

# Access Control Keypad Manual

## Technical Data

- Operating Voltage: DC9V-DC25V
- Operating Temperature: -30℃~60℃
- Capacity: 2500 Cards, 2500 Codes(no code when capacity is 10,000)
- Independent open door code: 200 sets
- Open Mode: Card, Code, Card + Code
- Programming Code: 1 set (Default: 123456)
- Mater Card: Add or Delete user card
- Open Door Time: 1 - 99 mins (adjustable)
- Close Door Time: 1 - 99 mins (adjustable)
- Alarm Time: 1 - 99 mins (adjustable)
- Dimension: 113×76×23mm
- Beautiful design, keyboard with blue backlit , operate at night is available, plating surface, built-in anti-theft alarm output for external alarm, the whole anti-theft device.
- Open door by independent code, user can modify theirs personal code
- Card number can be delete by keyboard
- Bidirectional input-output Wiegand 26 interface, do W G 2 6 reader use, with door sensor monitoring, achieve out door alarm alerts

## The products factory default

Item	Default
Programming code	123456
1 set Independent code	111111
Open mode	Card or Code
Unlock time	3 sec
Closing delay time reminder	1 min
Alarm time	9 sec
Anti-demolition alarm	Closed
Closing reminder	Closed
Modify personal code function	Closed
Alarm outputs	150mA

## 6 wires definitions

Mark	Color	Definitions
NC.	Orange	Normally closed terminal
COM	Purple	Common terminal
NO.	Blue	Normally opened terminal
GND	Black	Power negative
12V+	Red	Power positive
OPEN	Yellow	Push button

Remark: Relay dry contact output 3A@30VDC

## 4 wires definitions

Mark	Color	Definitions
DATA1	Green	Wiegand data 1
DATA0	Yellow	Wiegand data 0
GND.	Black	Power negative
12V+	Red	Power positive
DOOR_IN	-	Door magnet
ALARM+	-	Alarm

## 1. Master Card Operation

### 1.1 Add Card

Swipe "Master Card" one time, green flash, continually swipe user card which need to add, then swipe "Master Card" to exit.

### 1.2 Delete Card

Swipe "Master Card" two times in 3 secs, red flash, swipe user card which need to delete, after swipe "Master Card" to exit.

## 2. Administrator programmed operating

Enter programming state (Default code: 123456)  
Press key \* program password # enter programming state. Green and red light flash  
Eg: Press key \* 123456 # enter programming state  
Press key \* to exit the programming mode

**The following sets are under enter programming state, press key \* exit**

### 2.1. Modify the programming code:

Press key 0 0 # new program password # repeat new program password # (green and red flash, each time press the key, rang about. automatically exit programming state and red green light stop flash)

### 2.2. Add card quickly

Press key 5 1 # continually read card (read-in inner card number, card password automatically default setting is 000000, press key \* to exit programming state)

### 2.3. Add card by inner card number:

Press key 5 2 # input 1 0 code inner card number # (card password automatically default setting is 000000, press key \* to exit programming state)

### 2.4. Add independent open door code:

Press key 1 3 # input 6 code self password # (don't set 000000 as open door password, press key \* to exit programming state)

### 2.5. Delete card:

Press key 7 1 # continually read card which need to delete, press key \* to exit programming state

### 2.6. Delete card by input inner card number:

Press key 7 2 # input 10 code inner card number # (if continually delete card, input another 10 code card number again #, press key \* to exit programming state)

### 2.7. Delete independent code:

Press key 2 3 # input 6 code independent code # (if continually delete card, input another 6 code independent again #, press key \* to exit programming state)

### 2.8.Delete all user card:

Press key 4 0 # 9 0 #

### 2.9.Delete all independent code:

Press key 4 0 # 9 1 #

### 2.10. Configured Master Card:

Press key 8 0 # swiping card (buzzer blew one time, this card called master card) automatically blew and exit programming state, red and green light closed flash.

### 2.11.Modify open door time:

Press key 6 2 # 2 code open time (01s—99s) # exit programming state automatically

### 2.12. Modify alarm time

Press key 6 1 # 2 code open time (01s—99s) # exit programming state automatically

### 2.13. Modify Out door alarm time (Default: 1 min)

Press key 6 0 # 2 code open time (1s—99s) # exit programming state automatically

Remark: turned out door alarm function, door sensor must be connected to be effective. If the alarm is set one minute , door still not be closed after one minute, then the buzzer "drip, drip" and output signal. Note that only the host control when the lock is valid, that will not alarm when the mechanical lock

### 2.14.Open, close the door overtime alarm function

①Close the door overtime alarm function

Press key 9 0 # 1 0 #

②Open the door overtime alarm function

Press key 9 0 # 1 1 #

### 2.15.Open, close anti-demolition alarm: (when access control is demolished)

①Close anti-demolition alarm

Press key 9 0 # 2 0 #

②Open anti-demolition alarm

Press key 9 0 # 2 1 #

### 2.16. Open, close to modify personal code function (The user capacity of 10000 users without this function)

①Close modify personal code function

Press key 9 0 # 3 0 #

②Open modify personal code function

Press key 9 0 # 3 1 #

### 2.17. User modify personal code (The user capacity of 10000 users without this function)

Press key # swipe user card, input 6 code user password # (Default code: 000000) 6 code new password # repeat new password #

### 2.18.Modify open mode (Independent code without limited )

①Card or personal code or independent code can open the door  
Press key 9 0 # 4 0 # (the code 000000 is not allowed to open the door)

②Card+ personal code

Press 9 0 # 4 1 # (you must key to personal code after swipe card (000000 except), then door opened.)

③Card+ personal code  
Press 9 0 # 4 1 # (you must key to personal code after swipe card (000000 except), then door opened.)

④Card+ personal code  
Press 9 0 # 4 1 # (you must key to personal code after swipe card (000000 except), then door opened.)

⑤Card+ personal code  
Press 9 0 # 4 1 # (you must key to personal code after swipe card (000000 except), then door opened.)

## 3. Operation of programming password lost (this action won't cause the user card data loss):

Cut off, press key \* and # at same time, power on, Keep press two key time staying in more than 5 seconds, buzzer long ring tip, release hand.

(after reset, programming password: 123456. Card data is not lost.)

## 4. Wiring diagram

