User Manual

8028-ZFMT-ZWAVE

- Please read this manual carefully before installing
- Please safekeeping of this handbook to prepare for inspection

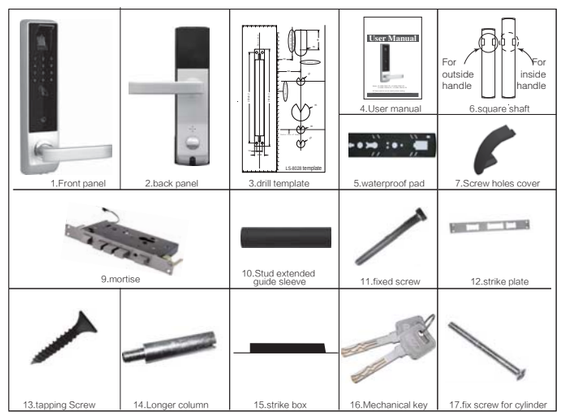
Rev:180314

2、Performance parameters of product

2.1、Performance parameters of lock

Item	Parameter
Door unlocking mode	Z-wave、Fingerprint、card、code、mechanical key
Fingerprint read time	<1second
FRR	≤0.01%
FAR	≤0.0001%
User code capacity	100
Fingerprint capacity	100
User card capacity	100
Battery	4 x AA alkaline batteries (DC4.8 ~ 6.5V)
Low voltage alarm	5.0V (+/-0.2V)
Static current	20~70uA
Dynamic current	70mA
Working temperature	-20℃ ~ 55℃
Storage temperature	-30℃ ~ 70℃
Average Working time of trouble free	≥25,000h

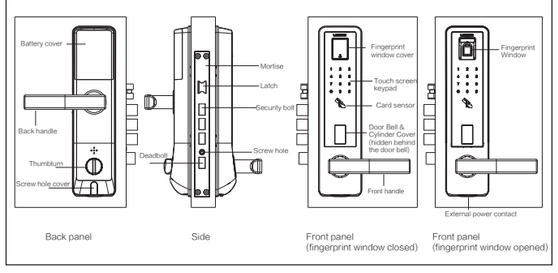
3、Packing list



I、Product introduction

1.Introduction

Model	8028-ZFMT-ZWAVE
Panel size	313 x 76 x 36mm
Material	Zinc alloy
Weight	6.5 K g



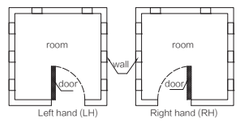
II、Installation guide

1、Installation requirement

1.1、Door thickness requires

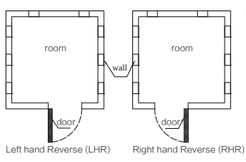
- Lock edging≥110mm (the door with different thickness)
- 40mm≤door thickness≤120mm (if door thickness≤45mm or ≥120mm, it need customize parts)

1.2、Door Direction



Left hand(LH) door: people standing outside the door, facing the door, the door hinge on the left hand and push inward to open the door.

Right hand(RH) door: people standing outside the door, facing the door, the door hinge on the right hand and push inward to open the door.



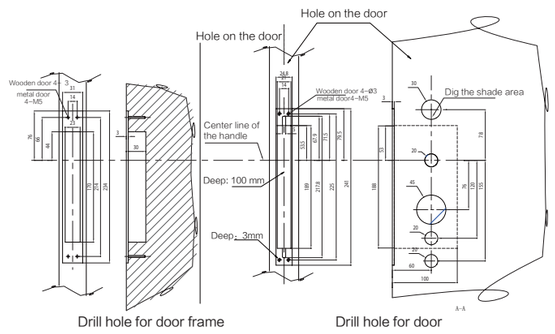
Left hand reverse(LHR) door: people standing outside the door, facing the door, the door hinge on the left hand and pull outward to open the door.

Right hand reverse(RHR) door: people standing outside the door, facing the door, the door hinge on the right hand and pull outward to open the door.

