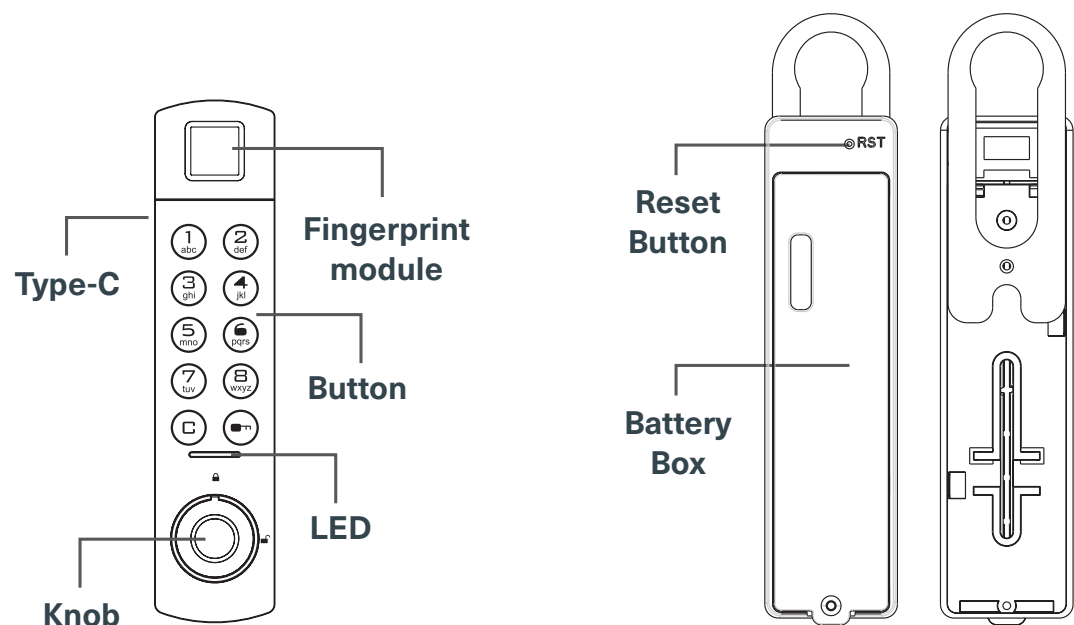




# Keyfree 410, 420

## Biometric Keypad Lock Instructions



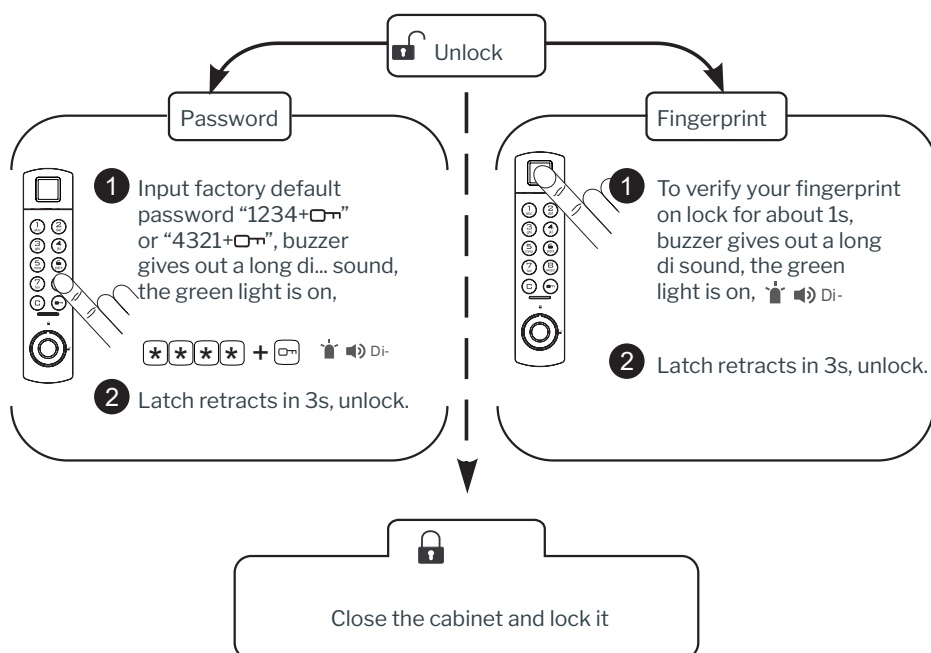
Technical parameters

Semiconductor fingerprint reader	Password or fingerprint
User password	1234
Management password	4321
Working temperature	-20 ~ + 55°C
Storage temperature	- 40 ~ + 55°C
Working humidity	10% ~ 85% RH
Management fingerprint	2
User fingerprint	8
Static current	<40uA
Dynamic current	<100mA
Batteries life time	≥3000 times
Power supply	4×AA Alkaline battery

1. How to operate

- 1. Factory default user password 1234, factory default management password 4321; factory default fingerprint database is empty, any fingerprint can open the lock under the private mode.
- 2. The lock fingerprint input has 2 types: management fingerprint and user fingerprint. Unlock permission: manage fingerprints > user fingerprint.
- 3. This lock has 2 kinds of mode, one is private mode, and the other one is public mode. Under the public mode all passwords are temporary you cannot set up temporary fingerprint. Factory default mode is private mode.

## 2. Lock & Unlock



### Note:

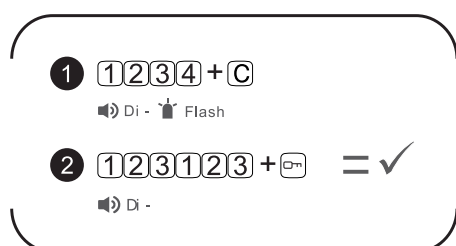
Wrong: buzzer gives out di di di sound.

When the red light is on, means low voltage.

After using the management password to unlock, the user password will be changed back to 1234.

