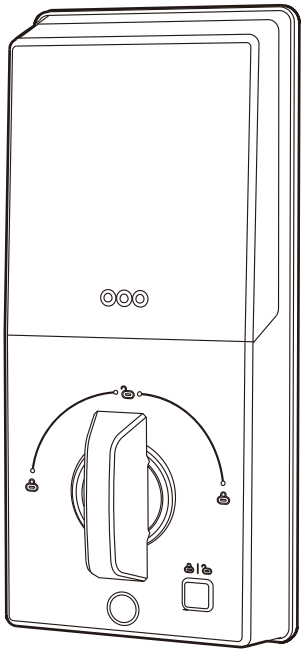
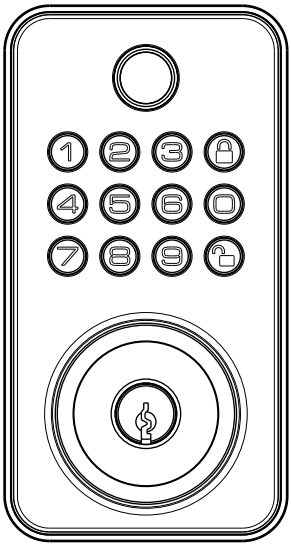
# E05





***Operating Manual of American-standard Lock***

Please read and understand the Operating Manual before use.

Caution: Please take along an emergency key or put it in a safe place outside.

## ■ Instructions For Use

**screwdriver and a drilling machine before installation.**

-Registered Administrator (Unregistered Administrator）
-Press the reset button (within 2 seconds), prompt "add administrator, please enter a new password", enter the same 6-10-digit password twice, the system prompts that the registration is successful
-Add an administrator (an administrator password has been registered）
-Press the reset button (within 2S), prompt "add user, verify administrator " after successful verification prompt "add administrator please enter fingerprint or password" fingerprint needs to be pressed 5 times, enter the password to be registered twice, press the confirmation key to end, register the second administrator successfully
-Add administrator (two administrator passwords have been registered）
-Press the reset button (within 2S), prompt "add user, verify administrator " after successful verification prompt "add administrator please enter fingerprint or password" fingerprint needs to be pressed 5 times, enter the password to be registered twice, press the confirmation key to end, register the third administrator successfully.
-Adding users (registered 1-3 administrators)
-Press the reset button (within 2S), prompt "add user, verify administrator " after successful verification prompt "add user please enter fingerprint or password" fingerprint needs to be pressed 5 times, enter the password to be registered twice, press the confirmation key to end, that is, the registered user.

## ■ Packing List

| S/N | Content | Quantity |
|---|---|---|
| 1 | Front lock | 1 |
| 2 | Rear lock | 1 |
| 3 | Lock cylinder(Including key*2) | 1 |
| 4 | Specification | 1 |
| 5 | Installation accessories package | 1 |
| 6 | Opening drawing | 1 |

