

# 220V\_PUSH ARM



## 110V Or 220V

This system operates in both automatic and manual modes, it makes the electronic door opener and closer highly adapts to voltage fluctuations between 110 or 220VAC



Aluminum alloy

Power switch button

Open the shell

### Intelligent Automatic Flat Door system

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# 1 Technical parameter

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Power supply:200v~240v

Opening time:3~7s/90°

Opening and holding time:1~30s

Temperature:-20℃~+55℃

Protection level:IP12D

Product weight:6.5Kg

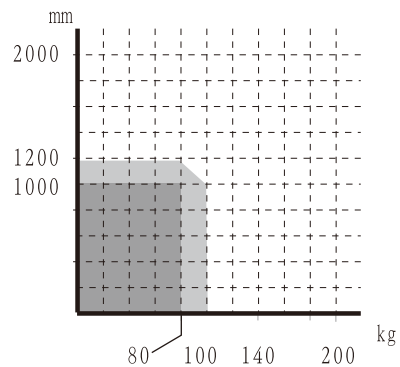
Product volume:515x95x90mm

mm= Door width

kg= Door weight

 Optimum scope

 Limit range



## 2 Description of accessories

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Power cord hole



Floor

Sensor equilibrium hole



Hood

Power Connection Seat

Motor

Microcomputer Controller



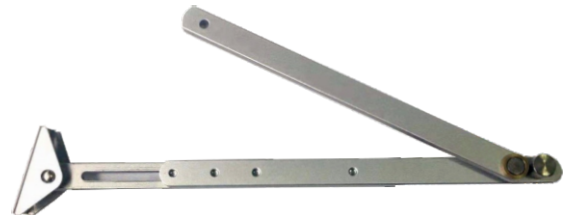
Driving Device

Output shaft

Transformer



Pull arm (and push arm choose one)



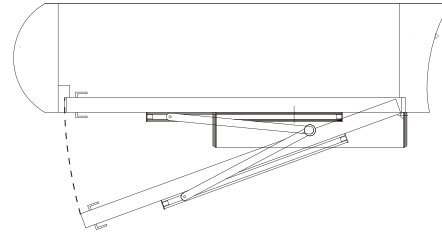
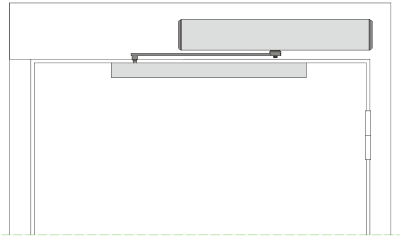
Push arm (choose one from pull arm)

### 3 Mechanical installation

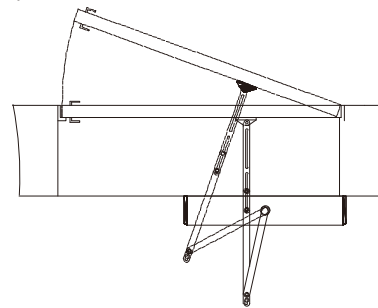
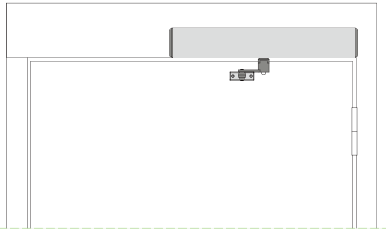
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#### 3.1 Installation example

Pull-arm mounting: Suitable for door wing opening inward (drive system inside)

