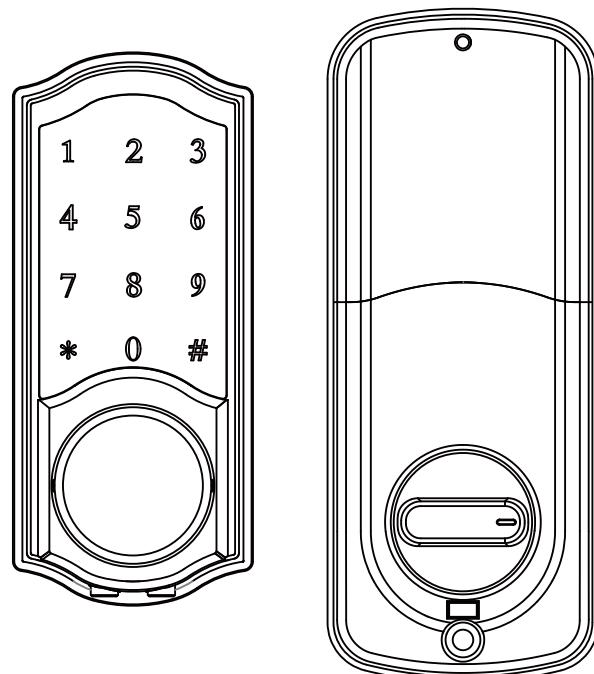


# Smart Lock Manual

## Electronic Keypad Deadbolt Lock



## PERFACE

Please read this manual before installing.  
Any question, please connect to our customer service.

 **WARNING:**

This Manufacturer advises that no lock can provide complete security by itself.

This lock may be defeated by forcible or technical means, or evaded by entry elsewhere on the property.

No lock can substitute for caution, awareness of your environment, and common sense.

In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

Customer Service Support:

E-MAIL:[ruilink@boilli.com](mailto:ruilink@boilli.com)

Toll Free: +1 (888) 988 2118

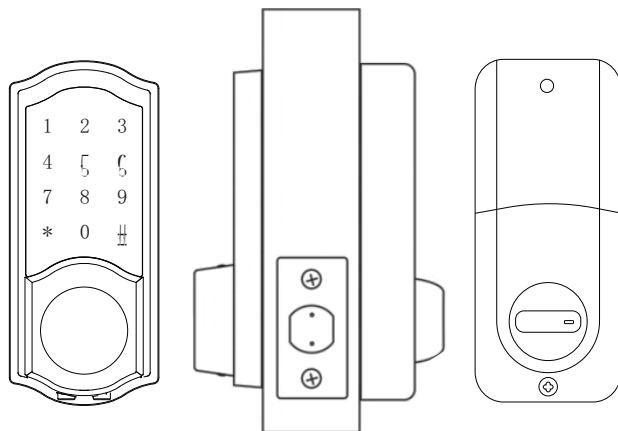
(Available after 6:00 PM at Pacific time if need)

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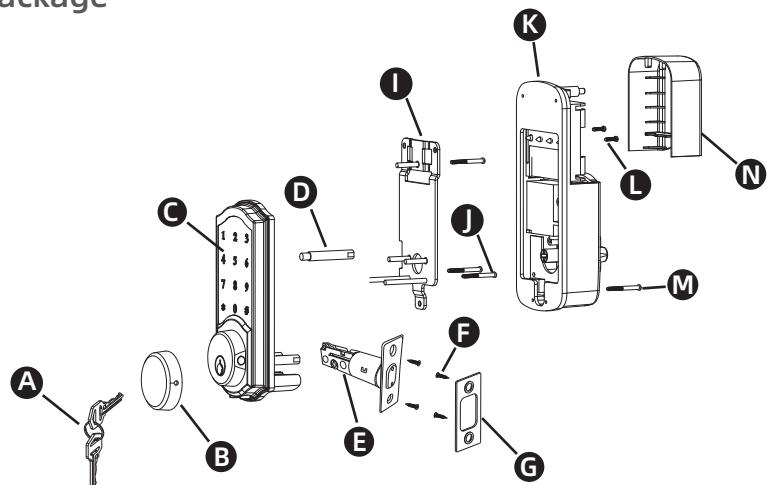
## INTRODUCTION

### Product Specifications



Item No.	S110BBL
Material	Zinc Alloy
Weight	1.3 kg
Communication mode	Bluetooth 4.0ble
Unlocking way	Bluetooth, Code, Mechanical key
Support System	Android 4.3 / IOS 7.0 above
Unlock time	≈ 1.5 sec
Power supply	4pcs AA batteries
Static current	≤30uA
Working current	≤200mA

## Package



Part	Description	Quantity
A	Key	2
B	Keyhole Cover	1
C	Keypad	1
D	Double-screw Bolt	1
E	Latch	1
F	Wood Screws	4
G	Strike Plate	1
H	Plastic Lock Groove	1
I	Inside Mounting Plate	1
J	Flat Screw	3
K	Receiver Module	1
L	Short Flat Screw	2
M	Longest Flat Screw	1
N	Battery Cover	1
O	Size Reference Card	1

## Performance

### **1. Smarter and Safer**

Smart Lock Front Door set out to provide extra home security with keyless codes, Bluetooth unlock, anti-peep password and auto lock (5-200s) to keep your house safe and sound.

