

Make your choice...

The image displays three different models of Wave modules. On the left is the M-501H Exposed type, a circular module with a black top surface featuring a white 'WAVE' logo and signal icons. In the middle is the M-501HQ Embedded type, which is similar in design but with a different top surface texture. On the right is the M-501S Embedded type, a rectangular module with a black top surface and a white label that reads 'CE WIRELESS MODULE CONTROLLER' and includes technical specifications and a barcode.

M-501H  
Exposed type

M-501HQ  
Embedded type

M-501S  
Embedded type

 Thank you for your purchase, please refer to the following manual before use.

**Top View Labels:**

- Batteries
- Mode selector switch
- Sensing distance adjustable knob
- LED indicators
- Infrared ray receiving window
- Infrared ray transmitting window

**Side View Labels:**

- Mode switch
- Power-RED light
- Action-blue light
- Learn button
- Connect terminal

**Wiring Diagram:**

- Automatic door machine control power (door open connect) connects to COM, NO, DC12-30-, and DC12-30+.
- Wireless receiver control terminal connects to Orange, Yellow, Blue, Green, and Red.

Adjust clockwise, the distance become far, adjust counterclockwise, the distance become close, the maximum sensing distance is 18cm.

① M ☒ M position, it is a inching output. Each time touch the transmitter, it will output a door opening signal about 1.5 seconds.

② M ☐ L ☒ L position, it is a holding output, output signal is kept. Each time touch the transmitter, the output state will flip once.

- This product is self-learning code type, the transmitter code must be matched with this controller before use, can learn up to 20 transmitters.
- Learning method: Press the receiver's learning button once, the blue indicator light is on, enter the learning state, at this time, touch the transmitter, the blue indicator light flashes twice, means learn successfully. After 5 seconds, it will automatically exit and return to the standby state.
- Delete method: Press and hold the learning button for 5 seconds, the blue indicator light flashes quickly, all the codes will be deleted. (Can't delete any single code)



Power supply: DC 12-30V	Standby current: ≤22μA(M mode), 40μA(K mode)
Static current: 34mA(DC 12V)	Emission current: 10mA
Action current: 62mA(DC 12V)	Sensing distance: 3-18 cm adjustable
Main contact capacity: 1A 24V DC	Infrared modulation frequency: 38KHz
Contact holding time: 1.5 seconds	Infrared scan interval: M mode:330ms, K mode: 250ms
Sensitivity: -95dbm	Batteries life: 200 times each day, about 190 days
Dimension: 110(L)x30(w)x15(H)mm	Transmitting distance: open areas over 30 meters
<b>Transmitter</b>	Dimension: 64(ø)x12.4(H)mm
Power supply: 3V(2pcs 3V button cells in paralled)	Embedded type fixed hole size: 53(ø)mm