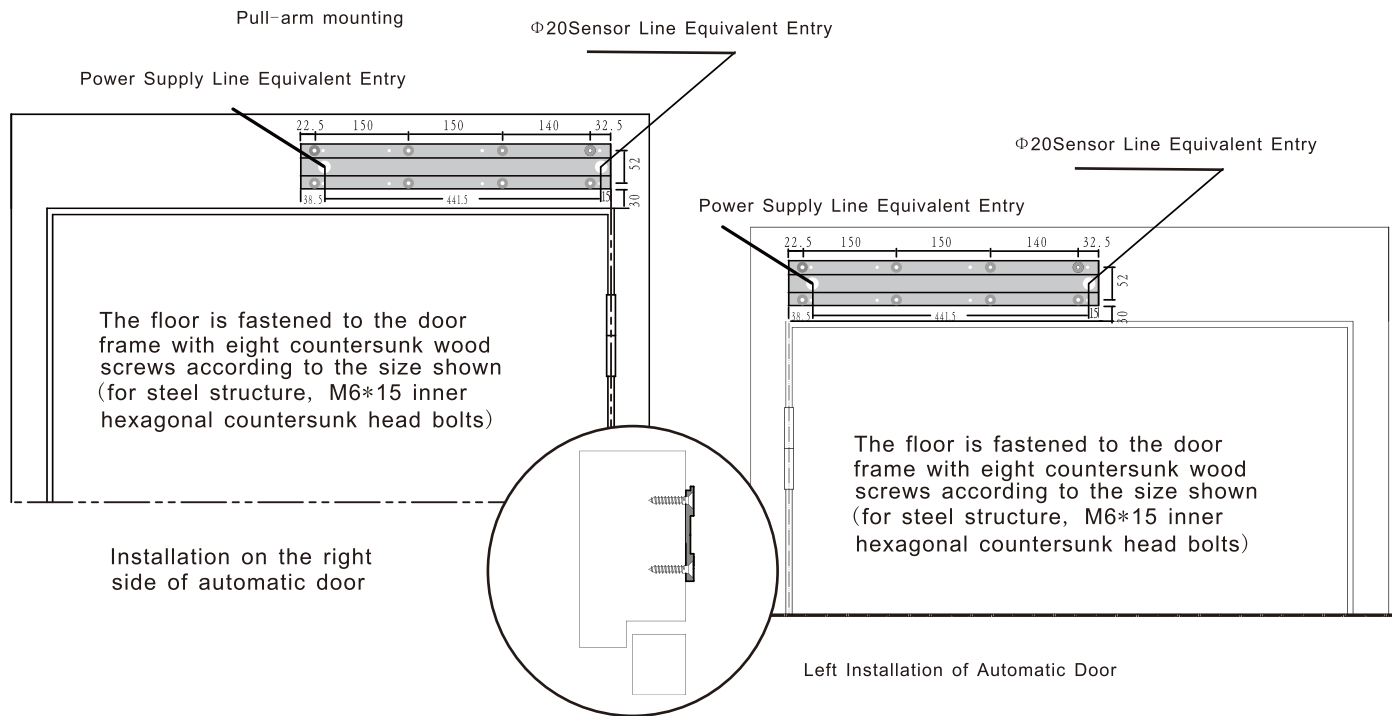


Push Arm Installation: Suitable for door wing opening outward (drive system inside)



