Operation Instructions
M-288 Non-contact Switch For Special Room

LOCKED
UNLOCK

OCCUPIED
VACANT

WAVE TO OPEN

WAVE TO OPEN

WAVE TO CLOSE

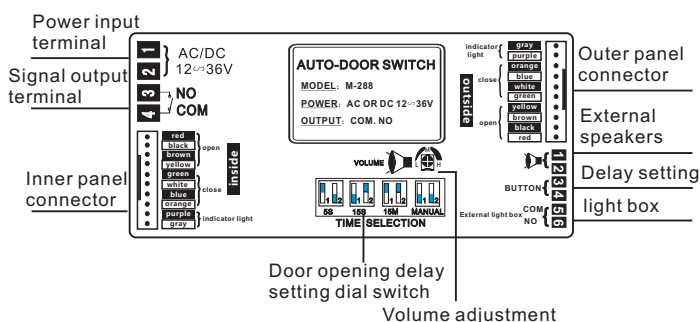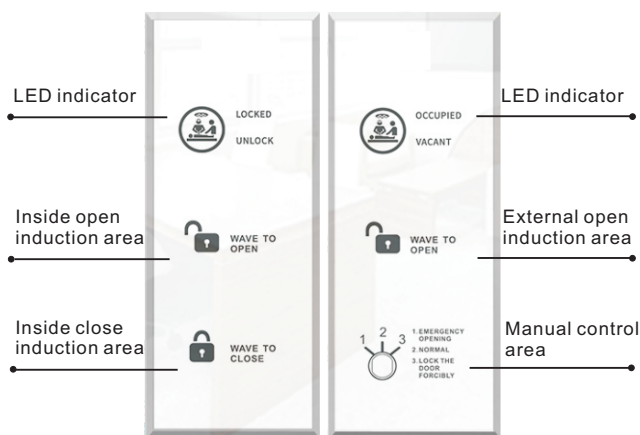1. EMERGENCY OPENING
2. NORMAL
3. LOCK THE DOOR FORCIBLY
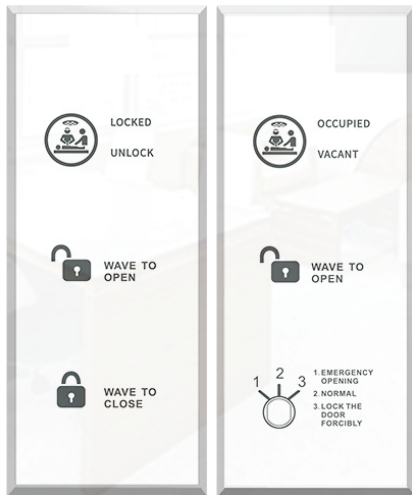
1 Safety instructions

⚠ This device must use a low voltage with protected safety Insulation, all commissioning and repair work must be installed by a professional engineering installer.
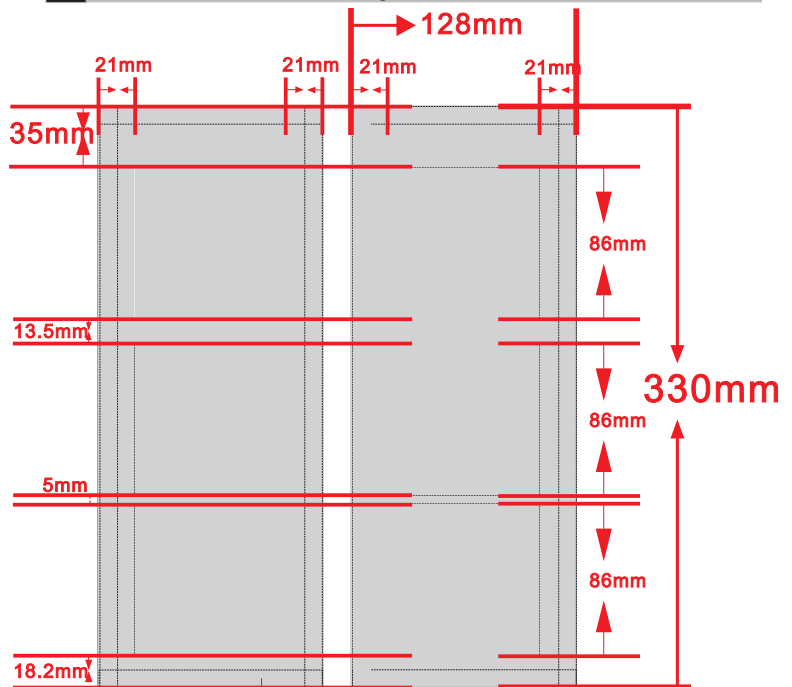
2 Application & Characteristics