## ■ Product functional Characteristics

Unlocking via keys

Unlock with password

Standard key cylinder

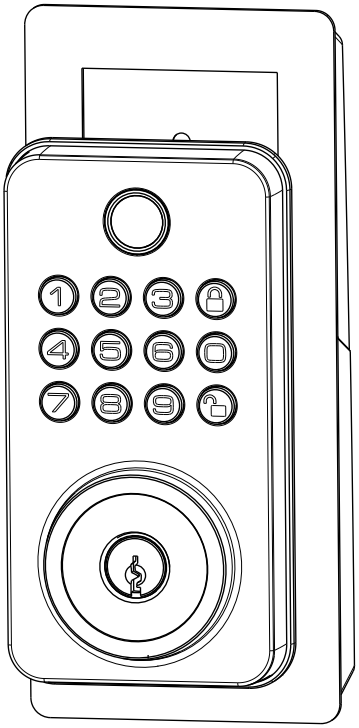
APP unlocking

Low voltage alarm

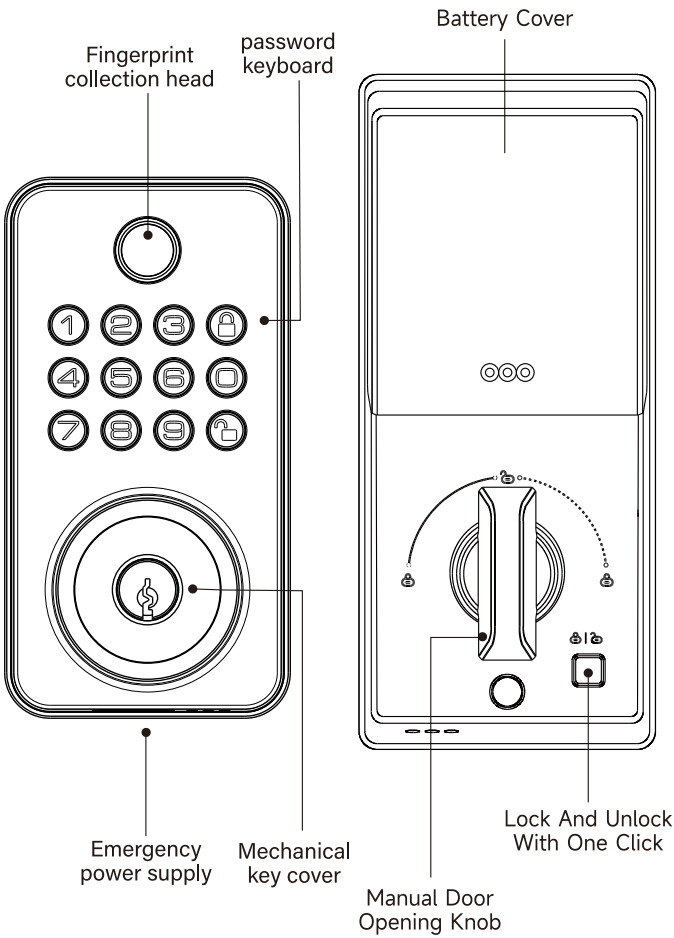
Virtual password

Automatic locking

Fingerprint unlock



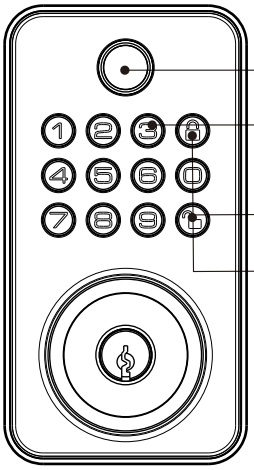
## ■ Schematic Diagram Of Product Breakdown



## ■ Product Specification And How To Operate The Menu

| Name | Content |
|---|---|
| Key category | Password and mechanical keys |
| Password capacity | 3 administrators and 47 general users |
| Power supply | 4 AA alkaline batteries |
| Tips | Prompt of light and buzzer |
| Low voltage alarm | 4.8V |
| Antistatic | Exposure+ / 8KV Air+ / 15KV |
| Standby current | <7OuA |
| Dynamic power consumption | <200mA |
| Operating enviroment | -4°F/-20°C ~ +122°F/+50°C |
| Operating humidity | 0%~95% |
| Applicable door thickness | 1.38 IN/35 MM - 2.17 IN/55 MM |

## ■ Key And Light Indication Functions



Front lock body

Fingerprint as status indicator
Indication light of red and green state:
Green light for success, red light for failure

Number Key
Backlight: white

Confirmation and unlock key

Cancel and lock key

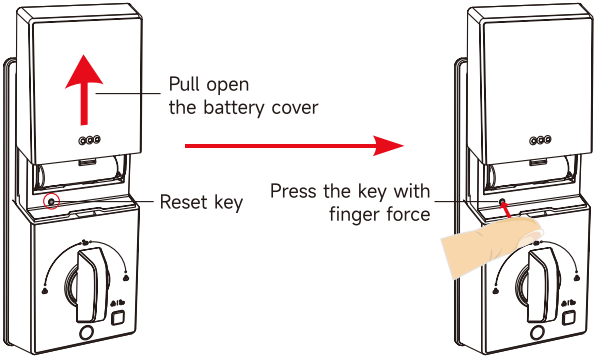
**Description of "buzzer" prompt note:**

1. Short "beep" for once: Button sound;
2. Short "beep" for twice: Operation continues;
3. Short "Beep" for three times: Error reminder;
4. Long "Beep": Operation success reminder;
5. Short "Beep" for four times: Alarm sound.

# ■ Operating Process

**Factory Settings**

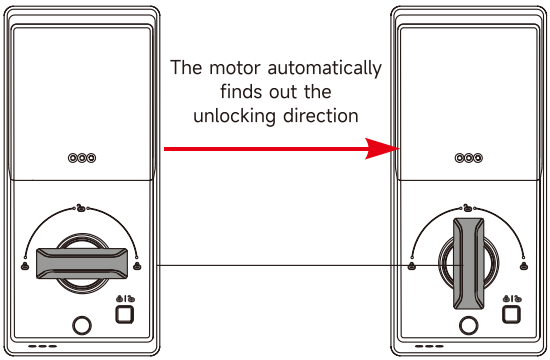
Press and hold the reset button for 5 seconds until it long"di" three times, and the factory settings are restored successfully.