### 3 Mechanical installation

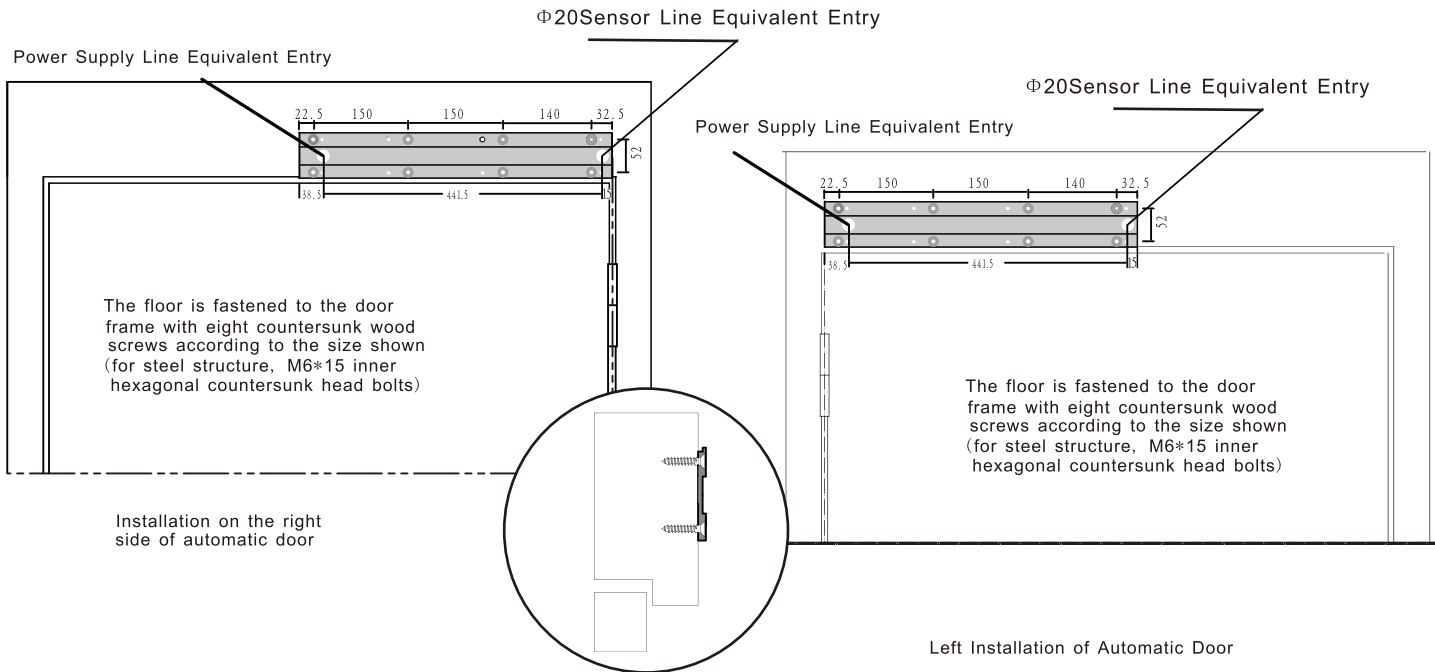
#### 3.2 Baseboard installation



### 3 Mechanical installation

#### 3.2 Baseboard installation

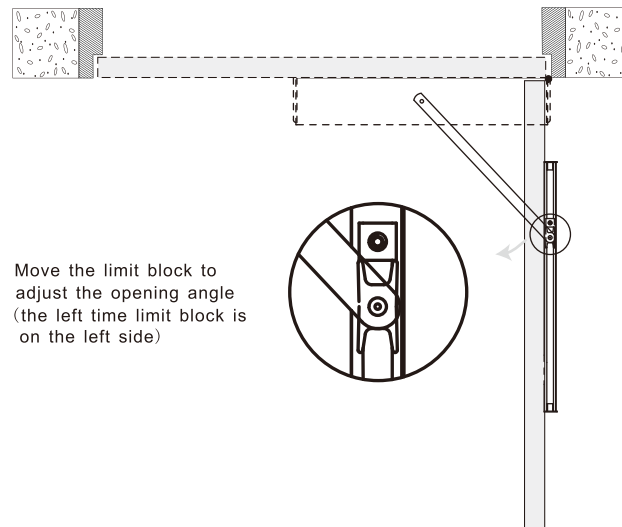
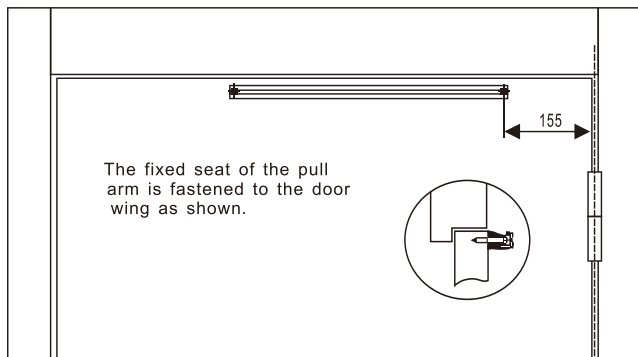
##### Push Arm Installation



