

User manual for SISO invisible Mifare1 lock “Mini” With card reader & code panel



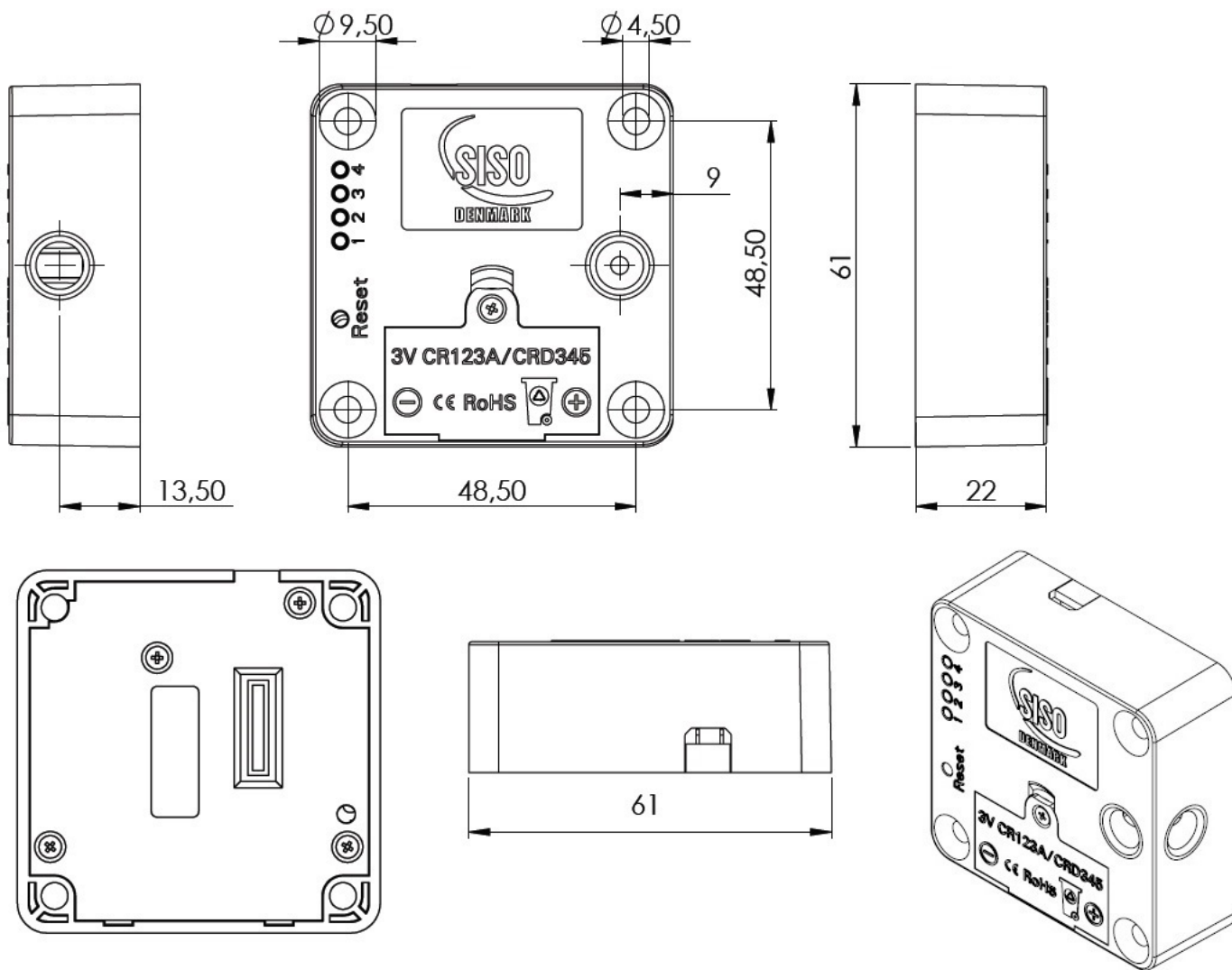
Contents

1. Product Installation Dimensions.....	2
2. Product Functions.....	5
2.1 Parameters.....	5
2.2 Functions & Features.....	5
3. Operations.....	7
3.1 Public Mode.....	7
3.1.1 Mode introduction.....	7
3.1.2 Set manager code.....	7
3.1.3 Set manager card.....	8
3.1.4 Set lock into public mode.....	8
3.1.5 Set user code/card.....	8
3.1.6 How to use user code.....	8
3.1.7 How to use user card.....	8
3.1.8 Set delete card.....	8
3.2 Private Mode.....	9
3.2.1 Mode introduction.....	9
3.2.2 Set manager code.....	9
3.2.3 Set manager card.....	10
3.2.4 Set lock into private mode.....	10
3.2.5 Set user code.....	10
3.2.6 Set user card.....	10
3.2.7 How to use user code.....	10
3.2.8 How to user user card.....	10
3.2.9 Set delete card.....	11
3.3 Limited Public Mode.....	11
3.3.1 Mode introduction.....	11
3.3.2 Set manager code.....	11
3.3.3 Set manager card.....	12
3.3.4 Set lock into limited public mode.....	12
3.3.5 Set user code.....	12
3.3.6 Set user card.....	12
3.3.7 How to use user code.....	13
3.3.8 How to use user card.....	13
3.3.9 Set delete card.....	13
4. Reset Lock.....	13
5. Warm Tips.....	13

