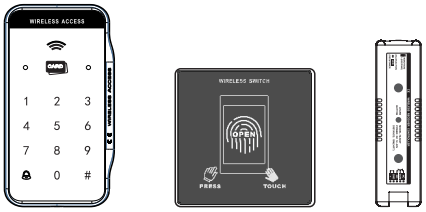
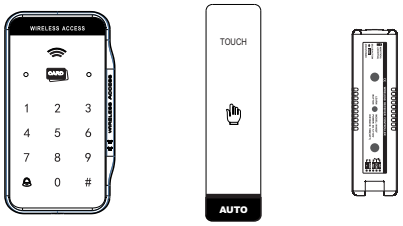
Operation Instructions

M-272F/273F Wireless Password & Card Reading Access Control Kits

M-272F Sets



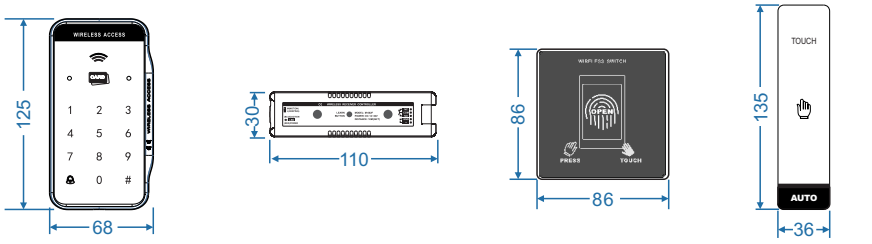
M-273F Sets



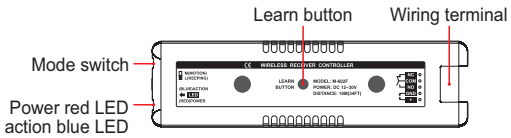
1 Safety Instructions

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

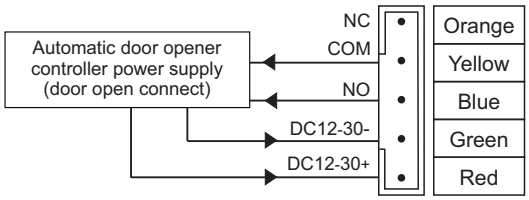
2 Product Dimension



125*68*16.5mm　110*30*15mm　86*86*14mm　135*36*10mm



3 Wiring Diagram

Wireless receiver control wiring diagram	Output state selector
	① M L M state, inching output, every time the switch or access control is triggered, it will output about 1.5s opening signal. ② M L L state, holding output, and the output state will be reversed once every time the hand switch or access control is triggered. ③ M L Normally open function in M state: if in M state, touch and keep the transmitter for 10s, the indicator light flashes, then the receiver enter the normally open state, when touching the transmitter again to remove normally open state.

4 Special Function Key Definition

1. Press "9" key for 3 seconds for code matching function.
2. When in the system operation, the doorbell key as cancel exit function key; In the standby state, it will be doorbell key.
3. The doorbell key need to match with our 2.4G wireless doorbell to operate.

Code Matching Methods

Code matching between receiver and access control machine: Press the learning button of controller, LED light is on. Within 5s press "9" key of the access control machine for 3s, you will hear a beep voice, release the key. Or directly verify the effective door opening, the blue learning LED light flashes, means learning success.

Code matching between controller and exit button: Press the learning button of receiver, blue LED light is on, enter the learning state. At this time, directly trigger the wireless touch exit button once, and the receiver's blue learning LED light flashes, means learning success. After 5s, it will return to standby state.

Delete method: Press and hold the learning key for 5s, BLUE indicator light flashes quickly, all codes will be deleted (code can't be deleted individually)

Normally Open Function: Trigger and hold the exit button for more than 5s, then release it after the indicator light flashes, the receiver will enter the normally open state. When touch and trigger the switch again, normally open mode will be cancelled.

NOTE: Wireless access control machine's start up time should be within 4s, otherwise the door will be NO state, the factory default setting is 2s. Each receiver can learn up to 20 transmitters, or the exceeded ones' will cover the transmitter in the front row.

