

Essence

Digital Door Lock

USER MANUAL



RFID Card



Fingerprint



Mechanical Key

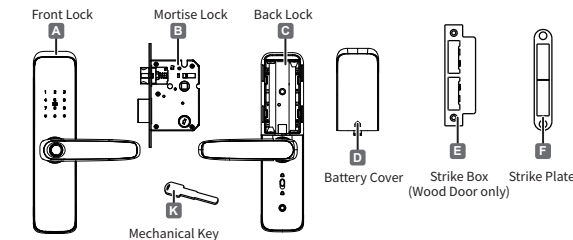


Passcode



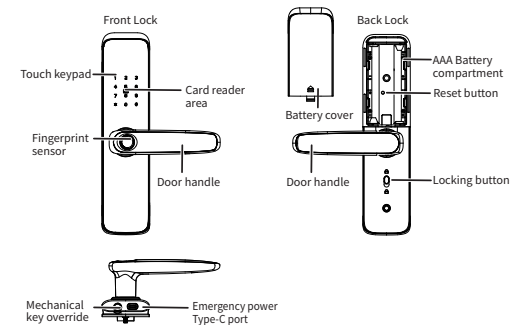
Micro-USB Port for
External Power Use

1 ACCESSORY



Door thickness Quantity	Connecting Spindle	Connecting Pillar	Connecting Screw	Screw	RFID Card
35-39mm	8*8*75mm	4*5*35mm x 2	M4*30mm x 2	4.2*25mm X 4	
40-50mm	8*8*75mm	4*5*35mm x 2	M4*45mm x 2	4.2*25mm X 4	
51-60mm	8*8*90mm	4*5*45mm x 2	M4*45mm x 2	4.2*25mm X 4	

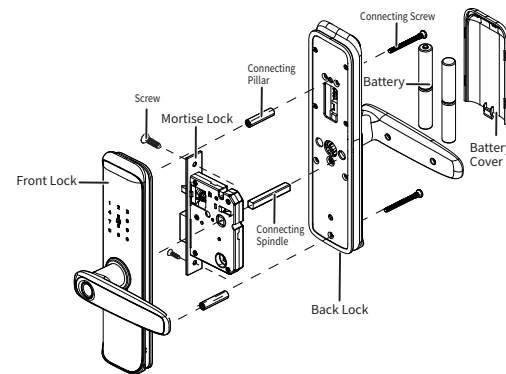
2 PRODUCT OVERVIEW



3 SPECIFICATION

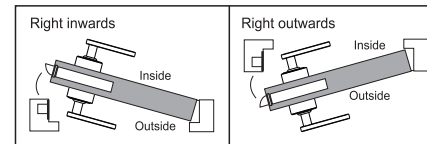
No.	Item	Specification
1	Mortise Type	6068 Stainless Steel Body
2	Rejection rate	<0.1%
3	False recognition rate	<0.001%
4	Fingerprint collection range	±180°
5	Card type	RFID
6	User Capacity	100 Users (3 Admin + 97 General Users)
7	Battery life	Opening times ≥3000
8	Working voltage	4 No.s AA Battery
9	Static power consumption	≤100uA (average power consumption)
10	Verification time	≤3s, (including the whole process of fingerprint collection, comparison and unlocking signal output)
11	Keyboard type	Touch sensing
12	External emergency power supply	5V1A Micro USB
13	Resistance to static electricity	≥8KV (contact) ≥15KV(Non-contact)
14	Storage temperature	-25℃ ~ 80℃
15	Working temperature	-25℃ ~ 70℃
16	Ambient humidity	15%RH~ 93%RH

4 INSTALLATION GUIDE

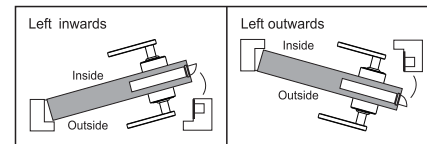


5 DOOR OPENING DIRECTION

1. Right handle opening



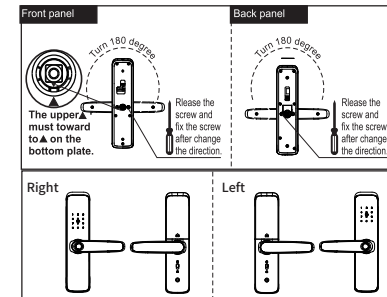
2. Left handle opening



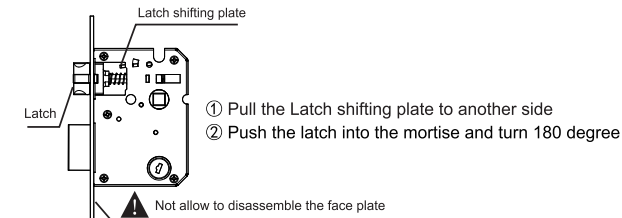
6 ADJUST RIGHT HANDLE AND LEFT HANDLE

Release the screw with a screw driver, and turn 180 degree according to your needs to adjust the left and right, fix the screw after the handle on the correct direction.

