

INSTRUCTION OF RD-004

I .Brief introduction of product

RD-004 Controller was adopted latest technology to use Microsensor for managing the controllers. It has very good waterproof function by plastic evlope workmanship. It use ID card as electronic key in order to increase the safety and reliability of the system. This is the ideal products for commercial organization , office building , factory and residential aera and etc.

II .Technical parameter:

Working voltage: 12VDC/AC $\pm 10\%$

Static current: $\leq 80\text{mA}$

Load current: $\leq 0.5\text{ A}$

Ambient temperature: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

Type of card: EM card or EM mixed card

Relative humidity: 10%~90%

Memory capacity: 1700 users' card

Distance for reading card: 0~15CM

III.Set up operation method:

1. There are four groups of initial password out of factory for operation, including :

A123 B123 C123 D123

Attention : If you forget four groups of initial password, you can input the reset button,buzzer will make five short sound,resume the progressing password of factory establishment

2.Enter the programming state:

Press **ENTER** , **input initial password** , **ENTER** , **input initial password again** , **CONFIRM** , come into the programming state.

Note: Administrator may choose one of four groups initial password to enter the programming state, Two short buzz with red indicator flashing means it access successfully, while three short buzz means it failed to enter , please try again !

Note: All the following operation should be done under the programming state.

3.To change programming password:

Press ***** , **enter new password** , ***** **enter new password again** , **CONFIRM**

Note: Password must be 4 digits. It only can revise your own password.

4. Set up locking state

- a. Press , it will set up pulse type for opening lock.
- b. Press , it will set up power-on type of opening normally.
- C. Press , it will set up power-off type of opening normally.

5. Set up time for opening door

Press

Note: is number 1~99, unit as second, 3 seconds as initial setup out of factory.

6. Set up user card:

A. Enter the serial number of card for issue

Press , ,

Single card or bulk card serial no. setup card, "XXX" is stands for quantity of card from 000 to 999.

- a. If the card serial no. is not in sequence, enter 000 or 001 after input 6 digits card serial no., then press OK to set up card.
- b. If the card serial no. is in sequence, enter 6 digits card serial no. and card quantity, most 999 cards. The controller will announce once, each one card set successfully. When procedure is finished it will give off twice announce.

Notice: the 6 digits card serial no. is the latter 6 digits of first 10 digits

B. Read card to issue card

Press , , , , ,

Notice: when you press key OK, the buzzer will give off twice announce, the red and green indicator will flash at the same time.

Meanwhile reading card in sequence, most 1700 cards. The ID card serial no. is the latter 6 digits of first 10 digits.

7. To cancel single user card

Press , , ,

Note: the ID card serial no. is latter 6 digits of first 10 digits of the card, the buzzer will give off twice announce, when you cancel successfully. If three times announce, the procedure might be wrong, please try again.

8. Cancel all the user cards.

Press **CANCEL** ******* **CANCEL** ******* **CONFIRM**

Note: Two short buzz means cancel card successfully.
While three short buzz means it fail to cancel . Please try again.

9. Opening by remote controller.

Enter the programming state, press **ENTER** for opening .

10. Exit the programming state

Press **EXIT** to come out the programming state, if you forget to exit , the system will exit automatically after two hours.

IV. System connection :

12VAC/DC — red&black — 12 VAC/DC

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+12V — yellow — connect with anode of lock

NC/NO/PUSH — blue — connect with cathode
of lock.

OPEN — white — connect with exit button
(another point to link with GND)

GND — black — connect with exit button

V. List of original loading

RD-004 controller	1 pc	Remote controller	1 pc
Instruction	1 pc	Screws	1 bag
Certificate	1 pc		

FCC NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.