### 3 Mechanical installation

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#### 3.3 Pull-arm mounting

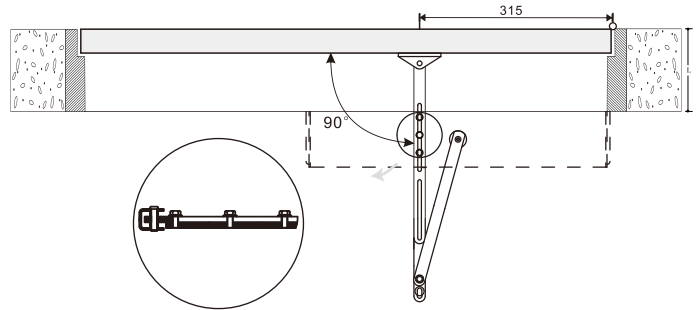
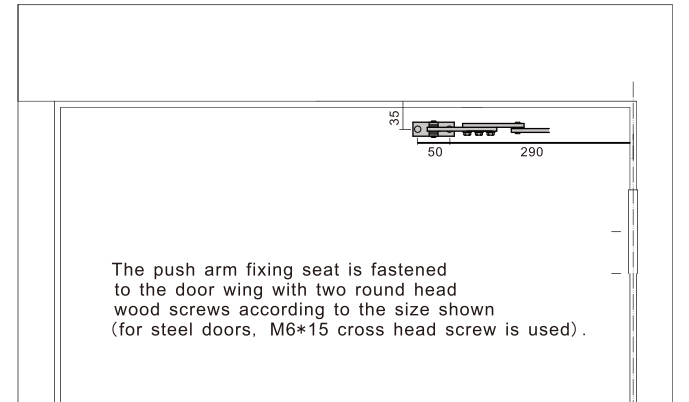


Installation on the right side of automatic door



### 3 Mechanical installation

#### 3.4 Push Arm Installation



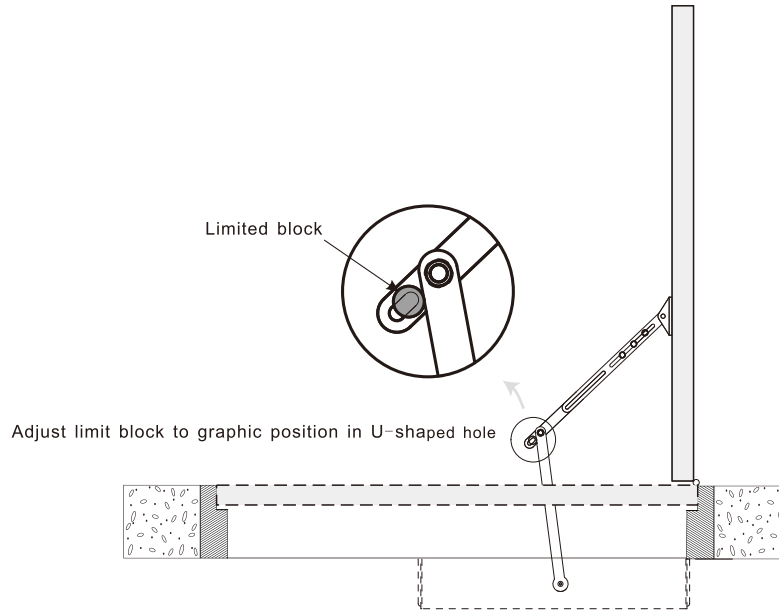
According to the different depth L of the door frame, the length of the push arm can be adjusted by loosening three clamping bolts, so that the angle between the push arm and the door body is 90 degrees as shown in the figure.