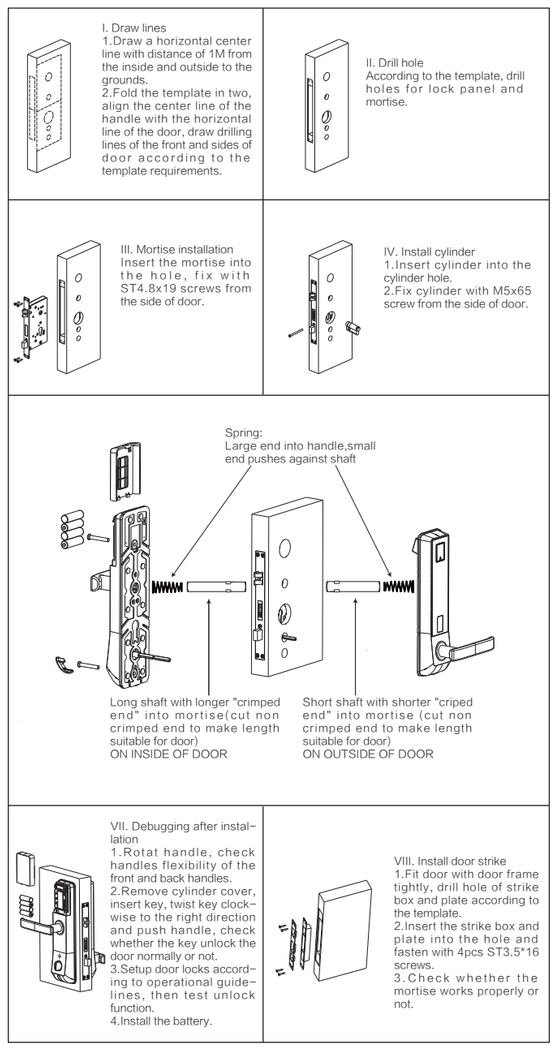
2、Tools

3、Drilling Template

Drilling template for 8028-ZFMT

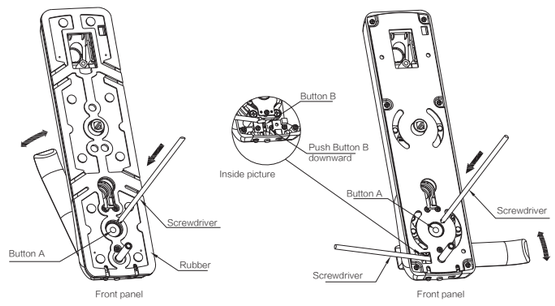


4、Installation step



5.Change the front handle direction:

5.1.Press button A inside and keep it
5.2.Turn handle to left /right side

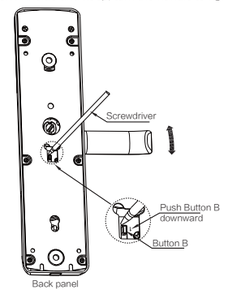


If you want to change front handle from left to right, or right to left, you need to use the button B and do followed steps.

A.Press button A inside and turn handle up to 60° direction, then keep to hold the handle and release button A

B.Push button B downward and turn the handle up to 90° direction, then release button B

C.Press button A inside and keep, turn the handle to right/left side



6.Change the back handle direction:
6.1.Push button B downward and keep it.
6.2.Turn handle to left/right side

If you want to change back handle from left to right, or right to left, you need to push button B downward and keep it, turn handle up to 90 ° direction, then turn handle to right/left.

III、Operation Guide

1.Keypad instructions

- Press "0-9"buttons for codes
- Press "*" for return or deletion
- Press "#" for confirmation or wake up
- There is a reset button on the back panel
- When lock is in sleep model, touch keypad, press two keys lighting blue, wake up the lock.

2.Fingerprint

- Push away the fingerprint window cover and put your finger on the window after the voice prompt.

3.Quantity of fingerprint, card, code user

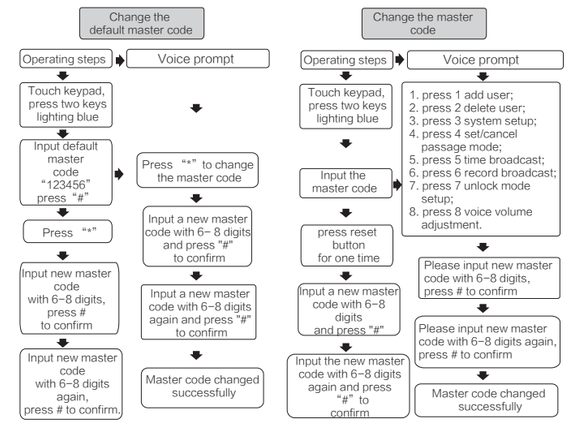
- Master code:1 pcs (default master code: 123456).
  Fingerprint: 100 pcs
  Card:100 pcs
  Code:100 pcs

4.Unlock method

- Fingerprint, code, card and mechanical key;
  fingerprint + code;card + code;card + fingerprint.

