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# User Operation Instruction

## 1. Introduction

Bluetooth lock scheme, using Nordic51822 Bluetooth chip as the main control, can support low-power Bluetooth (BLE 4.1). It can manage the door lock via password, IC card, and electronic key on the App. M1 card and password can be used to open the door. The door lock supports firmware upgrades and software functions can be extended with firmware upgrades. The App ekey, password, and IC card can all be specified for a validity period.

- **Bluetooth**

Open the door on the phone APP via Bluetooth.

- **Ekey**

Send an ekey to your tenant and set the validity period of each key. You can also freeze the electronic key at any time.

- **Passcode**

Touch the keypad to enter a valid password to open the door.

- **Unlock records**

All the unlock records can be seen on the administrator APP no matter in which way to unlock.

## 2. Parameters

Communication Methods	Bluetooth 4.1 BLE
Supporting systems	Android 4.3/IOS7.0 above
Power supply	4 AA Alkaline 1.5V Batteries (LR6) (6V)
Range of continuous supply voltage	4.0-7.0V
Maximum supply voltage	12V-MAX
Range of backup supply voltage	4.0-10.0V
Low battery alarm voltage	4.8V
Stand-by current	65uA

Operating current	<200MA	
Unlock time	≈1.5 second	
Working temperature	-40~70 Celsius	
Types of button	capacitive touch button	
No. of passcode	send passcode via APP	unlimited
	self-defined passcode	150
No. of IC card	200	
No. of fingerprint	100	
The way to unlock	App, passcode, key	

### 3. Operation

#### Add a Bluetooth Administrator to the lock

**Warning:** Once a Bluetooth Administrator is added to the lock, all previous passcodes/cards added on the lock are invalidated.

**Notice:** Please turn on the Bluetooth of your phone and keep it close to the lock

Activate the App

Press the “≡” sign on the upper left of the APP

Press [Add lock]

Select the right type of lock

Touch the keypad to activate the lock

The lock gives a voice prompt “Please add a Bluetooth Administrator”, and it appears on the APP with a “+” sign at the end

Press the “+” sign and follow the steps to add a Bluetooth Administrator

#### Add user passcodes

**Notice:** Please turn on the Bluetooth of your phone and keep it close to the lock

Activate the APP

Select the lock

Press [Generate Passcode]

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Follow the steps on the APP to generate user passcode and share with others

### **Unlock with passcode**

**Notice:** Pressing “\*” will delete the last entered digit during input

Input passcode and press “#”

If the passcode is correct

Voice prompt : Unlocked “

If the passcode is incorrect

Voice prompt " Operation failed"

If the lock detects 5 consecutive trials of incorrect passcode consists of more than 4 digits, it gives a voice prompt " Unauthorized operation, the system is locked".

If the passcode has expired

Voice prompt "Unauthorized passcode"

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## **Locking**

5 seconds after the lock is unlocked, it automatically locks and gives a voice prompt "Locked"  
(Except it is set to passage mode )

## **Modify user passcodes on the lock**

Input [\*10 #]

Voice prompt "Please input original passcode"

Input [original passcode#]

If the original passcode is correct

Voice prompt "Please input a new passcode"

Input [new passcode#]

Voice prompt "Please input again"

Input [new passcode#]

Voice prompt "Operation successful" or "Operation failed" if inputs do not match.

If the original passcode is incorrect

Voice prompt "Wrong passcode"

## **Low power warning**

If the battery is low, the keypad will light up and flash for a second when it is activated, meanwhile the lock gives a voice prompt "Battery is low, please replace"

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## Restore to default factory setting/Delete Bluetooth Administrator

**Warning:** Once the Bluetooth Administrator is deleted, the lock is set to default factory setting  
Delete Bluetooth Administrator on the APP

**Notice:** Please turn on the Bluetooth of your phone and keep it close to the lock

Select the lock on the APP

Press [Settings]

Press [Delete]

Follow the steps on the APP to delete the lock

Delete Bluetooth Administrator on the lock

Long press the reset button

Voice prompt "please input initialization passcode"

