LION HEAD LOCKS

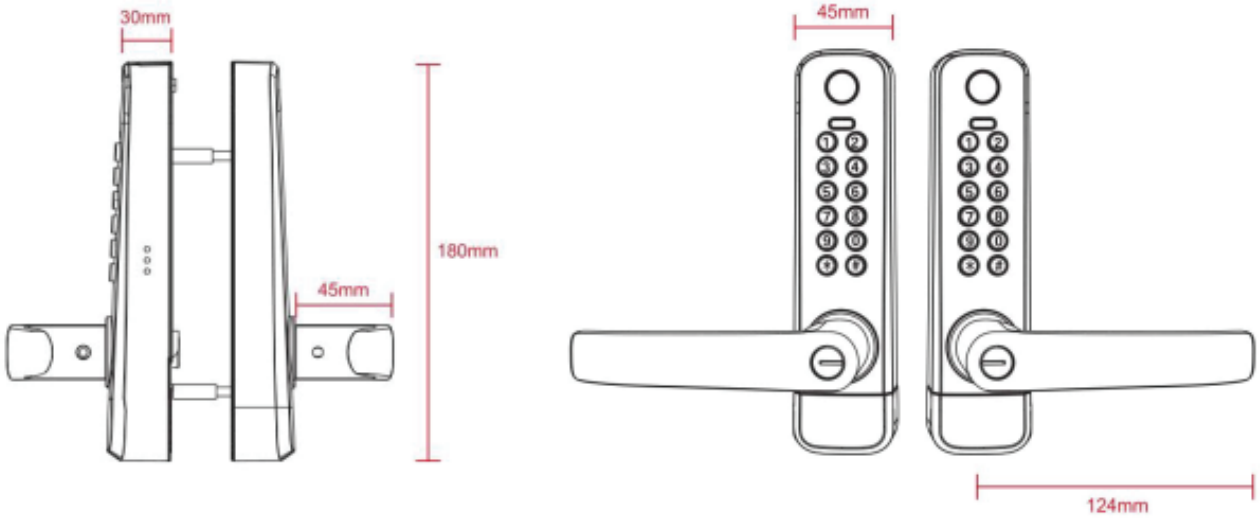
USER MANUAL AND INSTALLATION GUIDE

THE COTTESLOE DIGITAL GATELOCK

LHL-GATELOCK-DOUBLE



USER MANUAL AND INSTALLATION GUIDE
THE COTTESLOE DIGITAL DOOR LOCK
LHL-GATELOCK-DOUBLE



IMPORTANT NOTES

- Keep the mechanical keys outside the property to avoid being locked out.
- Replace the batteries immediately when the low-battery warning sounds.
- Read this manual carefully before installation and keep it for future reference.

1. INTRODUCTION

The Lion Head Locks COTTESLOE LHL-GATELOCK-DOUBLE is a smart digital gate lock designed for wooden and metal gates. It supports multiple unlocking methods including the Lion Head Lock Control App, Bluetooth, fingerprint, PIN code, RFID fob/card, and mechanical key.

1.1 PACKING LIST

NO	QTY	NAME
1	1	Front Panel
2	1	Back Panel
3	1	Mortise
4	3	Card
5	2	Mechanical Key
6	2	Waterproof Rubber Plate
7	1+1	Strike&Strike Box
8	1	User Manual
9	1	43.5mm Square Shaft
10	1	47 mm Square Shaft
11	1	51 mm Square Shaft
12	1	54 mm Square Shaft

NO	QTY	NAME
13	4	Mortise Screws:KM5*10mm (For Aluminum Door)
14	4	Mortise Screws:KA4*20mm (For Wooden Door)
15	2	Sliding Screw:M5*6.5mm
16	1	L -shaped Hexagon Wrench
17	2	Screw Stubs:M5*30mm
18	2	Screw Stubs:M5*35mm
19	2	Screw Stubs:M5*40mm
20	2	KM5*25mm Screw
21	2	KM5*30mm Screw
212	2	KM5*40mm Screw
23	1	58 mm Square Shaft
24	1	65 mm Square Shaft

1.1 PRODUCT SPECIFICATIONS

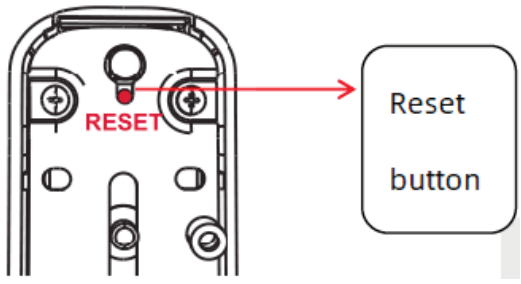


Model Number	LHL-GATELOCK-DOUBLE	Applications	Wooden or Aluminum Door
Material	Aluminum Alloy	Working Voltage	3V/ 2 x CR123 Battery
Weight	2KG	Door Thickness	35-60mm
Unlock Methods	Bluetooth, Fingerprint (Optional), Password, Card, Mechanical key, Gateway (Optional)	User Capacity	Fingerprint: 200 Password: 150 Card: 200
Color	Black and Silver	Working Temp	-10C - 55C
Low Power Alarm	Less than 2.4V	Working Humidity	0-95%

1.2 LOCK COMPATIBILITY

Supplied Lock	LHL-AD-ADJ-TUB-LATCH – heavy duty 60/70mm adjustable tubular latch (round edge face plate)
Compatible Locks	LHL fixed tubular latches

1.3 SYSTEM INITIALIZATION



Note:Please note all date will be erased if you reset your lock to factory default.All entered fingerprint, password, and other data will be cleared.

1. Open the cover plate of the back panel.

2. Long press the reset button until the voice prompt “Please enter initialization password”.

3. Release the reset button, and then enter “000#”.

2. INSTALLATION

The Lion Head Locks LHL-GATELOCK-DOUBLE Smart Lock is designed for residential and light commercial use. It supports multiple unlocking methods including mobile app, passcode, card, fingerprint (optional), and mechanical key.

2.1 HANDLE DIRECTION ADJUSTMENT

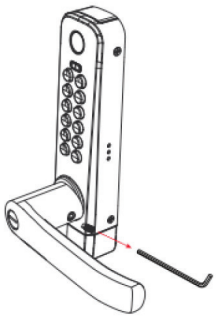
Adjust the handle according to the direction you open the door.

1. Loosen the fixing screws.

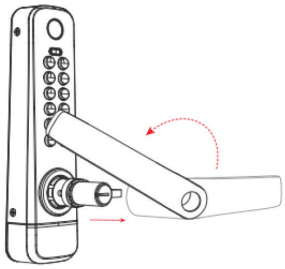
2. Rotate the handle to the required orientation.