1. Product Installation Dimension

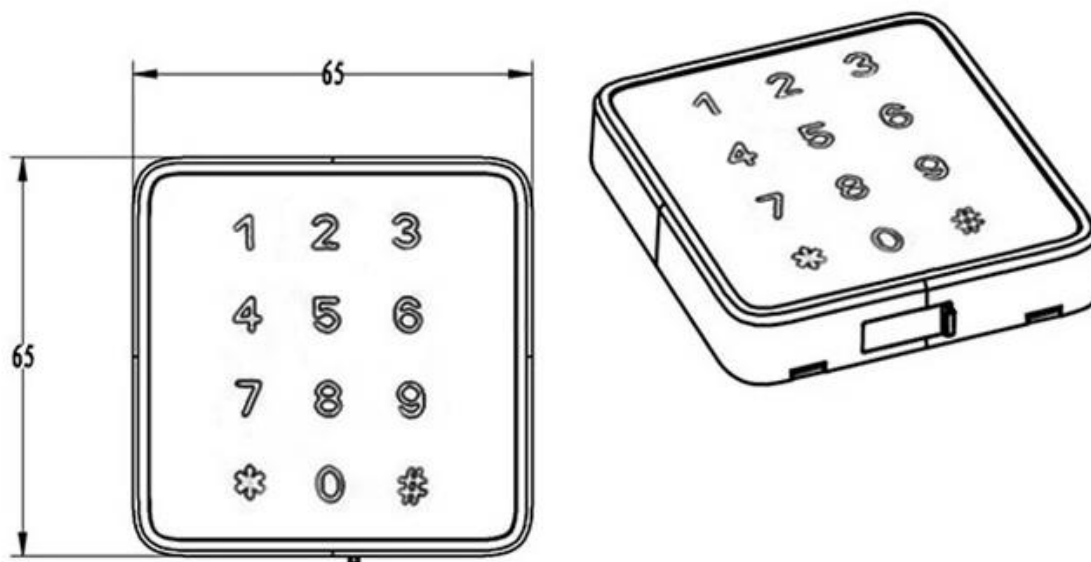
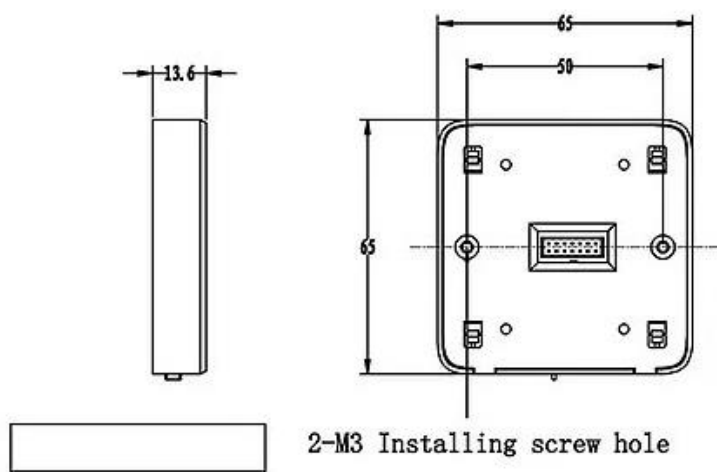
Lock body

Item 14.60.275-1 Invis. Mifare1 Lock "Mini" W/Card Reader & Code Panel, ABS,



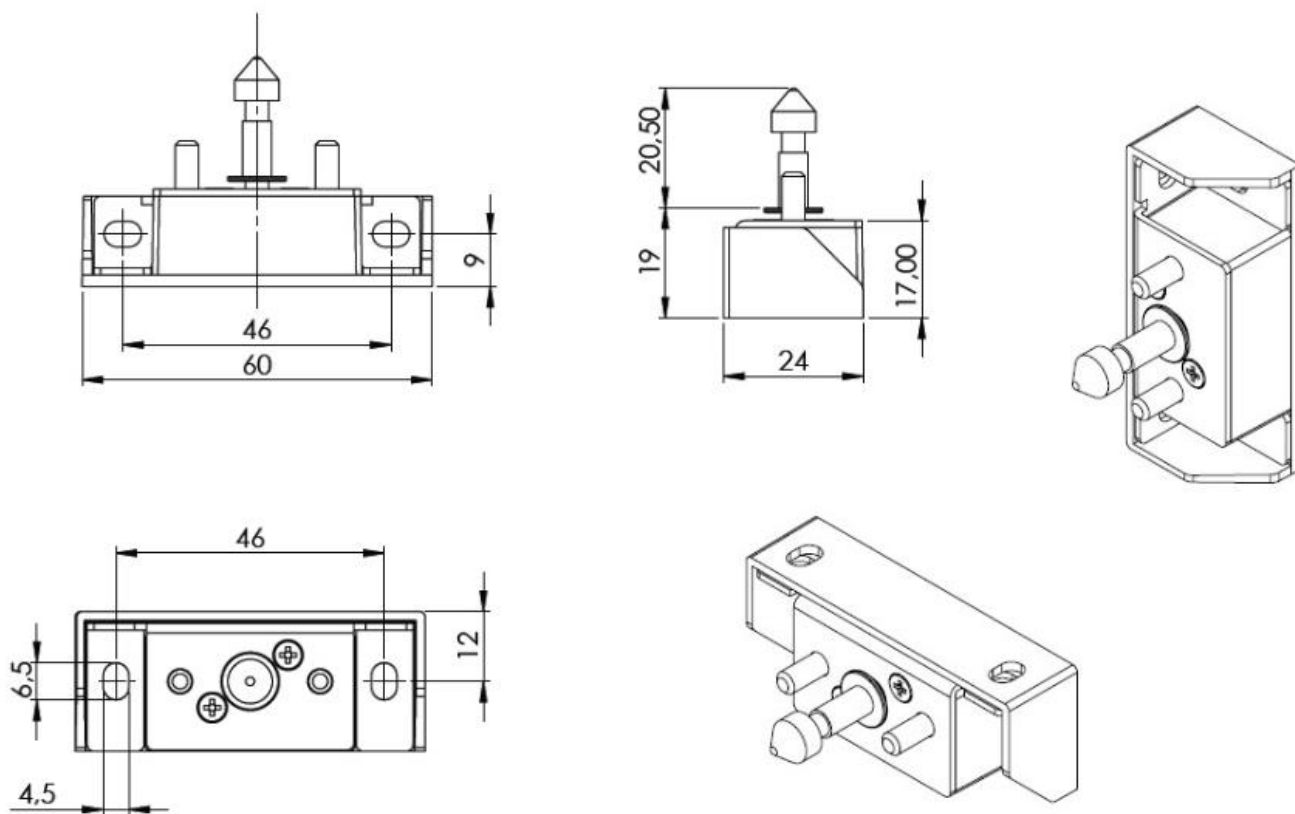
Front Panel

MIFARE1 CARD READER & CODE PANEL WITH 10 CM CONNECTING CABLE



Striker

Item 14.60.276-0 Striker, PTO, F/Mifare1 Lock "Mini",F/Sliding & Cabinet Doors,



2. Product Functions

2.1 Parameters

Material	ABS for lock body shell, Acrylic & PC for panel
Power consumption	Load current < 200mA
	Locked-rotor current < 350mA
	Standby current < 20mA
	Statistic current < 50uA @3V
Working voltage	123A rechargeable lithium battery
	Voltage: 2.1V~3.3V
	Low voltage alarm: 2.5V±0.1V
	Ultimate low voltage: 2.1V, can operate the last unlock
Working environment	Working temperature -15℃ ~ +65℃
	Working humidity 10% ~ 90%RH
Anti-static	Air static 15KV
	Touch static 8KV