Installation on the right side of automatic door

### 3 Mechanical installation

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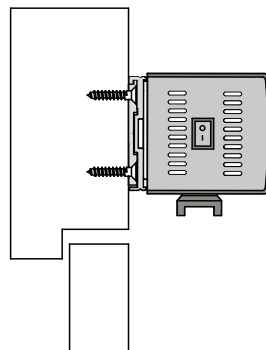
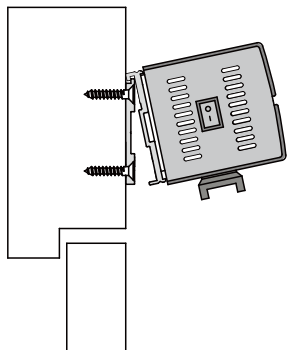
#### 3.4 Push Arm Installation



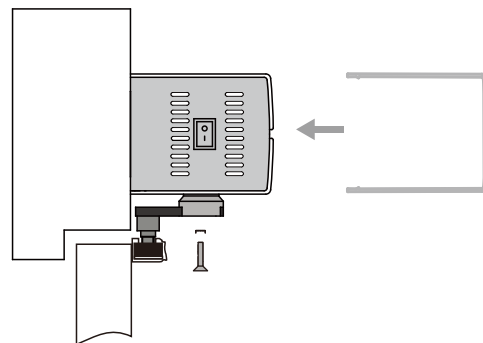
### 3 Mechanical installation

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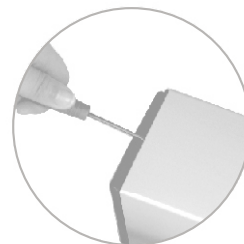
#### 3.5 Driver system installation



Install the drive system as shown in the illustration on the installed base plate, with eight hexagon socket heads screwed