**Setting Unlocking Direction**

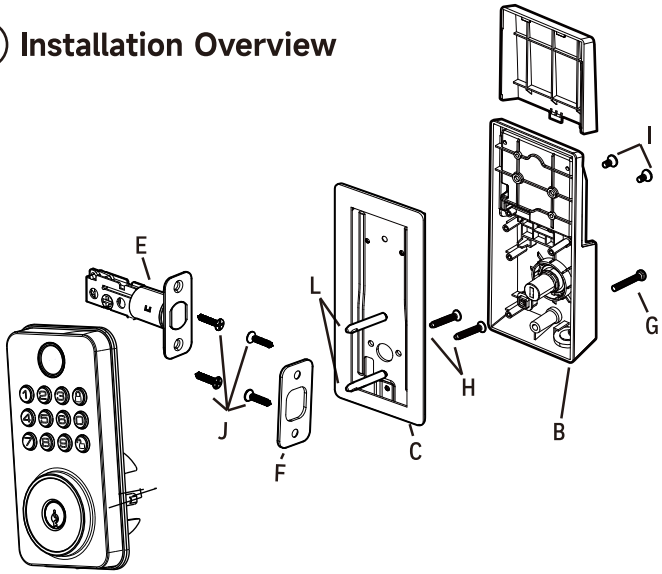
The system is in the factory state, the lock is initialized (no user entered), the direction is automatically set after the battery is installed, and the long beep prompts that the lock direction is set successfully.

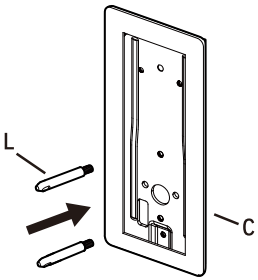
When a user is registered, the lock cannot automatically recognize the direction of the door. So when installing the door lock, please be sure to reset the lock first!



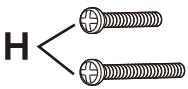
# ■ Installation

## ① Installation Overview




NOTE:
Screw Mounting Post (L) into holes on Mounting Plate (C)

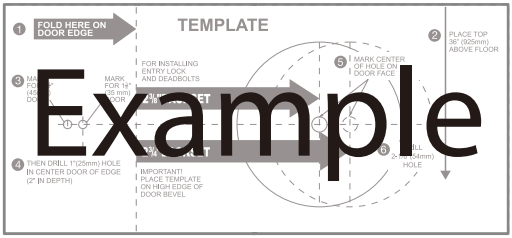



If your door thickness is 1.38in/35mm to 1.77in/45mm door thickness, you should use 0.98in/25mm shorter screws

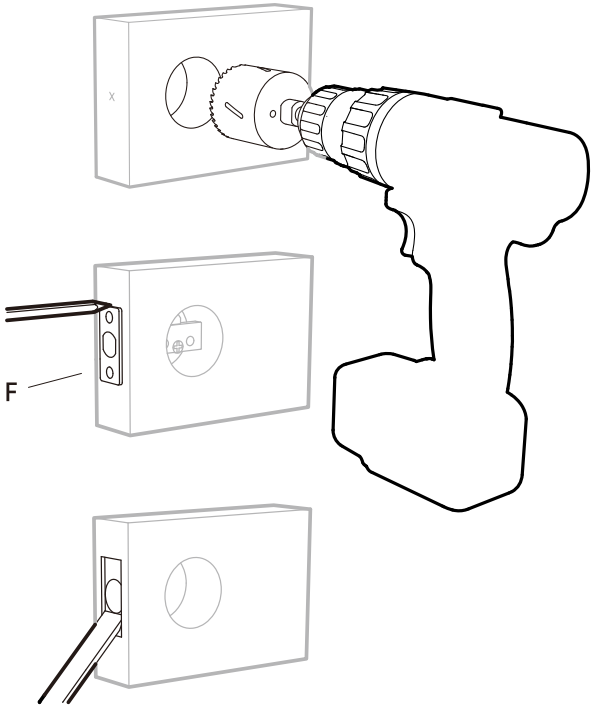
If your door thickness is 1.77 in/45mm to 2.17in/55mm door thickness, you should use 1.38in/35mm longer screws.

## ② Preparing Door

NOTE: Skip this step if your door comes with pre-drilled holes.