2.2 Functions & Features

Functions	Features
Sound prompt	Lock will prompt with sound when swipe correct/wrong card, battery is in low voltage, unlocking for a long time
Light prompt	Green: correct operation Red: wrong operation Blue: low voltage White: standby status
Alarm functions	<p>Low voltage alarm:</p> <p>1. When battery's voltage is lower than 2.5V, light will shine in blue and lock sounds "di di" on every opening or alarm automatically when lower than 2.5V to remind user change new batteries</p>
	<p>2. When voltage is less than 2.1V, lock can't be locked until change new batteries.</p> <p>1. Lock can work normally 1000 times after low voltage warning</p>

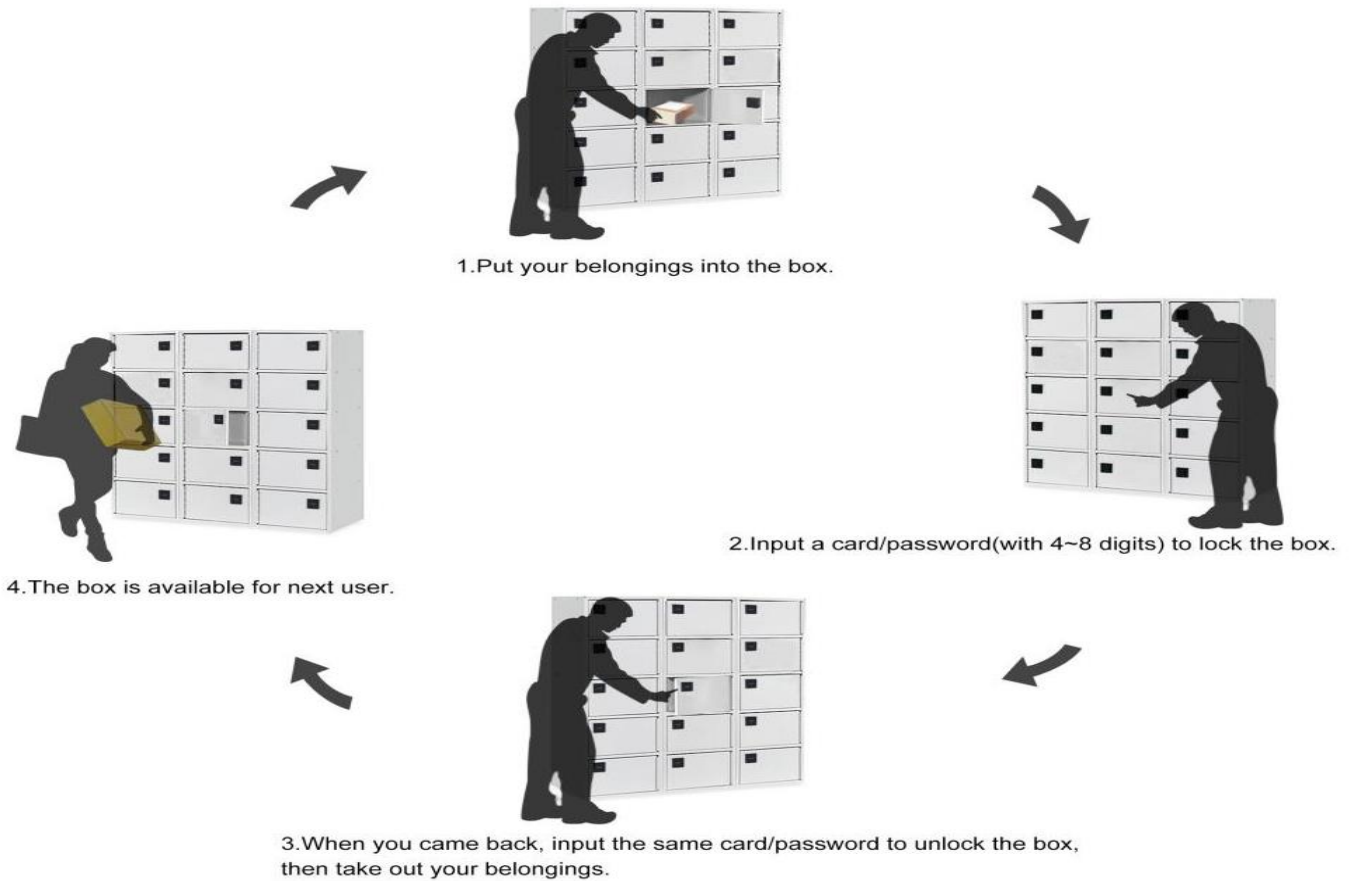
	<p>Lock status alarm:</p> <ol style="list-style-type: none"> 1. Lock will keep warning for 10s if it keeps unlocking status more than 30s. 2. ※ Lock status alarming function only exists in private mode. Press button 1+2 can enable/disable this function.
	<p>Locking protection:</p> <p>Input wrong code/card, lock will shine in red twice and prompt with “di di”. Wrong for 5 times continuously, lock will be unavailable for 5mins.</p> <p>During unavailable period:</p> <ol style="list-style-type: none"> 1. Use manager card/code can make it available. 2. Input user code/card lock will prompt with “di di di di di” and light shines in red.
Code functions	<ol style="list-style-type: none"> 1. Manager code: For emergency unlock. Under private model and limited public mode, user code will be invalid after using manager code for emergency unlock. 2. User code: Only be used for unlocking. 3. One time password: If forget user code and manager code, we can offer you an OTP for emergency unlock.
Card functions	<ol style="list-style-type: none"> 1. Manager card: For setting user card, also can be used for emergency unlock in public mode. 2. User card: Only be used for unlocking. 3. Delete card: For deleting all user cards at one time, or delete a specific card. 4. Master card: For emergency unlocking.
Button functions	<p>Button 3: Change working mode.</p> <p>Button 4: Change to single key mode or double key mode.</p> <p>Reset: Reset the lock.</p>
Functional card	<ol style="list-style-type: none"> 1. Change working mode by card. 2. Enable & disable lock status alarm function by card. 3. Enable & disable lock sound by card.
Time function (Customized)	<ol style="list-style-type: none"> 1. The lock will be unlocked automatically at a fixed time every day. 2. The lock will be unlocked automatically after locked for 1 hour, or 2 hours, etc

