


# E12 Basic Digital Lock

# User Manual

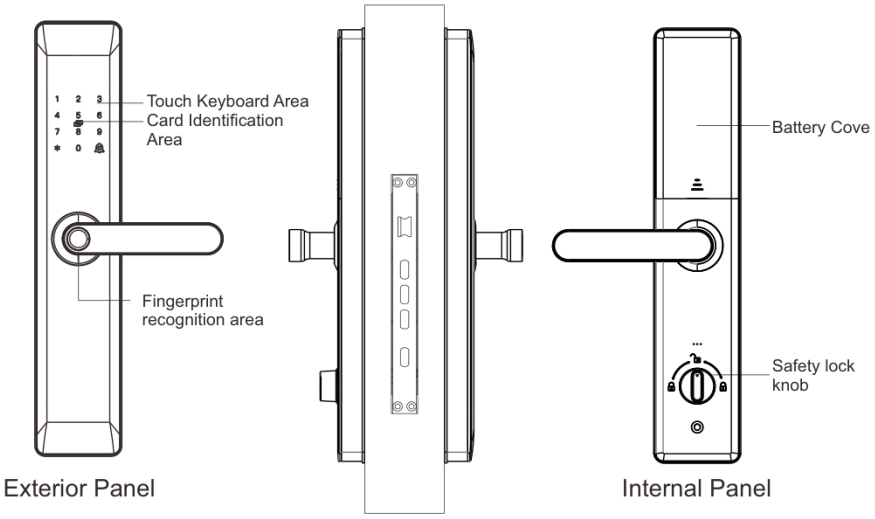
# 1 Usage Notes and Product Charts

Dear user! Hello! Thank you for using this smart lock. Before you install and use this product, please carefully check the product list, read the installation instructions, and install the product according to these installation instructions. If product problems or other harms and losses are caused by not following these installation instructions, directly or indirectly, our company will not be liable.

**Important:** Depending on the product model, read and set the corresponding functions.

1. Storage capacity: 3 groups of administrators (fingerprints / cards / passwords), total number of users 200 groups (maximum 20 fingerprints).
2. When low voltage alarm, please timely replace the same model of battery and pay attention to the positive and negative pole installation, to ensure the normal use of the lock. (Note: new and old batteries can not be mixed.)
3. Do not use for a long time or just in case, please carry the mechanical key with you, do not put it indoors.

**Product Chart**




# 2 Product List / Installation Explosion Chart

Please carefully check the following list after unpacking the box. If you find any defects, please promptly ask us or an agent.

| Number | Name | Quantity | Remarks |
|---|---|---|---|
| 1 | Outer panel (including silicone pad) | 1 | |
| 2 | Rear panel (including silicone pad) | 1 | |
| 3 | IC Card | 2 | |
| 4 | Installation Kit | 1 | Includes 2 keys |
| 5 | Certificate of competency | 1 | |
| 6 | User manual | 1 | |

**Explosion Chart Parts List**

1. Front lock handle 2. Touch panel 3. Front lock clutch components

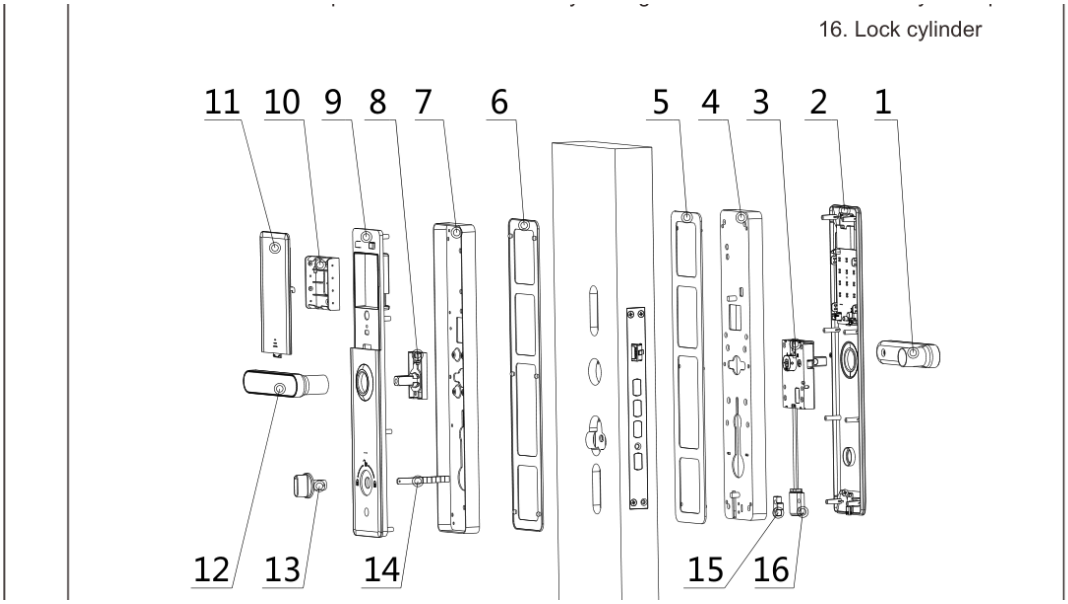
4. Front lock 5. Front lock silicone pad 6. Rear lock silicone pad