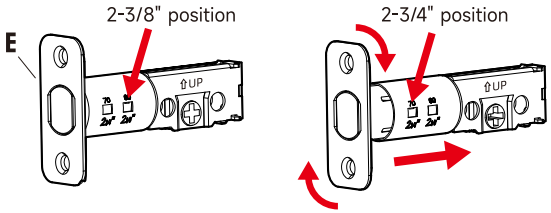



Refer to Template included for Door Prep Instructions



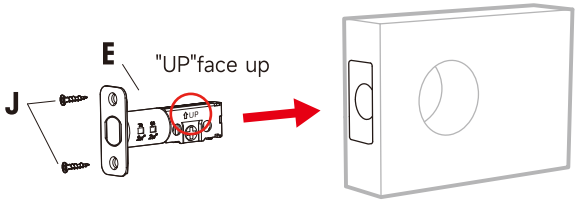
## ③ Install Enclosed Latch and Strike Plate

NOTE: Do not extend Cylindrical Cover past 2-3/4" (70mm)

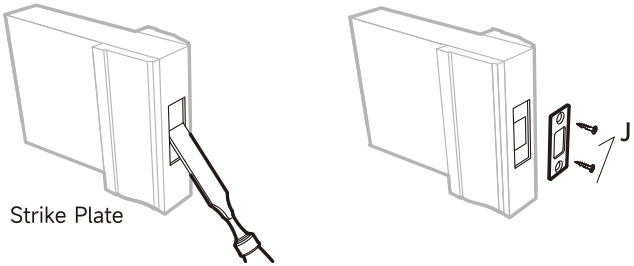



TO CONVERT FROM 2-3/8" (60mm) BACKSET
TO 2-3/4" (70mm) BACKSET

1. Hold latch with numbers facing forward and thumb pressing on the bolt.
2. Rotate the cylinder cover clockwise.
3. Pull and twist the extension plate all the way out.
4. Rotate the cylinder counter clockwise so that the marking aligns with the 2-3/4" position indicator.

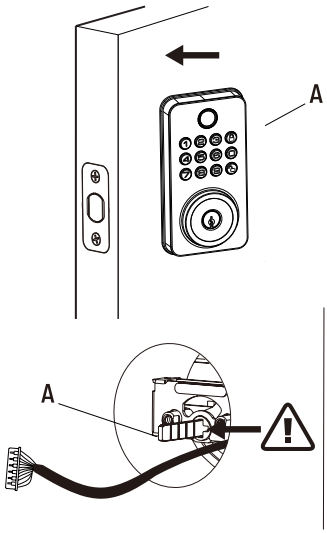



Deadbolt Latch Must Be Retracted During Installation

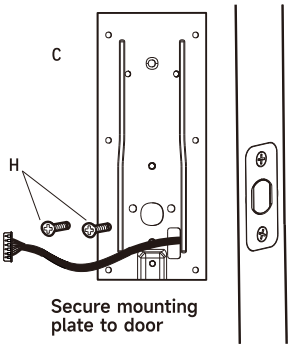



Do Not Over Tighten

## ④ Install Exterior Assembly



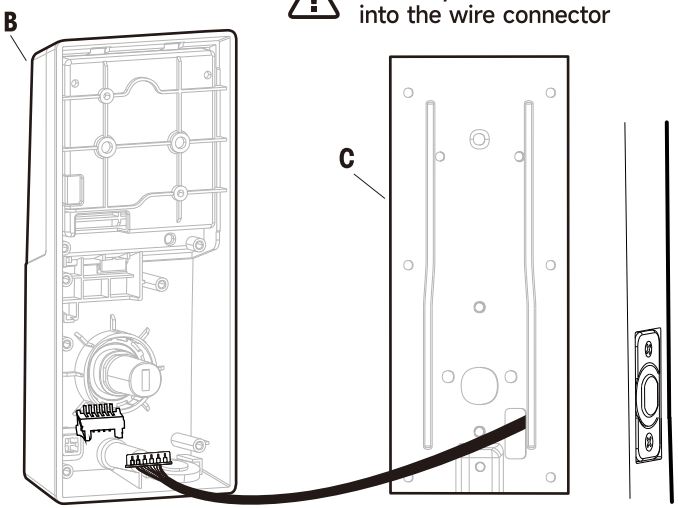

Check that the Rubber Gasket is secured on the Exterior Assembly. Insert the Exterior Assembly onto the door with the tailpiece going through the Deadbolt Latch Set in the VERTICAL POSITION. Route the Control Wire through the door under the Deadbolt Latch Set.