### **2. Real Time Record**

Through Keyless Door Locks for Homes APP, you could check the unlocking records and incorrect password records from the Admin account in real time. And you'll have comfort in knowing your door's status.

### **3. Fast Sharing and Convenient**

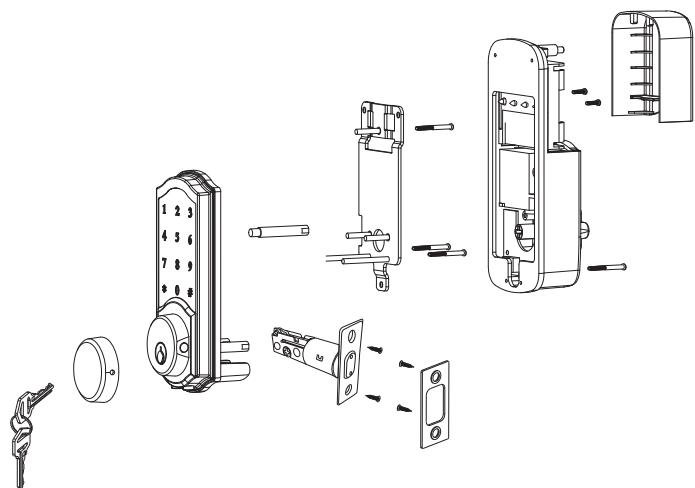
With Smart Digital Door Locks for Homes, You can share code with friends and guests valid for a few weeks, hours, or minutes, and revoke them again whenever you need to. Never worry about lost, stolen or copied keys again.

### **4. Easily Install and Smart Reminder**

Just a screwdriver and A easy-to-follow instruction to easily install Door Locks with Keypads. And when in low battery, Keypad Door Lock Deadbolt Set will alarm and could be temporary charged by a 9V battery.

## INSTALLATION MANUAL

**Note:** Install and test lock with door open to avoid being locked out

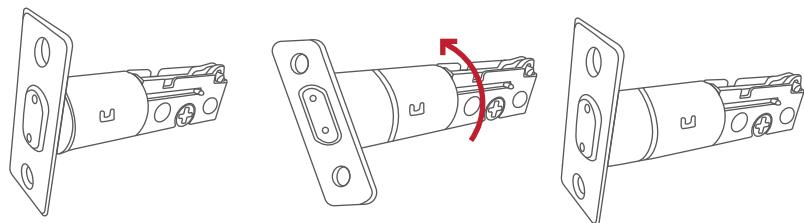


### Tools Needed

Phillips Screwdriver Tape Measure Pencil Other Chiseling Tools

### Installation Step

#### 1. Adjustment Latch Length

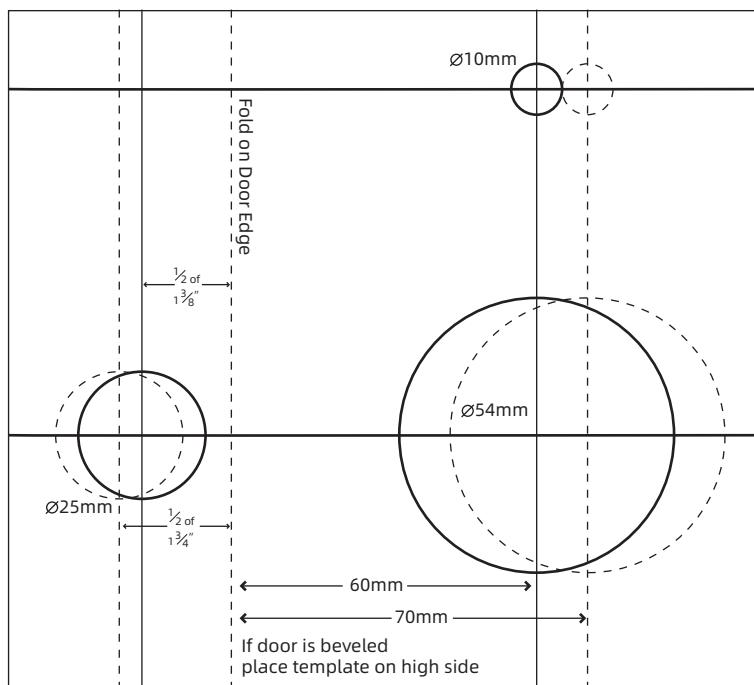


**Note:** When performing this operation, please take protective measures and be careful of the metal edge injure yourself.

Hold the right part of the lock tongue with your right hand and turn the left iron piece counter clockwise (about 15 degrees) with your left hand.