3. Tighten the screws securely.

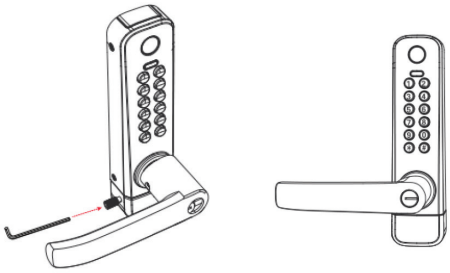
FRONT HANDLE



1. Loosen the screw of the handle.

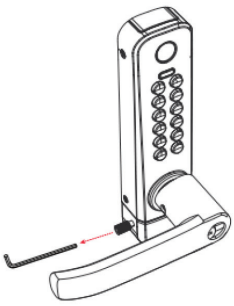


2. Adjusting direction of the handle.

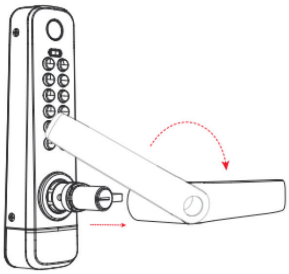


3. Re-lock the screw of the handle.

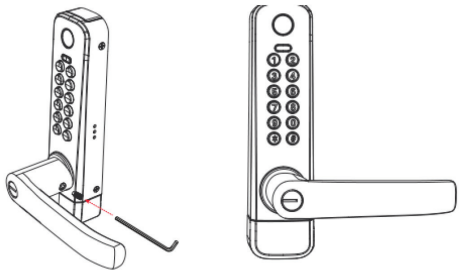
BACK HANDLE



1. Loosen the screw of the handle.



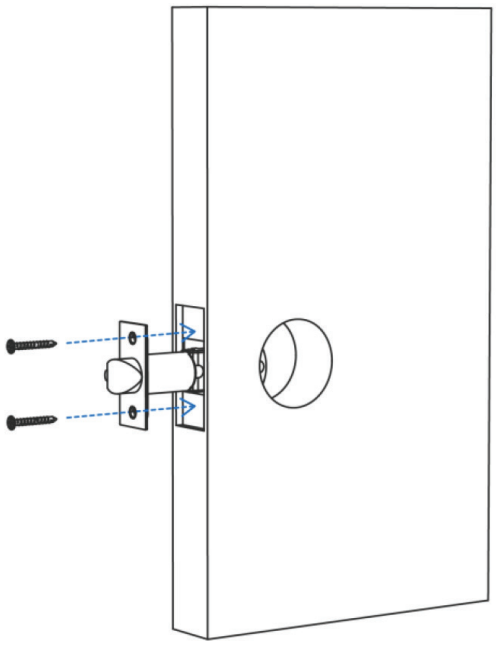
2. Adjusting direction of the handle.



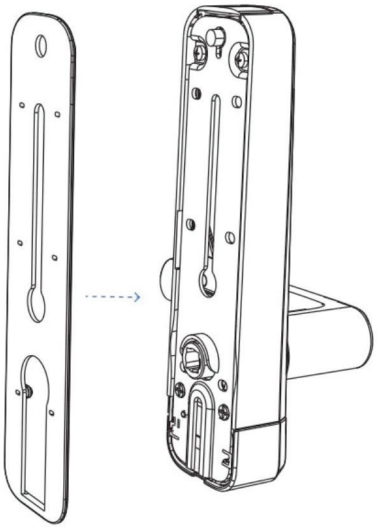
3. Re-lock the screw of the handle.

2.2 INSTALLING THE MORTISE

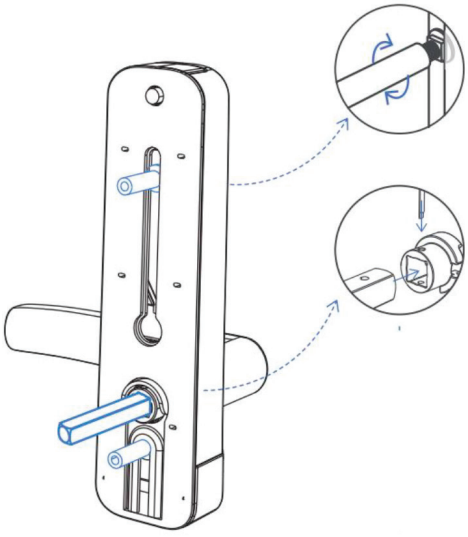
Install the mortise into the door with screws.



2.3 INSTALLING THE EXTERIOR ASSEMBLY

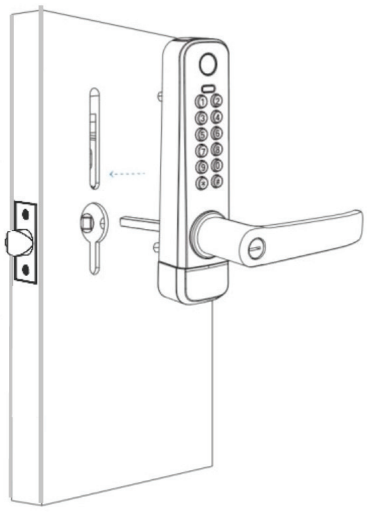


1. Install the waterproof rubber plate to exterior assembly.



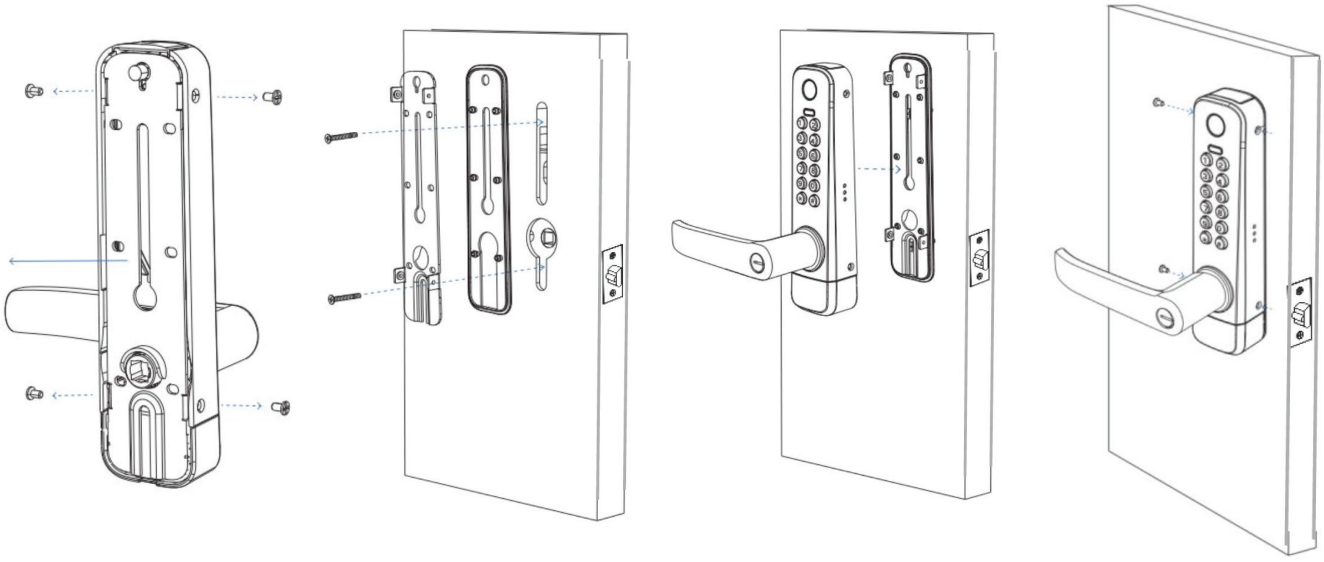
2. Install square shaft into spindle hub,keep the arrow pointing down.

