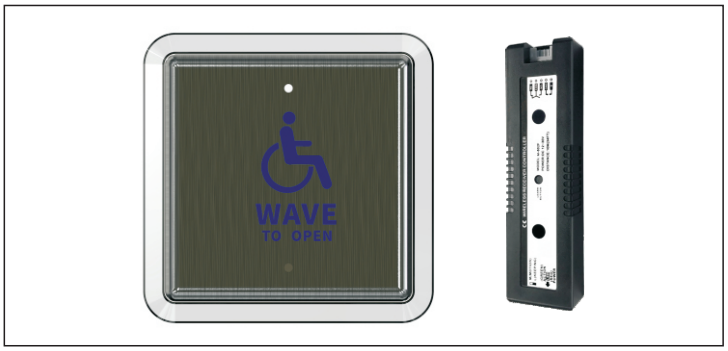
Operation Instruction

M-5201 Wired&Wireless handicap-free special switch



1 Safety Instruction

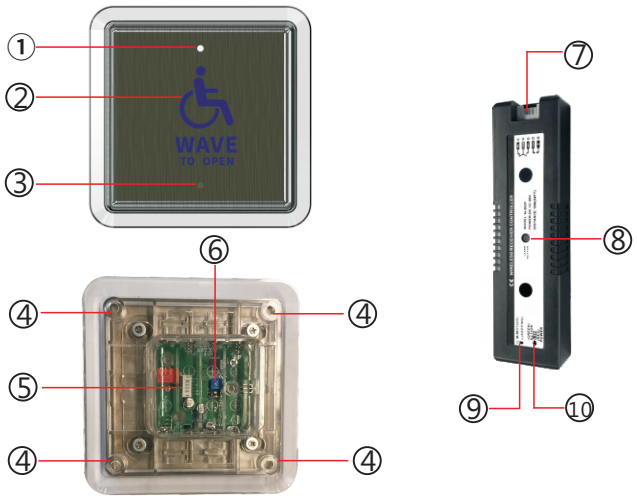
Thanks for purchasing this product. In order to use this product correctly,please read this manual carefully before use.

Note: When the power is just turned on,the Blu light of the sensor flashed. At this time,the sensor is learning the current environmental parameters,please do not touch the sensor.Wait for the learning to be completed and the red light will turn on.

2 Overall Product Characteristic

- Stainless steel metal large panel design.
- Using capacitive imported induction chip and surface metal panel as induction antenna, the key function is realized by detecting the charge change brought by the palm of human body and judging the induction action of human hand.
- Replaces traditional mechanical contact switches, non-contact sensing by hand, clean and sanitary.
- Advanced software algorithm,strong anti-interference ability.
- Induction distance 0-8 CM adjustable, for different occasions can be adjusted by themselves.
- Use double power supply 6 V4 1.5 V battery or AC/DC12~30 AC / DC power supply.The battery power supply adopts 2.4GHz wireless communication technology, unique frequency hopping technology, high stability of wireless transceiver, AC/DC12～30V AC/DC power supply with relay output, can be used with automatic doors and access control devices.
- After receiving the signal, output 1.5 seconds open door signal, with receiving LED lamp indication.
- receiver wide voltage input design ,12∽30 V dc power input.

3 Overview of Product

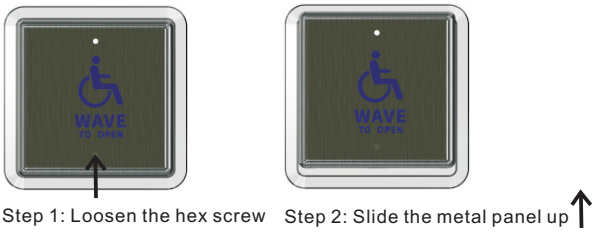


① LED Indication(AC/DC12~30 V Power supply: learning status blue light flashing, learning completed red light long,blue light flashing when action) (Battery power: Blue light blinks when powering up the learning state, red light blinks for 5 seconds in standby,Motion blue light on)

② Sensing surface
③ Panel disassembley screw hole
④ Mounting&fixing hole
⑤ Connecting terminal
⑥ Induction distance adjustment knob
⑦ Input/Output terminal
⑧ Self-learning button
⑨ Mode selector switch
⑩ LED indicators (power red, action blue)

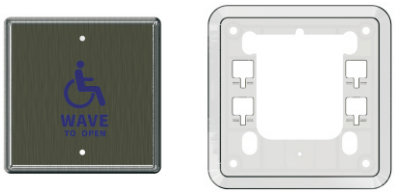
- The wireless function of this product adopts self-learning code type, and the transmitter must be learned from the receiver to use the wireless function.
- Learning method: Press the receiver on the learning key 1S release the indicator blue light, enter the learning state, at this time to sense the transmitter, the blue light blinks twice, that is, learning success.
- Deletion method: Press the learning key on the receiver 5S, the blue light blinks rapidly, i.e. all codes are deleted successfully.