3.Operations

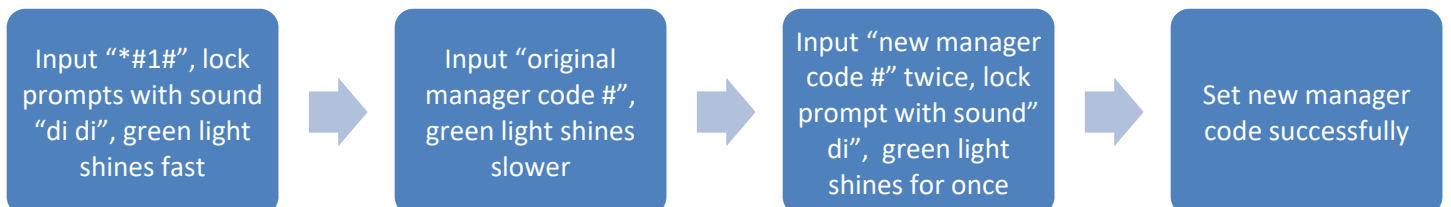
3.1Public Mode

3.1.1 Mode introduction

Lock keeps unlocking under public mode, any code (with 4~8 digits) or card to lock and same code/card to unlock. Manager code/manager card should be programmed first (manager code /card can use for emergency unlock).



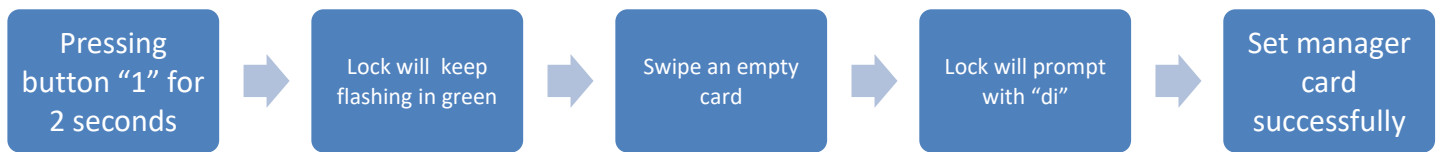
3.1.2 Set manager code



Notice:

1. Factory manager code is 0000.
2. Valid manager code must be 4~8 digits.
3. One lock only can with one manager code.
4. Manager code can be used for emergency unlock.

3.1.3 Set manager card

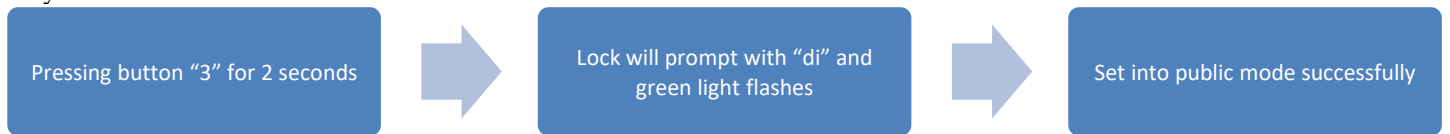


Notice:

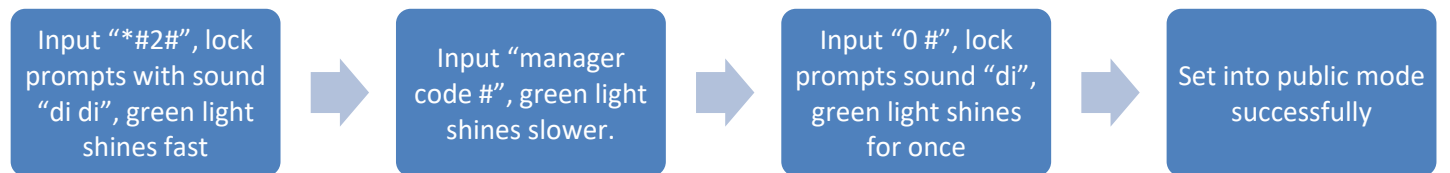
1. While the green light is flashing, the user can set manager card continuously.
One lock can have max 10pcs manager cards.
2. A Manager card can be used for emergency unlock in public mode.

3.1.4 Set lock into public mode

Way one:



Way two:

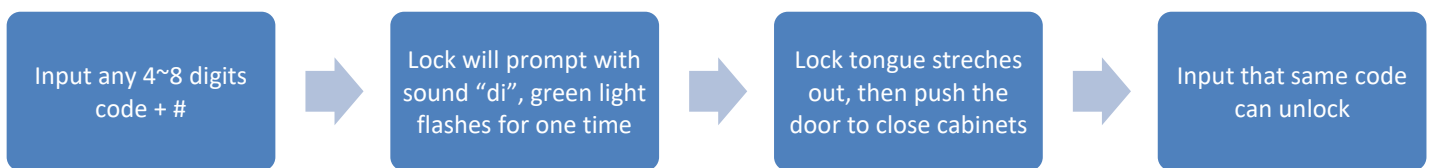


3.1.5 Set user code/card

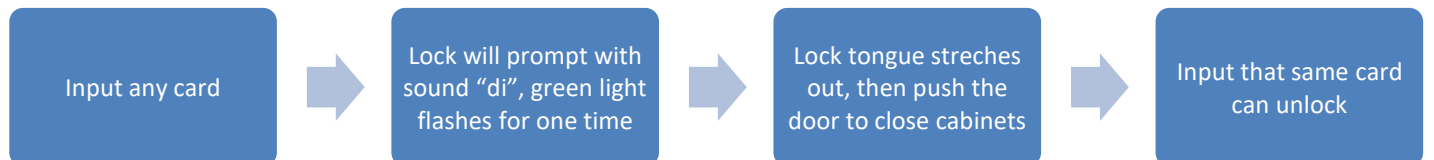
※ In public mode, no need to set user code. Input any code (with 4~8 digits) twice can lock, then same code once to unlock.

※ In public mode, no need to set user card. Input any card can lock, then same card to unlock.