- This product is mainly used for operating room.
- Large switch panel with contactless induction control, adopt laser carving technology, exquisite and high-grade.
- Equipped with clear voice prompt function.
- Both the inner and outer panels have text and light instructions, and the panels clearly identify the use steps for easy operation.
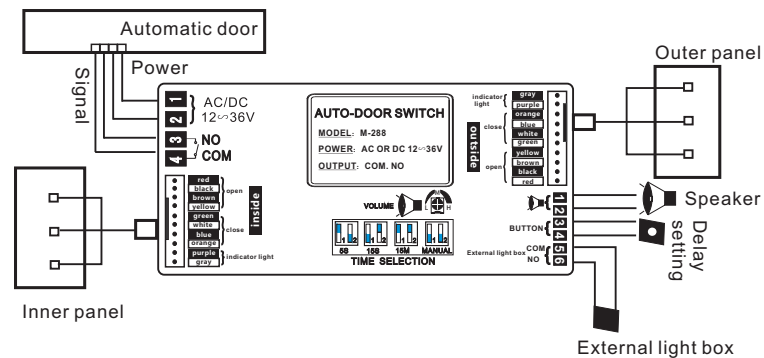
3 Product overview

LED indicator

LED indicator

Inside open induction area

External open induction area

Inside close induction area

Manual control area

Power input terminal

Signal output terminal

Inner panel connector

AC/DC 12~36V

NO COM

AUTO-DOOR SWITCH
MODEL: M-288
POWER: AC OR DC 12~36V
OUTPUT: COM. NO

red black brown yellow green white blue orange purple gray
indicator light
open close
inside

gray purple orange blue white green yellow brown black red
indicator light
close open
outside

Outer panel connector

External speakers

Delay setting

light box

BUTTON
COM NO
External light box

VOLUME
TIME SELECTION
5S 15S 1M MANUAL

Door opening delay setting dial switch

Volume adjustment

4 Installation size drawing

128mm

21mm 21mm 21mm 21mm

35mm

86mm

13.5mm

330mm

86mm

5mm

86mm

18.2mm

5 Inner & outer panel wiring diagram

Automatic door

Power

Signal

AC/DC 12~36V
NO COM

AUTO-DOOR SWITCH
MODEL: M-288
POWER: AC OR DC 12~36V
OUTPUT: COM. NO

red black brown yellow green white blue orange purple gray
indicator light
open close
inside

indicator light
close open
outside
gray purple orange blue white green yellow brown black red

VOLUME
TIME SELECTION
5S 15S 1M MANUAL

BUTTON
COM NO
External light box

Outer panel

Speaker

Delay setting

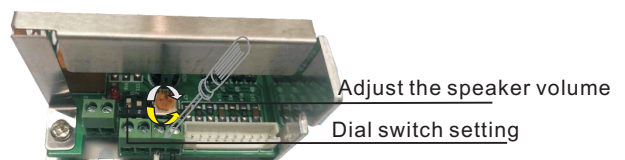Inner panel

External light box

1. Take the 12-36V power from the automatic door to the controller and connect the signal output to the automatic door signal terminal.

2. The inner and outer panel wiring are the same.
   Red,black, brown,yellow => Door opening sensing touch switch
   Green,white,blue,orange=> Door closing sensing touch switch
   Purple, grey => LED indicator

3. External speaker: 4-8Ω,1-5W speaker.

4. External light box: When the system is in use state, it outputs a relay short connection signal, which can be used as a signal light box to control external connection.