4 Installation Mode

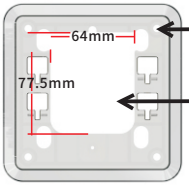


Step 1: Loosen the hex screw

Step 2: Slide the metal panel up

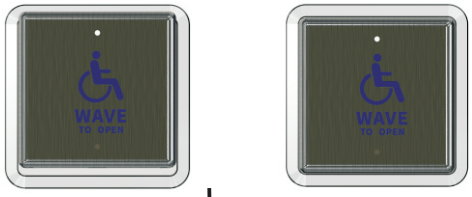


Step 3: Take out the metal panel



Step 4: Four corner lights, four mounting screw holes

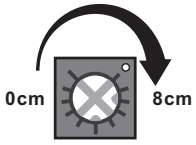
Step 5: Open a rectangular hole 64 * 77.5* 20mm



Step 6: Install the panel and slide down

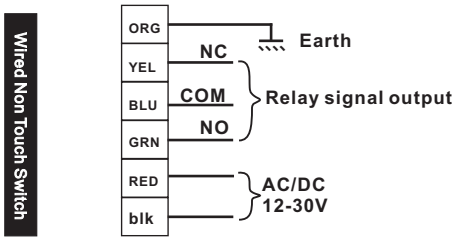
Step 7: Tighten the hex screws

5 Induction distance adjustment knob

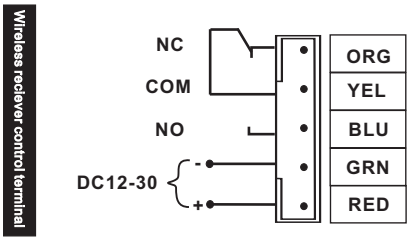


Adjust the distance clockwise to get farther, counterclockwise to get closer, and the maximum sensing distance is 8cm.

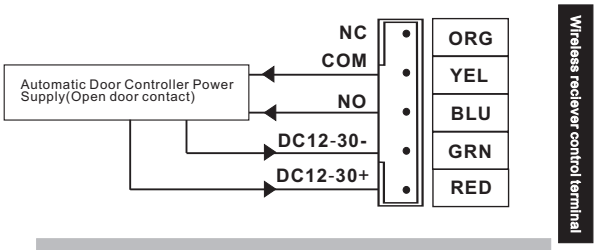
6 Wired Connection I/O wiring Definition



7 I/O wiring definition



8 Wiring Diagram



Reciever and automatic door controller wiring diagram

9 Output state selection

L / M	If the state selection switch is pulled to the M position, it is a motion output. Each time the transmitter senses, it will output a door opening signal of about 1.5seconds.
L / M	If the status selection switch is pulled to the L position, it is a hold type output, and the output signal is kept. Each time the transmitter senses or touches, the output state will change once

10 Parameters

Wireless Reciever	
Power supply:	DC12～30V
Static current:	30mA(DC12VPower supply)
Action current:	74mA(DC12VPower supply)
Output singal:	Relay signal output
Main contact capacity:	1A 24VDC
Wireless Switch	
Power supply:	6V (4pcs 1.5v AA batteries)
Static current:	≤38uA
Battery life:	500times/day,can be used 520days
Emission current:	12mA
Launch distance:	over 30meters
Power supply:	AC/DC30V
Static current:	4.3mA(DC12VPower supply)
Action current:	17.5mA(DC12VPower supply)
Main contact capacity:	1A 24VDC
Sensing distance:	0-8cm Adjustable
Working temperature:	-42℃∽45℃
Working humidity:	10∽90%RH
Size:	110mm (L) ×30mm (W) ×15mm (H) (wireless reciever)
	136mm (L) ×136mm (W) ×34mm (H) (faceplate)