Note: DO NOT REMOVE THE SCREW INSIDE THE HANDLE HOLD, OTHERWISE, THERE IS NO WARRANTY

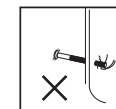


7 ADJUST THE MORTISE JOINT

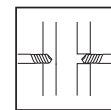
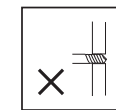


8 CAUTION BEFORE INSTALLATION

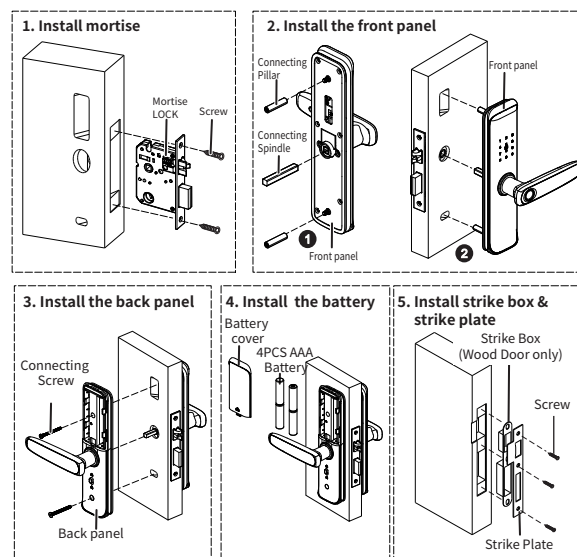
- 1) Do not be a strong force when installation, avoid to damaging the lock.
- 2) Use correct installation tools.
- 3) Wear glass to protect your eyes when drilling holes.



- 4) Drilling the door holes on both side of the door avoiding to damaging the doorplate.



9 INSTALLATION

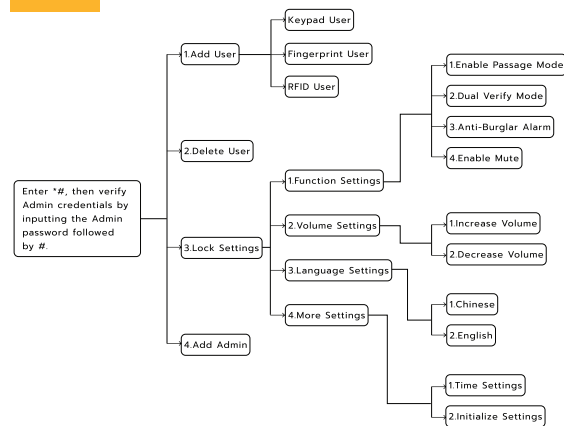


10 CHECKPOINT AFTER INSTALLATION

1. The face plate is horizontal with the door.
2. The Latch bolt, Dead bolt and Security Bolt must works smoothly and flexibly
3. The Front lock is vertical and stable.
4. Front handle works smoothly and flexibly, Dead bolt should be in position when you lift the handle.
5. Dead bolt should be in position when you lift the Back handle, and it should be retracted when you press the handle.
6. Knob turns smoothly and flexibly, and Security bolt reaches out or retracts should be together with the Knob's action.

11

FUNCTION MENU



12

SYSTEM CONFIGURATION

Function and Operation

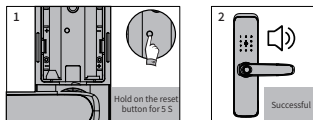
- 1) Description of terms and functional keys
 1) Administrator information: Refer to the Administrator's fingerprint, password or RFID card.
 Unlock information: refer to the input fingerprint, password or RFID card information (including Administrator and ordinary users).
 2) Key "": clear key/back key. Enter the password or point by clearing the previous input.
 Press the clear key three times in succession, empty all input.
 3) Key "#": confirmation key or menu function key.

Original State

- 1) Under the initial state any fingerprint RFID card or password can open the lock.
 2) Any fingerprint, RFID card, or password which are not registered can't open the lock after inputting the administrator information.

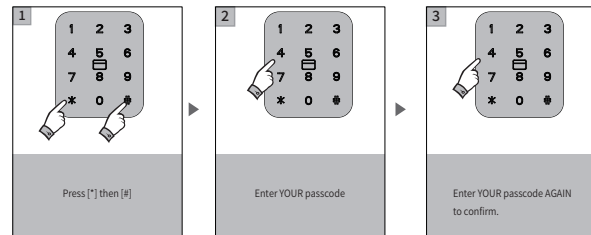
Initialization Setting

Please note:
 Before you can start using this lock, you must register a new administrator.