## 3. Setting password

Change the password (e.g. change the factory user password "1234" to "123123")



1. Input current password "1234+C", buzzer gives out a long di... sound, the green light flash quickly


2. Input new password "\*\*\*\*\*+□", when you heard a long di... sound, means password already been changed.

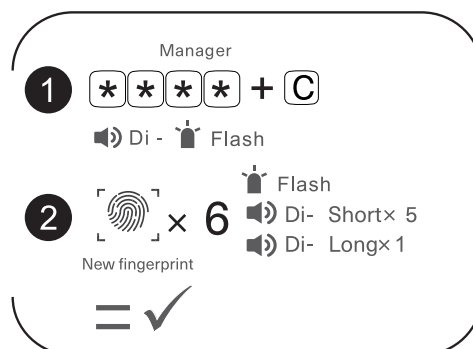
### Note:

- Master password change follow the same steps.
- New password consists 4-15 digits, master password cannot be as same as user password.
- Sound di...di...di... 3 times, it means wrong operation.

## 4. Setting fingerprint

### A. How to add the management fingerprint


1. Input correct management password “\*\*\*\*+C”, when you heard a long di.. sound, the green light  flash quickly
2. Place the fingerprint on the lock 6 times, each time you will hear a short di sound, means inputting fingerprint succeed, if you hear three short di sound, means failed. Then change position of fingerprint and press 6 times successfully, a long di sound, means setting management fingerprint success (2 at most)

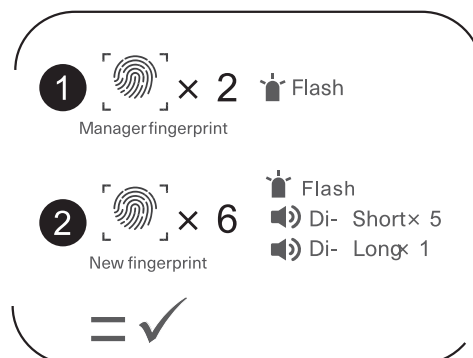


#### Note:

- Management fingerprint add and delete user fingerprint function.
- Under public mode, management fingerprint can also delete the temporary password.