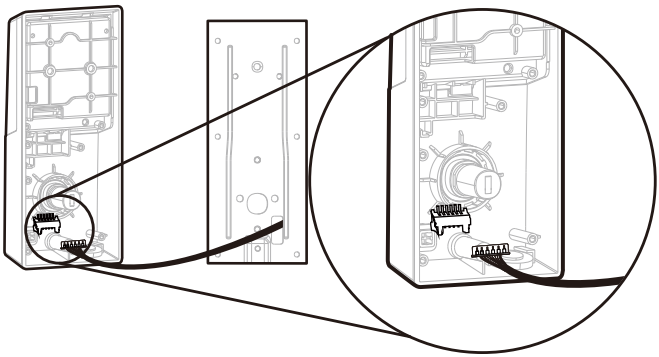

**Secure mounting plate to door**

## ⑤ Install Interior Assembly

Carefully insert control wire into the wire connector



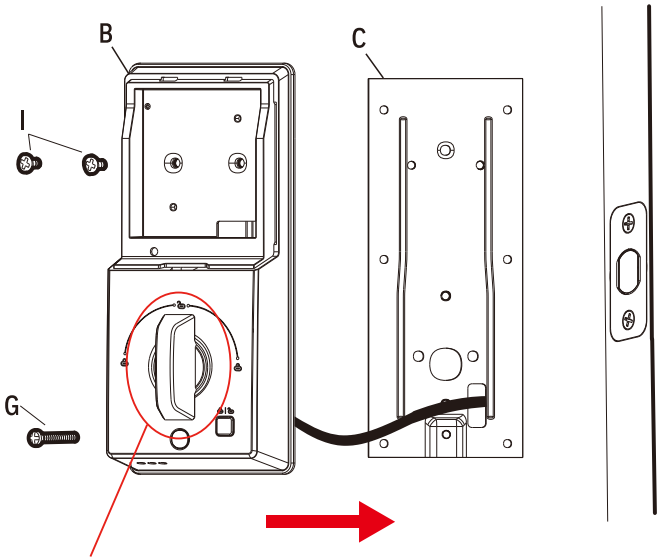

Work with the door open



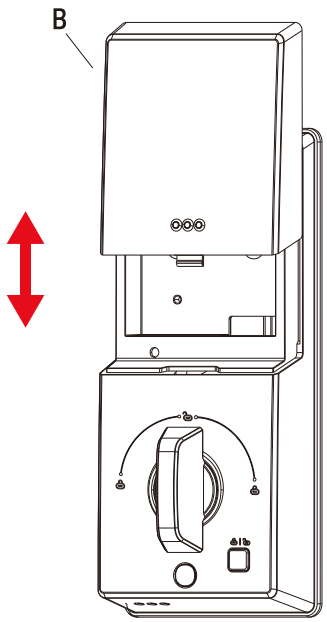
NOTE: Make sure the connector lines up with the control wire

## 6 Install Interior Assembly

NOTE: Make sure the Knob is in the correct position.
Be careful not to pinch the control wire when assembling.



## 7 Install Batteries and Cover



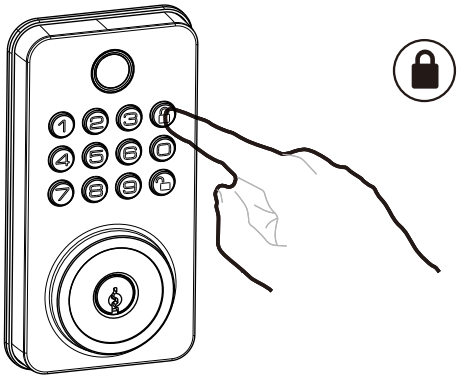

This Electronic lock requires (4) High Quality AA Alkaline batteries. When all 4 batteries are installed in the correct position, you should hear 2 beeps and the keypad will illuminate.

The deadbolt extends, retracts, extends, and automatically recognizes the direction of the door. (left or right handed door)

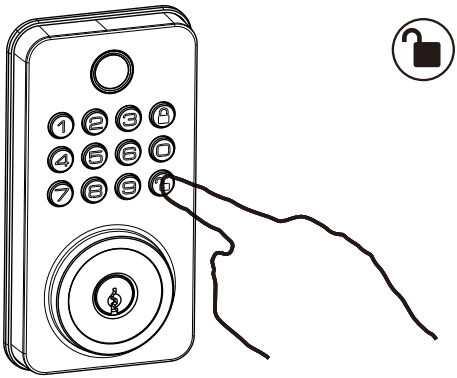
**NOTE: Make sure the lock is reset before installing the battery! Otherwise the lock cannot automatically identify the direction. Do not use rechargeable batteries or non-alkaline batteries.**

## ⑧ Testing Operation

Test the lock button with door open



Test unlocking
Press 1-2-3-4-5-6-



Before Opening Door Let Motor Complete Cycle

# ■ Tuya Smart APP Instructions

## ① Download the App

Download tuya App from the
App Store (iOS devices) or Google Play (Android devices)

