



**Multi-function Keypad for Single Door with Noctilucence and Waterproof  
Model: YK-568L**

YK-568L is an access controller with proximity card operation and code keypad operation, supports 500 users, with vandal resistant function.

**TECHNICAL SPECIFICATION**

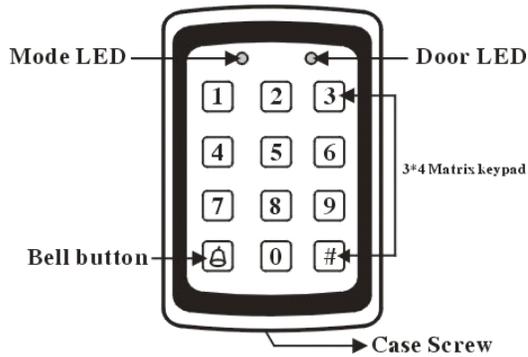
- Voltage  
12VDC
- Input Current  
Standby: 40mA (Not include other devices)  
Max: 130mA (Not include other devices)
- Output  
Electric Lock Relay  
Auxiliary Relay  
Electric Lock Control Output  
Auxiliary Control Output
- Input  
REX Push Button(NO)  
Auxiliary Input(NO/NC)
- Built-in Proximity Card Reader  
Distant: 65mm  
Adjustment: ASK (125KHz)  
Compatible Card: All 26-Bit EM Cards
- Environmental Parameter  
Operating Temperature: -31℃ to 63℃  
Operating Humidity: 0 to 95%
- Mechanical Parameter  
Dimension: 120L\*76W\*27H(mm)  
Weight: 0.55kg

**KEY FEATURE**

- Built-in Proximity Card Reader(125KHz, ASK Adjustment)
- Built-in Code Keypad
- Auxiliary Input and Auxiliary Output
- Eight Auxiliary Modes
  - 1) Open the Door(forget to close the door)
  - 2) Forcible Entry
  - 3) Come into the Door
  - 4) User Monitor
  - 5) Normal/Secure
- Built-in Buzzer
- 2 States / Program LED
- 2 Modes of Operations
  - 1) Normal Mode
  - 2) Secure Mode
- 3 User Levers
  - 1)Normal User
  - 2)Secure User
  - 3)Master User
- 4 Open door modes
  - 1) 4 digit Code(can set 500 group code)
  - 2) 4 digit Code + EM Card

3) 4 digit Code + 4 digit Code

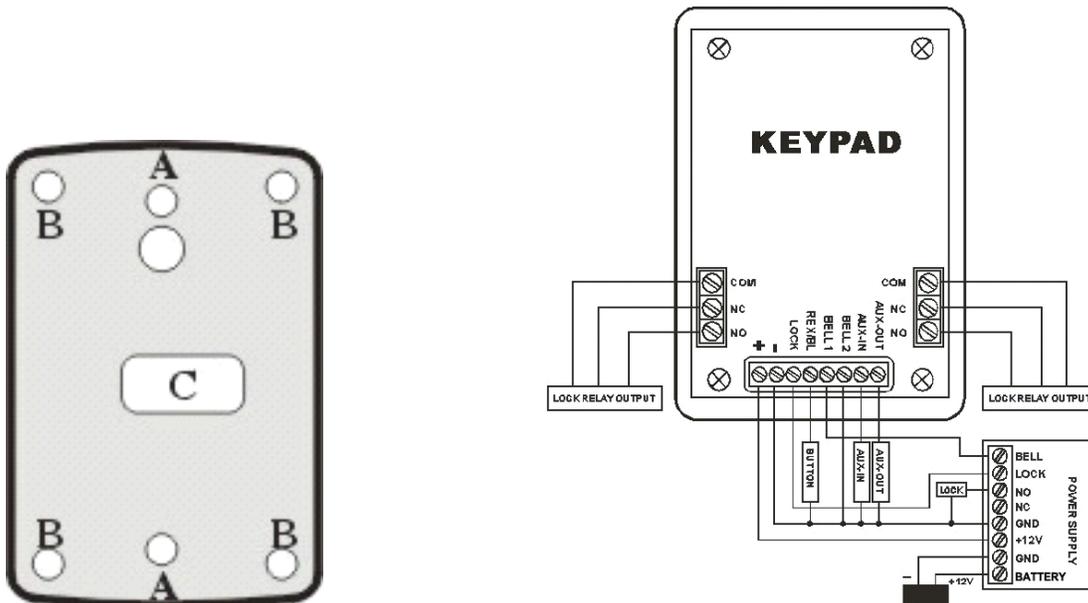
4) EM Card + EM Card



- Built-in vandal resistant device(Light induction)
- Time for Alarm: can set
- Time for Electric Lock: can set

## INSTALLATION

1. Choose the best location before installation
2. Drill holes (check the below specification and diagram)



- 1) Install by 2 holes(A)
- 2) Can fix tightly by 4 holes(B)
3. The hole(C) is for wires
4. Connect wires with circuit board through the hole(C)  
<Check the wiring diagram>
5. Fix the back cover tightly
6. Fix the front cover tightly