7. Rear Lock 8. Rear lock clutch components 9. Rear lock panel

10. Battery Storage 11. Battery Cover 12. Rear lock handle

13. Lock knob 14. Lock ruler 15. Lock cylinder pad

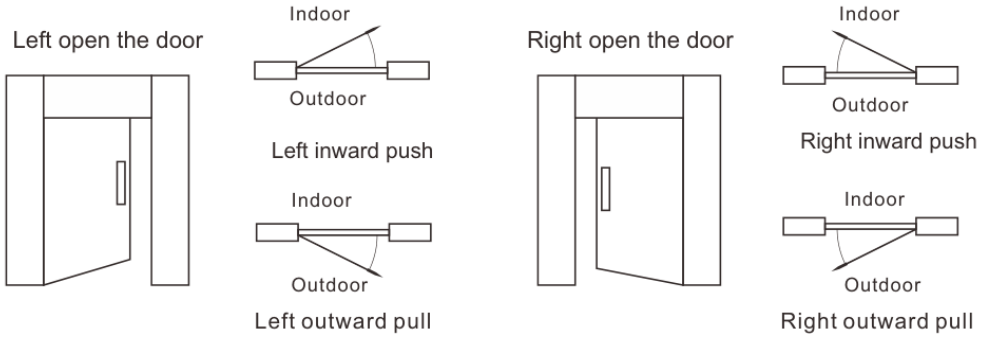
16. Lock cylinder




# 3 Notice before Installation

## 3.1 Please confirm the door opening direction before installation

The smart lock can be applied to four types of open doors: left pull, left push, right pull, right push.



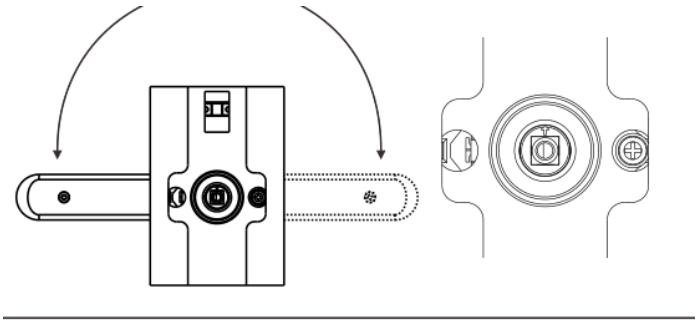

Turn the hand side to side

## 3.2 Turn the hand side to side

Please press the opening direction of the door to select the handle.

- **Steps: 1.** Remove the pan head screws.
- Rotate the handle to the desired direction.
- Install the removed screws back.

- When installing, the arrow is upward.

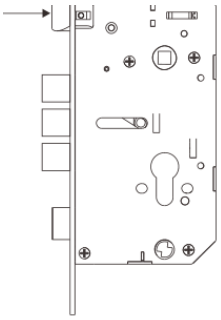


### 3.3 According to the type of door

Users can change the direction of the latch bolt.

Press the latch bolt to the bottom and rotate the oblique tongue to reverse direction.

Change the oblique tongue direction of lock body according to internal and external door opening requirements.