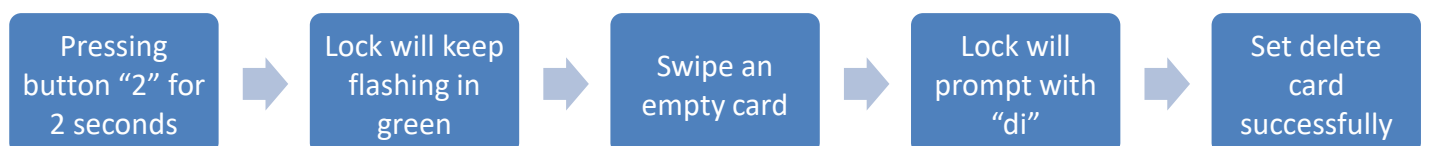
3.1.6 How to use user code



3.1.7 How to use user card



3.1.8 Set delete card



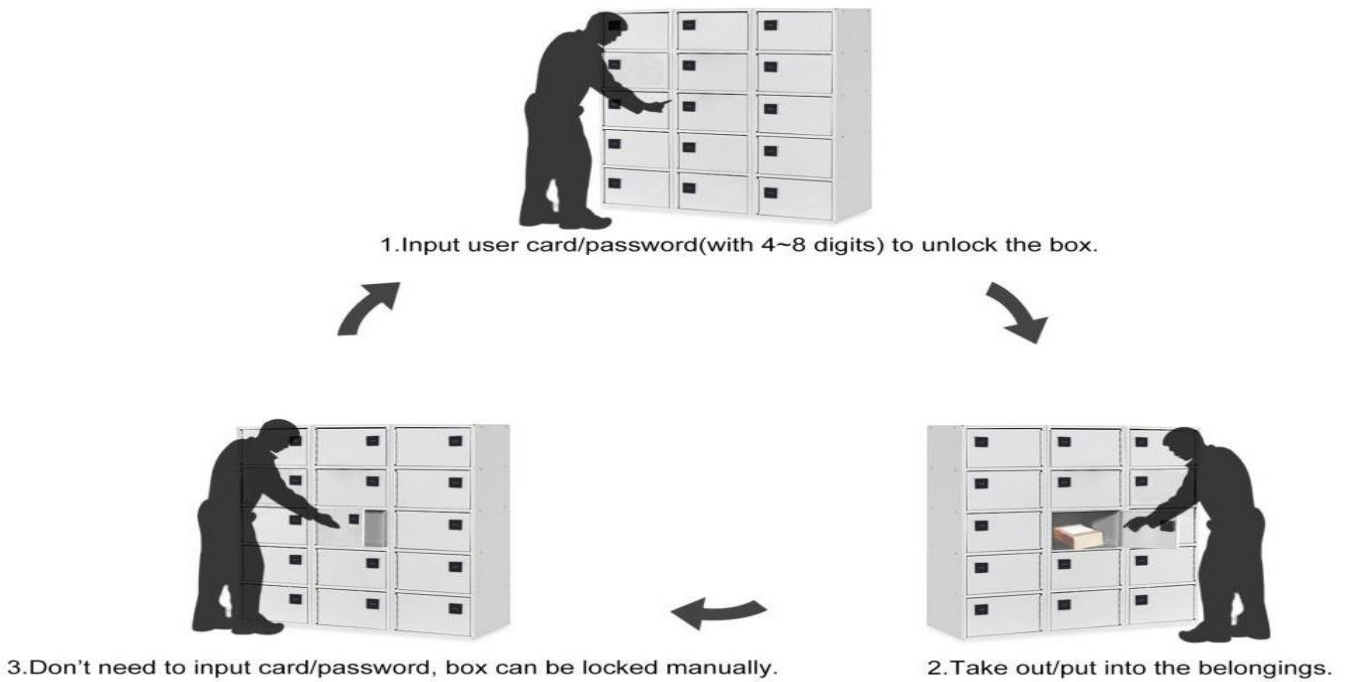
Notice:

1. While the green light is flashing, users can set delete card continuously.
One lock can have max 10 pcs delete cards.
2. Swipe the delete card, all user cards will be invalid, then need to set again.
3. If you want to delete one user card at one time, please let us know in advance.

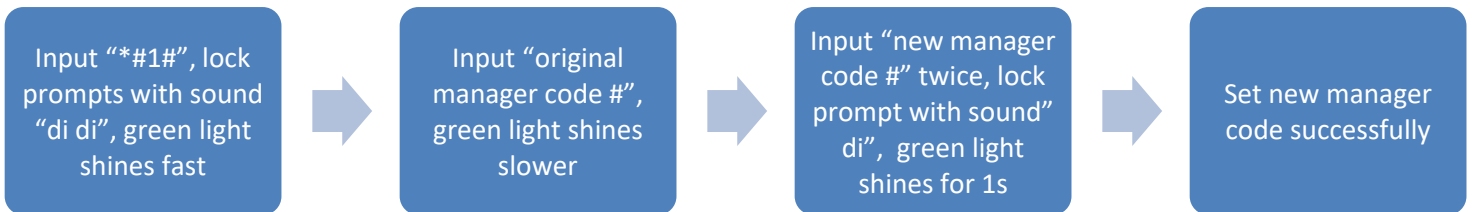
3.2 Private Mode

3.2.1 Mode introduction

Lock keeps locking under private mode, manager code/card and user code/card should be programmed first. Input user code/card to unlock, lock tongue will stretch out automatically after 5 seconds, then push the door to close the box.



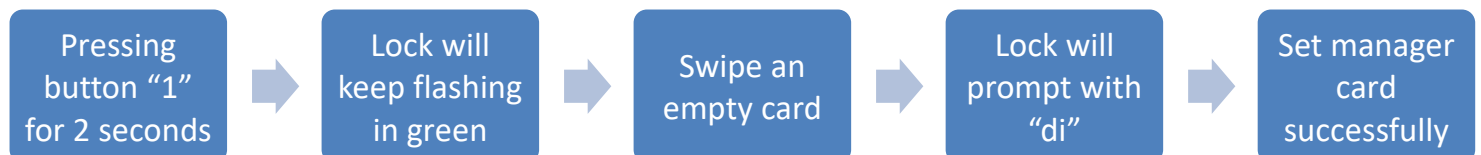
3.2.2 Set manager code



Notice:

1. The factory manager code is 0000.
2. The valid manager code must be 4~8 digits.
3. One lock only can with one manager code.
4. Manager code can be used for emergency unlock, after unlocking, user code will be reset.