When the rectangular position of the 2-3/8" (60mm) tick mark changes from convex to concave (as shown), slowly extend the locking latch, and then clockwise turn the inside of the locking latch back to the rectangular position of 2-3/4" (70mm) scale.

## 2. Check Door Dimensions



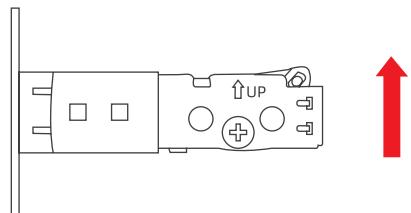
Compare the reference card and select the reference line that matches the door size.

Check door if need to modify according to the reference line

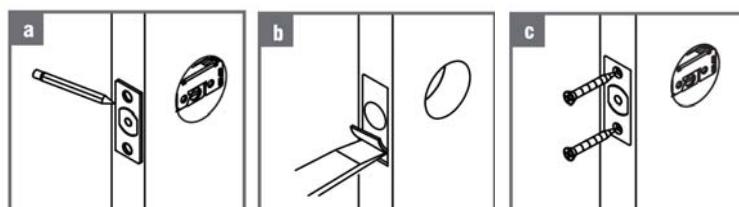
### 3. Install Lock

#### 1) Install Latch

Note: Need to stay this way up when inserting the latch.



Insert the latch and ensure it is parallel to the door face.

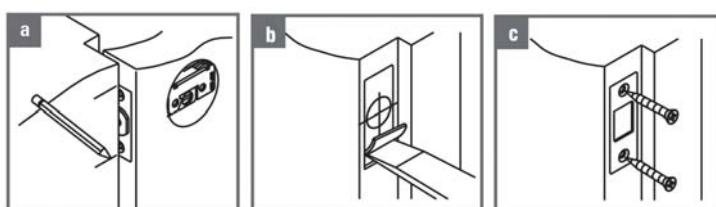


A. Mark the outline of the faceplate, then take out the latch.

B. Chisel 1mm-2mm deep along the outline to allow the faceplate to be aligned with the door edge.

C. Insert the latch into the door, use 2 wood screws to secure latch.

#### 2) Install Strike



A. Identify the centre of strike: Close the door to lay the latch bolt against the door frame.

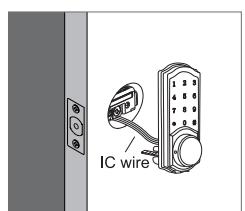
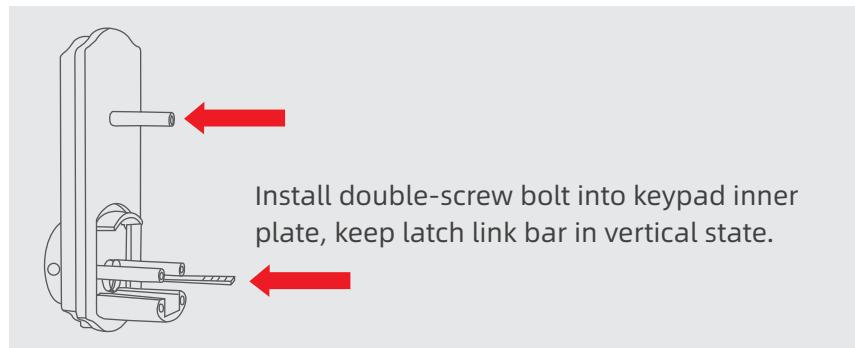
Mark the the outline of the strike onto door jamb.

B. Drill 25mm deep at intersection of horizontal and vertical line of strike.

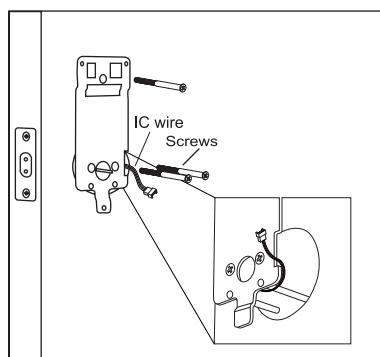
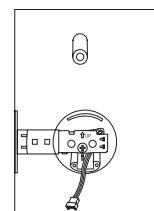
Chisel 1mm-2mm deep along the strike outline to allow the strike to be aligned with the door frame.