3. Install 2 screw casings.



4. Install the exterior assembly to the door.

2.4 INSTALLING THE INTERIOR ASSEMBLY



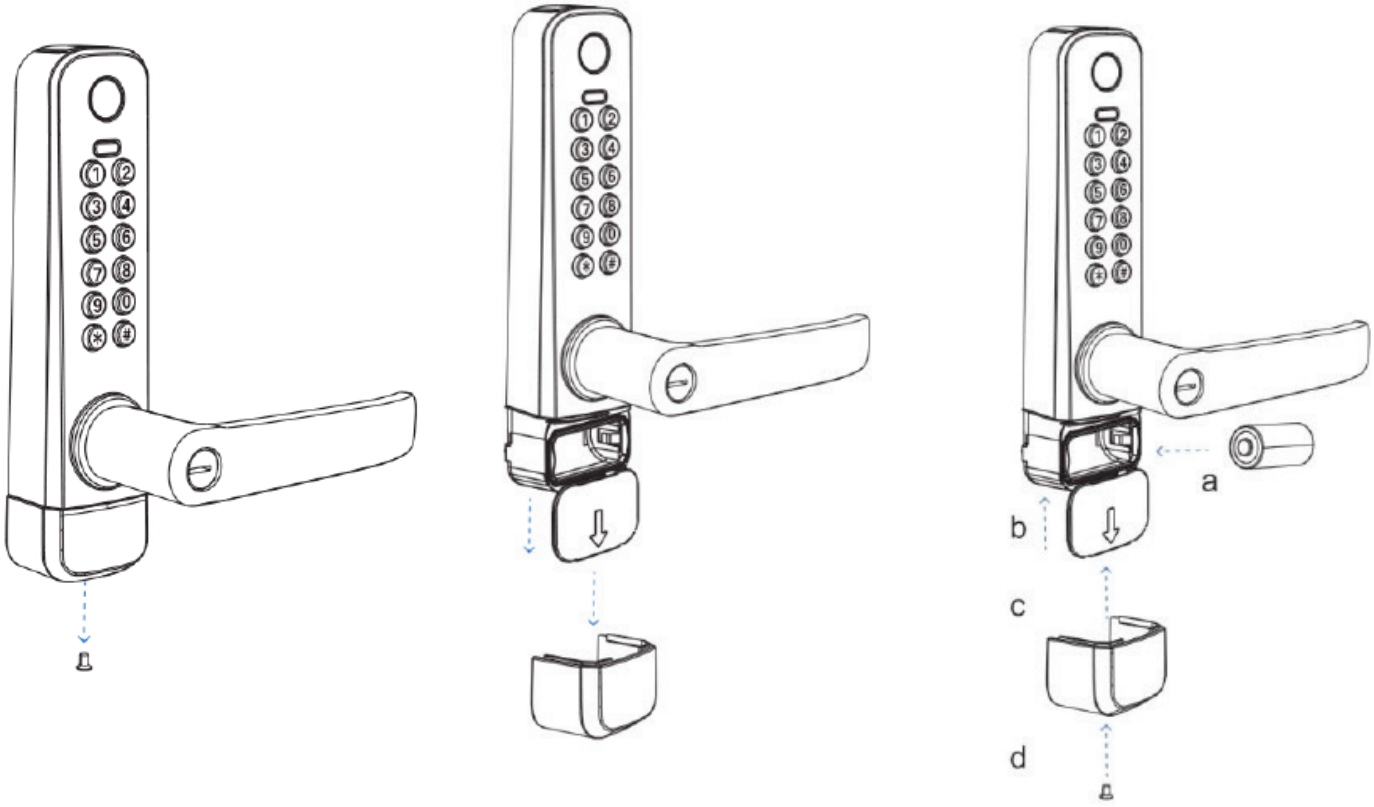
1. Remove 4 screws of the interior assembly.

2. Install 2 screws.

3. Install 4 screws of the interior assembly.

4. Complete Installation.

2.5 INSTALLING THE BATTERIES



1. Remove the screw of the battery cover.

2. Open the battery cover.

3. Insert battery and the battery cover.

3. LIONHEAD LOCK CONTROL APP INTRODUCTION

Lionhead App is a mobile application used to manage and operate your smart lock via a smartphone. Through the app, users can lock and unlock the door, manage users and access permissions, and adjust lock settings such as privacy and security functions. Lionhead App provides a convenient and secure way to control your lock without the need for physical keys.

3.1 LIONHEAD APP DOWNLOAD

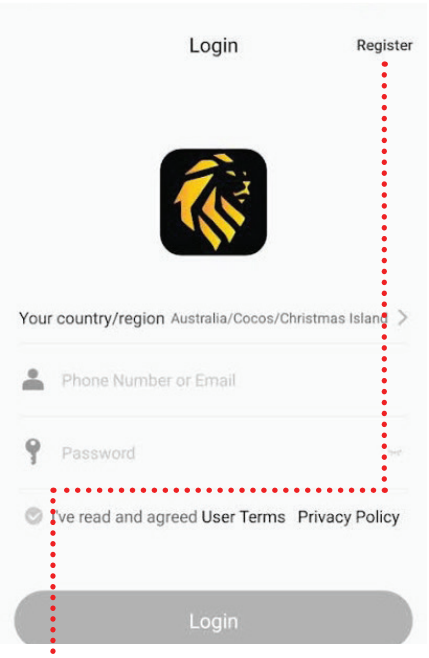
GET IT ON Google Play

Download on the App Store

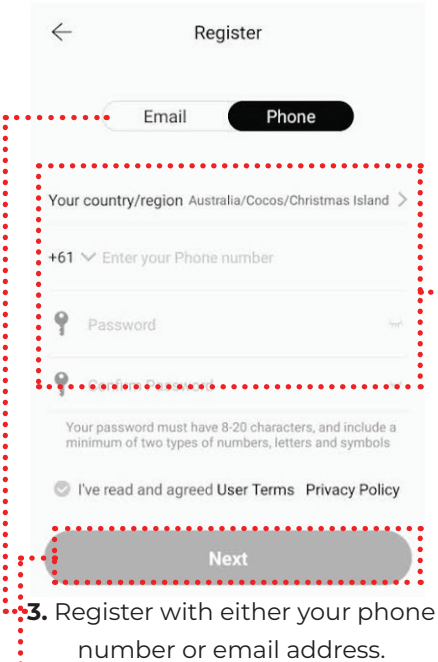
Download the Lionhead App from the Apple App Store or Google Play Store. Either scan this QR code or search for Lionhead App on your mobile phones app store.