5 Use State Indicators

Standby	Unlocking status	Open the door by card	Open the door by password	Open the door by Card+Password
Light off	Green light normally on	Valid card: Green light normally on with long voice; Invalid card: short voice 3 times.	Password correct: Green light normally on with long voice; Password mistake: Short voice 3 times.	Invalid user: Short voice three times. Valid user: Green light on, then red light on. Valid user2: Green light on, with long voice.

6 Programming Operation

6-1. State Indicators

Steps	#	12345	41#	000#	Card reading	🔔
Voice & Light tips	Green light flashes	**Password correct:** Green light normally on, with long beep voice; **Password false:** Short beep voice for three times.	Green light normally on	3-digit users number 000-999 **User number valid:** Green light on. **User number invalid:** 2 beep voice.	**Add valid card:** A long beep voice. **Add invalid card:** Short beep voice for three times.	Red light flashes

6-2. Operation Process

Operation name	Press	System password	Func-tions	Operation	Log-out	Operation result	Remark	
Modify system password	#	12345	1	88888#88888# (For example)	🔔	System password change as 88888	System password: 5 digits	
Modify open door password	#	12345	2	2580(For example)	🔔	Open door password changes as 2580	Open door password: 4 digits	Normally used
Set the door opening method	#	12345	3	01	🔔	Modify as card or password both can open the door	00-Open door by card; 01-Open door by card or password; 02-Open door by card+Password.	
Add card (Designated number)	#	12345	4	0#***# reading card (*** is user number, no repeat number between 000-999)	🔔	Card saved with the input number	Remember the card number may be useful when deleting the card	
Add cards (continuously reading cards)	#	12345	4	1#***# reading card ... reading card (The user number has 3 digits since 000-999)	🔔	Card saved with the input number and each card number is automatically incremented by one card number	Remember the card number may be useful when deleting the card	Normally used
Delete cards (Number deleted)	#	12345	5	0#***# (The user number has 3 digits since 000-999)	🔔	Delete the card corresponding to the inputted number	Each time you input a number, then press "#" button to delete a card.	
Delete cards (continuously cards)	#	12345	5	1#Card reading…	🔔	Delete continuously read IC cards.	Can continuously read cards.	Normally used
Delete all cards	#	12345	6	88#(Long voice)	🔔	Delete all user cards	After the buzzer long sound, all user cards delete successfully	
Modify open door time	#	12345	0	01s-99s	🔔	Open door time change as 2 seconds	01s-99s	Normally used
System initialization	Open the back cover and remove the battery →			Press system button, install battery, the buzzer sound, two lights flash. →		Release system button →	System password restored to 123 45, other data remains unchanged.	

7 Technical Parameters

Working method: 2.4G wireless code matching	**Wireless controller**
Environment Temperature: -10°C~60°C	Power input: DC 12~30V
Environment Humidity 20%~90%	Current: Static 34mA, Action 62mA(DC 12V power)
	Main contact capacity: 1A 24V DC
Access control machine	Receiver sensitivity: -95dbm
Working voltage: 4.2V-6.5V(4pcs AAA batteries)	Contact holding time: 1.5s
Working current: static≤50μA, dynamic 23mA	Dimension: 110(L)x30(W)x15(H)mm
Storage capacity: 1000 standard users(IC card)	**Wireless square touch exit button**
Opening Password: 1 x public password(4-digit)	Working voltage: 3V(CR2032 button cells *2)
Opening methods: card, password, card+password	Current: Static ≤10μA, Working 10.5mA
Card type: 125KEM or EM compatible card	Wireless distance: 30 meters in open area
Card reading distance: 10mm~50mm	**Wireless strip shape touch exit button**
Transmitting distance: 30 meters in open area	Working voltage: 3V(CR2032 button cells *2)
Battery use life: ≥12 months (100 times each day)	Current: Static ≤5μA, Working 10.5mA
Output time: 1-99s adjustable	Wireless distance: 30 meters in open area

8 Packing List

No.	Parts	PCS	Remark
1	Access control machine	1	
2	Hand Touch Switch	1	
3	Power supply controller	1	
4	Manual	1	
5	Certificate	1	

No.	Parts	PCS	Remark
6	Screws Bag	1	
7	3M double-sided tape	2	
8	CR2032 Battery	2	For Switch
9	IC Card	2	