

Operation instructions of entrance guard's controller

I . Brief introduction of product

RD-001 Controller was designed specially for all kinds of electric-control locks and security systems control. It is one of the most advanced modernized entrance guard's systems. For selecting the newest central processing unit (CPU), all information can't be lost when the power supply is cut. Adopting the latest technology, powerful functions, It has safety measures such as the monitor and alarm under the door state, anti-pry alarm, deploy defense, safety mode, and password etc., which makes the users more safe and convenient. This product offers many kinds of entrance and exit management way with safety and automation, which is the ideal device for commercial institution, office building, factory, and residential area etc.

II .Technical parameter:

Working voltage: 12VDC

Load current: Electric lock output: 1A

Alarm output: 50mA

Quiescent current: <50mA

Ambient temperature: -10℃-70℃

Relative humidity: 10%-90%

Memory capacity: 600 user's passwords

III.promoting of acousto-optical:

State	Red light	Green light	Buzzer
Normal state	Glitter one time per second		
Open the lock		Light	Lock with long sound
Input with pressing the key	Light		Lock with short sound
Enter the programming	Light	Glitter rapidly	Lock with long sound
Input the user's password	Close after glitter one time	Glitter rapidly	Lock with long sound
Alarm state	Glitter rapidly		Lock with short sound in succession
Input the wrong password	Light after glitter two times		Lock two times with short sound
Deploy defense state	Glitter one time per second	Glitter one time per second	

IV.Set up operation method

1. Initial password: the programming password of factory establishment is 6668888.
2. Enter the programming state:

Input the password of the code Press the “#” key

- for three seconds) Enter the programming state
3. Function establishment (need to carry out under the programming state):
 - (1) Revise the programming password:

Press Press the "# " key to confirm The code of password is 7-10-figure number.
 - (2) Set up the user's password:

Press

Note: If you need increase in succession, input 6-figure password of opening the door directly after finishing inputting 6-figure of opening the door.
 - (3) Delete the individual user's password of opening the door Press this password will be deleted.
 - (4) Delete all user's passwords of opening the door. Delete with pressing , but the code progressing will not be deleted.
 - (5) Set up the time of opening the door:

Press

Note: XX is the figures from 00 to 99 with second unit. Factory establishment is 05, namely 5 seconds.
 - (6) Set up the state of door to monitor:

Press Close this function;

Press to open the function;

The state of door to monitor needs cooperate with the magnetism switch, and there are two kinds of functions as following while opening this function:

 - a. If you forget to close the door while inputting the correct password to open the door, the buzzer will tick four times per 6 seconds to point out closing.
 - b. If the door is opened illegally, the alarm signal will start inputting at the same time, the buzzer will be rung the warning. The function establishment is closed while exporting from the factory.
 - (7) Deploy defense and remove defense mode:

Press to set up the deploy defense, all your passwords is unable to open the door, and so does the inside switch, namely it has two kinds of entrance guard's functions.

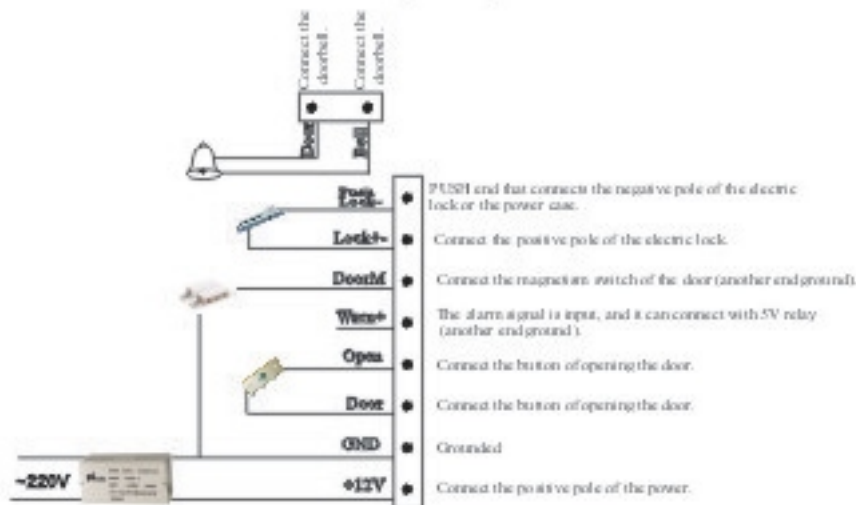
Press to resume the normal state while removing defense, which will resumes all your passwords to open the door.

Note : The state of deploy defense and remove defense ,please see to the promoting of acousto-optical.
 - (8) Enter the mode of progressing: Press

V. The operation ways:

- (1) Under the normal working state, input the user's 6-figure password, and then input the “#” key to confirm. That the door will be open by the electric lock.
- (2) If you forgetting the progressing password, you only need cut off power, and input the “REST” key on the main board of the controller, and then put through power to resume the progressing password of factory establishment, and other data can't be revised.
- (3) The controller have safe mode, input the wrong password for eight times which will start the alarm signal exporting in succession.
- (4) The user's password has super function of using password:
 - a. To input the correct password after inputting the password of many random digits, which also can open the door.
 - b. In addition to inputting the 110 before inputting the password, which will become the password seized, with which to open the door will start the alarm signal outputting.
- (5) Warning: as all alarms have the warning function with protracting time, once it starts, the alarm will continue for 90 seconds.

VI. The connection drawing of system:



- Note: 1、 The jumper midpoint of J1 connects with NC is normal closed lock while the electric lock is being connected on the controller; The jumper midpoint of J1 connects with NO is normal opened lock.
- 2、 The PUSH end of the controller connects with the PUSH end of power while the electric lock is being connected on the power, what the controller outputs is switch signal at this moment, the jumper midpoint of J1 connects with NC is normal closed signal, and the jumper midpoint of J1 connects with NO is normal opened signal.

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