Operation Instructions

M-501/501Q Wireless Metal Touch Switch

M-501
Exposed type

M-501Q
Embedded type

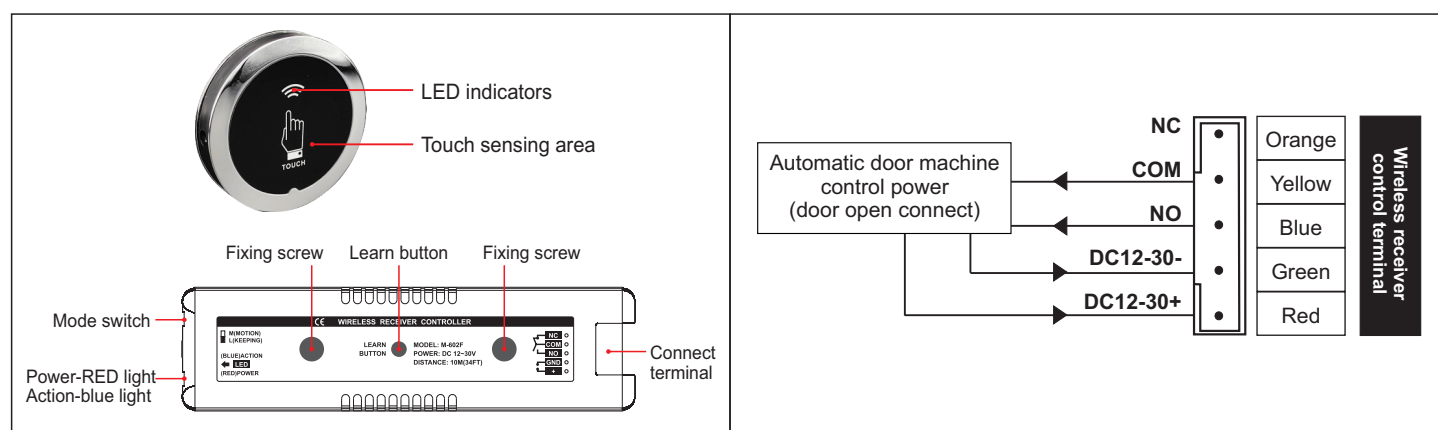**1 Safety Instruction**

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

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2 Product Overview

LED indicators

Touch sensing area

Fixing screw   Learn button   Fixing screw

Mode switch

Power-RED light
Action-blue light

Connect terminal

Automatic door machine control power (door open connect)

NC
COM
NO
DC12-30-
DC12-30+

Orange
Yellow
Blue
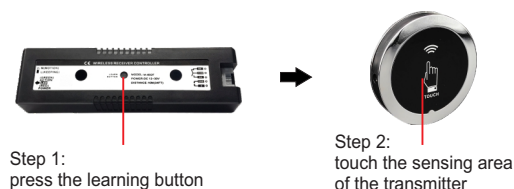Green
Red

Wireless receiver control terminal

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3 OutTPUT State Selection

① M / L 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.

③ M / L Nomally Open function in the M state: when in the M position, touch and hold the transmitter continuously for 10 seconds until the LED indicator flashes, the receiver enter to NO state, only touch transmitter again, turn off the NO state.

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4 Pairing method

■ 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)

Step 1:
press the learning button

Step 2:
touch the sensing area
of the transmitter

NOTE: Since the system learned the current touch environment when installing the batteries, it may be in a state of constant sensing when it is just fixed. Don't touch the switch panel at this time, and the system will learn the new background environment again after 16 seconds.

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5 Technical Parameters

	Transmitter
Power supply: DC 12-30V	Power supply: 3V(2pcs 3V button cells in paralled)
Static current: 34mA(DC 12V)	Standby current: ≤10μA
Action current: 62mA(DC 12V)	Emission current: 7.5mA
Main contact capacity: 1A 24V DC	Batteries life: 200 times each day, about 300 days
Contact holding time: 1.5 seconds	Transmitting distance: open areas over 30 meters
Sensitivity: -95dbm	Dimension: 64(ø)x12.4(H)mm, 53(ø)mm(embedded type fixed hole size)
Dimension: 110(L)x30(w)x15(H)mm	