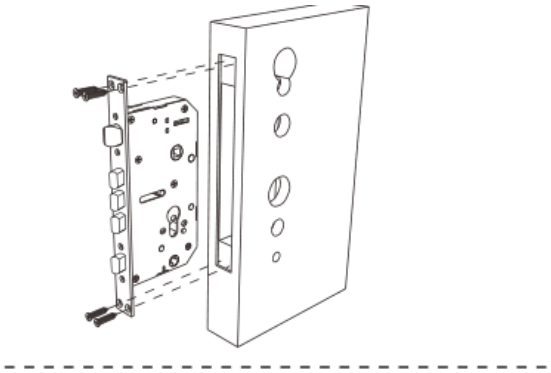
the thickness of the door.
to 100 mm thickness.

**Notice:** Select accessories of different specifications according to the thickness of the door. The default accessories package is suitable for doors 50 to 100 mm thickness. If it is of other specifications, please contact us.

# 4 Installation steps

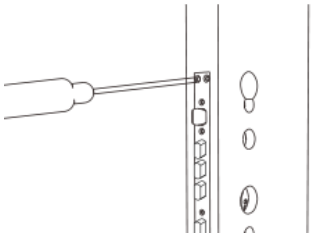
### 4.1

Make a hole on the door according to the opening template, and then insert the lock body into the door frame.



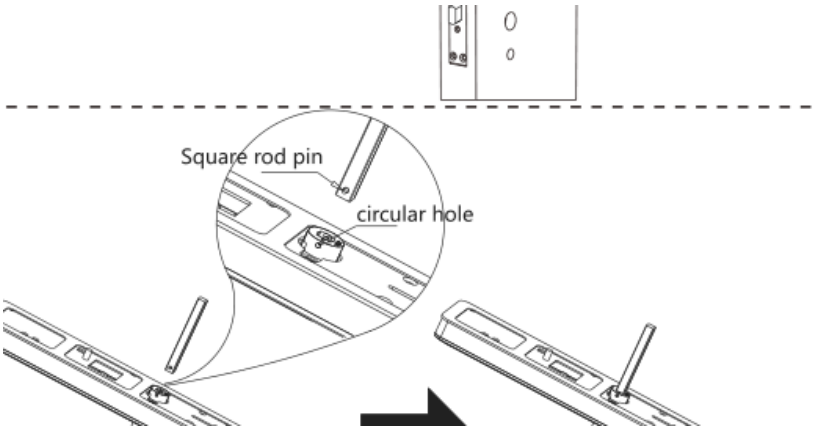
## 4.2

Tighten the four fixing screws on the lock body.



## 4.3

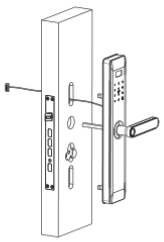
First, press the pin of the square rod, then align the side of the square rod with the pin with the side of the clutch with the circular hole, and finally insert the square rod into the clutch. The pin will bounce up and fix the square rod on the clutch.



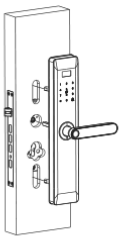

## 4.4

- Thread the connecting wire through the conduit above the door.
- Align the square axis on the outer panel with the square axis opening on the lock body and insert it, so that the outer panel is tightly attached to the outside of the door.
- Connect the connecting cable to the rear panel socket, align the pull screw with the pull screw hole on the inner panel, and tighten it with the fixing screw.

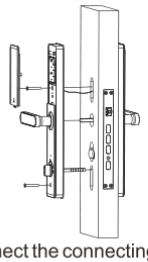
4.4



①Thread the connecting wire through the conduit above the



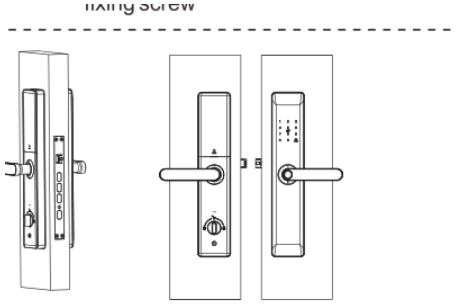
②Align the square axis on the outer panel with the square axis opening on the lock body and insert it, so that



③Connect the connecting cable to the rear panel socket, align the pull screw with the pull screw hole on the

### 4.5

Install the battery, cover the battery cover, and install the side buckle assembly to complete the installation of the smart lock. Press down and lift up the inner and outer handles, mechanical key, and check if all components are connected properly.