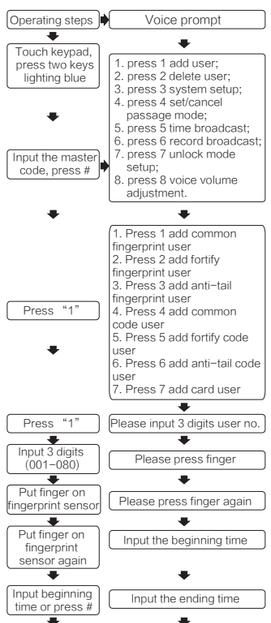
5.Door lock setting introduction

5.1、Change Master Code



- Card, code, fingerprint can only be added after the factory default master code modified.
- New master code should be different with the default master code.
- When modify default master code, the first input code should be same with the second input code.

5.2、Add User fingerprint



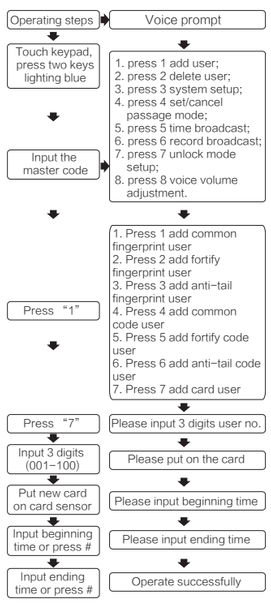
Notes:

•Time format: **(year)**(date)**(hour)**(minute) e.g. 131130=30th, Nov. 2013
•If you don't want fingerprint user with time restriction, please don't input time, press "#" directly

Common fingerprint user index No. is 001-080
Fortify fingerprint user index No. is 081-090
Anti-tail fingerprint user index No. is 091-100

Common fingerprint user is same as anti-tail fingerprint user.
Fortify fingerprint user isnt for unlocking lock.It needs to work with a special alarm.

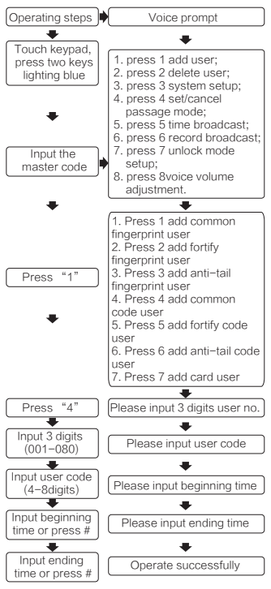
5 .3 Add User Card



Notes:

• In the card adding status, you can add more card users continually.
• If you don't want card user with time restriction, please don't input time, press "#" directly.

5 .4 Add User code

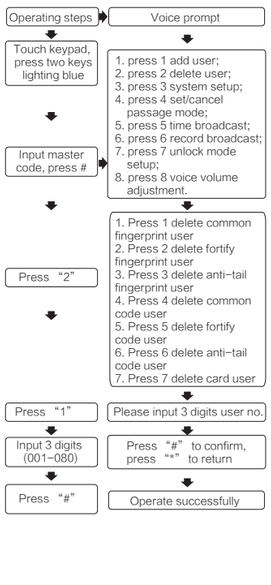


Notes:

• In the card adding status, you can add more card users continually.
• If you don't want card user with time restriction, please don't input time, press "#" directly.

Common code user index No. is 001-080
Fortify code user index No. is 081-090
Anti-tail code user index No. is 091-100

5.5 Delete User Fingerprint

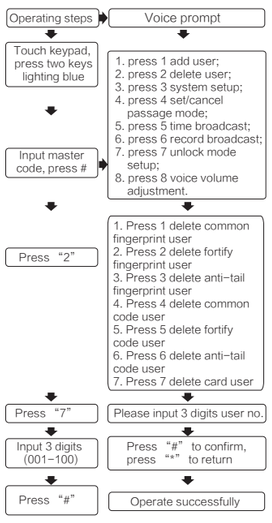


Notes:

• in the fingerprint deleting status, you can delete more fingerprint users continually.

