CYGNUS electronics

2、 Programming the remote control operation

Enter programming state(Default password: 841110)When edit infrared external keyboard please place the keyboard at receive window Eg: Press【*】【841110】【#】enter programming state

★**Enter programming state**
Press【*】【6 code password】【#】buzzer three times, indication
lights flashes, enter programming state. If hear beeps, it means that your should re-enter. The default password is 841110, please revise on time.
Remark: If forget the enter programming password, please set Initialized.

★**Change the programming password**
Press【*】【6 code password】【#】【01】【#】【6 code new password】【#】【6 code new password】【#】buzzer beep, revise successfully.

★**Setting master card**
Press【*】【6 code programming password】【#】【80】【#】 buzzer beeps, swipe the card which will be mater card.

★**Password to open the door**
Press【#】【4 code password】【#】no need enter programming state, default password is 【8888】

★**Modify the password which open the door**
Press【*】【6 code programming password】【#】【92】【#】【4 code new password】【#】

★**Add user card quickly**
Press【*】【6code programming password】【#】【11】【#】【swipe card which need to add】swipe mater card to exit.

★**Delete user card quickly**
Press【*】【6 code programming password】【#】【21】【#】【swipe card which need to delete】swipe mater card to exit.
Delete user card by inner card number

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★**Delete user card by inner card number**
Press【*】【6 code programming password】【#】【22】【#】【input the last 8 code ID card No.】【#】,buzzer beeps 2 times, delete card successful. If card is lost, or other reasons, you can delete card by this way.
Remark: the last 8 code is printed on the ID card, no separated by commas, eg: 00 04372359.

★**Delete all user cards**
Press【*】【6 code programming password】【#】【90】【#】【90】【#】, buzzer beeps after around 3 secs, all user cards are deleted, except master card.

★**Setting wireless remote control, there are 2 ways as following (this function should under condition of customized wireless receiver module)**
1.Press【*】【6 code programming password】【#】【3】【#】, buzzer beeps, input 2 code (01-20) of remote control's self number , press【*】to exit programming state, then remote control can open the door.
2.Press【*】【6 code programming password】【#】【63】【#】, buzzer beeps, input 2 code (01-20) of remote control's self number , press【*】to exit programming state, then remote control can open the door.
Remote control explanation:【A】unlock【B】remote Arming【C】disarm and unlock【D】locking

★**Delete wireless remote control**
Press【*】【6 code programming password】【#】【6】【#】input 2 code (01-20) of remote control's self number which need to delete, press【*】to exit programming state.

★**Delete all wireless remote controls**
Press【*】【6 code programming password】【#】【91】【#】【91】【#】

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★**Open tamper alarm function**
Press【*】【6 code programming password】【#】【85】【#】, buzzer beeps to remind successfully. It means that anti-theft alarm function take effect immediately after the door is closed.

★**Close tamper alarm function**
Press【*】【6 code programming password】【#】【86】【#】, buzzer beeps to remind successfully.

★**Open close door timeout alarm function**
Press【*】【6 code programming password】【#】【95】【#】, buzzer beeps to remind successfully.

★**Close close door timeout alarm function**
Press【*】【6 code programming password】【#】【96】【#】, buzzer beeps to remind successfully.

★**Open the manual locking function**
Press【*】【6 code programming password】【#】【75】【#】, buzzer beeps to remind successfully.(after set this function, ID card and remote control are can't open the door, except keys.)

★**Close the manual locking function**
Press【*】【6 code programming password】【#】【76】【#】, buzzer beeps to remind successfully.

3、 Forgot programming password and master card to re-initialize, there are 2 ways as following:

1)Recovery program password
After Short circuit, reset, energize, wait for 5 secs, buzzer beeps 3 times, disconnect reset.(program password: 841110. cancel all function. cards date won't lost.)

2)Restore factory settings and Reset master card
After Short circuit, reset, energize, buzzer beeps 3 times, disconnect reset. Swipe card in 3 secs, this card will be mater card (program password: 841110, cancel all function. cards date won't lost.)

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Intelligent Electric Motor LockManual
(Read the manual carefully please before use)

The warranty manual

Normal installed and used in quality problems, can enjoy free warranty within one year from the purchase date. (abnormal cases damaged, man-made damage,irresistible natural disasters, etc., are not covered by the warranty)

Install Company_____   Install Worker _____

After Service Tel_____   Install Date _____

1

Introduction

This intelligent lock applies to homes, buildings, hotels, offices and other occasions. With good technical performance, safety and reliability, long life, close the door without noise, environmental protection, energy saving, easy to use characteristic .it is our lastest developed patented product, the great feature : design a stable and reliable mechanical control mechanism to minimize the failure rate.