## 5 Technical Parameter

| Parameter | Specification |
|---|---|
| Working power supply (voltage) | 3.8-6.5V |
| Alarm voltage | 4.8V |
| Static average current | < 50ua |
| Automatic exit time | Set the 20 second verification page to 10 seconds |
| Backup current | 5V (can be powered by USB interface) |
| Password Length | 6-10 digits |
| Administrators | 5 sets (password/card/fingerprint) |
| User information | 253 (password/card/fingerprint) |
| Virtual password | Supports 20 virtual digit passwords |
| Card Type | Mifare-1 |
| Volume level | Levels 1-6 |
| Local record query | Total capacity 511 pieces |

## 6 Door lock operation instructions

### 6.1 Initial state

(1) Remove the smart lock battery.

(2) Press and hold the initialization button on the back panel.

(3) Install the smart lock battery.

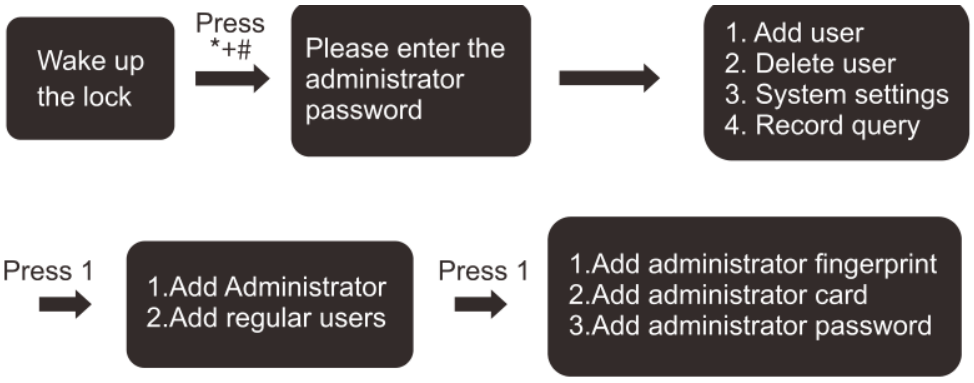
(4) Waiting for the system 5S initialization confirmation countdown, a "beep" sound will be emitted every second.

(5) When the voice plays "confirm to restore factory settings, please press the # key, return, please press the # key", the system enters the initialization process.

(6) After waiting for a few seconds, when the language plays "initialization successful", the system initialization is complete. At this time, all unlock information and user information in the system are cleared, and the system enters demonstration mode. After that, it enters the boot process.

**Attention:** The default administrator password in this lock demonstration mode is "123456". In demonstration mode, any Mifare-1 card can be unlocked, any fingerprint can be unlocked, and the default password is "123456". After successful initialization, the lock needs to be reset before it can be used!

## 6.2 Add Administrator

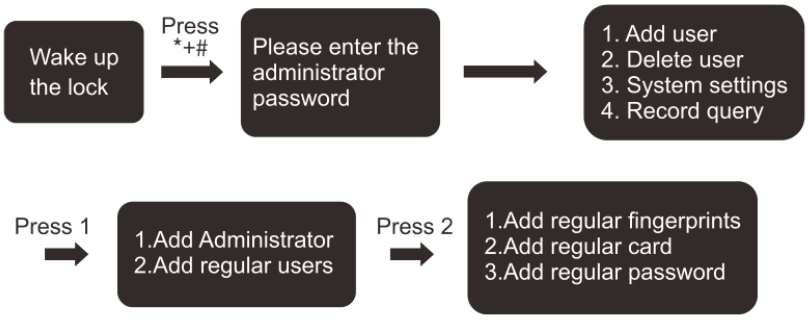



**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 1 → 1. Add Administrator / 2. Add regular users → Press 1 → 1. Add administrator fingerprint / 2. Add administrator card / 3. Add administrator password*

**(1) Administrator fingerprint settings:** Press 1 to add fingerprint - voice: Please press your finger, take it away and put it back again. Fingerprint recognition will be performed 5 times, and the administrator's fingerprint registration will be successful.