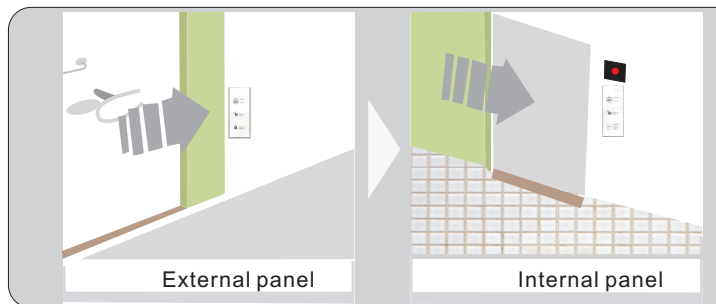## 6 Door opening delay setting dial switch

After the automatic door is opened, the delay time of closing back can be realized by toggle the dial code switch

【1】As picture shows, adjust volume by volume adjustment knob,clockwise adjust for high volume, counterclockwise to adjust for low volume.

【2】
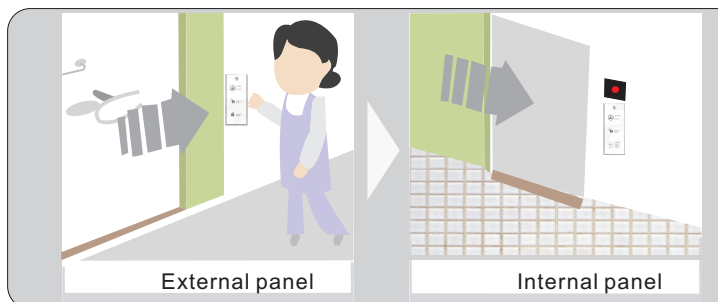| Door opening delay setting dial switch			
ON	1 2	1 2	1 2	1 2
TIME	5S	15S	15M	manual

Adjust the speaker volume

Dial switch setting

7　Using process

External panel　　　Internal panel

【1】 On standby state, the outer panel "vacant" indicator light on, the inner panel "unlock" indicator light on.


External panel　　　Internal panel

【2】 Wave hands to the external open induction area on the outer panel, and the automatic door open. At the same time, there is a voice prompt "door is opening".

External panel　　　Internal panel
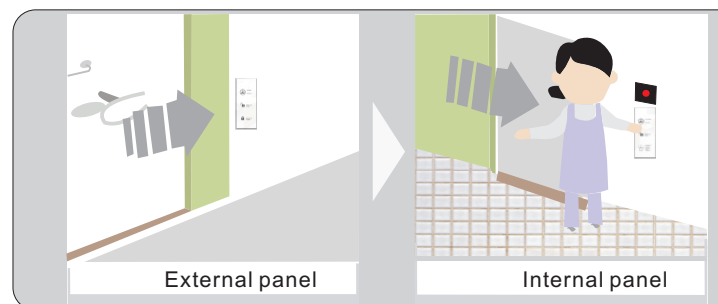
【3】After entering the room, wave hands to the Inside close induction area, the door automatically close and lock. At the same time, there will be a voice prompt "door is closing". If not hand wave to close the door for more than five seconds, there will be a voice prompt "Enter the room, please wave your hand and lock the door".

【4】After door is locked, the "OCCUPIED" indicator light on the outer panel is on, and the"LOCKED" indicator light on the inner panel is on. At this time,if someone wave hands to the door open or close induction area on the outer panel, will issue a "occupied" voice prompt and the door will not be opened.


External panel　　　Internal panel
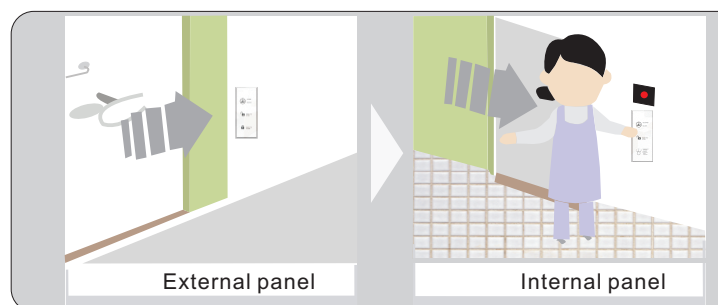
【5】 When the people inside need go out, wave hands to door open induction area, the door will open automatically and there will be a voice prompt "door is opening".