3.2 LIONHEAD APP USER REGISTRATION (ADMINISTRATOR)

1. Open the Lionhead App



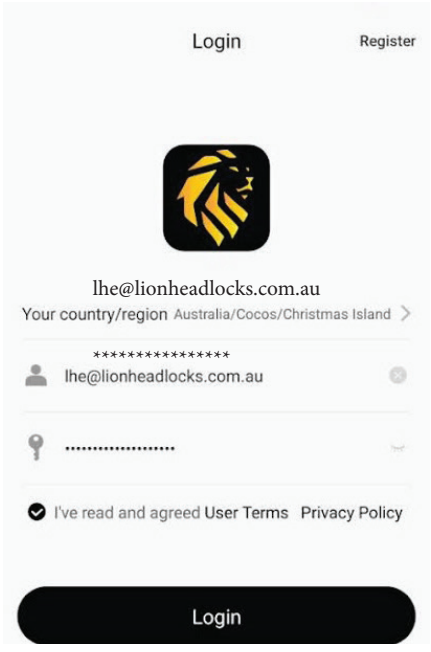
2. Select Register



3. Register with either your phone number or email address.

4. Enter details

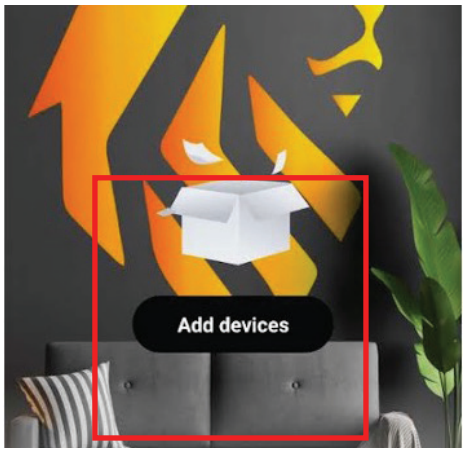
5. Select "Next" to proceed



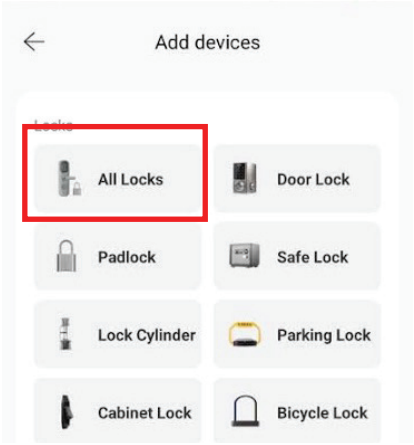
6. Login with your registered details

3.3 ADD LOCK VIA LIONHEAD APP (BLUETOOTH)

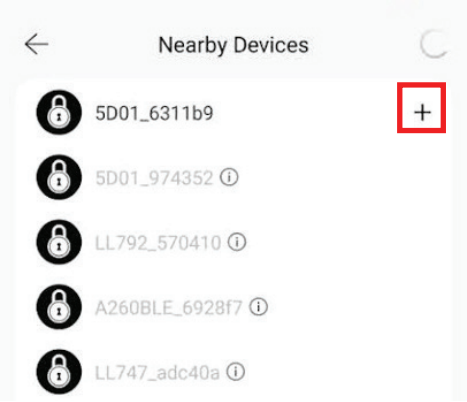
DEFAULT LOCK PASSWORD IS 123456



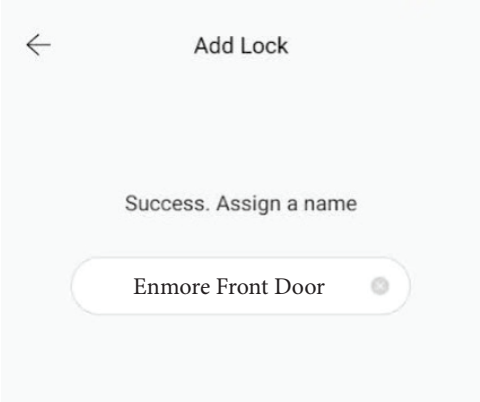
1. Select “Add Lock” button



2. Select the lock type, in most cases “All Locks” will find the lock the quickest via bluetooth



3. Select the “+” button next to the lock in the Nearby Locks list.

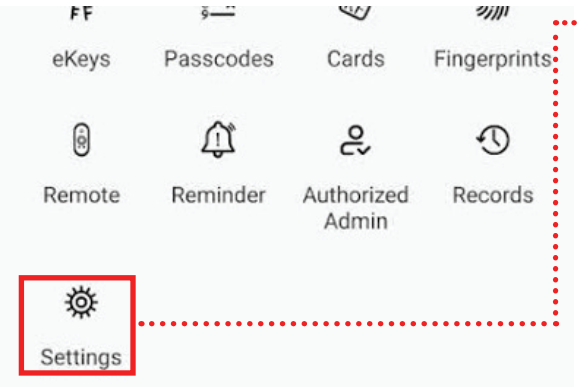


4. Rename lock to your desired name and complete lock registration process.

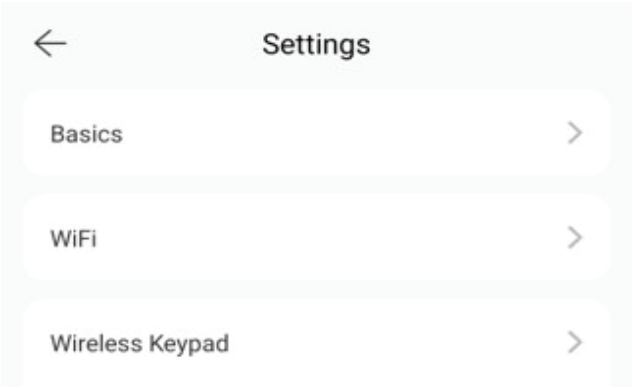
3.4 CONNECT LOCK TO WIFI VIA LIONHEAD APP