**(2) Administrator card / password settings:** Press the second button and receive a voice prompt to swipe your card. Place the card close to the sensing area and receive a voice prompt saying 'successfully set'. Press the 3rd key for voice prompt to enter new password. Press # to confirm. Voice prompt: Please enter ****** again. Press # to confirm. Voice prompt: Setting successful.

## 6.3 Add regular users



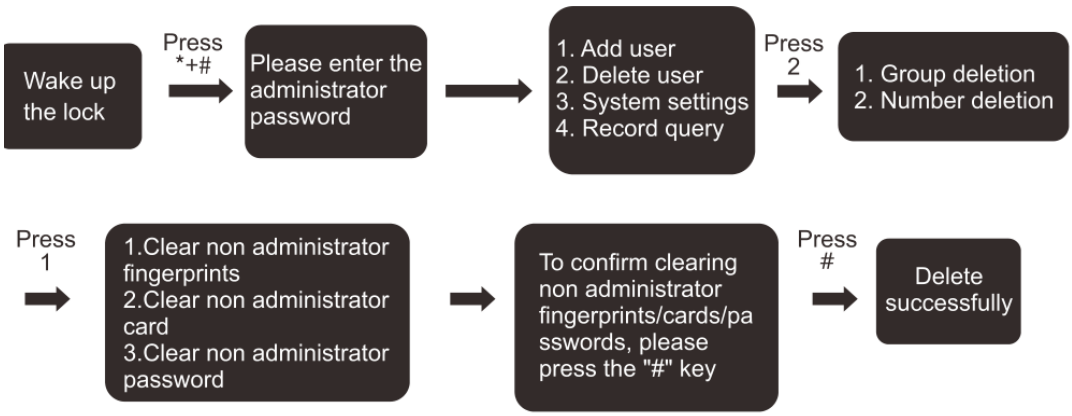

**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 1 → 1. Add Administrator / 2. Add regular users → Press 2 → 1. Add regular fingerprints / 2. Add regular card / 3. Add regular password*

**(1) Ordinary user fingerprint settings:** Press 1 to add fingerprint - voice: Please press your finger, take it away and put it back again. Fingerprint recognition will be performed 5 times, and ordinary users' fingerprint registration will be successful.

**(2) Ordinary user card settings:** Press the second button and receive a voice prompt to swipe your card. Place the card close to the sensing area and receive a voice prompt saying 'setting successfully'.

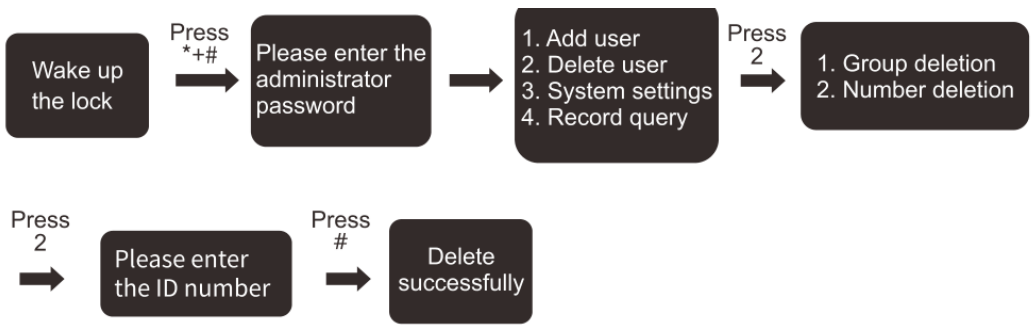
**(3) Ordinary user password setting:** Press the 3rd key for voice prompt to enter new password. Press # to confirm. Voice prompt: Please enter ****** again. Press # to confirm. Voice prompt: Setting successful.

## 6.4 Group deletion of user information




**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 2 → 1. Group deletion / 2. Number deletion → Press 1 → 1. Clear non administrator fingerprints / 2. Clear non administrator card / 3. Clear non administrator password → To confirm clearing non administrator fingerprints/cards/passwords, please press the "#" key → Press # → Delete successfully*

