

Operation Instructions

Make your choice...

ADC-EB-512SP Wireless Capacitive Induction Switch

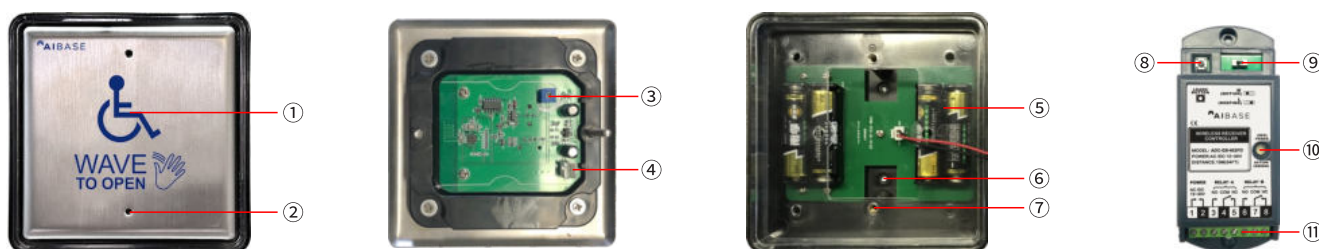


1 Safety Instructions



Thanks for your purchasing, in order to use this product better, please read this manual carefully before use it.

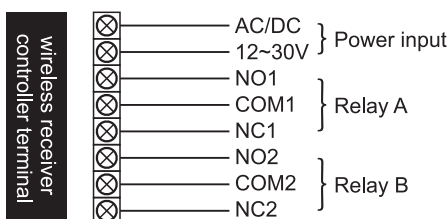
2 Product Overview



- ① Sensing panel
- ② Detachable screw holes
- ③ Sensing distance adjustable knob
- ④ Connection socket
- ⑤ Screw box
- ⑥ Bottom case fixing holes
- ⑦ Front cover fixing screw post
- ⑧ Learning button
- ⑨ Mode selector
- ⑩ LED indicator
(standby: RED light, action: GREEN light)
- ⑪ Input/Output terminals

- This product wireless function adopt self-learning code, the transmitter must be matched with the receiver before use it, and it can learn up to 20 transmitters.
- Learning method: Press the learning button of the receiver for 1 second, RED light will turn to GREEN light, enter the learning state, then sensing the transmitting panel, RED & GREEN indicator lights flash twice alternately, learning successfully.
- Deleting method: Press and hold the learning button of the receiver for 5 seconds, RED & GREEN indicator lights flash alternately quickly, all codes will be deleted.

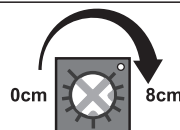
3 Wiring Diagram



NOTE: This transmitter is used with the **ADC-BE-602FD** receiver, which can only connect to the A relay connection port. The relay output of the receiver, according to the dip switch of the transmitter.

4 Output Selector and Sensing Distance Adjustment

- | | |
|---------------------------------------|--|
| L ☐ | If in the M state, it is inching output, each time the transmitter senses, relay A will output 1.5s door open signal. |
| M ☒ | |
| L ☒ | If in the L state, it is holding output, each time the transmitter senses, the output signal state of relay A will reverse once. |
| M ☐ | |



Adjust clockwise, the distance become far, adjust counterclockwise, the distance becomes closer, and the maximum sensing distance is 8cm.
NOTE: After adjusting distance each time, please power-off and re-power again for use.

5 Technical Parameters

Wireless receiver	Power supply: 6V(4PCS 1.5V-AA batteries)
Power supply: AC/DC 12~30V	Static current: $\leq 42\mu A$
Standby current: 22 mA (DC 12V power supply)	Battery life: 500 times a day for 520 days
Action current: 68 mA (DC 12V power supply)	Transmitting current: 12mA
Output signal: Relay two independent output	Infrared modulation frequency: 38KHz
Contact capacity: 3A 30V DC	Working environment: $-42^{\circ}C \sim 45^{\circ}C$, 10~90%RH
Appearance size: 123(L)x50(W)x32(H)mm	Launch distance: Open areas over 30 meters, partitions or metal shielded environments 10 meters
Wireless transmitter	Appearance size: 129(L)x129(W)x46(H)mm