## ② Sign up the account

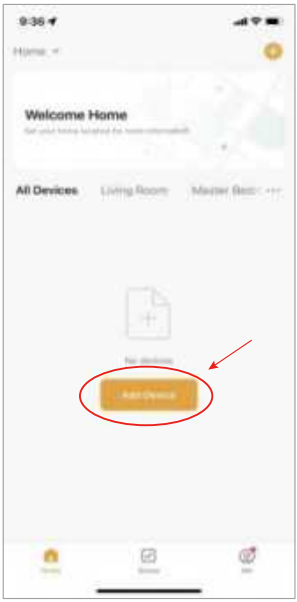
Create your account and follow the set up instructions in the tuya app

## ③ Add the device to your APP

1. Before connecting to the APP, the door lock must be set with at least one password.
2. Start setting the password
   a. Short press the reset button on the rear panel for 1 second, there will be 2 short beeps
   b. Enter the new administrator password + 🔓
   c. Enter the new administrator password + 🔓 again
   d. The green light means that the addition is successful. If there are 3 short beeps and the red light is on, it means that the addition has failed.
3. Start the APP to connect the door lock
   a. Press 3+ 🔓 , the door lock beeps twice
   b. Enter the administrator password + 🔓
   c. The green light flashes, and there is a long beep
   d. Now take out the mobile phone and start connecting the door lock (it needs to be connected within two minutes, otherwise it will time out.If the time exceeds 2 minutes, you need to start from step 3.)

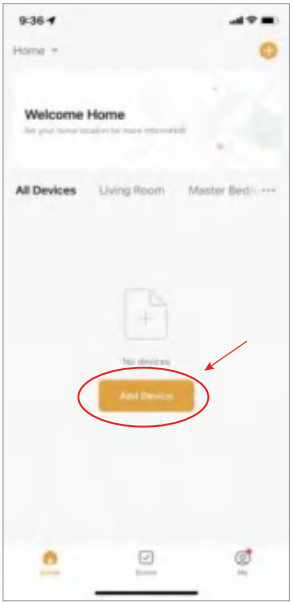
**Note:**

1. After successfully pairing, Tuya App on your phone becomes Administrator of the lock.
2. If you do not find the lock on App when pairing, please reset the lock first.
3. Once you pair the lock with your App account, the lock will not be able to link to other accounts, unless you remove the lock from your App.



**Manually add devices**

Path: + in the upper right corner of the mobile phone - Add Device - Camera & Lock - Lock (BLE)



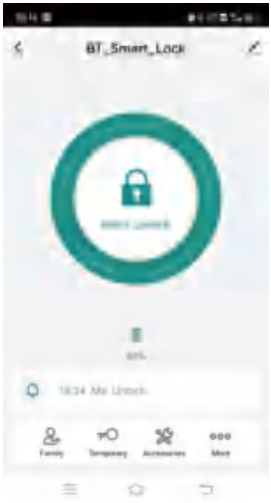
Reset the device
Please complete the setting according to the following steps:
① Power on the device;
② Turn on Bluetooth on the mobile;
③ Set the door lock to network distribution status by following the manual.
Enable Bluetooth network distribution
Reset Device Step by Step

Add Device
BT_Smart_Lock

Add Device
BT_Smart_Lock
Done

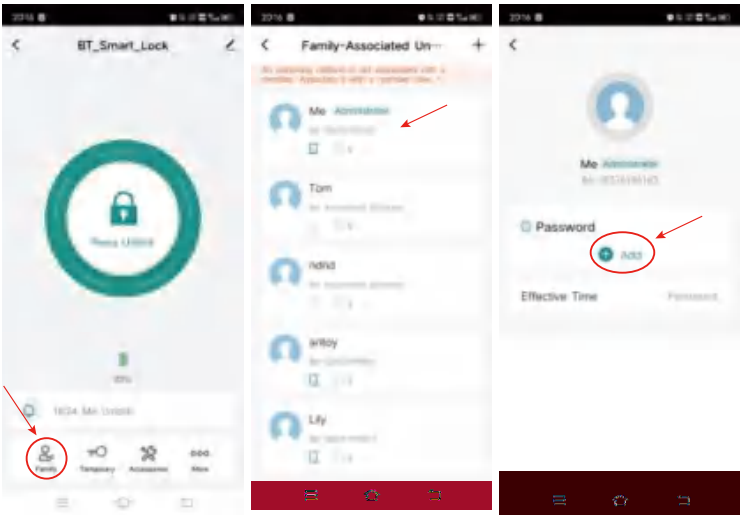
## 4 APP unlock

Open the APP and the following interface appears, press and hold the unlock button below to unlock.



