User Manual

iLock15

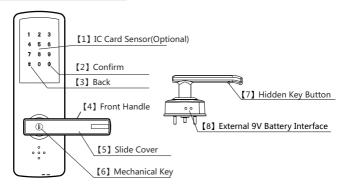(106-282)

CORPORATION

⚙️Cautions

Thanks for choosing our products, please read this guide carefully before you installing or operating it. We suggest you to employ professional workers to install, follow with this guide's instruction. Do not separate products, please keep well of the seal label for any warranty issues. Contact our distributors or customer service if you have any further questions.
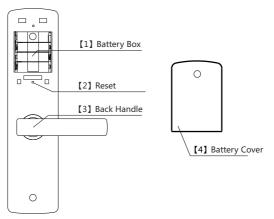
Note

1. In default station, any password can unlock the doorlock, please register admin password immediately after installation, do not close the door before everything check ok.

2. Unlock with 4 ways: Password, Mechanical key, App, Card(option).

3. Power supply by 2 ways: 4*AA Battery for normal use & External 9V Battery for emergency.

4. Available for door thickness 38-90mm.

5. Take care of the password, suggest to change it for a certain period for safe.

6. Do not operate it with wet hand, keep doorlock away from liquid.

7. Lock the door when leaving home.

8. Please replace all new battery at the same time when low-voltage battery alarm, do not mix the battery with new and old.

9. Please keep a mechanical key in a suitable place for emergency situation.

10. After installation, please do a full test as the below steps to make sure the installation 100% success, if any fault, please re-install again.

S/N	Test Item	Methods
1	Power	Install 4*AA battery, touch the screen with full hand(make sure the touch area is large enough), it will appear 2 random numbers, press them to wake up the keypad.
2	Front Handle	Press the handle , door lock can't be unlocked; release the handle and it will be automatically turned back, make sure the handle works well.
3	Back Handle	Press the handle , door lock can be unlocked; release the handle and it will be automatically turned back, make sure the handle works well.
4	Lock/Unlock	Input the password to unlock, can hear the voice prompts, press the handle to unlock, and automatically locked after about 5s.
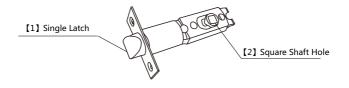
⊚Structure

Front Panel Structure

【1】 IC Card Sensor(Optional)
【2】 Confirm
【3】 Back
【4】 Front Handle
【5】 Slide Cover
【6】 Mechanical Key
【7】 Hidden Key Button
【8】 External 9V Battery Interface

Back Panel Structure

【1】 Battery Box
【2】 Reset
【3】 Back Handle
【4】 Battery Cover

Latch

【1】 Single Latch
【2】 Square Shaft Hole
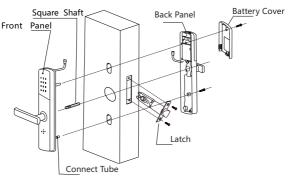
⚙ Packing List

Packing List			
Item	Name	No.	Remark
1	Front Panel	1	
2	Back Panel	1	
3	Latch	1	
4	Package of Square Shaft and Screw	1	see below
5	Package of Strike plate and Screw	1	see below

Package of Square Shaft and Screw			
Item	Name	No.	Remark
1	Square Shaft	1	
2	Countersunk Screw	2	
3	Wafer Head Self Tapping Screw	4	
4	Tip self-tapping screw	4	
5	Fix screw	2	
6	Dowel	1	

Package of Strike plate and Screw		
1	Strike plate	1	
2	Plate Box	1	
3	Tapping Screw	4	

⚙ Installation Instruction

Note: Must insert dowel when installing Square Shaft

⚙ **Installation Guide**

1、Installation requirement

Door thickness require 38-90mm,deep for lantch is 100mm.Our doorlock support right/left hand, right/left hand revers, please change the hand of doorlock when installing, and chose the right direction of latch.
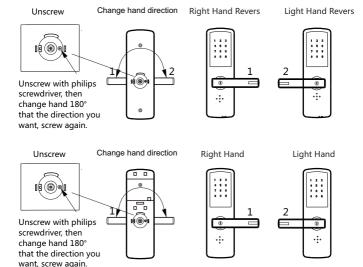

| Right Hand | Left Hand | Right Hand Revers | Light Hand Revers |
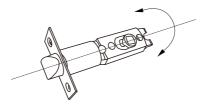
2、Hand direction

Before installing, please change the hand direction according to your door. The method as below :

Unscrew　　Change hand direction　　Right Hand Revers　　Light Hand Revers

Unscrew with philips screwdriver, then change hand 180° that the direction you want, screw again.