C. Insert the plastic lock groove and the strike plate onto door jamb/tighten with wood screws.

### 3) Install Keypad

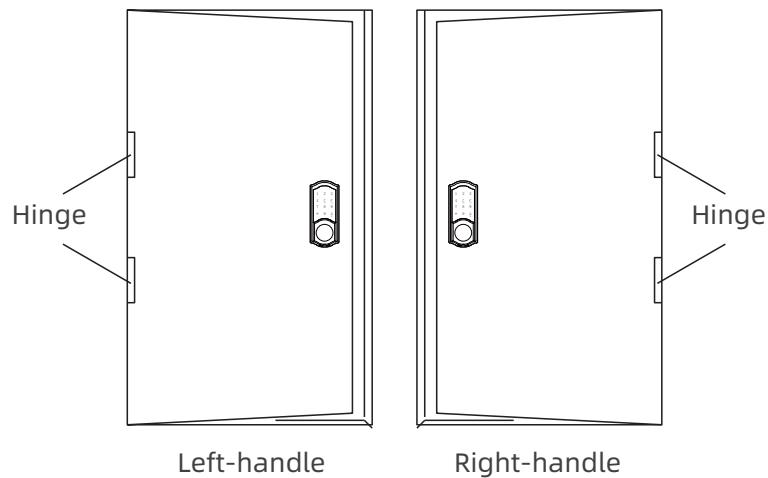


Note: The IC wire need under the latch, latch link bar kept in vertical state.



### 5) Identify Door Handing

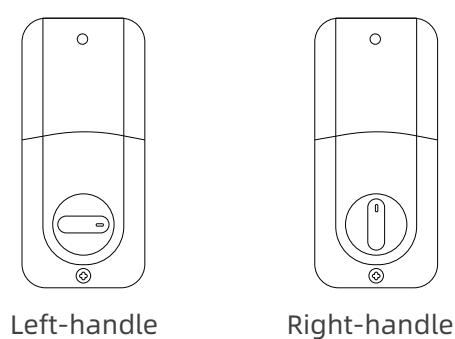
The door is "Left-handle" if the hinges are on the left side of the door, whereas the door is "Right-handle" if the hinges are on the right side of the door.



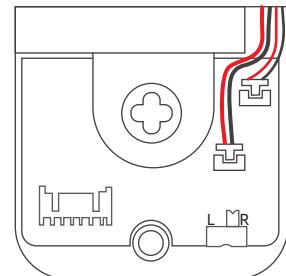
### 6) Adjust Thumb Turn Piece

Rotate the thumb turn piece to "Horizontal Direction" for Left-handle (open into room) door when in unlock status.

Rotate the thumb turn piece to "Vertical Direction" for Right-handle (open into room) door when in unlock status.

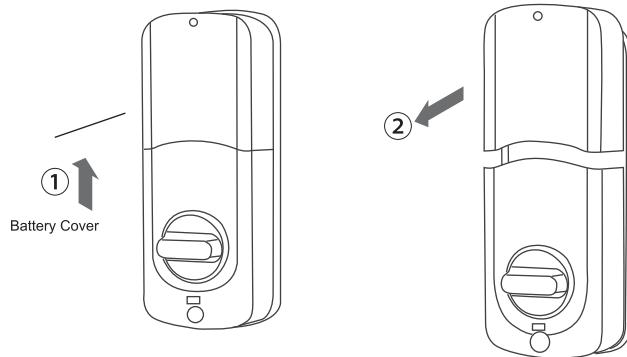


7)Adjust the Toggle Button of the Cover  
To install the lock for left side handling,  
ensure the toggle button on the back  
cover assembly is set to "L".  
To install the lock for right side han-  
dling, ensure the toggle button on the  
back cover assembly is set to "R".



#### 8)Install Receiver Module

Remove the battery cover (Press the spring button with the sharp  
object and push the cover up fist then push it up)

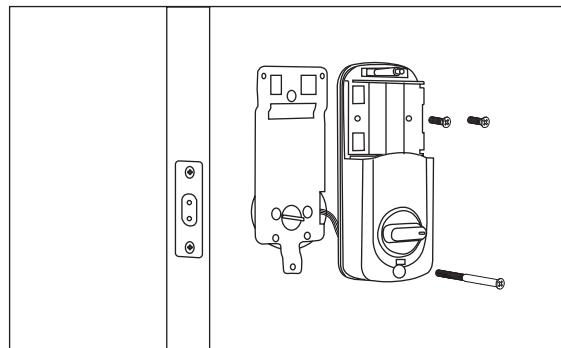


Connect the IC wire into the back of the receiver module.

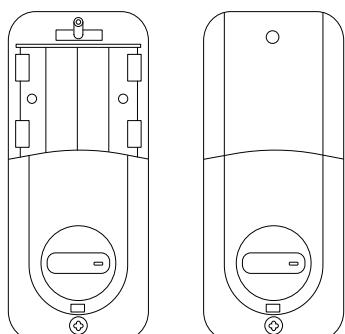
Note:Ensure the thumb turn piece and the toggle button of the  
cover in right way.

Use 2 short flat screw tighten the receiver module inner battery  
groove.

Longest flat screw connect the receiver module with door.



#### 9)Insert Battery and Install Back Battery Cover



Insert 4pc (AA) 1.5V Alkaline batteries and slide the battery cover back onto the receiver module.

#### Remarks:

- (1) Alkaline batteries are recommend in order to stabilize the power supply, if you don't use alkaline, battery performance will be reduced greatly.
- (2) All setting will be retain in the memory even if the batteries are complete dead .If batteries are complete dead , using 9v backup battery to unlock the door.

