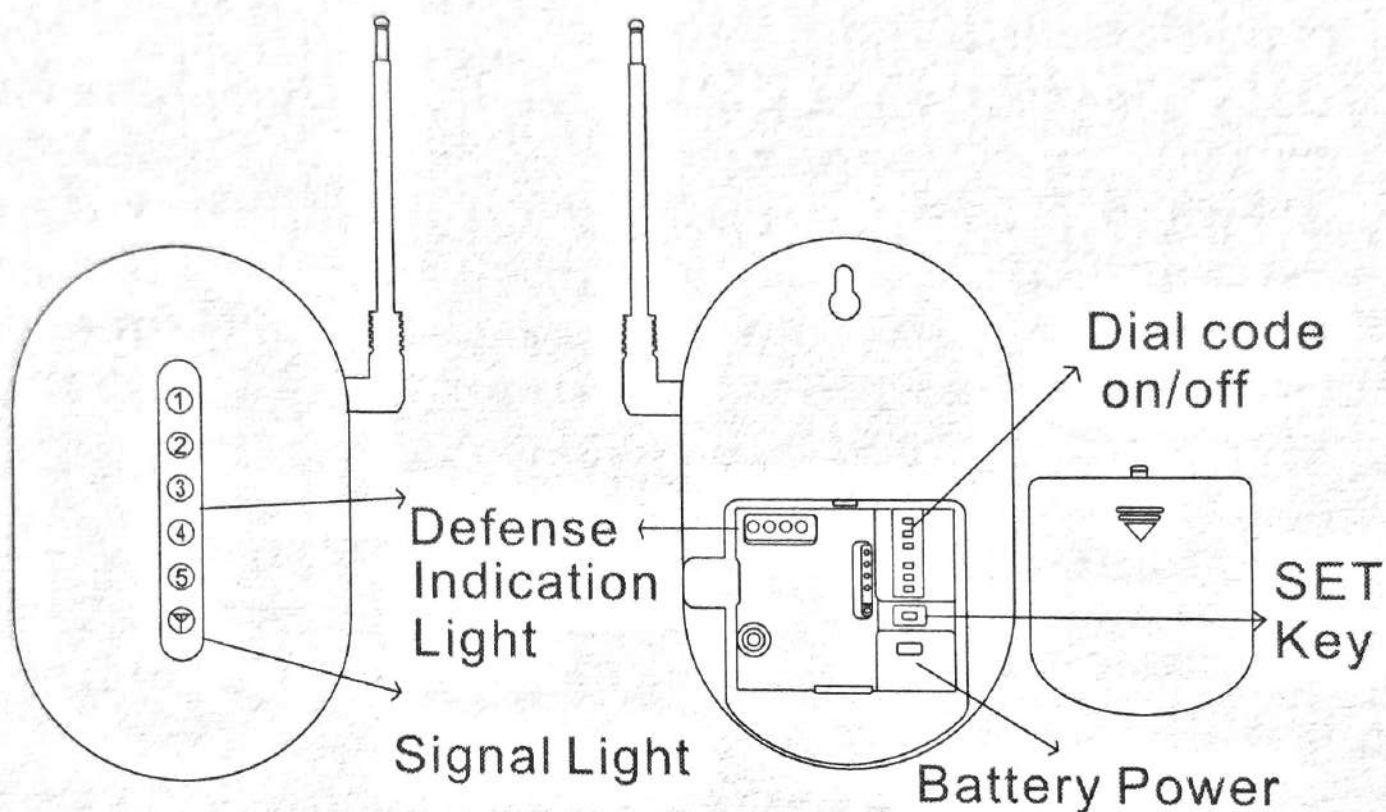
1. Brief introduction

wireless signal converter main function is to forward the detector signal to the alarm host, indirectly, extend the detector to send the distance, expand the alarm control range. For the host and the detector far away or the middle of the obstacles caused by the transmission and reception of signals is not ideal occasions.

2. Features

1. Five wireless zones 1-5 zone, the wireless detector can learn the code to the relay of the five wireless zones, each zone detector number is limited but the total number of zone detectors no more than 99.
2. Can learn remote control signal, up to learn 99 remote control.
3. Two wired zones Z4-Z5 zone, wired zone Optional short circuit alarm or open circuit alarm (NO or NC).
4. Compatible with millions of chips 1527 (resistance 150K-470K) and ordinary coding chip 2262 (resistance 1.5M-4.7M) full range of remote control and detectors.
5. Built-in rechargeable battery, an external power supply trickle charge, external power supply automatically switch battery power.
6. Built-in EEPROM chip, in the case of shutdown or power failure, learning the code on the remote control and detectors and other information will not be lost to ensure information security.