3.2.3 Set manager card

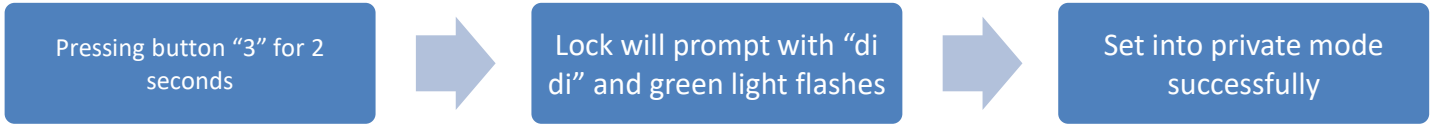


Notice:

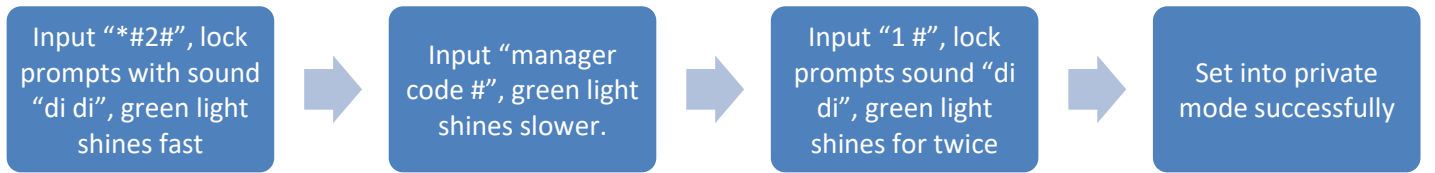
1. While the green light is flashing, the user can set manager card continuously.
One lock can have max 10pcs manager cards.
2. Manager cards cannot use for emergency unlock, just for setting user card.

3.2.4 Set lock into private mode

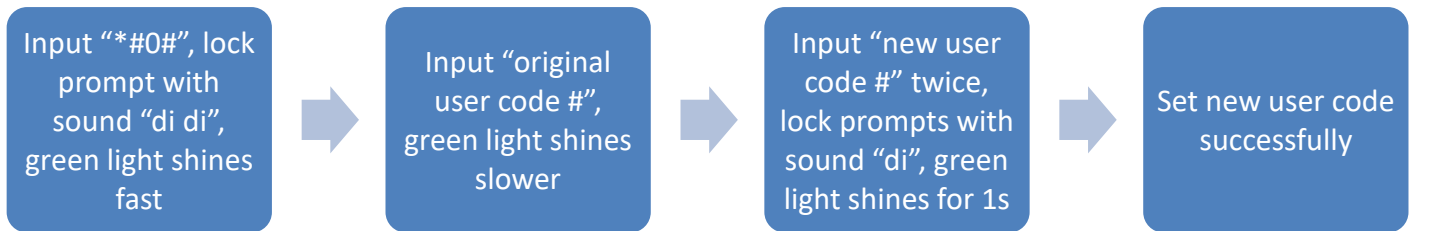
Way one:



Way two:



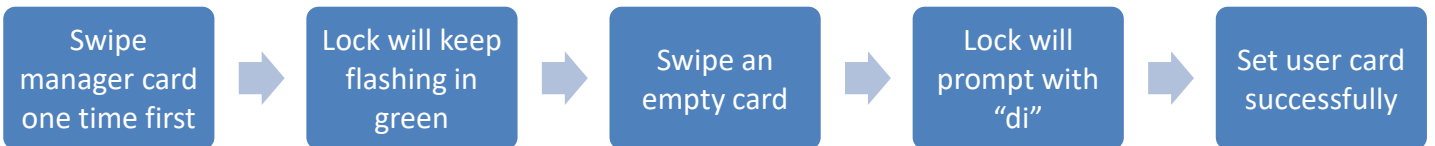
3.2.5 Set user code



Notice:

1. Factory user code is 1111.
2. The valid user code must be 4~8 digits.
3. One lock only can with one user code.

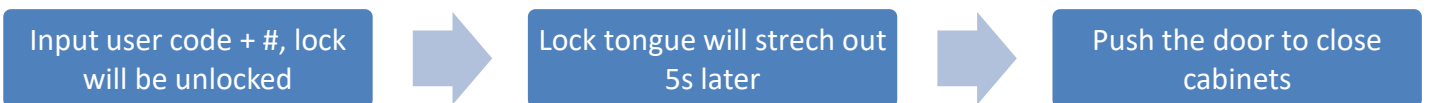
3.2.6 Set user card



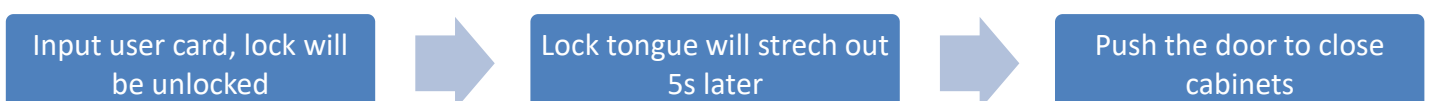
Notice:

1. While green light is flashing, user can set user card continuously.
One lock can have max 30pcs user cards.

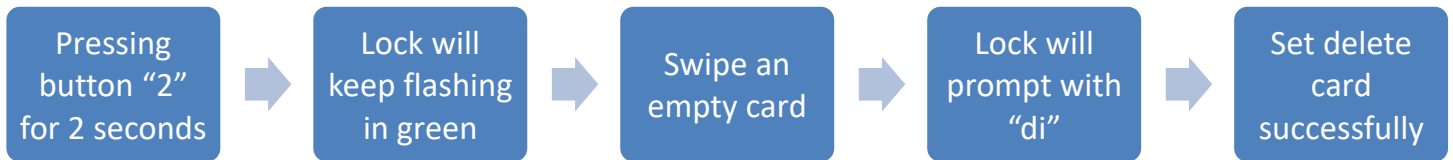
3.2.7 How to use user code



3.2.8 How to use a user card



3.2.9 Set delete card



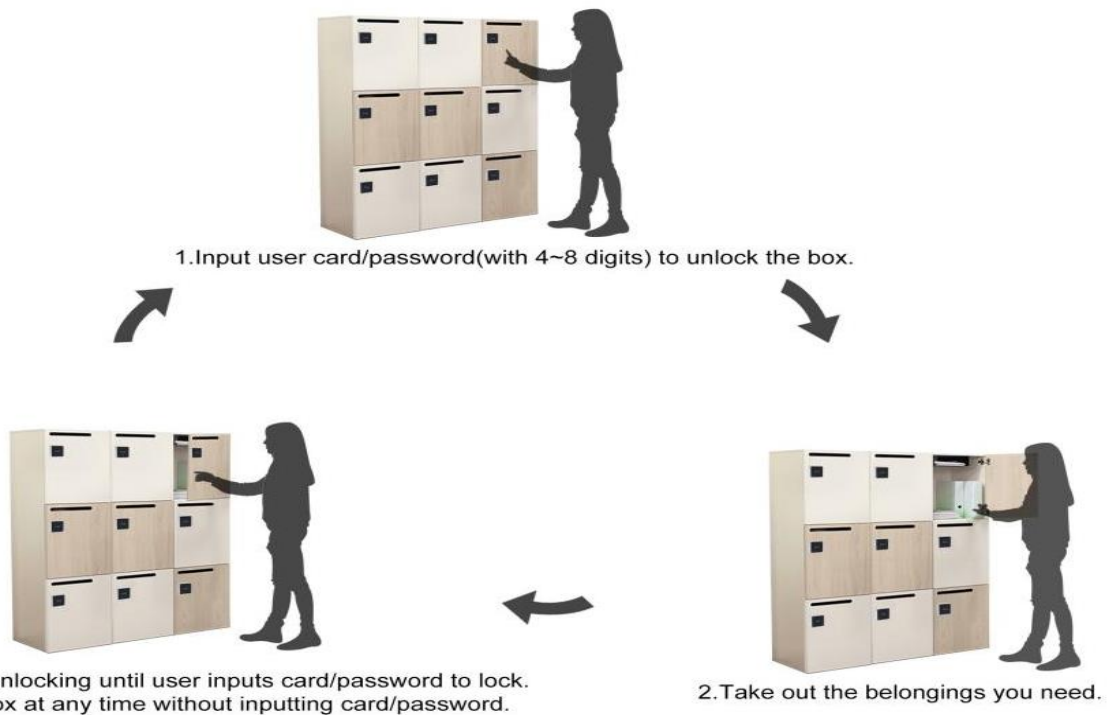
Notice:

1. While the green light is flashing, users can set delete card continuously.
One lock can have max 10pcs delete cards.
2. Swipe the delete card, all user cards will be invalid, then need to set again.
3. If you want to delete one user card at one time, please let us know in advance.

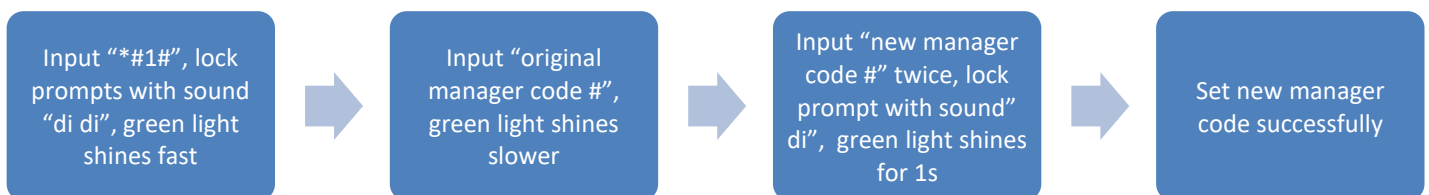
4.3 Limited Public Mode

4.3.1 Mode introduction

Lock keeps locking first under limited public mode, manager code/card and user code/card should be programmed first. Input user code/card to unlock and lock.



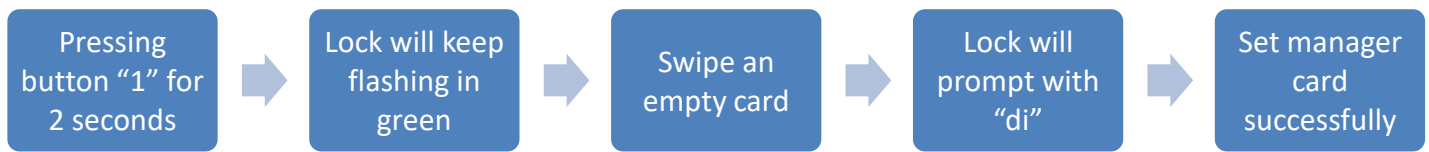
4.3.2 Set manager code



Notice:

1. The factory manager code is 0000.
2. The valid manager code must be 4~8 digits.
3. One lock only can with one manager code.
4. Manager code can be used for emergency unlock, after unlocking, user code will be reset.

4.3.3 Set manager card

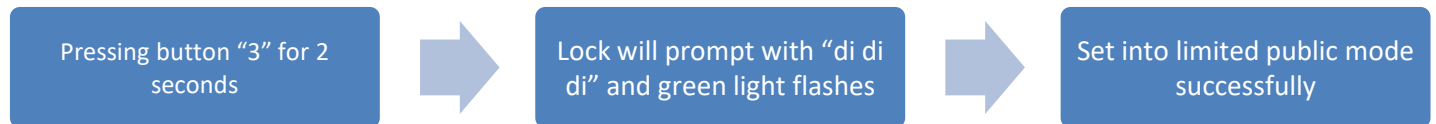


Notice:

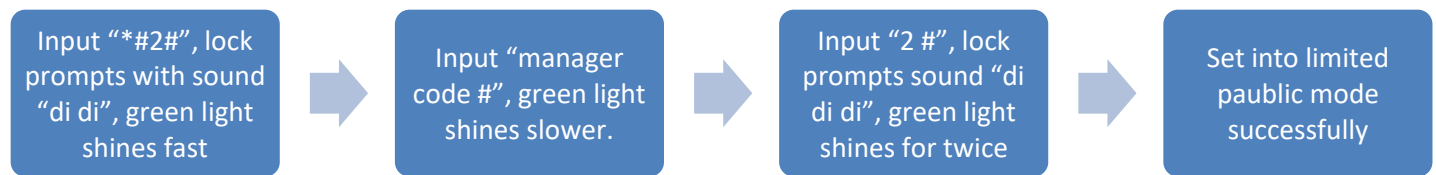
1. While the green light is flashing, user can set manager card continuously.
One lock can have max 10pcs manager cards.
2. Manager card cannot be used for emergency unlock, just for setting user card.