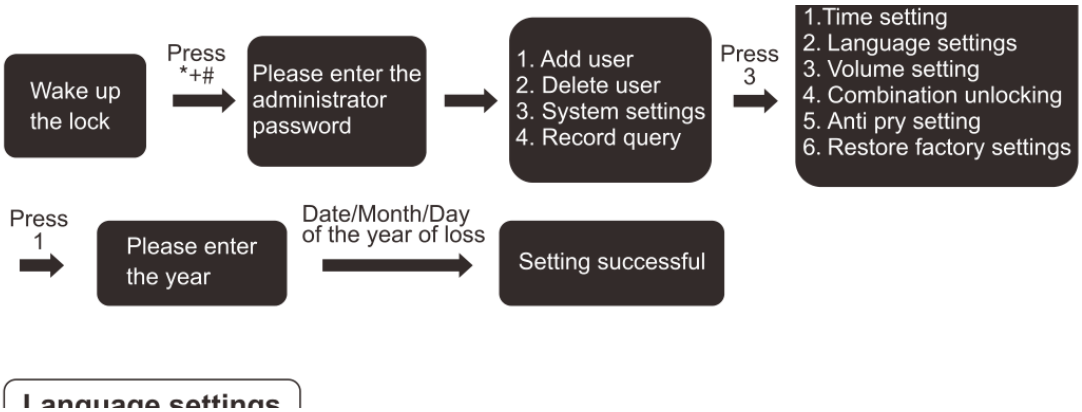
## 6.5 Delete administrator/user information by number




**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 2 → 1. Group deletion / 2. Number deletion → Press 2 → Please enter the ID number → Press # → Delete successfully*

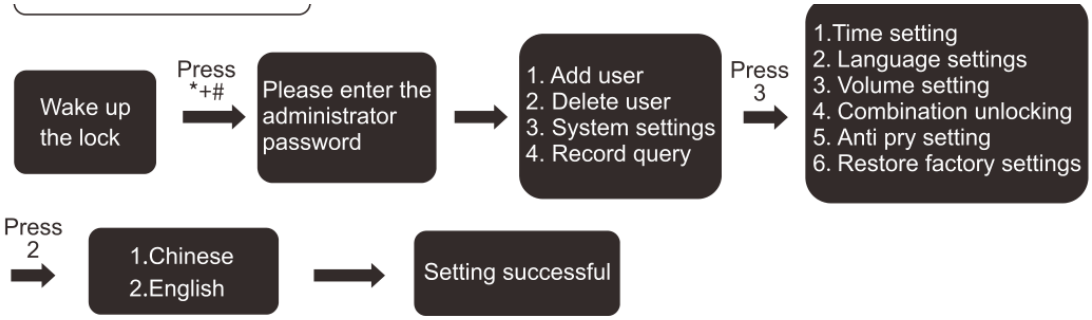
## 6.6 System settings

### Time setting



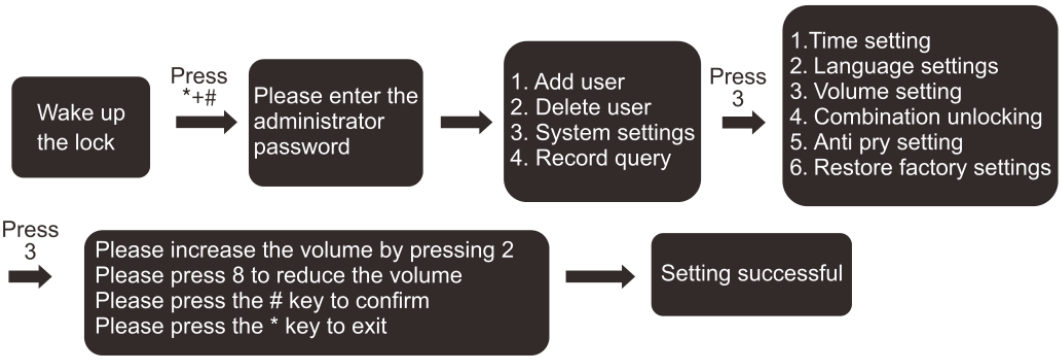

**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 1 → Please enter the year → Date / Month / Day of the year → Setting successful*