Outside design description



Operating

Learning the remote control:

Press the [SET] key, 5 red Zone LED lights are on at the same time, then stop button pressing, and it shows the remote control learning status, that access to the remote control learning state, then press the remote control of any one key to trigger a signal, if you hear the prompt "beep", 5 LED flashing twice, said the remote control learning success, if you hear "Di" sound, 5 LED flashing that the remote control has been re-code, to learn other numbers remote control, directly to the remote control Any one key, if you hear "Di Di Di", 5 LED flashing, that has learned to learn more than 99 different encoding remote control. Exit the learning state is to press the short SET button 5 times, every 1 second press the SET button, hear "tick" twice, all the zone lights off to show the state of withdrawal. (Note: 20 seconds without any signal will automatically exit when the learning state)

Remove the remote control:

Long press 【SET】 key, 5 red zone LED lights at the same time after the stop button, that access to the remote control learning state. Press and hold the [SET] key to hear the "beep" four beeps, and the five LEDs flash and turn off, indicating that all the remote controls are deleted.

Learning the detector:

Long press 【SET】 key, 5 red zone LED lights at the same time after the stop button, said into the remote control learning state, short press 【SET】 key to enter the zone

Learning 1 zone: press the SET button 1 times, 1 zone indicator light when the "learning 1 zone"

Learning 2 zone: press the SET button 2 times, 2 zone indicator lights up, said "learning 2 zone"

Learning 3 zone: press the SET button 3 times, 3 zone indicator lights up, said "learning 3 zone"

Learning 4 zone: press the SET button 4 times, 4 zone indicator lights up, said "learning 4 zone"

Learning 5 zone: press the SET button 5 times, 5 zone indicator light when the "learning 5 zone"

Press the detector to send a signal, if you hear the prompt "beep" twice, the zone LED flashing twice, that the detector learning success; if you hear "tick" sound, the zone LED flashing If you hear "beep" three times, the zone LED flashes three times, indicating that you have learned more than 99 different coded detectors. Exit the learning state is to press the short SET button, press the SET button once every 1 second, hear "tick" twice, all the zone lights off to indicate the exit state. (Note: 20 seconds without any signal will automatically exit when the learning state)

Remove the detector:

Long press 【SET】 key, 5 red zone LED lights at the same time after the stop button, said into the remote control learning state, short press 【SET】 key to enter the zone Delete 1 zone: press the SET button 1, 1 zone indicator light is on, said "learning 1 zone", then hold down the [SET] key, hear "beep" four sound, 1 zone LED flashing four The lower lamp is off, indicating that all accessories in the zone are removed.

Delete 2 zone: press the SET button 2 times, 2 zone indicator light when the said "learning 2 zone", then hold down the [SET] key, hear the "beep" four sound, 2 zone LED flashing four The lower lamp is off, indicating that all accessories in the zone are removed.

Delete 3 zone: press the SET button 3 times, 3 zone indicator light is on, said "learning 3 zone", then hold down the [SET] key, hear "Di Di Di Di" four, three zone LED flashing four The lower lamp is off, indicating that all accessories in the zone are removed.

Delete 4 zone: press the SET button 4 times, 4 zone indicator light when the said "learning 4 zone", then hold down the [SET] key, hear the "beep" four, four zone LED flashing four The lower lamp is off, indicating that all accessories in the zone are removed.

Delete 5 zone: press the SET button 5 times, 5 zone indicator light is on, said "learning 5 zone", then hold down the [SET] key, hear "Di Di Di Di" four, 5 zone LED flashing four The lower lamp is off, indicating that all accessories in the zone are removed.

reset:

Turn off the adapter power, set the battery switch to OFF, hold down the [SET] (picture) button, then connect the power adapter, hear the transmitter issued a "beep ...". Flashing 10 times after the fast flash to stop flashing, the transmitter to restore the factory settings, learning the remote control and detectors were all deleted.

3. Signal forwarding and indicator light Remote control and 1 ~ 5 woo a wireless zone detector is triggered, the transmitter will only forward the corresponding signal, the indicator light 【⊕】 When the red light is on, that external USB power supply; light 【⊕】 red light 5 Seconds flashing once, indicating battery power. Indicator light

【⊕】 green light for 2 seconds after the long off that the transit of the remote control or in the automatic forwarding mode to receive the received signal. Indicator light 【⊕】 red light long 2 seconds and 【⊗】 green light is bright for 2 seconds after the extinguishment in transit to learn 1 ~ 5 zone detector signal, indicator light

【②】 red light on behalf of the study to the second zone The detector signal is forwarding; cable 4 ~ 5 zone detection trigger, light

【④/⑤】 red light long 2 seconds and 【⊕】 green light long 2 seconds after the extinguishment, suggesting that the cable is sending signal.

DIP switch settings :

As shown in the installation wiring diagram, the transmitter has six DIP switches, namely Z4, Z5, 4.7M, 3.3M, 2.2M, 1.5M switch. 1-2 corresponding to the Z4 and Z5 switches were controlled cable zone 4,5 zone, when allocated to NO, said the cable zone for the NO short-circuit alarm, dial to NC, said the cable zone NC open alarm; 3-6 No. switch 4.7M, 3.3M, 2.2M, 1.5M is used to select the detector signal that does not learn the corresponding shock resistance. If the DIP switch is all set to ON, the host will enter the auto-forwarding mode and will automatically Forward all received signals; if the DIP switch all dial to OFF, the host will enter the auto-forwarding mode, will only forward the learned signal.

