

# Operation Instructions

Make your choice...

## M-288A Touchless Switch For Private Room

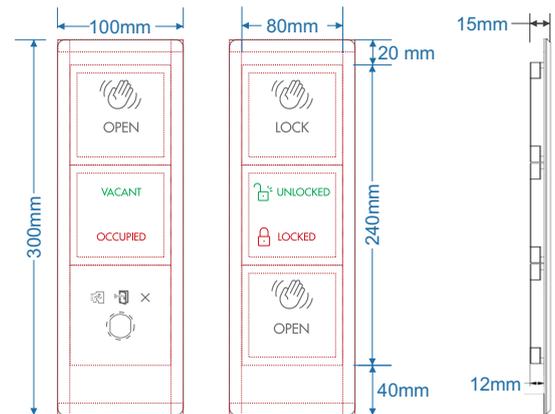
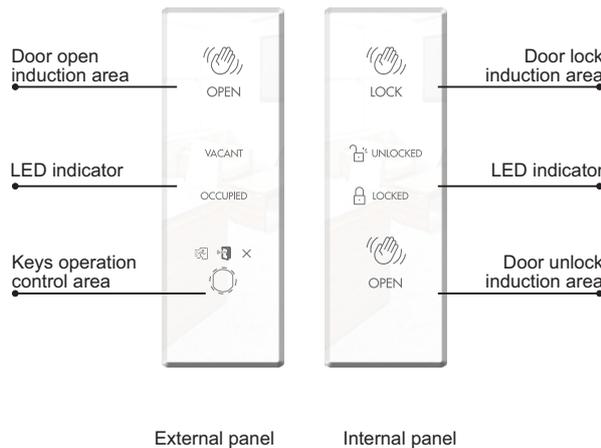


**NOTE: Simplified or Traditional Chinese, white or black panel are optional.**

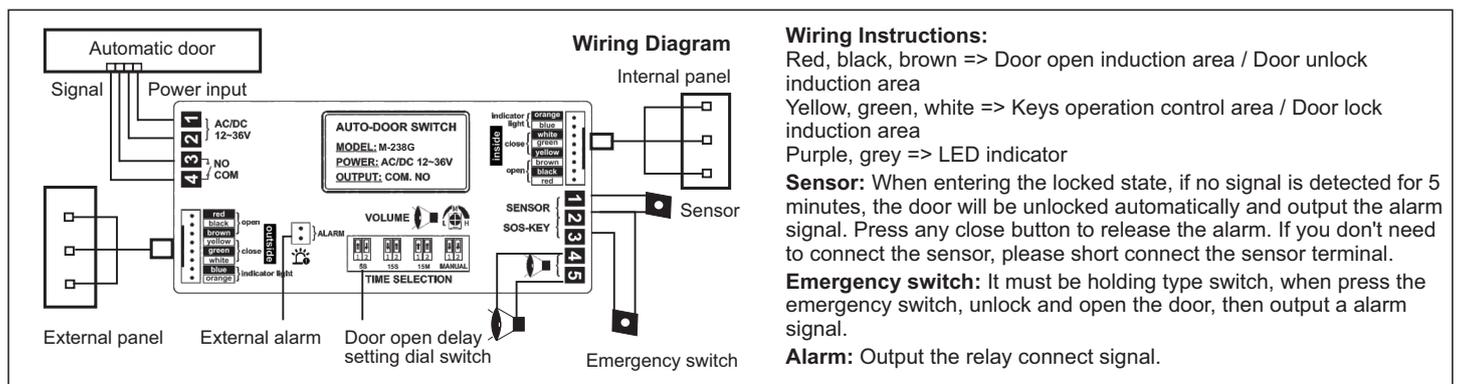
### 1 Safety instructions

**!** This device must use a low voltage with protected safety insulation, all commissioning and repair work must be installed by a professional engineering installer.