PLEASE NOTE: LHL-WIFI-GATEWAY-G5 REQUIRED FOR DUAL BAND WIFI

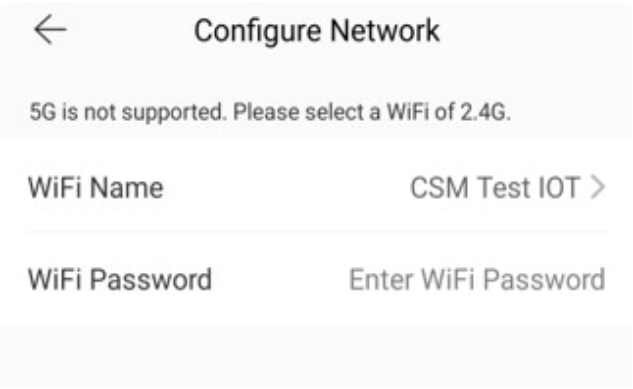
1. Select your lock from the Lionhead App home page



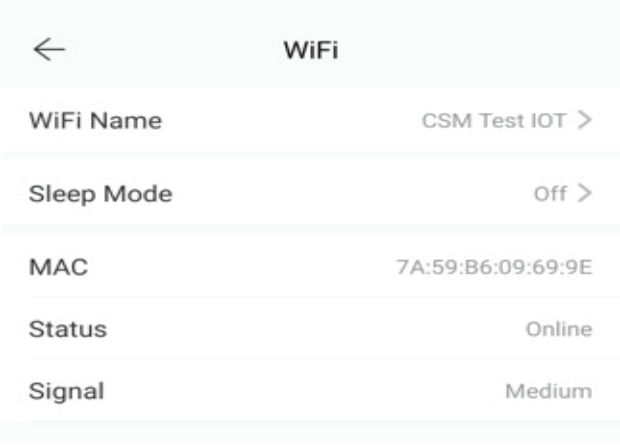
2. Select the “Settings” button from the lock management page



3. In the Settings menu, tap WiFi to enter the Wi-Fi settings menu.

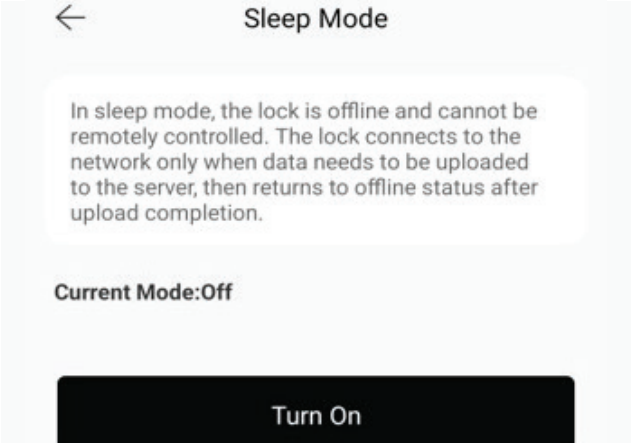


4. Select a 2.4GHz Wi-Fi network and enter the password.



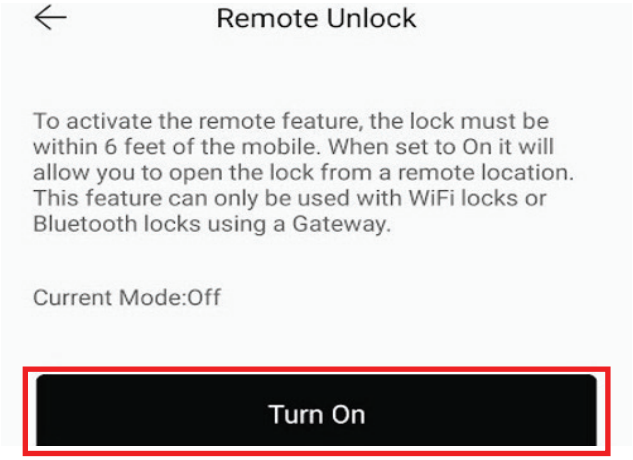
5. Turn Sleep Mode OFF to keep Wi-Fi connected for remote unlocking.

- Wi-Fi remains connected at all times
- Remote unlocking is enabled
- Lock activity messages are received in real time



6. Turn Sleep Mode ON if you only require message reporting.

- Wi-Fi connects only when a message is reported
- Remote unlocking is disabled
- Only status messages can be received



7. Enable Remote Unlock to allow the lock to be opened via the app.

PLEASE NOTE: THE COTTESLOE LOCK SUPPORTS 2.4GHZ WI-FI ONLY. 5GHZ NETWORKS ARE NOT SUPPORTED.

4. LIONHEAD APP OPERATIONS

Lionhead App provides a range of operational functions that allow users to manage access and monitor lock activity.
Through the app, administrators can add and manage users, issue and configure eKeys, select different unlocking methods and view operation records and access reports.

4.1 UNLOCK SCHEDULE TYPES

Lionhead App allows administrators to control when and how users can unlock the door by assigning different access schedules. These schedules define the duration and timing of access, providing flexibility for temporary, recurring, or permanent users.

Timed:
Access is granted for a specified start and end time.

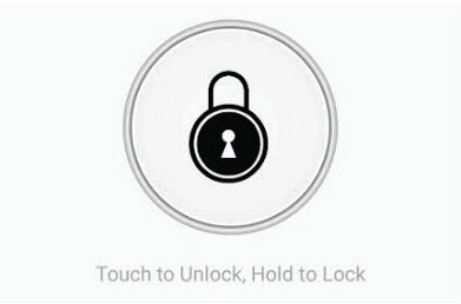
One-time:
Access is valid for a single use only.

Permanent:
Access remains valid with no time restrictions.

Custom:
Access is configured using user-defined date and time settings.

Recurring:
Access is granted on a repeating schedule, such as specific days or times.

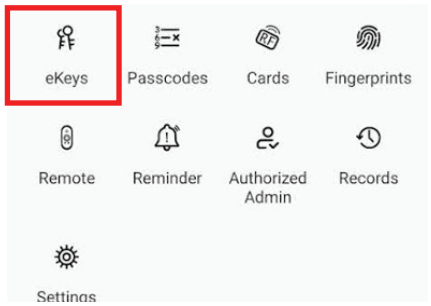
4.2 ENSURE LOCK CONNECTION



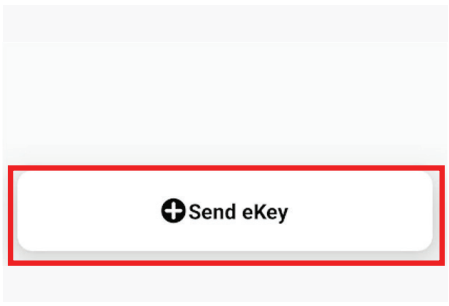
Ensure that Bluetooth communication is functioning correctly. After connecting your phone to the door lock tap the unlock icon to unlock the door. The phone must be within 5 metres of the lock.