Input[000#]

Voice prompt "Operation successful "

## 4. Manage the lock without APP

### 1 Add/Edit Admin Passcode

**Notice:** Default Admin Passcode is 123456, and can only be used to add a new Admin Passcode.

- 1.1 Input [\*12#]
- 1.2 Voice prompt "Please input the original passcode "
- 1.3 Input [original passcode#]
- 1.4 If the original passcode is correct
  - 1.4.1 Voice prompt "Please input a new passcode"
  - 1.4.2 Input [new passcode#]
  - 1.4.3 Voice prompt "Please input again"
  - 1.4.4 Input [new passcode#]
  - 1.4.5 Voice prompt "Operation successful" or "operation failed" if inputs do not match.
- 1.5 If the original passcode is incorrect
  - 1.5.1 Voice prompt "wrong passcode"

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## 2 Add user passcode

2.1 Input [\*85#]

2.2 Voice prompt "Please input Admin Passcode"

2.3 Input [Admin Passcode#]

2.3.1 If the Admin Passcode is correct

2.3.1.1 Voice prompt "Please input a new passcode"

2.3.1.2 Input [new Passcode#]

2.3.1.3 Voice prompt "Please input again"

2.3.1.4 Input [new passcode#]

2.3.1.5 Voice prompt "Input successful" or "Operation failed" if inputs do not match.

2.3.2 If the Admin Passcode is incorrect

2.3.2.1 Voice prompt "Operation failed"

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## 5 Delete all user passcodes

**Warning:** This process will delete all user passcodes, including those generated by APP, but not the Admin Passcode

- 5.1 Input [\*71#]
- 5.2 Voice prompt "Please input Admin Passcode"
- 5.3 Input [Admin Passcode#]
  - 5.3.1 If the Admin Passcode is correct
    - 5.3.1.1 Voice prompt "Operation successful"
  - 5.3.2 If the Admin Passcode is incorrect
    - 5.3.2.1 Voice prompt "Operation failed"

## 6 Fingerprint (Available on selected models)

Notice: You can continue adding fingerprints one after another, or you can exit the fingerprint adding mode by pressing "\*" on the lock or wait for the timeout.

- 6.1 Add a fingerprint
  - 6.1.1 Input [\*85#]
  - 6.1.2 Voice prompt "Please input Admin Passcode"
  - 6.1.3 Input [Admin Passcode#]
  - 6.1.4 Press and lift a finger on the fingerprint sensor repeatedly according to the voice prompts until it prompts "Input successful"
- 6.2 Delete a fingerprint
  - 6.2.1 Input [\*70#Admin Passcode#]
  - 6.2.2 If the Admin Passcode is correct, voice prompt "Operation successful" , otherwise "Operation failed"

## 7 Add Bluetooth Administrator to the lock

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**Warning:** Once a Bluetooth Administrator is added, all previous passcodes/cards added on the lock are invalidated. Administrator can now add passcodes on APP

7.1 Input [\*83#]

7.2 Voice prompt "Please input Admin Passcode"

7.3 Input [Admin Passcode#]

7.3.1 If the Admin Passcode is correct

7.3.1.1 Voice prompt "please add a Bluetooth Administrator"

7.3.1.2 Activate the App

7.3.1.3 Press the "≡" sign on the upper left of the APP

7.3.1.4 Press [Add lock]

7.3.1.5 Select the right type of lock

7.3.1.6 The lock appears on the APP with a "+" sign at the end

7.3.1.7 Press the "+" sign and follow the steps to add a Bluetooth Administrator

7.3.1.8 Once the Bluetooth administrator is added, the lock gives a voice prompt "Bluetooth Administrator added successfully"

7.3.2 If the Admin Passcode is incorrect

7.3.2.1 Voice prompt "Operation failed"

- **TT Lock**

Scan to download



- **Room Master**

Scan to download



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.

Any Changes or modifications 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning for Portable device: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.