Unscrew　　Change hand direction　　Right Hand　　Light Hand

Unscrew with philips screwdriver, then change hand 180° that the direction you want, screw again.

3、Latch direction

Rotating the direction when installing, according to your door direction (or hand direction)

4、Tools

Pencil	Tape	Angle Rule
Drill	Drill Bits	Hammer
Knife	Screw Driver	Chisel

5、Drilling

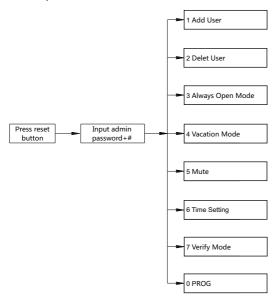Find a suitable place to drill on the door. The hole is large a bit, make sure door lock can move a little in the hole.

Note:

(1)、Please change the hand direction before installing。
(2)、Do not close the door after installing lock, please check the lock first, make sure it can work well. For example, touch the screen with your hand, then you should see two random number ,press them, then you should see the keypad is waked up, input default password(123456), then press door lock hand, you should unlock.

⚙ Setting Guide

1、Admin mode & Menu

Press Reset button, and wait until keypad lights up, then input admin password + # (default admin password is 123456).

```
Press reset        Input admin
button       →     password+#    →    1 Add User

                                  →    2 Delet User

                                  →    3 Always Open Mode

                                  →    4 Vacation Mode

                                  →    5 Mute

                                  →    6 Time Setting

                                  →    7 Verify Mode

                                  →    0 PROG
```
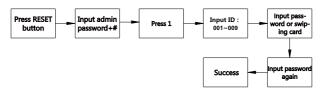
3、Add User

iLock 15 support add password user and card user. (Depend on the door lock version). Only the Admin User can add/delete users, normal user can't. Max support 230 user capacity, each user have an unique ID(001~230), Admin User from ID001~009, Normal User from ID010~230.

3.1 Add admin user

Admin user can add/delete admin or normal user, and unlock. ID (001~009) for admin user. The operation of add user is below:

```
Press RESET  →  Input admin   →  Press 1  →  Input ID :   →  Input pass-
button          password+#                    001~009          word or swip-
                                                               ing card
                                                                   ↓
                Success      ←              Input password
                                            again
```
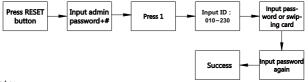
Note:
Password should be 4~6digits,if it less than 6digits,please input # to end. If it is 6 digits, no need to input #.

3.2 Add Normal User

Normal user can only lock/unlock, can not add/delete any user. ID (010~230) for normal user. The operation of add user is below:

```
Press RESET  →  Input admin   →  Press 1  →  Input ID :   →  Input pass-
button          password+#                    010~230          word or swip-
                                                               ing card
                                                                   ↓
                Success      ←              Input password
                                            again
```

Note:
(1)When input ID, system will assign an ID (small to large) automatically if using # replace an id number, this way only suitable for normal user ID, if you create an admin user ,you have to input id.
(2)Password should be 4~6digits,if it less than 6digits,please input # to end. If it is 6 digits, no need to input #.

4 Delete User

You should delete a user if you disable it.

```
Press RESET  →  Input admin   →  Press 2  →  Input ID :   →  Success
button          password+#                    001~230
```

Note:
(1)When input ID, system will assign an ID (small to large) automatically if using # replace an ID number, this way only suitable for normal user ID, if you create an admin user ,you have to input ID.
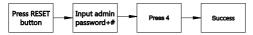
5 Always Open Mode

Always open mode means the doorlock is always opened, anyone can open the door without using the password or card. Please consider the situation before enable this mode, and exit in time.