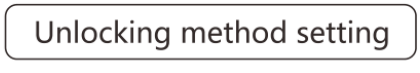
## Language settings




**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 2 → 1. Chinese / 2. English → Setting successful*

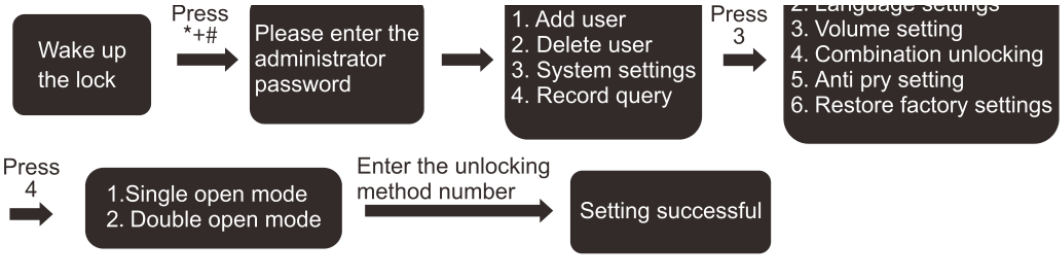
## Volume setting

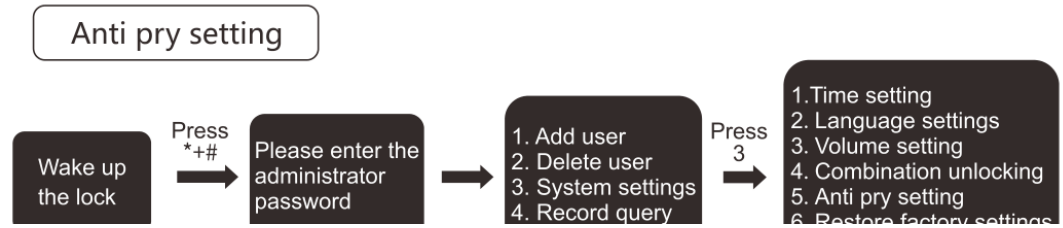


**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 3 → Please increase the volume by pressing 2 / Please press 8 to reduce the volume / Please press the # key to confirm / Please press the * key to exit → Setting successful*

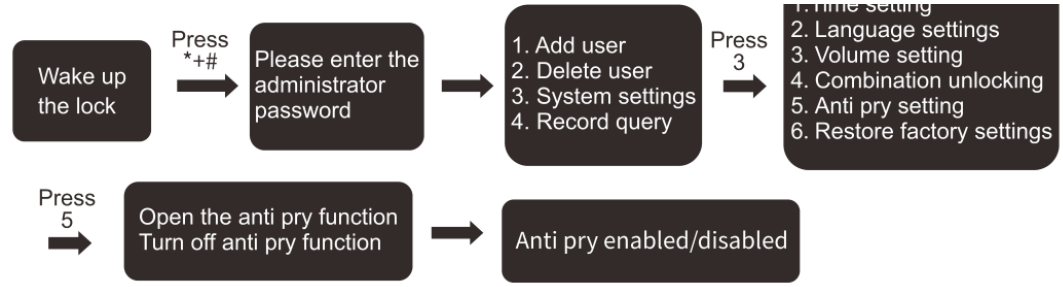
## Unlocking method setting



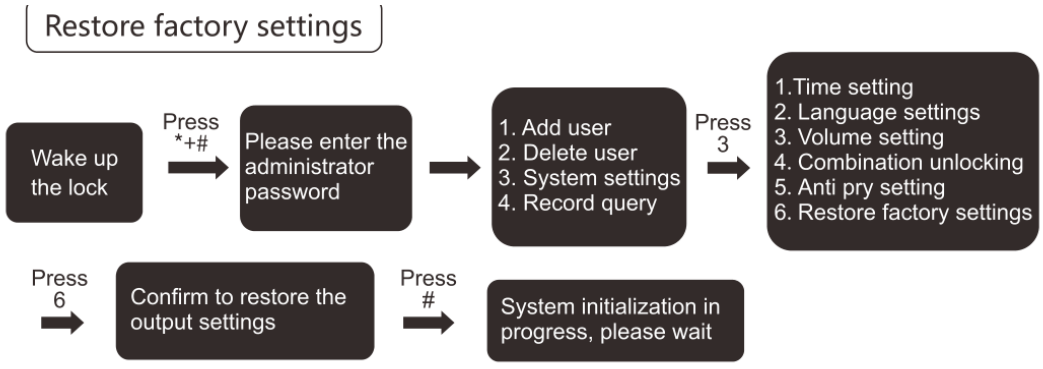

**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 4 → 1. Single open mode / 2. Double open mode → Enter the unlocking method number → Setting successful*

## Anti pry setting




**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 5 → Open the anti pry function / Turn off anti pry function → Anti pry enabled/disabled*

## Restore factory settings




**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 6 → Confirm to restore the output settings → Press # → System initialization in progress, please wait*

## 6.7 Recording setting




**Menu path:** *Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 4 → Please press 2 forward, press 8 to search, and press the "*" key to return*

## 6.8 Doorbell

Press the doorbell button in either verification mode or sleep mode, and the doorbell will ring twice in a row.