## SMART INSTRUCTION

Pairing Lock to Phone App

### 1. Down the App " TTLock"

Android Mobile Phone--Search "TTLock" from Google Play.

Apple Mobile Phone--please search "TTLock" from App Store.

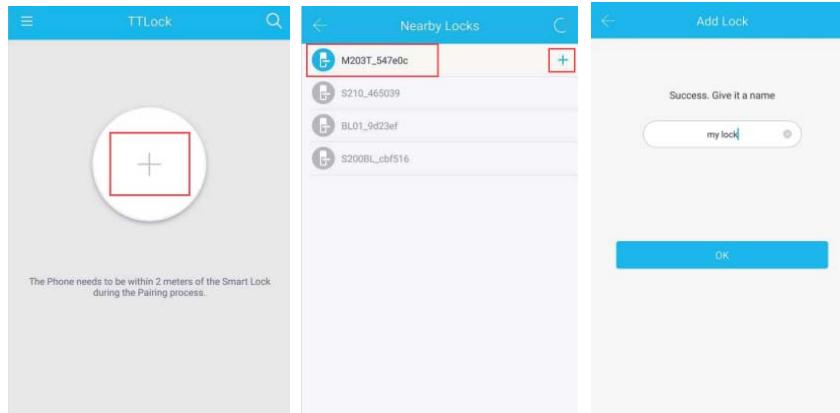


### 2. Register and Login the Account

### 3. Match the Lock to the Application

When matching, follow the prompt steps of the program, you need to touch the screen after installing the lock and placing the battery, match the blue icon lock , and set the name for the lock.

Note: If the smart lock is in a non-addable state, please press and hold the "Reset Button" then try to connect again. (This button is in the front Keypad panel)



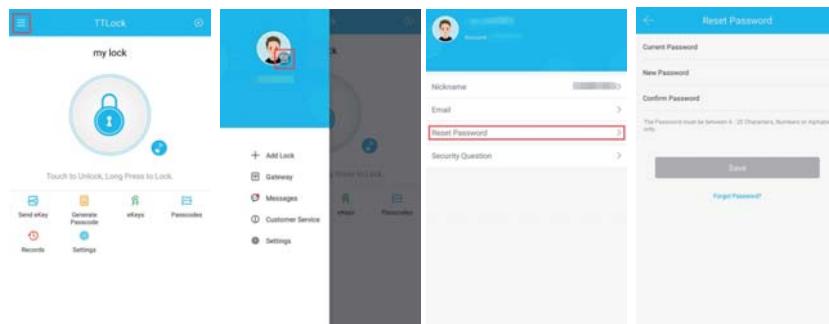
## TT LOCK App Operating

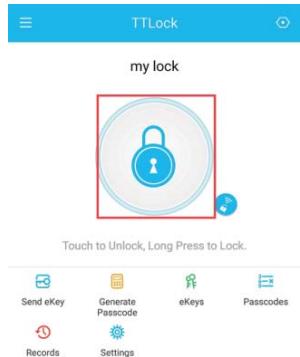
### 1. Account Information Change

When logging in "TTLock" App, you need set up an account contain account password.

Each account can be added with multiple smart device locks for management.

Once the smart lock is added, it will become the admin account for the lock.





## 2.Lock/Unlock

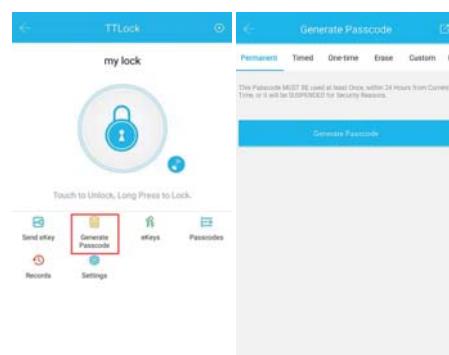
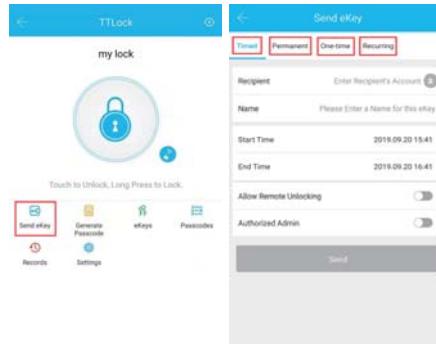
Press for unlock, long press for lock. It requires your smart phone and Bluetooth lock to be within a certain range.  
Note: If you want remote control, you need to connect to the Gateway.

## 3.Send ekey

You can add another account on the app.

This way your family can also control the Bluetooth lock via the app.

Support authorized users to Limit time, Permanent, One-time, Recurring control smart lock.