Press RESET button → Input admin password+# → Press 3 → Press 1:ON Press 2:OFF → Success
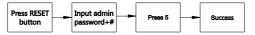
6 Vacation Mode

Once users execute vacation mode, it means only the admin user can unlock the door. Once admin user unlock the door, it will exit Vacation Mode automatically.
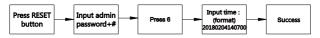
Press RESET button → Input admin password+# → Press 4 → Success

7 Mute

Users are able to mute the lock for any voice prompts.

Press RESET button → Input admin password+# → Press 5 → Success

8 Time Setting

Set with your local time.

Press RESET button → Input admin password+# → Press 6 → Input time : (format) 20180204140700 → Success
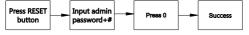
9 Verify Mode

Users can choose Single Verify & Double Verify to unlock. Single Verify means only password or card will work. Double Verify means password + card combination, or password +password.

Press RESET button → Input admin password+# → Press 7 → Press 1:single Press 2:double → Success

10 Inclusion/Exclusion

Door lock can be added to a Z-wave gateway or controller. Please make gateway in learn mode first, then operate the door lock to send a NIF.

Press RESET button → Input admin password+# → Press 0 → Success

⚙ **About ZWAVE**

Door lock is zwave product, it can be add into a gateway, then user can control it via app. Door lock compatible with third part manufacture, if you chose third part gateway, please refer to its guide, if you chose our gateway, please read carefully this guide, refer to app guide chapter 4 add door lock.

1.Inclusion/Exclusion

Exclusion : Delet a device for zwave network.

1) Set gateway in Exclusion mode or delete mode 【 pleae refer to gateway guide】

2) Set door lock in learn mode 【see page 7 ,about 10 Inclusion/Exclusion】

3) Wait until success 【 pleae refer to gateway guide】

Inclusion : add a device into a zwave network.

1) Set gateway in Inclusion mode or add mode 【 pleae refer to gateway guide】

2) Set door lock in learn mode 【see page 7 ,about 10 Inclusion/Exclusion】

3) Wait until success 【 pleae refer to gateway guide】

2.Association

Our product support an association group, and this group only support one node(one device) to receive unlock/lock message, battery report, alarm report. Please refer to your gateway guide to know how to set association.

3.Configuration

Our product support configuration command class,but you don't need to do any configuration.

4.Supported ZWAVE command class

Inclusion as unsecurity:
COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_SECURITY,
COMMAND_CLASS_BATTERY,
COMMAND_CLASS_ASSOCIATION_V2,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_BASIC,

Inclusion as security:
COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_SECURITY,
COMMAND_CLASS_BATTERY,
COMMAND_CLASS_ASSOCIATION_V2,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_BASIC,
COMMAND_CLASS_VERSION,
COMMAND_CLASS_DOOR_LOCK,
COMMAND_CLASS_USER_CODE,
COMMAND_CLASS_CONFIGURATION,
COMMAND_CLASS_NOTIFICATION_V4,
COMMAND_CLASS_TIME_PARAMETERS,

⬡Specification

s/n	Item	Content
1	Coating Material	Zinc alloy
2	Mortise	Five-latch/Single-latch
3	User Capacity(Admin)	9 groups
4	User Capacity(User)	221groups
5	Power Supply	4.8~6.5VDC (AA*4)
6	Battery Life	10000 times open operating
7	Low Voltage Alarm	≤5.0V
8	Static Current	≤50uA
9	Dynamic Current	≤300mA
10	Working Tem.	-20~55℃
11	Working Humidity	20~95%
12	Dimension	L*W*H :228.60 x 71.30 x 86.2mm（Front） L*W*H :228.60 x 71.30 x72.85mm(Back)
13	Package Size	350 x 235 x 140mm
14	G.W	2.0kg

⚙️FAQ

FAQ and Solution		
No.	Question	Solution
1	can not wake up keypad	check the battery if it is ok
2	can not unlock with mechanical key	insert key ,rotate key 90˚,then press the lock handle
3	can not unlock with password	check if lock is in vacation mode, only admin user can unlock
4	can not hear any sound	check if lock is in mute

⚙️Register table

Name	User ID	Date	Remark