4.3 EKEY SET UP

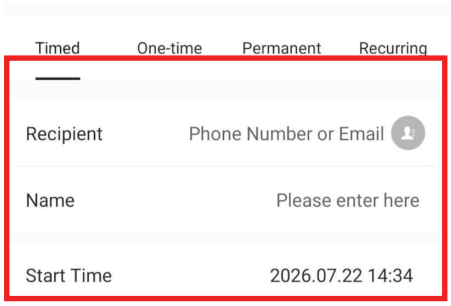
eKeys allow users to unlock the door using the Lionhead App on a smartphone. Access permissions can be issued, modified, or revoked by an administrator with flexible scheduling options for temporary or permanent



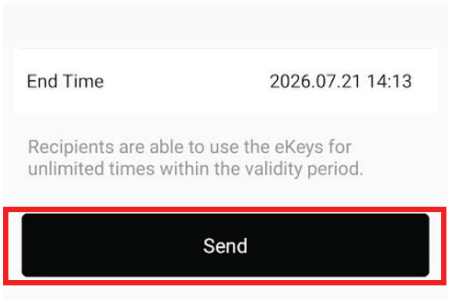
1. Select “eKeys” button



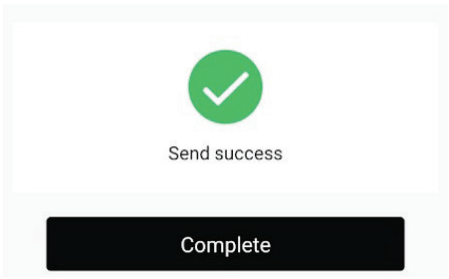
2. Select “Send eKey” button



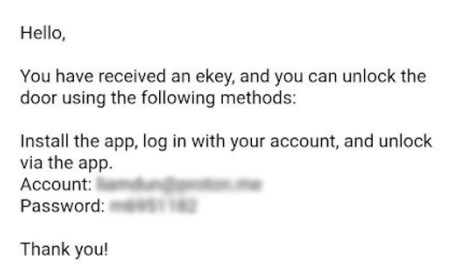
3. Select schedule type and enter recipient details (email or phone)



4. Press the “Send” button



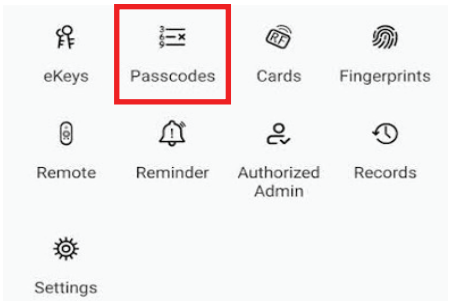
5. You will recieve a success notification



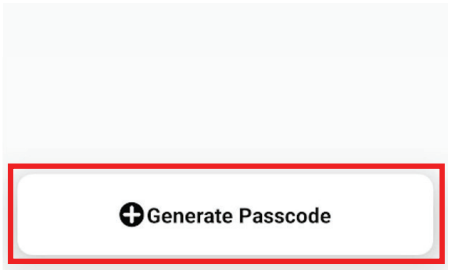
6. Reciepient will recieve an email with unlock details

4.4 PASSCODE SET UP

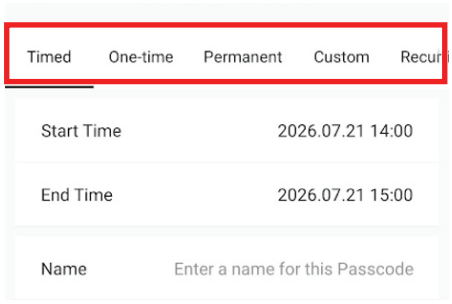
Passcode unlock allows users to open the lock by entering a numeric code on the keypad. Passcodes can be assigned with different access schedules and managed through the app, providing a convenient keyless access option.



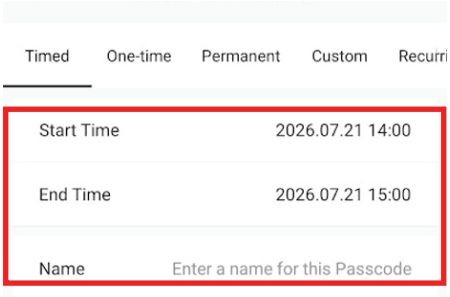
1. Select “Passcodes” button



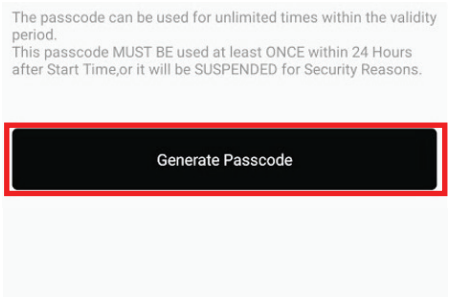
2. Select “Generate Passcode” button



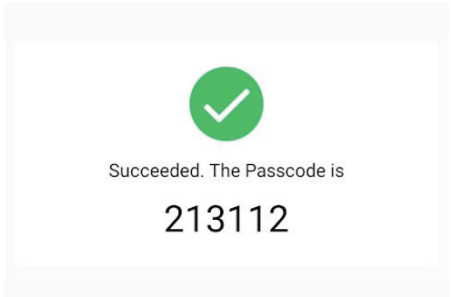
3. Select schedule type



4. Set passcode details. These will differ as per the schedule type.



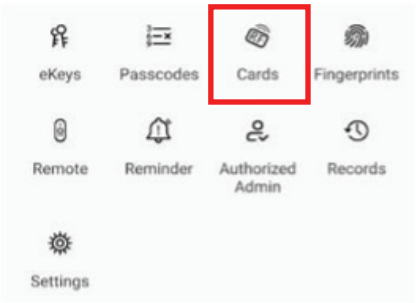
5. Select “Generate Passcode”



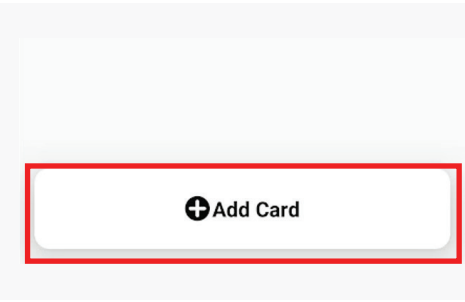
6. You will recieve a confirmation that your passcode has been set up

4.5 CARD SET UP

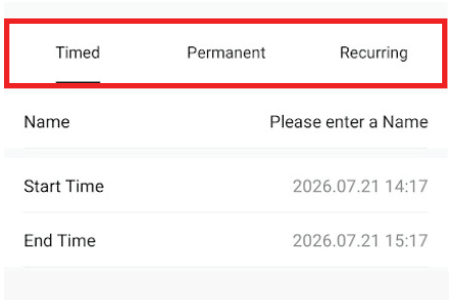
Card unlock allows authorised users to open the lock by presenting a registered access card to the reader. Cards can be added or removed through the app, providing a simple and reliable access method.