4.3.4 Set lock into limited public mode

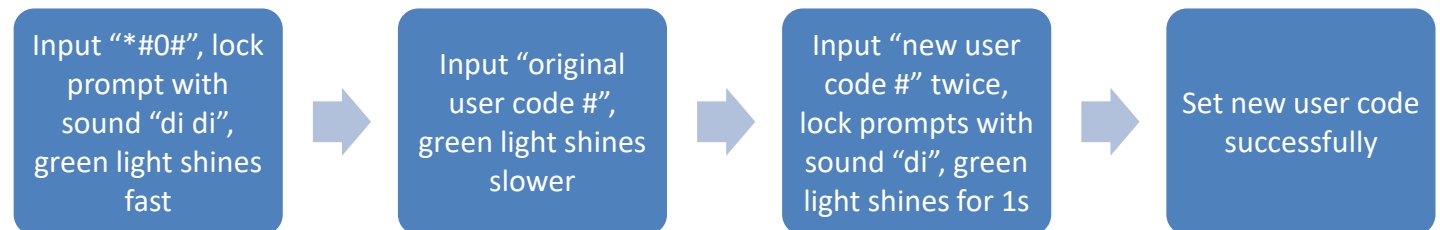
Way one:



Way two:



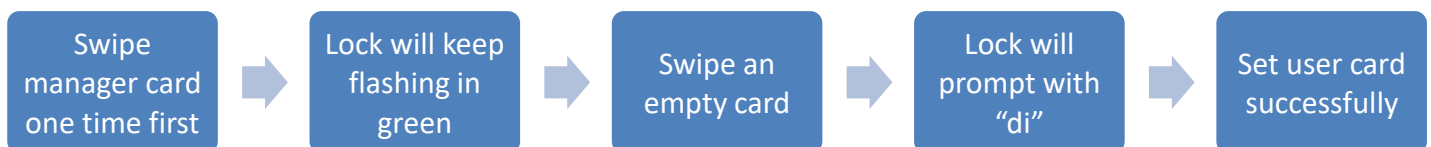
4.3.5 Set user code



Notice:

1. Factory user code is 1111.
2. The valid user code must be 4~8 digits.
3. One lock only can with one user code.

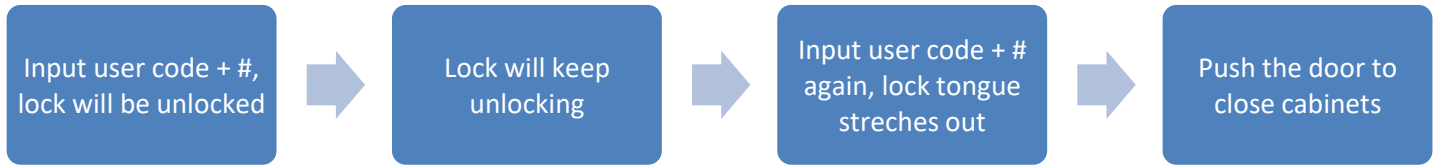
4.3.6 Set user card



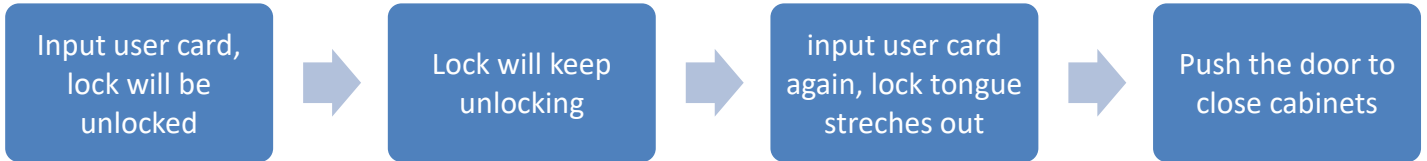
Notice:

1. While the green light is flashing, user can set user cards continuously.
One lock can have max 30pcs user cards.
2. If the user card is lost, you can use the manager card to set a new user card to unlock.

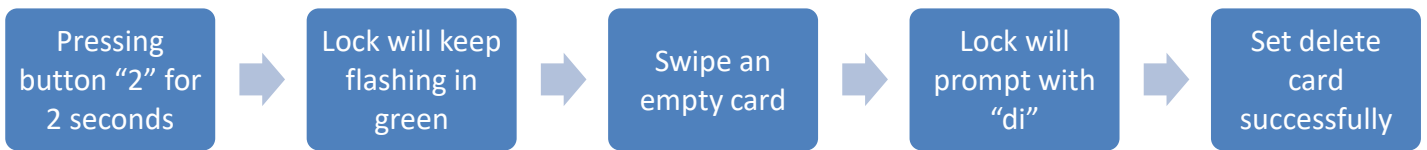
4.3.7 How to use user code



4.3.8 How to use user card



4.3.9 Set delete card

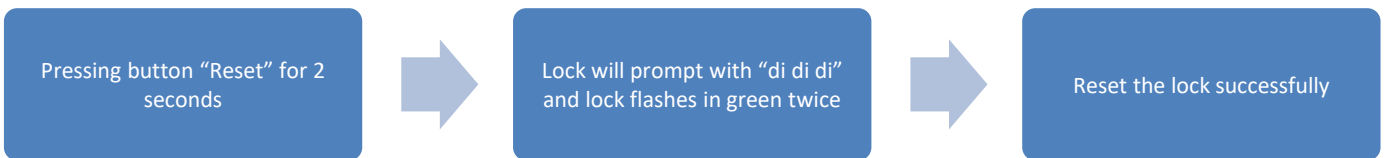


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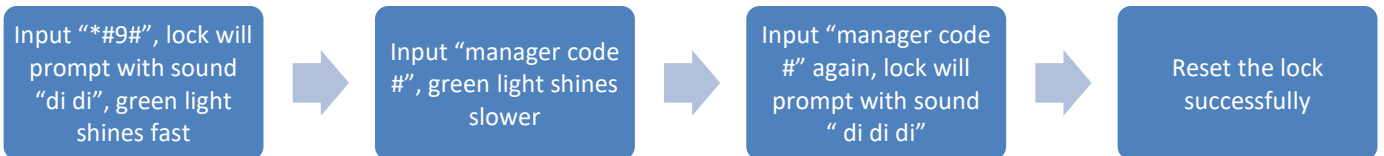
1. While the green light is flashing, users can set delete card continuously.
One lock can have max 10pcs delete cards.
2. Swipe the delete card, all user cards will be invalid, then need to set again.
3. If you want to delete one user card at one time, please let us know in advance.

5. Reset lock

Way one:



Way two:



Notice:

After resetting, the lock will be factory setting and all codes are invalid, need to set again.

6. Warm Tips

1. Light shines blue means batteries are nearly run out, please change new batteries in time.
2. One lock can have max one manager code and one user code.
3. One lock can have max 10pcs manager cards, 10pcs delete cards and 30pcs user cards.
4. Please make sure the lock can work; batteries are included, and all are set ready before installation.