## 4.Generate Passcode

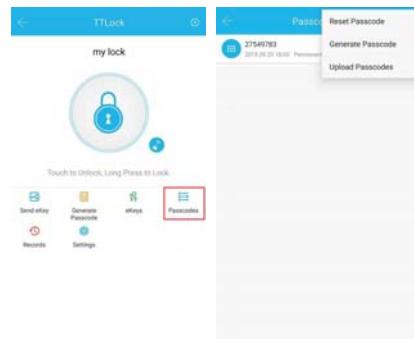
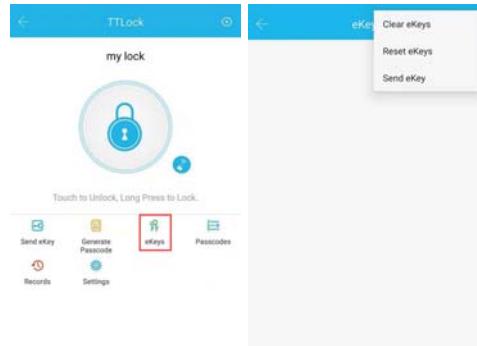
Generate or customize the passcode of the Bluetooth lock.

Generate or customize permanent, one-time, time-limited, recurring passcode.

Note: Generate the passcode to clear the passcode that Bluetooth lock stored by "Erase". Once used, in addition to the admin passcode, other passcode will be cleared.

## 5.ekeys

Manage the authorized accounts in "Send eKey". Admin can clear eKey, reset eKey, send eKey etc.

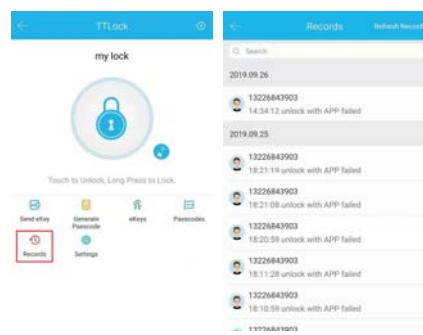


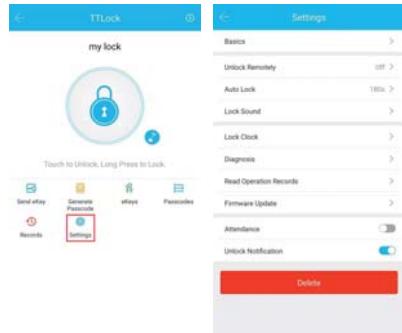
## 6.Passcodes

It records all passwords stored by the Bluetooth lock you had set. In addition, it can also reset, generate, upload passwords.

## 7.Records

It records the time and manner of the smart lock when someone opening or closing. Manage your Bluetooth lock safely and efficiently.

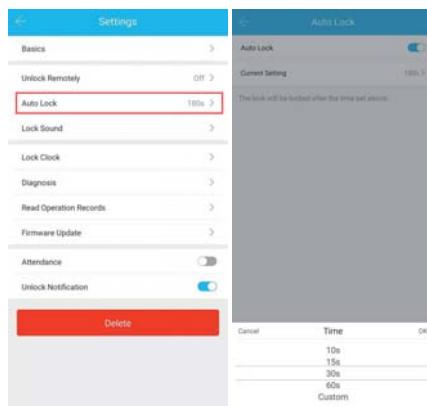
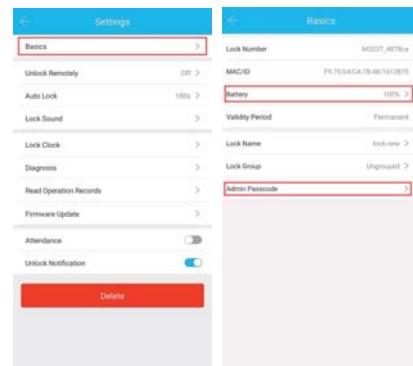




You can know the information about the lock such as battery power, admin passcode.  
Note: The admin passcode will not be cleared when erase passcode.

## 8.Settings

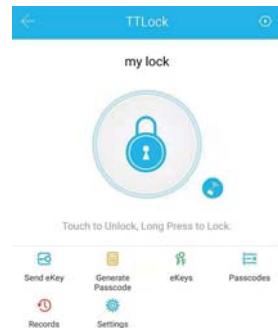
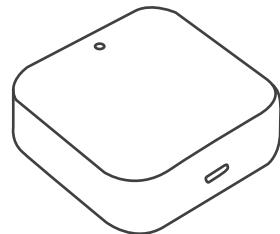
It have the function about the Bluetooth lock function setting, lock information setting, remote unlocking, auto-off time, lock sound, time proofread, record reading, etc.



If you often forget to lock your door, you could to set "Auto Lock". Set the time for automatic locking in your needs, so you don't have to worry about security accidents due to unlock.

## 9. Remote Control

Remote control support need to extra an additional Wi-Fi Gateway. Match the gateway, smart phone, app then the smart lock can support remote control lock.