Hood installation

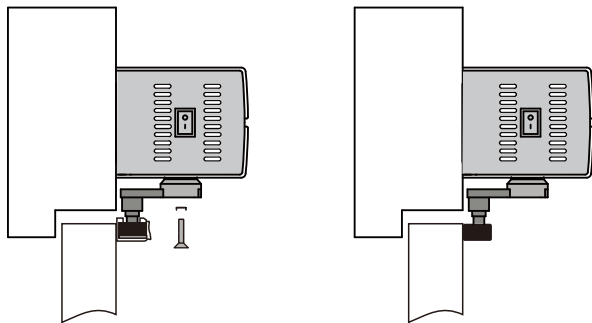


How the hood is opened

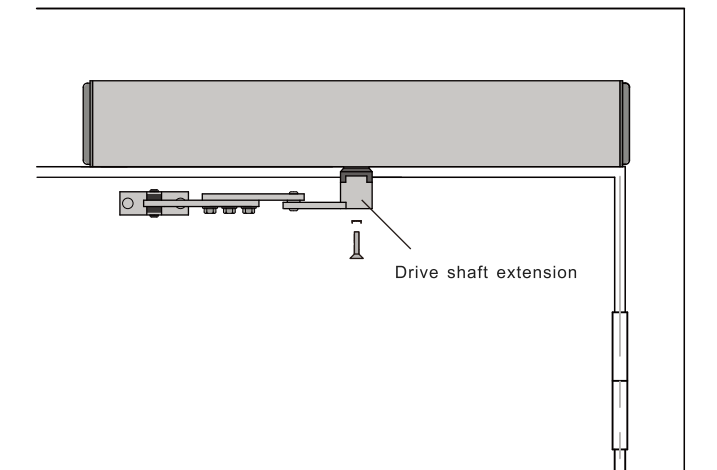
### 3 Mechanical installation

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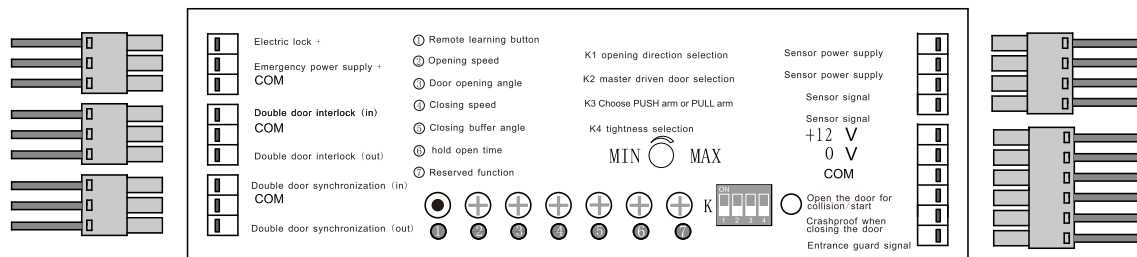
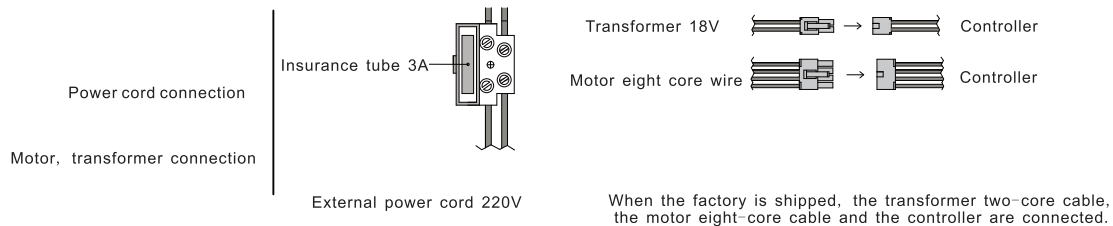
#### 3.7 Drive system and pull arm connection



#### 3.8 Drive system and push arm connection

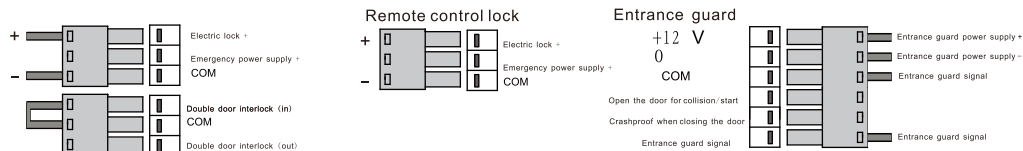


## 4 Electrical connections



Entrance guard+power supply

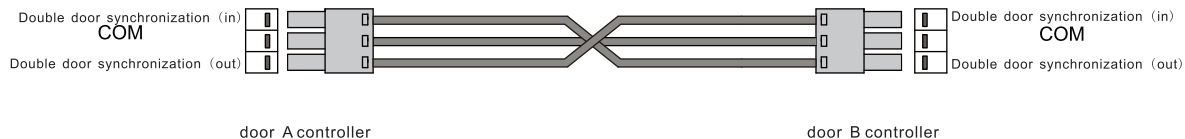
Lock the door every time



## 4 Electrical connections

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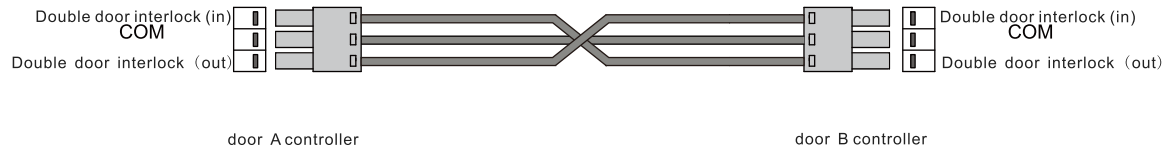
### Double door synchronization



In the double-opening door, the first opening and the second closing are set as the active ones, and the rear opening is first set as the driven door, the active door K2 is set, and the driven door K2 is placed.

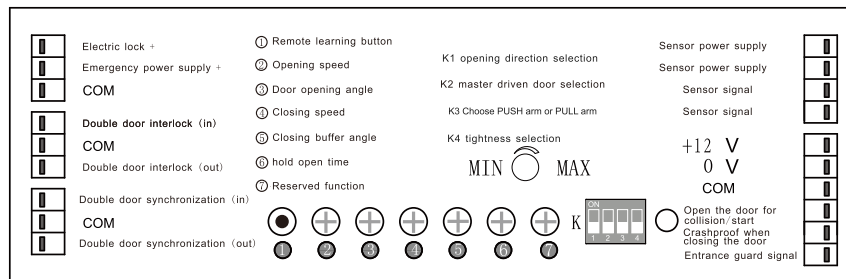
### Sensor, access control and active door controller connection

#### Double door interlock



**Note:** When two doors share one sensor or the same source, the double door may open normally. At this point, change the two signal lines of the sensor on one of the controllers to restore normal operation.

