



DATASHEET **ER-602A**

Remote control electric Rim Lock User Manual



ER-602A

CE FC RoHS

Read the manual before usage and keep for future reference.

1. Instruction

Smart lock Specifically for access control systems and building intercom system designed for latest electronic lock.

This lock automatic control using CPU. With lock latch automatically detect, lock close-self, with electronic control, knobs, keys, remote control, card and password mode lock a variety of version.

With a unique unlock, lock chord tone, door status monitoring with prompt, Prompt the user to close door with unique memory external data backup protection, if the motherboard is damaged, simply remove the memory into the new motherboard to run, without resetting the card.

The lock also has a temper latch effect . long life and low power consumption security and good features.

2. Technical Parameters

- | | |
|--|---|
| ◆ Input Voltage:DC12VDC+20% | ◆ Lock Latch protrusion Length:20mm |
| ◆ Input Current:≤350mA | ◆ Voltage of electric lock open: DC9~15V |
| ◆ Quiescent Current: ≤ 80mA | ◆ Magnetic induction range: ≥10mm |
| ◆ Working temperature:--20~60°C | ◆ Working life: 50 0000times |
| ◆ Relative humidity:10%~90% | ◆ IR remote control distance: ≤ 3M(Dim.: 128X98X46mm) |
| ◆ Reading range: ≤ 20mm (relation with card and environment) | ◆ Wireless remote control distance: ≤ 50M (relation of environment) |
| ◆ Card type: ID card (EM or EM capacity of card) | ◆ Storage capacity: 1000 users (can be expanded to 10K users) |

3. Function settings

Enter program mode : Press [*] [4 programming password] [#] , Default administrative password: 1234

Exit program mode : Press [**] **Note:**The indicator light flashes in the management state and the working indicator turns on when the management status is exited.

The programmer opens the door remotely:Method of operation:In the unmanaged state, Press [administrative password] [#] Default administrative password: 1234

Note: The following commands are valid only in the managed state (If the program does not have a programming operation within 10 seconds, the program will automatically exit the management state)

1,Revise administrative password : Press[60] [#] [4new administrative password] [#] [repeat new administrative password] [#] (Note: Replace the new management password, you need to confirm twice times new password, enter, twice times passwords should be consistent, otherwise unsuccessful)

2,Setting management card (master card):Press[23] [#][Read New Master Card]

Note: In the unmanaged state, read the master card, the electric lock will automatically enter the delete card status (at this time, if the registered card reader twice, the electric lock will automatically delete the card to open the door permissions) Red Master Card again to confirm the success of the card. In the non-management state, Read the master card twice (the two reading times interval is 1 second), the electric lock will automatically enter the card issuing card status (at this time, if a new card reader, the electric lock will automatically register the card Effective card)

3,Rapidly Increase new user card:Press [20] [#][read card] (note: This operation can simultaneously read multiple cards for multi-card registration)

4 ,Increase the wireless remote control mode: Press[22][#][Press the remote control to send the key] (any key to send the signal) [3 Self-numbered] [#]

5,Delete user cards :Press [30][#] [Read Card], Note: This method can simultaneously read more than one card to delete cards, such as in the reader to stop 10 seconds, the program will automatically Exit the management state

6, Delete the Card Number :Press[31][#][Card Number] [#](Note: If the card is printed with two sets of digital card numbers, please use 10-digit decimal card number)

7, Remove a single wireless remote control mode : Press[33] [#] [3 Self-numbered] [#] (Note: After Enter. The remote control corresponding to the 3-bit subcode will be deleted)

8, Remove all wireless remote control mode :Press[34] [#] (Note : Will remove all wireless remote control door open permissions)

9.Delete all open door data at once:Press [40][#], Note : After the execution of the command, the electric lock will clear the data such as card, After the removal is finished, a tone is issued)

10,Alarm when door lock open time delay:Press[63] [#][3 digits delay time] [#] (For example. When enter 000 (Default),Closed the time delay function. If setting alarm door lock open time delay 60S when open the electric lock .Enter : 63#060#

11, Alarm setting when Tamper:Press[64][#][3 digits Alarm time] [#] Note Enter 000(default), Closed Alarm, Enter 255 alarm time no limited.

12, Unattended settings:Press [85][#][3digits duty number] [#] Note: enter 000(default) ,closed on duty ;Enter255 The duty number no limited.

13,Hall lock setting:Press[66] [#][3 number][#] Note: Enter 000(default), Locked for 0.5 seconds Enter 255 no lock.

4、 Restore Factory Default

1,Press [70][#] **Note:** After the command is entered, all parameters are automatically restored to the factory defaults (Delete all cards, Delete all remote control, Restore all the parameter, Default administrative password: 1234)

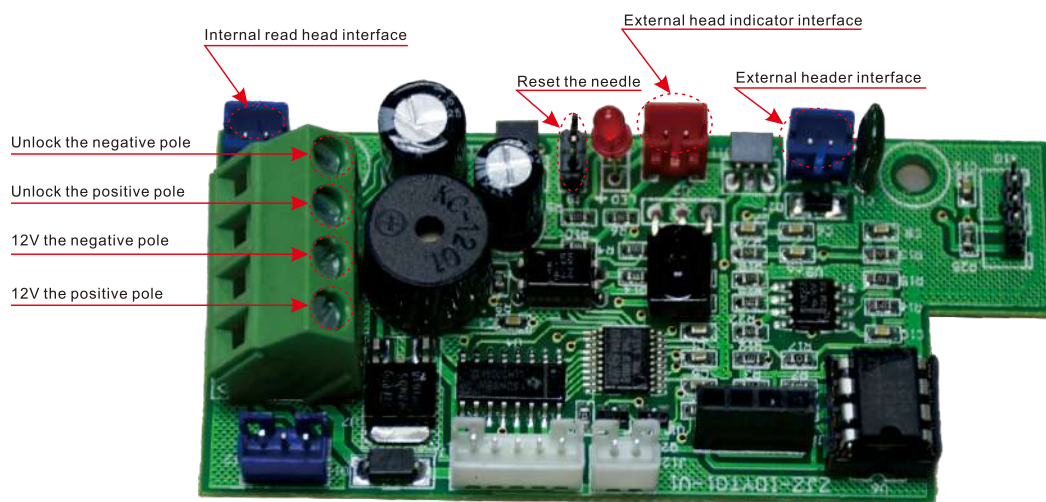
2,Before the power, the reset two pins will be connect shortly and then giving the electric lock power, wait for 3 seconds to the initial start after the sound can be turned off **RESET**, at this time the electric lock automatically initialize the work.Re-energize the electric lock, User cards data, remote control , no Change.Manage password with open password all clear to factory defaults.

5、 Data management

Data backup:Press[91][#] **Note:** The data in the lock backup to the data backup chip.

Data Recovery:Press[92][#], Note :The data in the data backup chip is restored to the electric lock (after the data is restored, the data in the lock will be deleted and the data in the backup will be backed up to the electric lock. This function only supports data of less than 1000 users. If more than 1000 users, please use my company management software for backup. Specific methods see the software manual)

6、 Circuit Board Schematic



6、 Installation Wiring Diagram