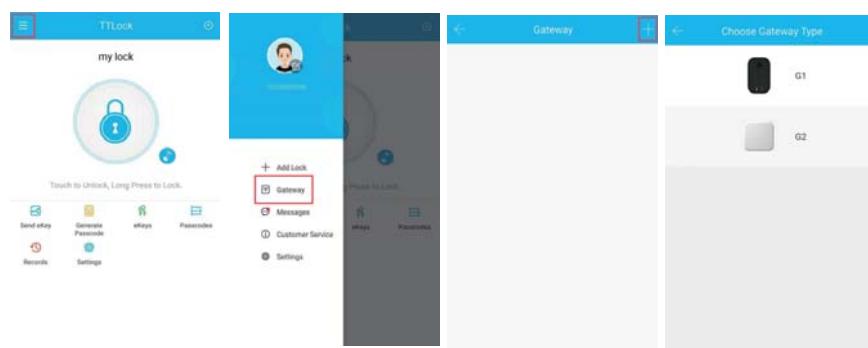


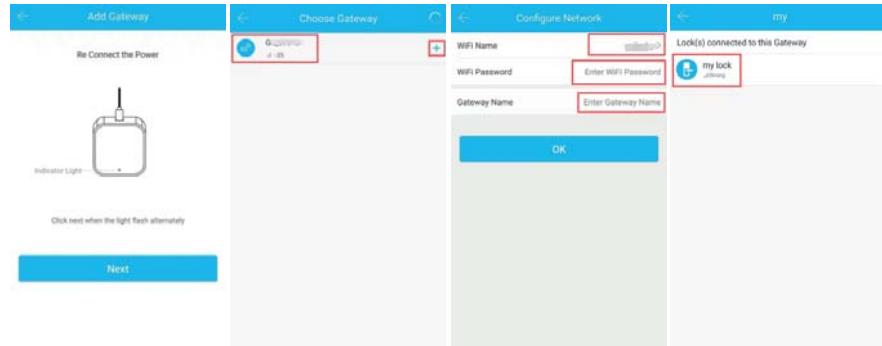
### MATCH the Wi-Fi GATEWAY to the APPLICATION

Remote Control and Alex would support after matching the Wi-Fi Gateway.

Click the button in the upper left corner of the page and enter relevant information as prompted to add a gateway to your account.

Note: When the smart phone app matches the smart lock or the gateway, it is necessary to enable Bluetooth and Wi-Fi. It can be successfully matched when your smart phone is close to the lock and the Gateway.





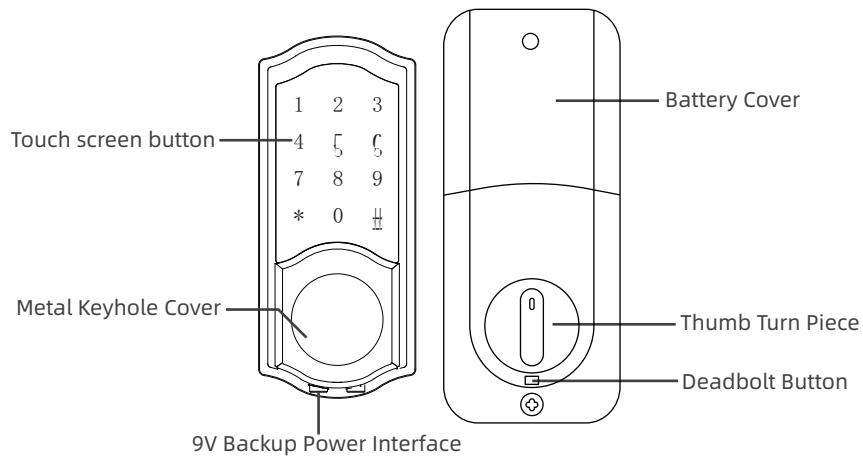
## MATCH the SMART WATCH to the SMART LOCK



Support Smart Watch (Apple watch or Android watch) lock/unlock.  
 It is supported that smart watch match to smart phone.  
 If the watch is connected to the phone, but it cannot search the "TTLock" App. Try to log in to the home page at your phone app, to refresh, and then check in the watch.  
 If all settings are normal but can't lock/unlock.  
 Opening the "TTLock" App in your phone to check if the key is in a normal state.  
 Note: All the operations, your watch and mobile phone require a certain range, the mobile phone network and Bluetooth need to remain in a normal state.

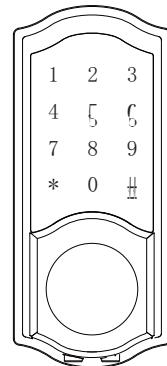
## OPERATION INSTRUCTIONS

keep the door opened while programming to avoid  
being locking out accidentally.

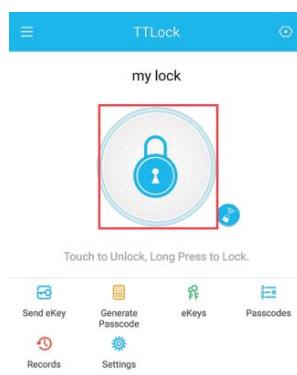


### Setting Admin Passcode

The admin passcode can be generated/set up after matching the "TTLock" app. when not added to the phone, enter "\*12#123456#Custom Admin Passcode#Confirm Passcode#" in Keypad.