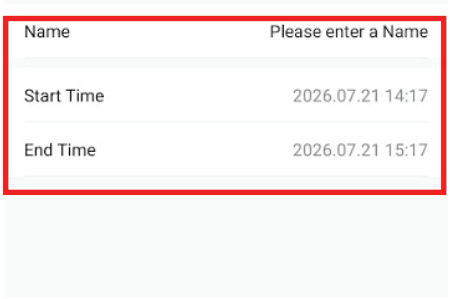
1. Select “Cards” button



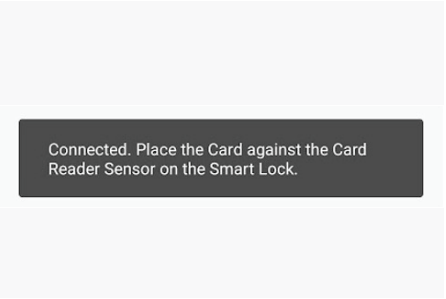
2. Select “Add Card” button



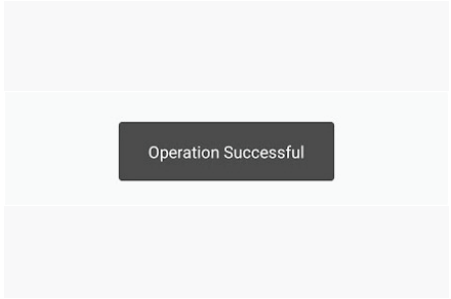
3. Select schedule type



4. Add the shedule details and select “Ok”



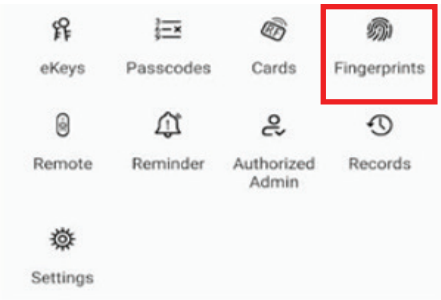
5. Place the card to the keypad of the lock



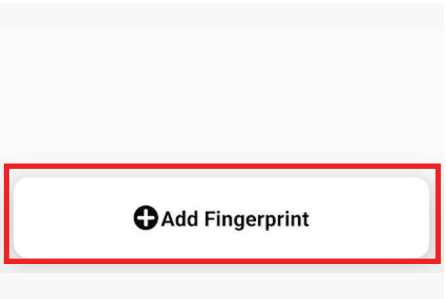
6. You will recieve a success notification once the card is

4.6 FINGERPRINT SET UP

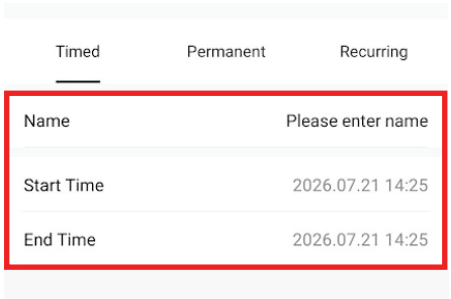
Fingerprint unlock allows authorised users to open the lock using a registered fingerprint. Fingerprints are enrolled and managed through the app, providing fast, secure access without the need for keys, cards, or passcodes.



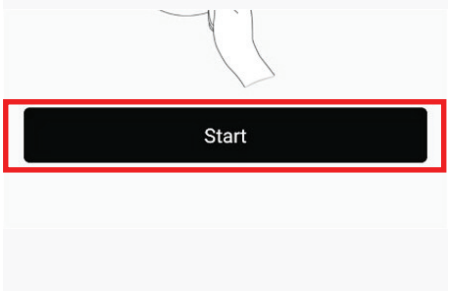
1. Select “Passcodes” button



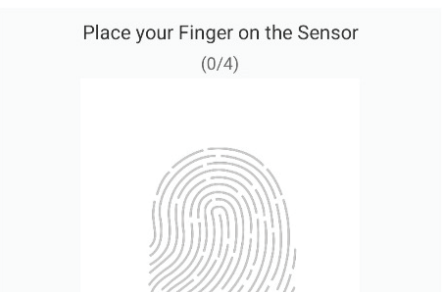
2. Select “Add Fingerprint” button



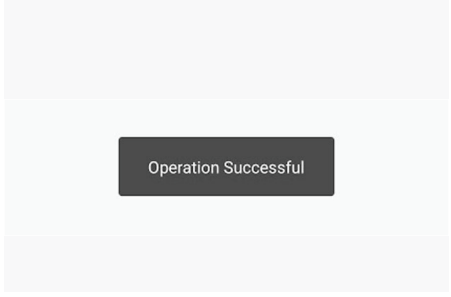
3. Select schedule type, add details and select “Next”



4. Select “Start”



5. Follow onscreen instructions and place your finger on sensor 4 times.

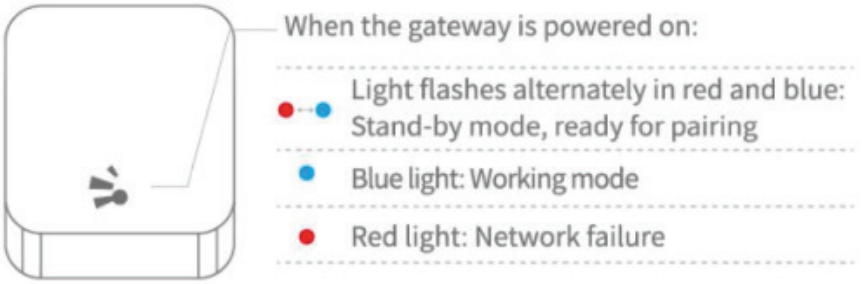


6. You will recieve a confirmation that your fingerprint has been set up

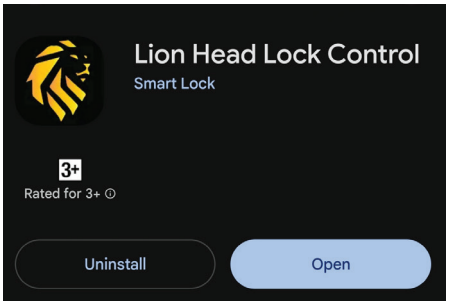
4.7 GATEWAY SET UP

The TTLock connects to the lock via Bluetooth by default and does not use the internet. A gateway allows the lock to connect to your home Wi-Fi network, enabling remote access. Through the gateway, users can view unlock records, sync the lock time, and remotely manage passwords.