- ◆ 1.5M is ON, forward 2262 chip resistance of 1.5M detector;
- ◆ 2.2M is ON, forward 2262 chip resistance of 2.2M and 1527 chip resistance of 150K detector;
- ◆ 3.3M is ON, forward 2262 chip resistance is 3.3M and 1527 chip resistance of 220K detector;
- ◆ 4.7M is ON, forward 2262 chip resistance of 4.7M and 1527 chip resistance of 330K detector.

The above switches can also be selected, such as 2.2M and 4.7M at the same time set to ON, the 2262 resistance of 2.2M and 4.7M, 1527 resistance of 150K and 330K detectors will be forwarded. The forwarding of these alarm messages is not limited by the disarming of the transmitter. (Different manufacturers of 2262/1572 chip shock resistance resistance may be inconsistent with the table below, the specific data provided by the chip manufacturers shall prevail.)

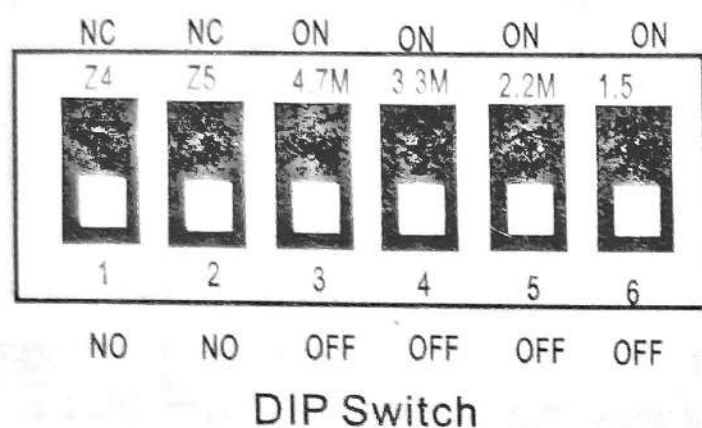
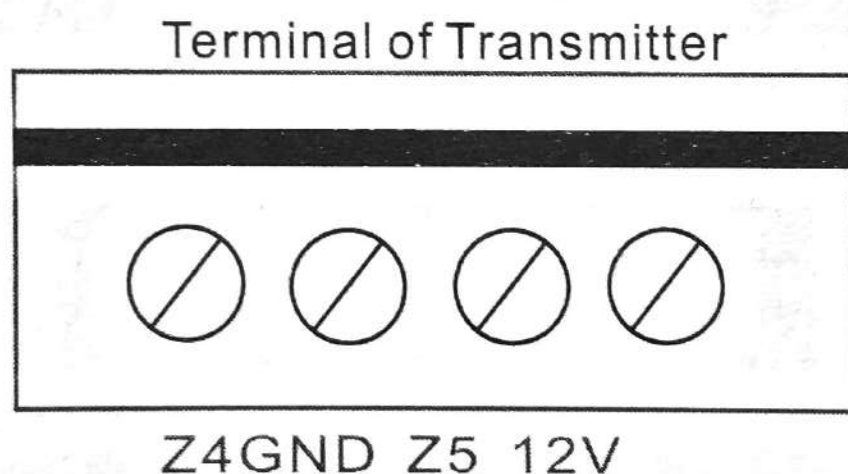


Table of 2262/1572 Resistance

Switch Position	2262 Resistance	1572 Resistance
1.5MON	1.5M	
2.2MON	2.2M	150K
3.3MON	3.3M	220K
4.7MON	4.7M	330K

5. Wired zone connection

Z09 converter has two sets of cable zone, Z4 and Z5, can be normally open or normally closed cable detectors, as shown below.



Wiring method: The transmitter terminal Z4 (or Z5) and GND are connected with the cable detector output port, if the cable detector is normally open, the corresponding zone of the DIP switch to be set to NO (refer to the first four DIP switch Set), if the cable detector is normally closed, the corresponding zone of the DIP switch to dial NC. In the connection after the line trigger the detector, so Z09 detect a signal to the appropriate host to learn, after the success of the host in the case of arming received Z09 wired trigger after the wireless signal will be immediately after the alarm. (Note: 12V for the input power supply, the use of external power supply, 12V and 5V can choose one)

5 the standard configuration

1. Rotator 1 set
2. External antenna 1
3. 5V / 1A power adapter 1
4. User manual 1 this

Users can choose according to their own needs remote control, Menci, vibration Menci, infrared detectors, smoke detectors, gas detectors and so on.

1. External power supply: DC5V or DC12V;
2. Built-in battery: Ni-Hi DC 4.2V
3. Quiescent current: <20mA / DC 5V or <13mA / DC 12V
4. Operating current: <500mA / DC 5V or <100mA / DC 12V
5. Receive, detection frequency: 433 MHz (ASK) / 868MHz (FSK)
6. Learn the maximum number of remote controls: 99
7. Learn the maximum number of wireless detectors: 99
8. Received detection distance: 100M or so (open ground)
9. Send distance: 500M or so (open)
10. Working temperature: -20 °C -55 °C;