CERRADURA ELECTRICA CON LECTOR RFID

MODELO: N094

Function:

1) With ID card or EM compatible cards reading card function, supporting wireless remote control and password.
2) With infrared remote control function, deleting, increasing, remote control opening function.
3) Supporting 2000 users (The maximum capacity is 32,000 users, which needs to be customized)
4) With function of independently delete, increase user card function
5) The infrared remote control function provides the loss caused by customers losing cards.(customer must know the missing card number)
6) With function of prompting when lock body occur abnormal condition.
7) Support building system or other management system unlocking function

Electric property: (Typical values)

Input voltage: DC12v

Standby current: 20mA

Working current: 600mA

Card reading distance 5~15mm

ID card capacity: 2000 sets

Wireless remote control distance: ⩾ 50meter

一）Restore factory settings and add management cards

1) Short circuiting 1 plug and 2 plug of JP1 on the circuit board for about 1 second, remove the short circuit cap, when light off, the factory settings have been restored.
2) After successfully recovery, the factory password is【9999】,unlocking password is【8888】,unlocking delay time is 3 seconds.
3) Under unlocking status, short circuiting 1 plug and 2 plug of JP1 on the circuit board for about 1 second, remove the short circuit cap, when light off, swipe a blank card, this card is management card.

二）The Function Operation of the infrared remote control

1. Factory password change

1) Using the infrared remote control, input【*】+【9999】+【#】, the indicator light turns red.
2) Input【*】+【01】+【#】, the indicator light turn the two-color indicator light
3) Input 【*】+【new password】+【#】to finish setting
4) Input 【*】+【new password】+【#】again .If the 2 inputs are different, you will hear the ”BB” error twice, and system will return to step 3!!! If 2 inputs are the same, a long prompt will be heard, indicating that the system password has been changed successfully and the indicator light will return to the initial indicator status.

2. **Manage card settings**

1) Using the infrared remote control, input【*】+【system password】+【#】, the indicator light turns red
2) Input 【*】+【02】+【#】, Meanwhile the light is off, indicating that it enters the state of setting management card
3) Input 【*】+【10 card number】+【#】,or using the card reader to read an ID card. If hearing an indication indicating that the management card has been set up successfully, the system will exit the setting status automatically.

3. How to set the door opening time

1) Use the infrared ray control ,input【*】+【system password】+【#】,
2) Input 【*】+【03】+【#】
3)Input【*】+【number between 0 to 99】+【#】。When it finish setting .The system will exit the setting status automatically，。
4) Pay attention : The setting time is as long as 9.9 seconds, and the step-by step is 0.1 second.

4. Add the user card, password and wireless control

1) Use the infrared ray control ,input【*】+【system password】+【#】
2) Input 【*】+【04】+【#】If the indicator light is on green to the adding user status.
3)Input【*】+【ID card number or user password】+【#】,or use the ID card reader/315 wireless control. When hearing the prompt tone .That mean is successful. Keep inputting other cards , passwords or controls .Repeat the step 3.You can input 2000 users.

5. How to delete the user card

1) Use the infrared ray control, input【*】+【system password】+【#】
2) Input 【*】+【07】+【#】 The indicator light is on red to delete user status.
3) Input【*】+【ID card number or pass word】+【#】,or use the ID card reader/315 M wireless control .When hearing the prompt tone. That mean it delete successfully , and can delete other cards. Repeat the step 3, can continue deleting a number of card, password and 315M control.

6 .How to delete the all user cards

1) Use the infrared ray control ,input【*】+【system password】+【#】
2) Input 【*】+【19】+【#】.If the indicator light is red, mean that in the deleting all users status.
3)Input【-】,exit the setting

7.How to modify infrared ray control password

1) infrared ray control input【*】+【system pass word】+【#】
2) infrared ray control input 【*】+【08】+【#】.The indicator light are on red and green. It indicates it is in the modified open lock state.
3)infrared ray control input【*】+【new password】+【#】 finish
4)infrared ray control input【*】+【new password】+【#】again finish. If the two inputs password are different. There is beep beep sound, The system returns to step 3!!! If two inputs password are same. Then there is long beep sound. It means modification successful.. The indicator returns to the initial indicator state
5)infrared ray control input 【-】.The system exits the setting state

8.How to use the management card?

1. Add user

1) swipe the management ID card, the indicator light will turn to green
2) swipe the user ID card, or input the user password with the infrared ray control/reader 315M control .While hearing the sound, that is successful to add user.
3) Repeat the step 2, can continue to input 2000 users.
4) If can not input the ID card in 15 seconds or input management again. the system will exit automatically, and back to the original holding status

2. Delete the user.

1) swipe the management card for 3 times continuously, the system will be entry to deleting of user state automatically, and the light is on red to flash.

2) Put the user card which need to delete to near the sensor , or input 【*】+【user card or password】+【#】,or read 315M control, it is successful to delete while hearing the “B”.

3) Repeat the step 2 to delete other users

4) if the user input the management card again or no any data inputting in 15 seconds, the system will be return to the standby state.

3. Delete all users (Including wireless control and user password)

1) Input 【*】+【system password】+【#】by infrared ray control.

2) input【*】+【 19 】+【#】, if the light is on red to flash that is in deleting of all user state . it will be return to standby state after it finish to delete.