## 6.9 Low battery alarm

1. When the battery is in a low battery state, it will remind you after unlocking that the battery level is low.
2. Backup power supply: Can be connected to an external USB interface for power supply and door opening.

## 6.10 Alarm lock

When entering incorrect unlock information more than 5 times within 5 minutes, the system enters a locked state and will automatically unlock after 180 seconds of locking.

## 6.11 Anti pry alarm

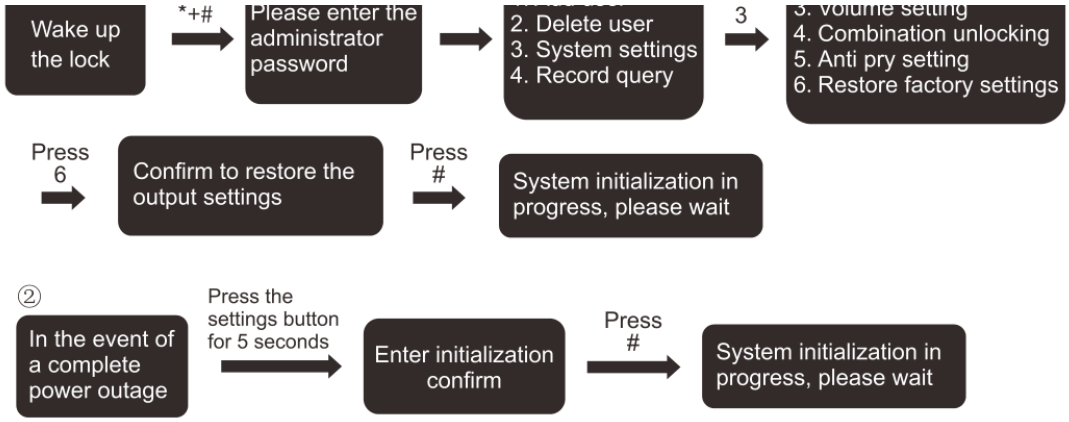
If the anti pry button is triggered, the system will enter a continuous alarm for 30 seconds, and the alarm can only be cancelled after entering valid unlocking information to unlock.

## 6.12 Password security level check

1. In dual open mode: Two different numbers of unlock information must be entered twice to unlock.
2. However, the dual open mode is only valid for ordinary users. Entering administrator information in the dual open mode will directly unlock the lock and will not respond to dual open.

## 6.13 Instructions for use

**1.** There are two ways to initialize:




**Menu path:** *(1) Wake up the lock → Press *+# → Please enter the administrator password → 1. Add user / 2. Delete user / 3. System settings / 4. Record query → Press 3 → 1. Time setting / 2. Language settings / 3. Volume setting / 4. Combination unlocking / 5. Anti pry setting / 6. Restore factory settings → Press 6 → Confirm to restore the output settings → Press # → System initialization in progress, please wait*

2.When swiping a card to unlock, the system needs to be awakened before swiping the card can be performed

**Menu path:** *(2) In the event of a complete power outage → Press the settings button for 5 seconds → Enter initialization confirm → Press # → System initialization in progress, please wait*

**2.** When swiping a card to unlock, the system needs to be awakened before swiping the card can be performed.

## 6.14 User safety precautions

1. For your safety, please change the original factory password "123456" to your own administrator password before using this product.
2. It is recommended to use multiple fingerprints as administrator information and set a set of administrator passwords.
3. The mechanical emergency key must be hidden in a safe place outside the door and prepared for emergency use! The company is not responsible for any consequences caused by the emergency key being locked inside the house, resulting in the inability to open the door urgently.
4. Safely store IC cards to prevent loss and duplication. Open the door! Please read the product manual carefully when installing and starting to use the above four points!