### B. How to add the user fingerprint



1. To put the management fingerprint on the lock for about 1s, you will hear a long di sound with the green light  is on
2. Again put the management fingerprint on the lock for about 1s, you will hear a long di sound with green light flash, now you are ready to add user fingerprint
3. To put the user fingerprint on the lock for 6 times, each time you will hear a short di sound, means user fingerprint setting succeed, if you hear three short di sound, means failed. Then change position of fingerprint and press 6 times, a long di sound, means succeed (8 at most)



#### Note:

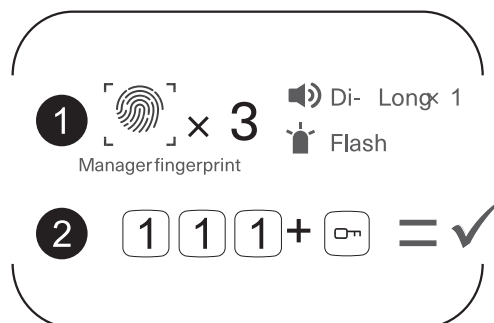
- Under the public mode, user fingerprint is unavailable, codes only.
- Management fingerprint and user fingerprint can not be the same.

## 5. How to delete all fingerprint

1. To put the management fingerprint on the lock for 3 times, the red light  flash
2. Input "111+", when you heard a long di.. sound, delete succeed.







### Note:

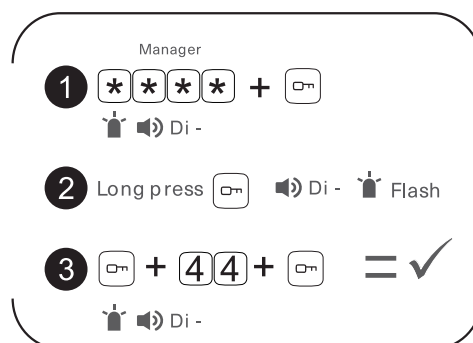
- No function for deleting individual user fingerprints



## 6. How to switch the mode

### A. Turn on public mode


1. Input management password+ , buzzer gives out a long di sound, the green light  is on
2. Press  at least 2s, the green light  flash, press  again
3. Input "4 4+ ", when you heard a long di sound, means public mode already been set.

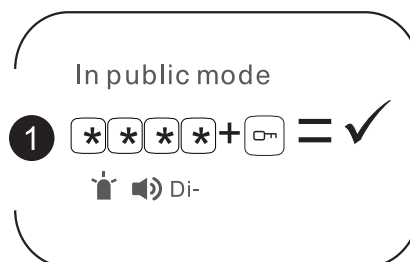


### Note:


- The management fingerprint and user fingerprint recorded in the public/ private mode are invalid after the mode conversion. You need to record the fingerprint again.
- Manage fingerprint can be unlocked in both public and private modes.

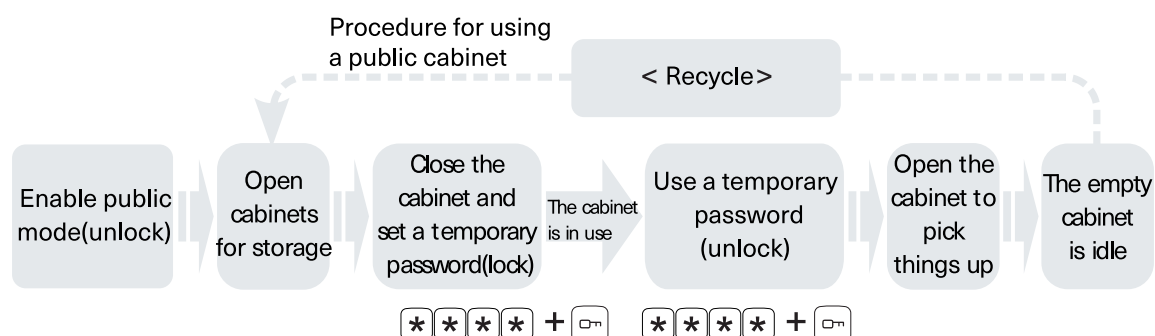
### B. Set temporary password

1. Input the new password consisted of 4-15 digits
2. Press  $\square$ , when you heard a long di sound, the green light  is on, temporary password already been set.