Common code user is same as anti-tail fingerprint user.
Fortify code user isnt for unlocking lock.It needs to work with a special alarm.

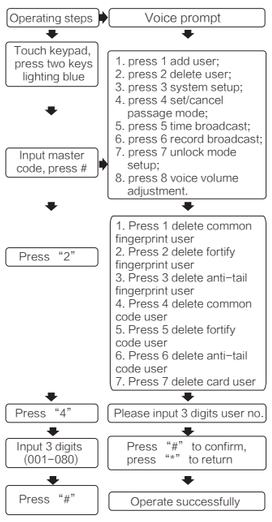
5.6 Delete User Card



Notes:

• In the card deleting status, you can delete more card users continually.

5.7 Delete User code

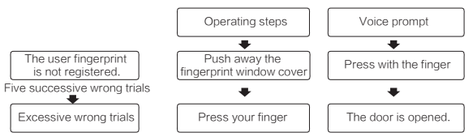


Notes:

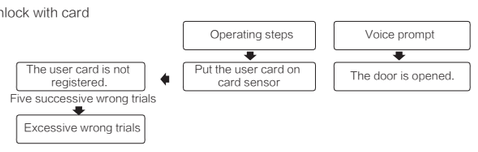
• In the password delete status, you can delete more user code continually.

6、Unlock introduction

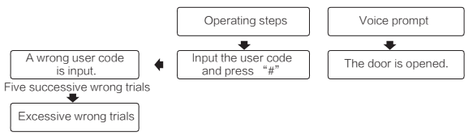
6. 1 Unlock with fingerprint



6.2 Unlock with card

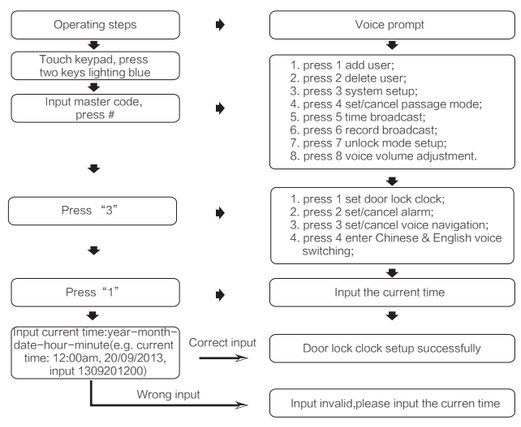


6 .3 Unlock with user code

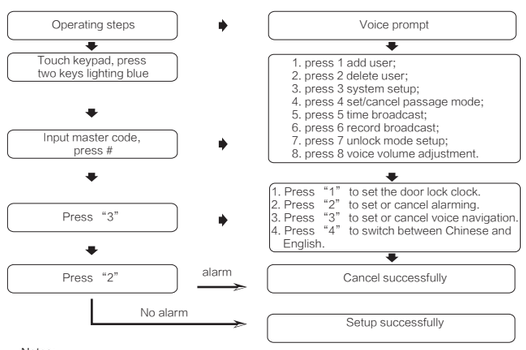


7. Door lock system setup

7.1 Door lock clock setup



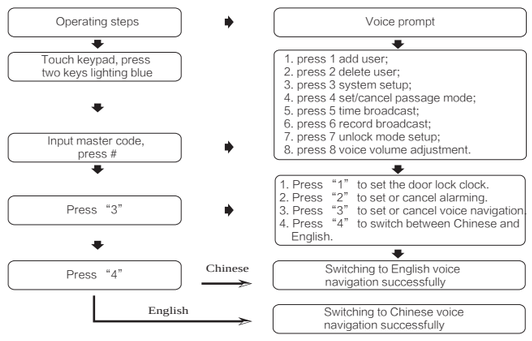
7.2 Door lock alarm setup/cancel



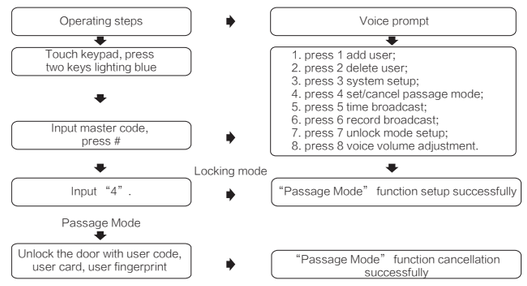
Notes:

•For function 3 set or cancel voice navigation,it is just for set or cancel the voice "Welcome" when you open the lock with app & version broadcast when you install the battery.