## 5 Parameter adjustment



1. Remote learning button
2. Opening speed                      Clockwise speed is getting faster
3. Buffer angle of opening door      Increased clockwise angle
4. Closing speed                      Clockwise speed is getting faster
5. Buffer angle of closing door      Increased clockwise angle
6. hold open time                      Time is longer in clockwise direction    About 7 seconds at 1/4 position                      About 14 seconds in 1/2 position
7. Reserved function key              About 21 seconds in 3/4 position

Switch setting (K) : After setting, power off, restart is effective

K1: When the power is turned on, in the initial state, the door moves to the correct position in the direction of closing the door, and if it moves in the direction of opening the door, the switch position is changed.

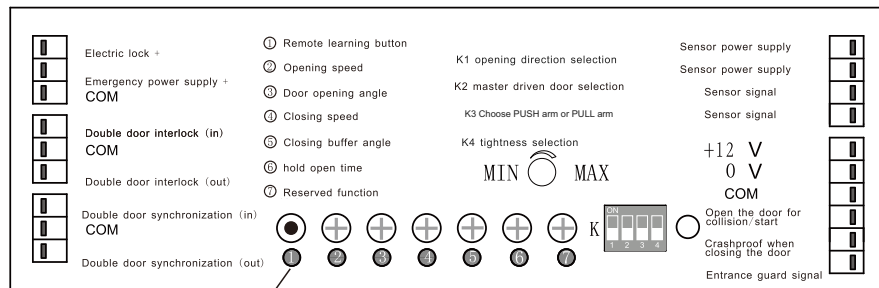
K2: When the double door is synchronized, the active door is placed and the driven door is placed (on)

K3 Choose PUSH arm or PULL arm

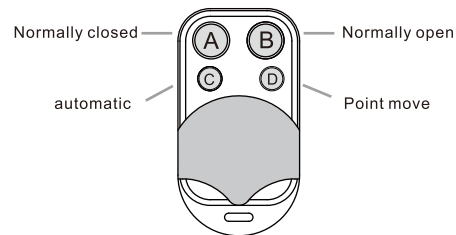
K4: The door is opened and the forbidden force is placed (on)

## 5 Parameter adjustment

### remote control



Remote learning button



### Controller and controller pair code description

1. Empty: Press and hold the "Remote Learning Key" button to know that you can't hear the buzzer sound and release the button.
2. Pair code: Press the "Remote Learning Key" button and the buzzer will sound. At this time, press any button on the remote control, and the buzzer will beep three times, indicating that the code is successful. The buzzer will beep when using the remote control
3. Note: When using the remote control, the buzzer will beep twice, indicating that the remote control and the controller are not successfully coded. Please repeat item 2.
4. Press the "inching button" button, the door switch once



## 6 Product Quality Assurance / Certificate

- 1、 Under normal conditions of use, due to defects in the manufacture of the product itself, free after-sales service can be obtained during the quality assurance period.
- 2、 if there is a problem, please contact our company.
- 3、 In the following cases, after-sales service is provided in the form of paid maintenance even if the product is in the quality assurance period.  
Malfunctions caused by inadvertent or unsuitable installation, repair, and modification by the user; failures caused by the user not following the items specified in the instruction manual
- 4、 Please show the quality guarantee and purchase invoice when maintenance is required.
- 5、 Since the company does not reissue the quality guarantee, one machine and one card, please keep it in a safe place.

Certificate

Product name

Intelligent Automatic Door System

model

Manufacturing model

inspector

Manufacturing date

Product name	Intelligent Automatic Door System	Guarantee period	
model		One year	
SER.NO			
Purchase date	year month date		
Guarantee period	year month date		to year month
User address			
username		telephone number	

Note: 1. The construction shop should provide customers with one-year warranty and after-sales service, that is, the construction shop should be stamped.

2. The wearing parts are not covered by the warranty

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F: ( )

Consumer consultation

China Branch