【6】 When people come out, the automatic door will be closed automatically accordingto the setting time of the dial switch or wave hands to door close induction area, the automatic door will be closed immediately. At the same time, there will be a voice prompt "door is closing" and the system will return to the standby mode.

8　Manual operation by key

■Emergency opening

　When the series is in the state of "OCCUPIED" and the personnel inside have to forcibly unlock and open the door due to an accident or special circumstances, please use key to switch to function "1, emergency opening", the automatic door will be forcibly opened, and in this state, all the induction areas of the outer and inner panel are invalid, and then use key to switch to function "2, normal", the system will return to the standby state.


EMERGENCY

Use the key to switch to function "1, emergency opening", the automatic door will be forcibly opened

Emergency opening
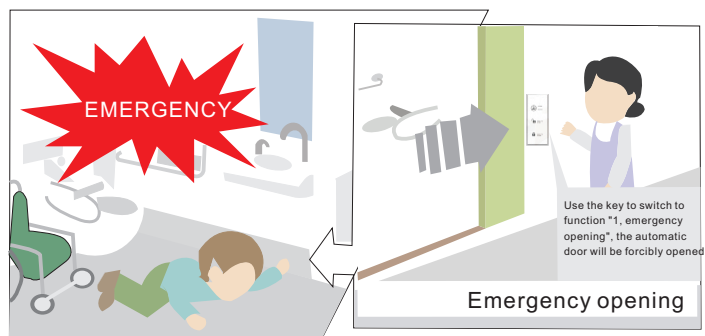
■ Emergency lock

When the automatic door needs to be suspended, please use the key to switch to function "3. Lock the door forcibly ", the automatic door will be forcibly locked. In this state, all the induction areas of the outer and inner panel are invalid. and then use the key toswitch to function "2. Normal", the system returns to the standby state.

When the automatic door is suspended for indoor maintenance or other failure reasons.

Use the key to switch to function "3. Lock the door forcibly ", the automatic door will be forcibly locked.

Emergency lock
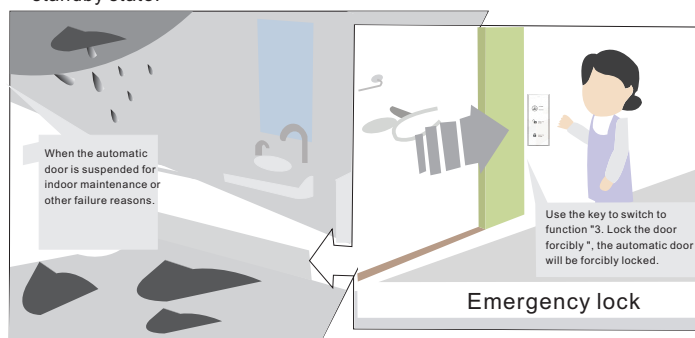
9　Induction sensitivity setting

0cm　　7cm
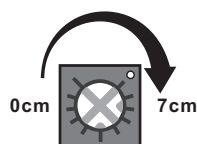
Adjust clockwise, the induction distance becomes farther, adjust counterclockwise, the induction distance becomes closer, and the maximum induction distance is 7cm.

Note: This adjustment knob is on the back of the panel.

10　Technical parameters

Working voltage	AC/DC 12∽36V
Standby current	110mA（12V power）
Action current	135mA（12V power）
Voice	Chinese
Output	Relay dry contact
Speakers	External speaker
Light box	Yes, connect with external indicating light box
Closing delay	5S、15S、15M、Manually
Induction distance	0-7cm
Inner panel size	330mm(L)×128mm(W)×15mm(H)
Outer panel size	330mm(L)×128mm(W)×15mm(H)
Main controller size	145mm(L)×57mm(W)×38mm(H)