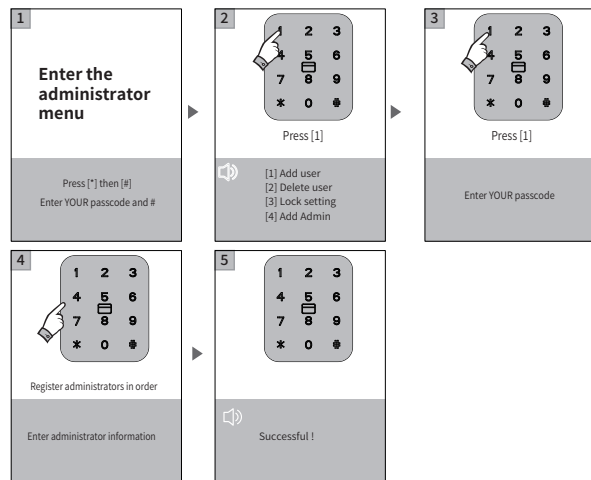
LOCK OPERATION

Add Administrator



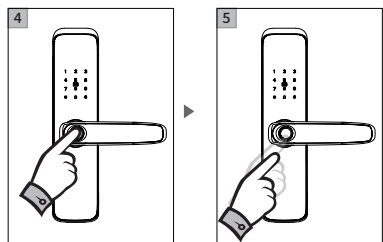
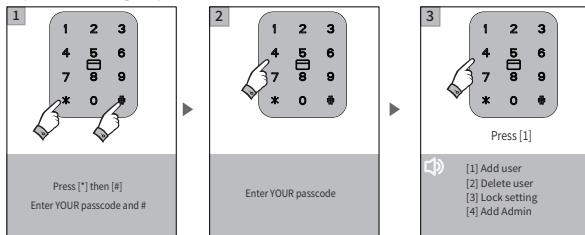
1. Add User

a) By Passcode



LOCK OPERATION

b) Add Fingerprint

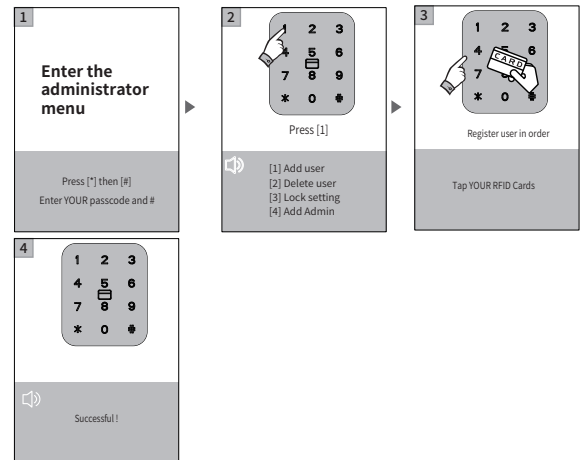


Press 7 Times ,
 Until the ring colour changes to green.



LOCK OPERATION

c) Add RFID Users



2. Delete Users

Users can be removed based on User ID, Fingerprint, Passcode, or RFID card:

- Select "Delete User," enter the User ID, and confirm by pressing #.
- The system will confirm the successful deletion.

3. Lock Settings

3.1 Function Settings

Enable Passage Mode: Keeps the lock open after unlocking until a passcode, RFID, or fingerprint is entered again.

Dual Verify Mode: Requires two different authentication methods (e.g., passcode and fingerprint) for unlocking.

Anti-Burglar Alarm: Triggers an alarm after three consecutive incorrect password attempts.

Enable Mute: Disables keypad sounds.

3.2 Volume Settings

Press 1 to increase volume.

Press 2 to decrease volume.

3.3 Language Settings

Press 1 for Chinese.

Press 2 for English.

3.4 More Settings

Time Settings: Allows modification of the lock's time and date.

Initialize Settings: Deletes all General User data while retaining Admin data.

4. Add Admin

- Allows the addition of a new Admin via passcode, fingerprint, or RFID card.
- For passcodes, enter and re-enter the passcode followed by #.
- The system will confirm successful Admin registration.
- Admin User IDs are typically three-digit numbers starting with 0

Secure User Management: Admin users can configure lock settings, manage users, and modify system configurations, whereas general users can only unlock the door.

EMERGENCY UNLOCKING

In case of battery failure, the Micro USB input can be used to temporarily power the lock for emergency unlocking. Ensure you use a power bank or any standard USB power source to activate the keypad and enter the authentication method



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