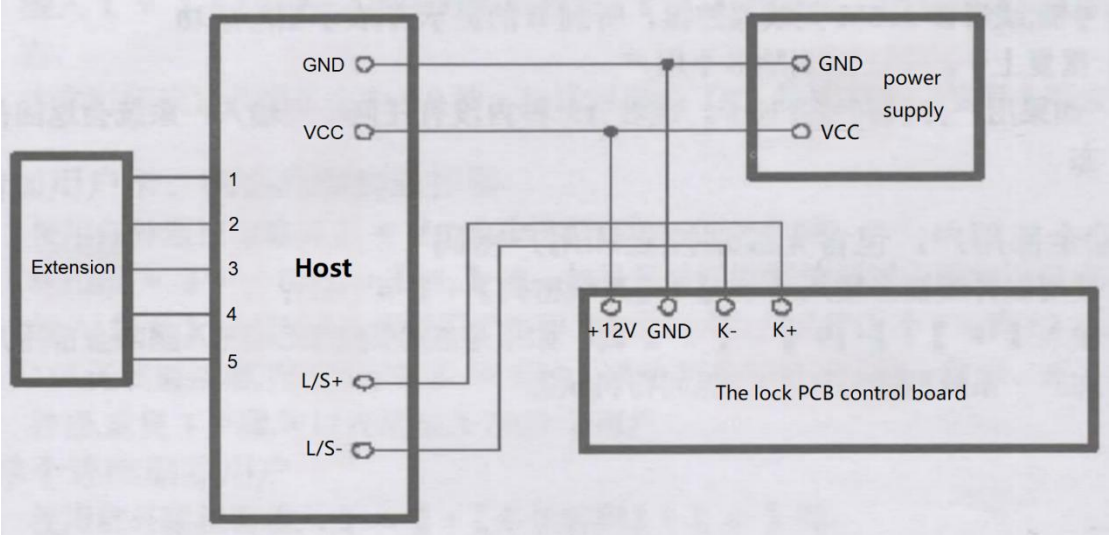
Attention:

1. In the set state, if there isn’t new data inputting within 12 seconds or press the key [-] of infrared remote control, it will be exited the set state automatically.
2. the resistance is 1.5MΩ of the 315 MZ remote control, if you use other remote control , pay attention to the resistance of them.
3. Put the internal antenna of remote out of the lock body please when installing it , otherwise, it will cause the remote control invalid or cut down the remote distance
4. In the setting process, it will be exited the setting state if you press the key [-] of infrared remote control.

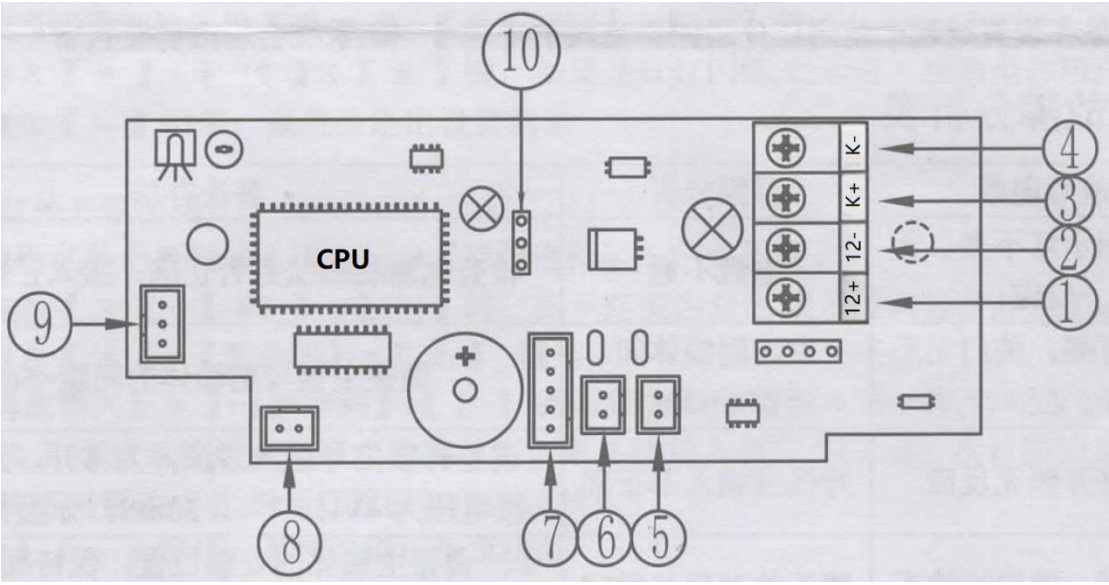
The form of common fault analysis:

Problem	cause	Solution
Indicator light of lock is off or no response	No power	Check whether the power is connected correctly and connect the right power supply
Indicator light of lock is on but no response when the door closed	The distance between strike and lock body is over 5 mm	Change the distance less than 5 mm
No response when Unlock	The opening input incorrectly	Adjust the input method of unlock signal to normally open, and the momentary unlock voltage is 4 V-18 V, > 50 mS, differentiate "+ "and "-"
Lock and unlock are not smooth	The bar of cylinder and door spindle of key turning in a different center of the circle	1. Adjust the master lock body installation position , keep the key to turn flexibility. 2. Check whether there are something into the lock when installation.
Buzzer is in a long ring	The bolt isn’t in right place	Close the door again and remove something that lock the bolt
Wireless remote control out of control		1.Check whether the battery of the remote controller is dead， if yes ，change the new one please. 2. Check whether the internal antenna of lock is put out of lock body , and put it out please.
Don't read the card	the problem of reader coil	check whether the reader coil is fallen off
Buzzer is in ring but the lock can't be locked	the problem of motor	check whether the motor is fallen off or loosed

Building intercom system wiring diagram



Wiring diagram



1. 12~18v Power positive input
2. Power negative input
3. The intercom unlocking positive input
4. The intercom unlocking negative input
5. Inside/outside reader terminal1
6. Inside/outside reader terminal2
7. Motor terminal
8. Outside cylinder LED terminal
9. Door magnetic switch terminal
10. Initialization terminal, restore factory settings