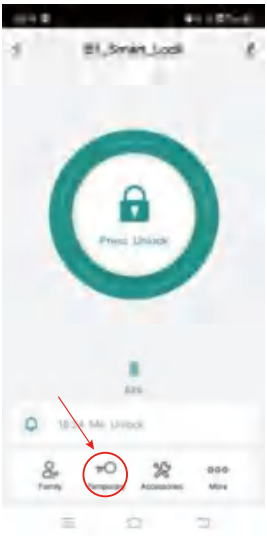

## 5 APP add password

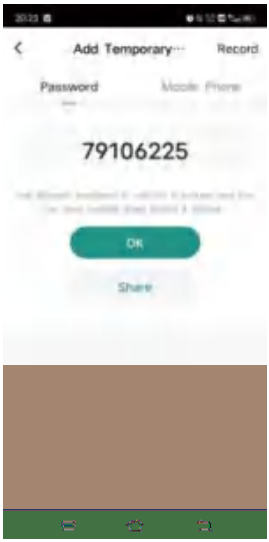
Open the APP and the following interface appears, add the lock password.



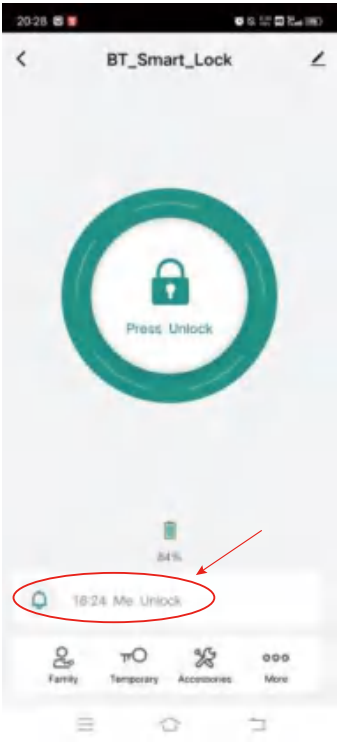
## 6 APP generates a temporary password

Open the APP and the following interface will appear, and a temporary password will be generated to share with the user (the password will only be valid within 5 minutes each time).





## ⑦ APP check unlock record



# ■ Operating Process

## Registered users

**1. Register administrator password**

a. If there is no administrator password, short press the reset button on the rear panel, and there will be 2 short beeps

b. Enter the new administrator password + 🔓

c. Enter the new administrator password + 🔓 again

The green light means that the addition is successful. If there are 3 short beeps and the red light is on, it means that the addition has failed.

**2. Registered user password**

a. When the administrator password has been registered, short press the reset button on the rear panel, and there will be 2 short beeps

b. Enter the registered administrator password + 🔓

c. After a long beep and a green light, the administrator verification is successful

d. Enter the new password + 🔓

e. Enter the new password + 🔓 again

The green light means that the addition is successful. If there are 3 short beeps and the red light is on, it means that the addition has failed.

**3.Registering Administrator Fingerprint**

A. Short press the reset button on the rear panel, and you will hear two short beeps.

B. Enter the previously registered administrator password+🔓

C. Enter the new administrator fingerprint by scanning it five times.

The green light indicates successful fingerprint registration.

If you hear three short beeps and the red light is on, it means the registration has failed.

## Other operations

**1. Error Tips**

The red light is on for 2 seconds, and at the same time, the voice sends out three "di-di-di".

**2. Success Tips**

The green light is on for 2 seconds, and the voice emits a long beep at the same time.

**3. Double alarm**

Anti-theft alarm

When the password is wrongly entered five times, there will be a voice prompt of "beep" after you enter any key.

**Note:** the system will be locked for 1 minute, when the system is locked, you need to wait for 1 minutes before entering the password again to unlock.

**Battery Dead Alarm**

There will be a "beep" sound for 4 times when unlocking; the keyboard light will flash, at this time, please change the battery in a timely manner. (and the door can still be opened for 200 times.)

**4. Bluetooth connection settings**

a. Add administrator password

b. Press 3+ , the door lock beeps twice

c. Enter the administrator password +

d. The green light flashes, and there is a long beep

e. Now take out the mobile phone and start connecting the door lock (it needs to be connected within two minutes, otherwise it will time out. If the time exceeds 2 minutes, you need to start from step a.)

**5. Normally-opened functions (the lock is in unlocked status)**

Setting of normally-opened functions.

Within 5 seconds after unlocking with the password, press the "7", "8" and to open the normally open setting, and you will hear a long "di" sound, indicating that the normally open mode is set successfully.

Cancel the normally-opened mode.

Opening the door with the password or people are inside the door to unlock.