## Lock/Unlock



Via Key: The package contains two pairing keys that can be opened directly through the keyhole.

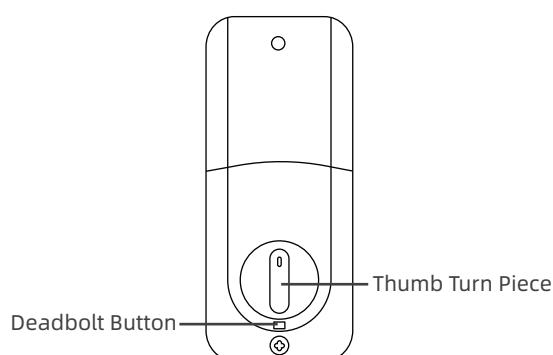
Via Keypad: Enter the passcode then press "#" to unlock. Long press "#" and hold 2s for lock.

Via APP: Touch to unlock, long press to lock. It supports at a certain distance between smart phone and lock

Note: Remote control support need to matching with Wi-Fi Gateway.

Rotate turn piece can unlock/lock from inside.

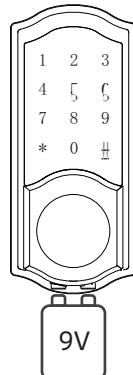
First time to long press deadbolt, when it make a clear sound "DiDi" , all the passcode even app control couldn't unlock outside except admin passcode.  
When long press it again until make another sound "Di" , all are back to normal , the smart lock in works.



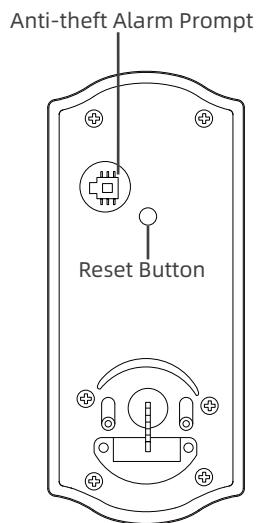
## Battery Power Runs Out

The smart lock sounds an alarm when the battery is low.

If needed use 9V backup battery to interface then unlock.



## Anti-theft Alarm Prompt



The smart lock has an anti-theft alarm function.

Turn off the anti-theft alarm:

Enter "\*32# (admin password) #0#" on the keypad.

Turn on the anti-theft alarm:

Enter "\*32# (admin password) #1#" on the keypad.

Note: Keep the alarm button on the front panel always pressed when install, otherwise it will always beeping when put in the battery.

## Reset Button

If the smart lock is in a non-addable state (the name is gray on the APP or cannot find), please press and hold the reset button and try to connect again.

Note: This button is in the front Keypad panel.

## FREQUENTLY ASKED QUESTIONS

The solution for details of FQA, please refer to the Instructions Guide.  
If necessary, please connect with our customer service.

### INSTALLATION FQA

NO.	Question	Answer
1	Why does the latch is stuck out of work?	The IC cable is stuck with the locking tongue. You need to correctly place the IC line according to the installation instructions of Install Inside Mounting Plate.
2	How to lock by keypad?	Long press "#" in keypad and hold 2s for lock.
3	How to open the keyhole cover ?	Long press "#" in keypad and hold 2s for lock.
4	How to unlock without key when battery power runs out ?	Use 9V backup battery to interface then unlock.
5	How to set up the admin passcode Via Keypad? (when not added to the phone)	Enter "*12#123456#Custom Admin Passcode#confirm Passcode#" in Keypad. (needs to be 4-9 digits)

### Application FQA

NO.	Question	Answer
1	Cannot match smart lock in the "TTLock" App (the name is gray on the App or can't find)?	Please press and hold the "Reset Button" then try to connect again. (This button is in the front Keypad panel)
2	How to change account passcode?	Main menu-Top left button-Edit-Reset Password
3	How to check/set up the admin passcode?	Main menu-Settings-Basics-Admin Passcode

NO.	Question	Answer
4	How to set automatic lock?	Main menu-Settings-Auto Lock
5	What does the difference between Send eKey and Generate Pass code?	Send eKey:You can authorize account management the smart locks. Generate Passcode: Generate an unlock passcode, admin or the recipient is able to unlock by entering the passcode.

## Other FQA

NO.	Question	Answer
1	How to remote control the smart lock?	All the remote control function supported after matching the Wi-Fi Gateway to the smart lock.
2	How to gain a Wi-Fi Gateways?	You can extra purchase "G1 or G2" type gateways. Or contact with customer service.
3	Does it support the Alex function?	Yes, it support Alex App, but it need matching to Wi-Fi Gateway.
4	Why does smart watch not in works for smart lock?	Try to log in to the home page at your phone app, to refresh, and then check in the watch.

**FCC Statement:**

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.

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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC Radiation Exposure Statement**

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.