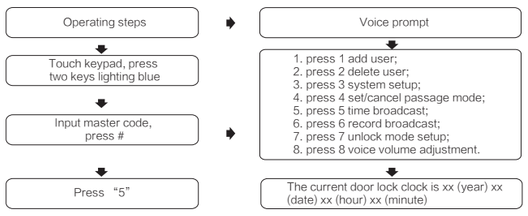
7.3 Chinese/English voice navigation switching



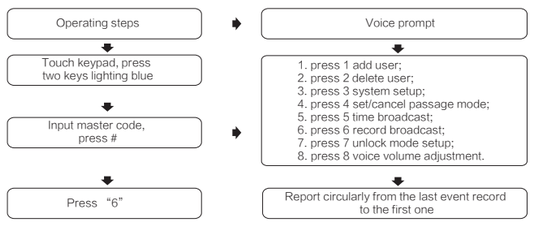
8.“Passage Mode” function setup/cancel



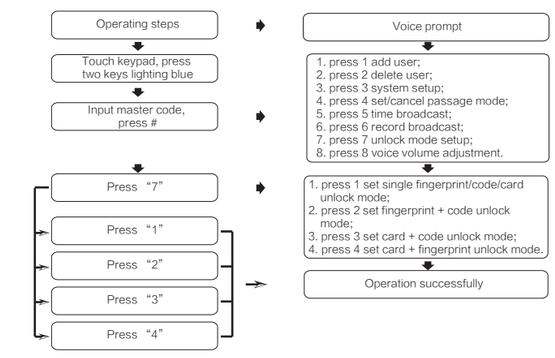
9. Door lock clock reporting



10. Door lock event record reporting

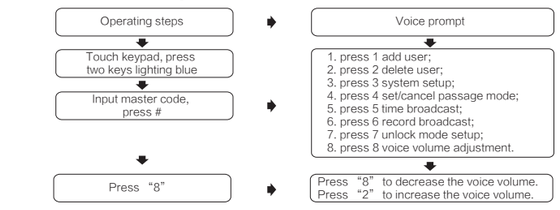


11. Door unlocking mode setup

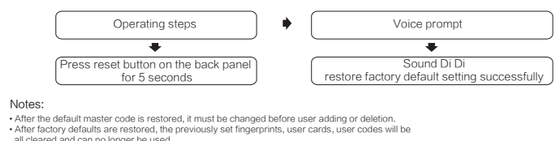


After setting,it just can be unlocked with the setting mode.For example,it set with card+code unlocked it cant unlock with fingerprint/code/card or with fingerprint+code or card+fingerprint unlock mode.

12. Voice volume adjustment



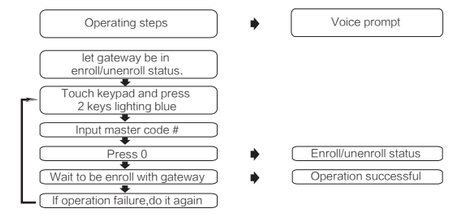
13. Restore factory defaults setting



Notes:

• After the default master code is restored, it must be changed before user adding or deletion.
• After factory defaults are restored, the previously set fingerprints, user cards, user codes will be all cleared and can no longer be used.

14.Enroll/unenroll with zwave gateway:



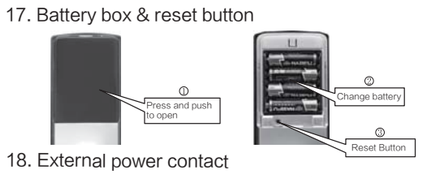
15. Malfunction prevention function

When 5 failed authentication attempt with unregistered code/fingerprint occur, the lock stops operating for 3 minutes.

16. Low battery alarm function

4 pieces AA Alkaline battery(6V), when battery voltage is lower than 5.0V, the door lock will sound a voice prompt "Low battery. Replace it".

17. Battery box & reset button



18. External power contact

19、Change the mortise direction.

Use the screwdriver to push the latch pole out and keep it, then rotate the latch to change the direction