**6. Automatic lock switch**

When an administrator password is set

a. Press 777 + 🔓

b. Enter the administrator password + 🔓

c. A long beep and the setting is successful

If the automatic lock back is turned off before, the automatic lock back is turned on.

If the automatic lock back is turned on before, the automatic lock back is turned off.

**7. Volume setting**

Adjust the beep volume, press "333+🔓" to set the volume, there are 3 levels of volume: "small-medium-large" cycle setting.

**8. Emergency power supply**

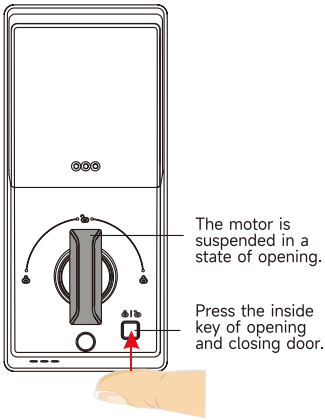
Emergency power supply interface type c equipped on the front bottom side of the smart lock: to unlock the door temporarily by connecting to the emergency power supply interface with the power bank. After unlocking, please replace the battery inside the lock immediately.

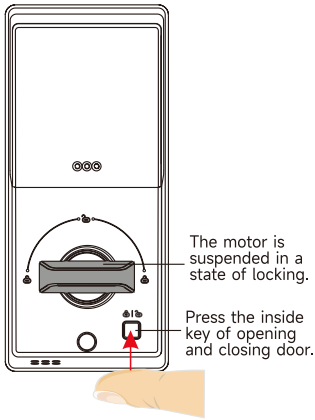
# ■ Operating process

## Opening and closing the door inside

### One-click opening and locking inside

If you are inside the door and want to get out, or lock the door inside speedily, press the door opening and closing key inside, and turn the opening and locking lock with motor.

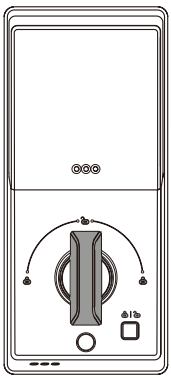


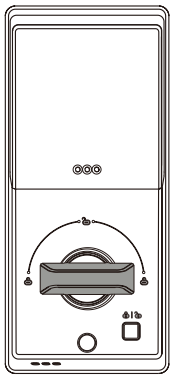




### Manual locking inside

When the system is in a state as delivered, the initialized setting is carried out for the lock(No users entered), the direction will be automatically set after being power on, long"beep" sound refers to successful setting of the lock direction.

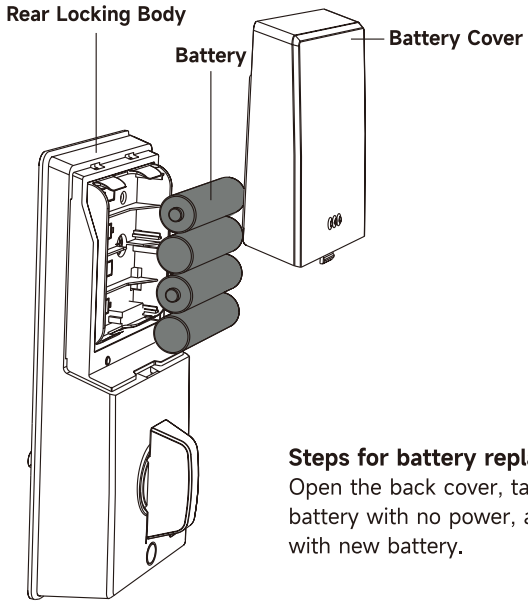
Note: when the users are entered, the unlocking direction of lock cannot be automatically set.





# ■ Precautions

1. **Prohibit any disassembly at will**
   The product is composed of precise and complex components, please do not disassemble any structures inside to avoid operation abnormalities of the product or other use danger resulting from this. If you need to disassemble, again, please contact a professional.
2. **Choose cleaning method carefully**
   Please clean the product with dry cloth, water is prohibited to clean the product to avoid power failure.
3. **Measures to cope with battery running low or out of power**
   a. Prompt of battery running low
   There will be a "beep" sound for 4 times when unlocking
   The keyboard light will flash, at this time, please change the battery in a timely manner.




**Steps for battery replacement:**
Open the back cover, take out the battery with no power, and replace with new battery.

# ■ FCC Statement

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.

● **Warnings:**

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

● **Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

(1) Reorient or relocate the receiving antenna.
(2) Increase the separation athe equipment and receiver.
(3) Connect the equipment into an outlet on a circuit different from
that to which the receiver is connected.
(4) Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## ■ Warranty

- We provide 30 days worry-free money back and one year limited warranty.
- Any problem, please feel free to contact us.
  E-mail us at: support@arpha.com

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