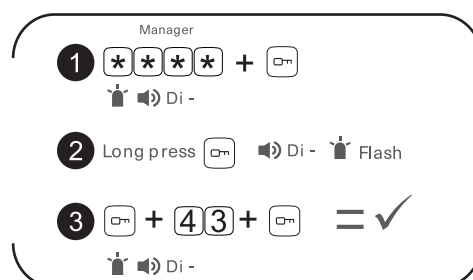
#### Note:

- In public mode, if the temporary password is valid, use the management password or management fingerprint to clear the temporary password.
- Temporary password can be used for 1 time only.
-  flash one time every 3s means the lock has already be taken.



### Turn off public mode

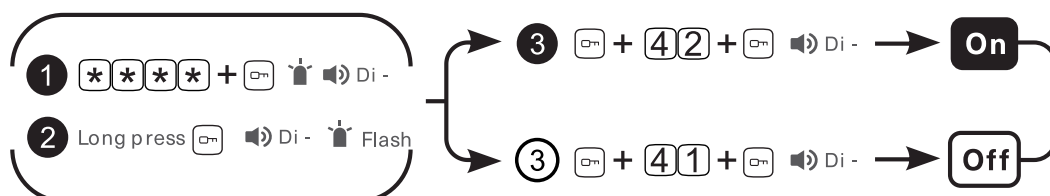
1. Input management password+ , buzzer gives out a long di sound, the green light  is on
2. Press  $\square$  at least 2s, the green light  flash, press  $\square$  again
3. Input “4 3+  $\square$ ”, when you heard a long di sound, means public mode already been turned off.



#### Note:

- This setting must use the management password, the user password is locked.
- Switch to private mode by default after the public mode is disabled.

## 7. Turn on/off Fake Pin code function



1. Input management password+ , buzzer gives out a long di sound, the green light is on
2. Press at least 2s, the green light flash, press again
- 3a. Input “4 2+ ”, when you heard a long di sound, means Fake Pin code function already been turned on
- 3b. Input “4 1+ ”, when you heard a long di sound, means Fake Pin code function already been turned off.

### Note:

- Introduced with Anti-Theft Technology and Fake PIN password function you can input any code(s) before or after the real password to prevent the real password being peeped. Maximum 16 digits.

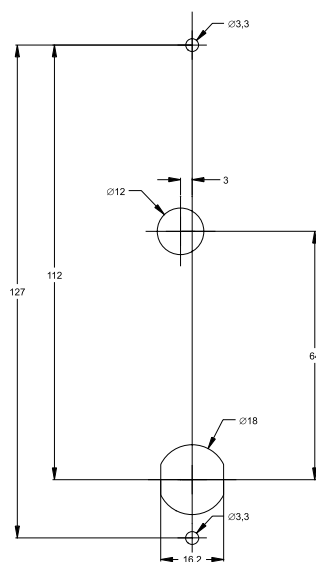
## 8. Special function description

1. Decode: Press “RST” on the back of the control panel for 3s , when you heard a long di... sound , the password will be changed back to the original management password “4321”, user password “1234”; clear but do not unlock in private mode and Fake Pin code, clear and unlock do not restore the mode in public mode.
2. Auto-alarm will be activated when input wrong password 4 times and the lock will be died for 60s.
3. Battery low voltage prompts: When the red light is on, means battery at low voltage, please place the battery in time, the lock may not work when the voltage is low.
4. Emergency power supply: When the battery is in low voltage condition, you can connect the Type-C interface with an external power supply.
5. Tone/Mute mode switching (loop switching): Press and hold the , and the green light flash once to enable the silent mode; In silent mode, hold down the and a long di... sound to disable the silent mode.

## 9. Fixing hole size & installation

Fixing hole size

Unit: mm



Wood panel

Installation