## OPERATION INTRODUCTION

- Normal, Secure and Master Users

YK-568L supports 500 users, every user can use 2 cards or codes, those are Primary Card/Code and Secondary Card/Code

- 3 user levels:
  - 1) Normal User
    - Only has a Primary Card/Code, and is only use when the YK-568L is in Normal Mode
  - 2) Secure User
    - Has Primary Card/Code and Secondary Card/Code, but 2 Cards/Codes are different.
      - A: Use Primary Card/Code when the YK-568L is in Normal Mode
      - B: Use Primary Card/Code + Secondary Card/Code when YK-568L is in Secure Mode
  - 3) Master User
    - Primary Card/Code and Secondary Card/Code should be keep the same, use when YK-568L is in Normal Mode or in Secure Mode
- Primary Card/Code and Secondary Card/Code
  1. Primary Card/Code
    - 1) Only use alone when YK-568L is in Normal Mode
    - 2) Code is different from other Code(i.e.Factory settings)
  2. Secondary Card/Code
    - 1) Should be match with the Primary Code, then use it when YK-568L is in Secure Mode
    - 2) Don't be the same Code with the System Code(i.e.Factory settings),but the different users can set the same
- Normal Mode and Secure Mode
  1. Normal Mode
    - Normal Mode is the Original Mode(Factory Setting Mode),all uses(Normal Users, Secure Users and Master Users) can entry with Primary Card/Code when YK-568L is in Normal Mode
  2. Secure Mode
    - Only Secure Users and Master Users can entry when YK-568L is in Secure Mode.
      - 1) Secure User should use Primary Card/Code + Secondary Card/Code, then can entry(less than 10 secs after enter Primary Card/Code)
      - 2) Master User only use Card/Code 1 time, then can entry
- Change Normal Mode to Secure Mode
  - Press #(2 secs)→→Secure Code(3838)→→Press #
- Change Secure Mode to Normal Mode
  - Press #(2 secs)→→Secure Code(3838)→→Press #

## PROGRAMMING INTRODUCTION

- Programming Operation
  1. Enter Programming Mode(in Normal Mode)
    - Press#(2secs)→→Master Code(1234)→→
  2. Enter the relative Programming Number(0.1.2.3.4.5.6.7.8.9) as below:

<b>Programming Number</b>	<b>Menu Description</b>	<b>Factory Setting</b>
1	Change Open-door Code	2580
2	Change Auxiliary Code	0852
3	Change Master Code	1234
4	Change Secure Code	3838
5	(Reservation)	
6	Change Electric Lock Parameter, Alarm Time, Auxiliary Mode	0005
7	Add Card/Code	

8	Delete Card/Code	
9	Distribute Relay for Users	
0	Return to the Factory Setting	

### 3. Exit Programming Mode

Press # (2secs)

- System Code

System Code includes Open-door Code, Auxiliary Code, Master Code and Secure Code

1. Change Open-door Code

Press #(2secs)→→Master Code(1234)→→1→→New Open-door Code(4 digits)

2. Change Auxiliary Code

Press #(2secs)→→Master Code(1234)→→2→→New Auxiliary Code(4 digits)

3. Change Master Code

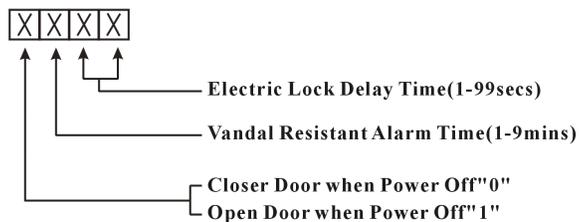
Press #(2secs)→→Master Code(1234)→→3→→New Master Code(4 digits)

4. Change Secure Code

Press #(2secs)→→Master Code(1234)→→4→→New Secure Code(4 digits)

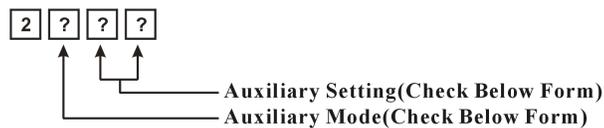
5. Change Electric Lock Parameter and Alarm Time

Press #(2secs)→→Master Code(1234)→→6→→



### 6. Definition of Auxiliary Mode

Press #(2secs)→→Master Code(1234)→→6→→



#### Auxiliary Mode Form

<b>Auxiliary Mode</b>	<b>Auxiliary Input</b>	<b>Auxiliary Output</b>	<b>Auxiliary Relay</b>	<b>Auxiliary Setting (Unit: sec)</b>
0	AUX_IN	Valid Code or AUX_IN	NO	01 to 99 Auxiliary Relay Release Time 00 Auxiliary Relay Toggles
1	Normal/Secure	Valid Code	NO	01 to 99 Auxiliary Relay Release Time 00 Auxiliary Relay Toggles
2	Normal/Secure	Bell Button	NO	01 to 99 Auxiliary Relay Release Time 00 Auxiliary Relay Toggles