☀Using precision stepper motor as the drive source, the carbon brush, longer life use
☀MCU intelligent control circuit system to meet your locks the desired function
☀Proportion of suitable dimensions, fine surface treatment, more in line with your aesthetic requirements
☀Product selection: this product is installed in various outward pull open the door or to push away door use, no need divided left or right.
☀In addition to the basic order code, users can according to need
☀Cover surface increase limit control knobs to use locks
☀Cover surface increase open push button switch
☀Surface covered with knobs to increase anti-skid cover
☀Lock the head to increase state signal light-emitting diodes
☀Add the charge circuit to the lock body and add charge coilon locks, it will be integrated into swipe card access locks
☀Alarm function is optional
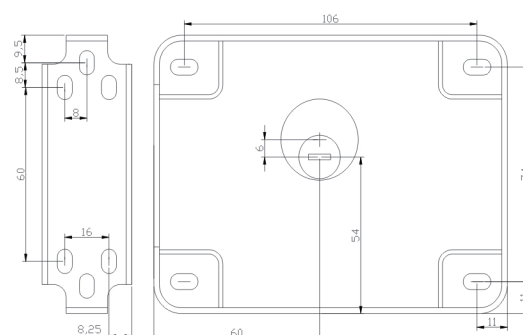☀Using the key or destroy pry open a door locks are illegal to open the door

2

Installation

Please refer to the exhibit the installation size of installation and use the matching of drilling screws tighten the locks, and note that the lock body flat on the facade of the installation location, or may cause part of the lock body movement is not flexible. Because this lock with built-in MCU control board, welding fixed is prohibited in order to damage to the lock. For special needs can also be ordered mounting plate. installation gap between lock bolt seat shell and lock body shell is 5 ~ 6 mm .the lock tongue should be in the middle of the lock mouth parts
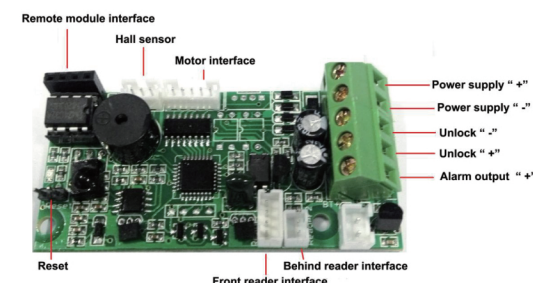
Note: the electric lock is not fire locks, absolutely not allowed to be installed on the fire escape door, or peril. Installation of electric lock is not allowed to fire welding, as a result of failure caused by fire welding power locks, the Company should be no warranty.
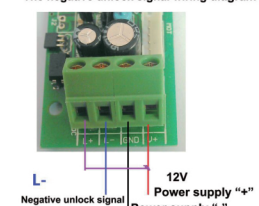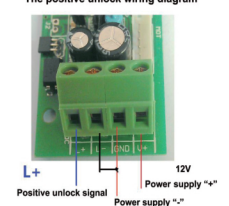
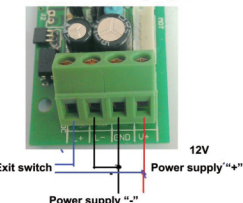### Installation Reference Diagram

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Instruction of wiring

4

Operation

Normal unlock: through the intercom, swipe card, remote control and other functions. and by turning the key or face cover knob rotation, then push or pull the door. Too large caused as a result of the doors severe deformation and rebound force required to push or pull the door lock does not open completely you can successfully open the door to eliminate rebound. When using electric control or manually unlock, such as 9 seconds not open the door. The lock will automatically lock. At this time in and out , the lock signal need to given once again.

Technical parameters

Working voltage: 12VDC   Max pressure drop: 0.5VDC
Instantaneous current: 0.5A   Power-on time: 0.25sec
Unlock power: 2W   Power line resistance: <1.5ohm
Unlocking line resistance: <6ohm Noise: <30DB
Operating temp: -40-80   Life: >1 million times
Humidity: 70%
Dielectric Strength: 250V(No breakdown for 2 minutes)

Function Set

1. Master Card Operating

1) Add Card
Swiping "Master Card", indication light flashes, and keep continually swipe user card which need to add ,when all user cards finish, Swiping "Master Card" again then exit automatically.
2) Delete Card
Swiping "Master Card" 2 times in 3s indication lights flashes, swipe user card which need to delete, Swiping again "Master Card", then exit automatically.

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