### 2 Product Overview



▲ Dimension



### 3 Using process

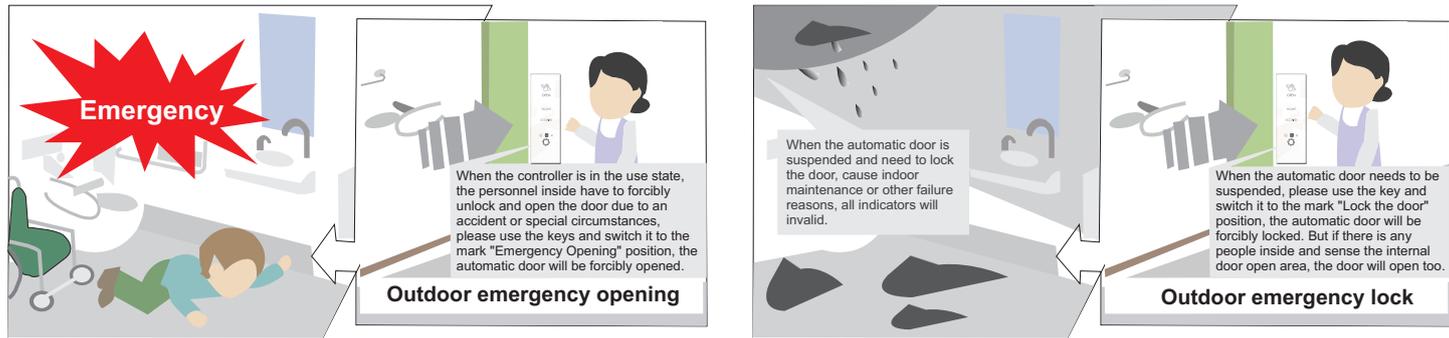
- [1] In standby state, the external panel "Vacant" indicator light is on, the internal panel "Unlock" indicator light is on.
- [2] Wave hands to sense door open induction area on the external panel, automatic door will open. At the same time, there is a voice prompt "Door is opening".
- [3] After entering the room, wave hands to sense the door lock induction area, door will automatically close and lock. At the same time, there will be a voice prompt "Door is closing". If there is no wave closed more than 5 seconds, there will be a voice prompt "Enter the room, please wave your hand and lock the door".
- [4] After door is locked, the "Occupied" indicator light of the external panel is on. At this time, if someone wave hands to sense the door open or close induction area on the external panel, will issue a "Occupied" voice prompt and the door will not be opened.
- [5] When the people inside need go out, wave hands to sense the door open induction area, the door will open automatically and there will be a voice prompt "Door is opening".
- [6] When people come out, the automatic door will be closed automatically according to the setting time of the dial switch. At the same time, there will be a voice prompt "Door is closing" and "Occupied" indicator is on of external panel.

**NOTE:**

- [1] When sense the inter panel's door open sensing area, after 5 seconds, then you can effectively sense the inner panel's close and lock sensing area to set the locked mode, otherwise it will have a voice prompt of "Door is invalid locked, please press the lock button again".
- [2] When in the standby mode for more than 1 minute, you must first sense the inner/outer panel's door open sensing area, and after 5 seconds, to sense the inner panel's close and lock sensing area, then door can be locked successfully.
- [3] When the DIP button of door opening hold time is set to manual mode, please ignore the above two items.

**!** NOTE: The system into the locked state and 25 minutes without any action indication, there will have a voice prompt "please note that this system will be unlocked after 5 minutes, if you need to continue to use, please push the confirm button, thank you, or door will unlock automatically after 5 minutes". This function can be canceled or adjusted the limited time according to customers' demands.

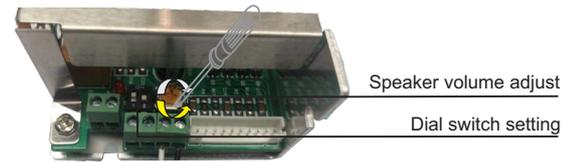
**4 Emergency Operations**



**5 Product Adjustment**

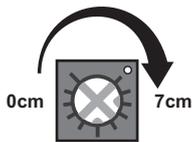
- [1] **Volume adjustment:** Adjust the position of the speaker volume, clockwise adjust for high volume, counter clockwise to adjust for low volume.
- [2] **Door open hold time adjustment:**

Dial switch setting				
ON				
TIME	5s	15s	15min	manual



- Note:**
- (1) 5s, 15s, 15min, these time means when sensing and open the door, if without any closing instructions, door will close after arrived this setting time.
  - (2) Manually setting means when sensing and open the door, you must wave hand to close the door, if without any actions, door will remain open state.

[3] **Sensitivity adjustment:**



The clockwise direction the induction distance becomes farther, the counterclockwise direction the induction distance becomes closer, and the maximum induction distance is 7cm.  
 Note: the adjustment button is on the back of the panel.

**6 Troubleshooting**

Symbol	Reason	Methods
Cannot learn background after sensing the panel	1, Check if there are any metal objects nearby	Keep away from metal objects
	2, Excessive interference from external power supply	Connect the Ground Wire of the controller to the ground
The sensing distance is near or sensing frequency is high	Too low or too high sensitivity adjustment	Adjust potentiometer of the back of the panel to proper sensing distance.
The internal and external panel control door opening and closing sequence is abnormal	Confirm whether the wiring is correct	Please follow the instructions to complete the wiring

**7 Parameter**

Working Voltage	AC/DC 12~36V	Closing Delay	5s, 15s, 15mins, Manually
Standby Current	125mA (12Vpower)	Sensing distance	0-7cm
Action Current	165mA (12Vpower)	Inner Panel Size	300(L)x100(W)x15(H)mm
Voice	English, Chinese, Cantonese (can be customized)	Outer Panel Size	300(L)x100(W)x15(H)mm
Output	Relay dry contact	Main Controller Size	143(L)x60(W)x40(H)mm

**8 Packing List**

Controller \*1, Inner panel \*1, Outer panel \*1, 8-Pin wiring(5.5m) \*2, 2-Pin wiring(16.5cm) \*1, Instructions \*1, Horn \*1, Key \*2