3	Normal/Secure	Tamper Event	NC	01 to 99 Auxiliary Relay Release Time 00 Auxiliary Relay Toggles
4	Normal/Secure	Entry Directly	NO	01 to 99 Entry Time
5	Door Monitor	Entry	NC	01 to 99 Maximum Entry Time
6	Door Monitor	Forcible Entry	NC	01 to 99 Forcible Delay Time
7	Door Monitor	Alarm when Open the Door	NC	01 to 99 Open Door a little Delay Time

I.e.: 2104, "1" is Auxiliary Mode 1, "04" is Auxiliary Relay Delay Time;

The Auxiliary Relay starts when press Auxiliary Code;

The YK-568L will change to be Secure Mode when Aux\_In connect.

- Add Primary Card/Code and Secondary Card/Code

There are 2 kinds of methods: Standard Method and Search Code Method.

1. Standard Method to add Primary Card/Code

Press #(2secs)→→Master Code(1234)→→7→→User Number(3 digits, from 001 to 500)→→User Card(touch)/User Code(4 digits)

2. Standard Method to add Secondary Card/Code(User need have the Primary Card/Code at first)

Press #(2secs)→→Master Code(1234)→→7→→User Number(it's the same User Number like Primary User Number)→→User Card(touch)/User Code(4 digits)

3. Search Code Method to add Secondary Card/Code(User need have the Primary Card/Code at first)

Press #(2secs)→→Master Code(1234)→→7→→000→→User Primary Code→→User Card(touch)/User Code(4 digits)

- Delete Primary Card/Code and Secondary Card/Code

There are 2 kinds of methods: Standard Method and Search Code Method.

1. Standard Method to delete Primary Card/Code(Secondary Code will delete automatically when User's Primary Code is deleted)

Press #(2secs)→→Master Code(1234)→→8→→User Number(3 digits, The User Number that set before)→→Master Code(1234)

2. Search Code Method to delete Primary Card/Code

Press #(2secs)→→Master Code(1234)→→8→→000→→Primary Code(the primary code that is you want to delete)→→Master Code(1234)

Remark:

- 1) When use Standard Method to add Primary Card/Code, you can press "#", then add another(next) user's Primary Card/Code

- 2) When finish to add Primary Card/Code, can't add Secondary Card/Code Directly, should be back the Normal Mode at firstly, then enter Programming Mode, add Secondary Card/Code

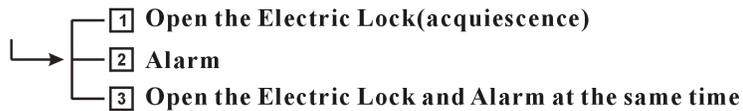
- 3) Use Search Code Method to add or delete if forget the User's Number

- Administer Electric Lock and Alarm

There are 2 kinds of methods: Standard Method and Search Code Method.

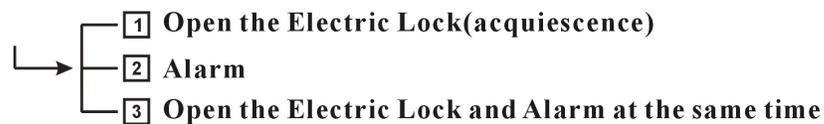
1. Standard Method

Press #(2secs)→→Master Code(1234)→→9→→User Number(3 user's number that administer Electric Lock and Alarm)



## 2. Search Code Method

Press #(2secs)→→Master Code(1234)→→9→→000→→Card(touch)/Primary Code(4 user's Primary Code that administer Electric Lock and Alarm)



Remark: When use Standard Method to administer Electric Lock and Alarm , you can press "#", then administer Electric Lock and Alarm

- Return to the Factory Setting

Press #(2secs)→→Master Code(1234)→→0→→Master Code(1234)

Remark: All stored message will be delete if operate this step

- Find the lost Master Code

Make sure YK-568L is in Normal Mode, or you can't change, and the Mode LED is green before operation

Cut off the power of YK-568L→→Press Push Button→→Connect the Power(Push Button need to keep pressing)→→Release the Button

Remark: Need to finish below operation in 15 secs

Press #(2secs)→→Enter(1234)→→3→→New Master Code(4 digits)

- Find the lost Secure Code

When YK-568L is in Secure Mode, but user forget the Secure Code, there is no method to back the Normal Mode or no method to enter the Program Mode, to find the lost Secure Code as below:

Cut off the power of YK-568L→→Press Push Button→→Connect the Power(Push Button need to keep pressing)→→Release the Button

Remark: Need to finish below operation in 15 secs

Enter 3838→→Press #→→Press #(2 secs)→→Enter 1234→→Press 4→→New Secure Code(4 digits)