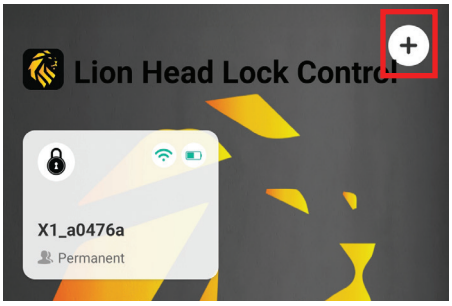
4.7.1 LIGHT STATUS



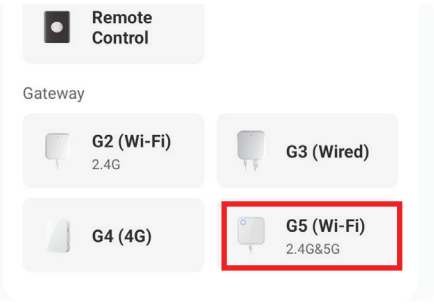
4.7.2 PAIRING GATEWAY WITH APP



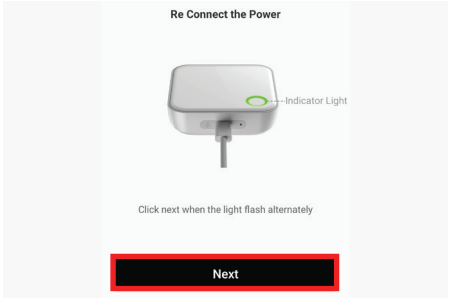
1. Open the Lion head lock control app on your phone.



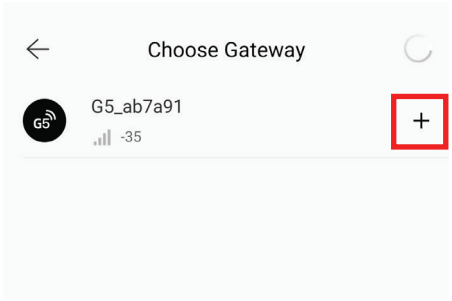
2. Tap the "+" (Add) button in the app.



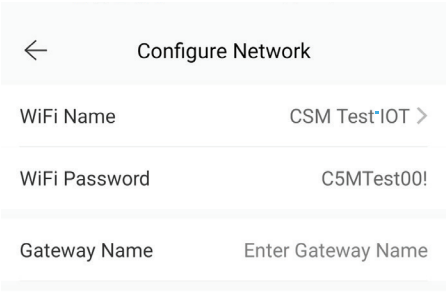
3. Choose G5 as the gateway type.



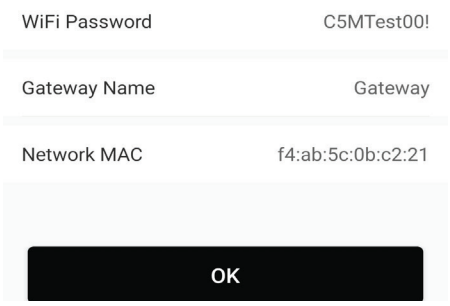
4. Plug in the gateway and power it on. The light should flash red and blue alternately and select "Next".



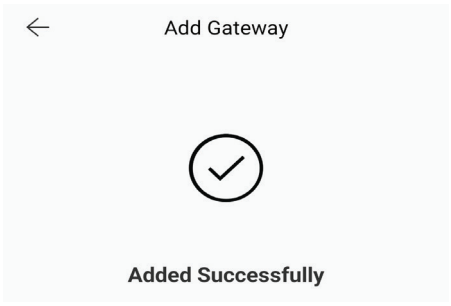
5. Choose your Gateway by tapping "+" from the list



6. Choose your Wi-Fi network and enter the Wi-Fi password



7. Enter Gateway Name and click Ok



8. Wait for confirmation — Gateway added successfully.

4.8 REMINDERS

The reminder function allows the lock to send notifications for specific events or conditions. These reminders help users stay informed about lock activity and system status, supporting timely awareness and better access management.

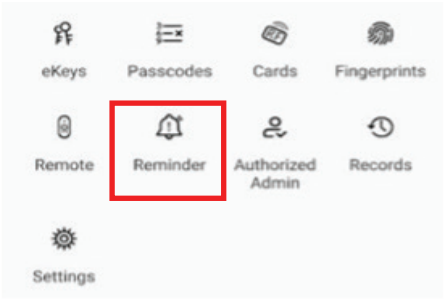
Family member arrived home:
Notifies the administrator when a designated family member unlocks the door.

N days without door opening:
Sends a reminder if the door has not been opened for a specified number of days.

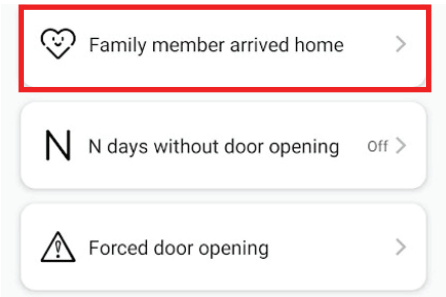
Forced door opening:
Alerts the administrator when the door is forced open without authorised unlocking.

Low battery:
Provides a warning when the lock battery level is low and needs replacement.

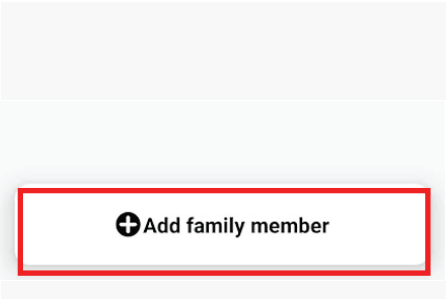
4.8.1 FAMILY MEMBERS ARRIVED HOME



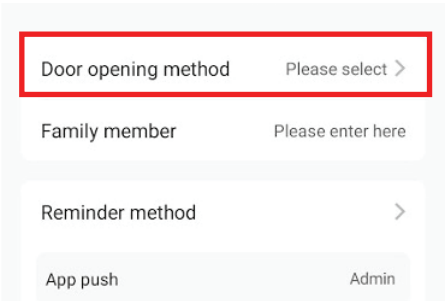
1. Select the “Reminder” button



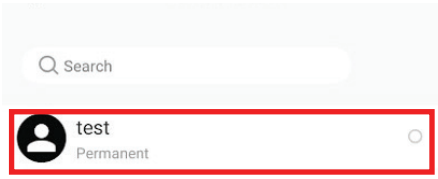
2. Select the “Family member arrived home” button



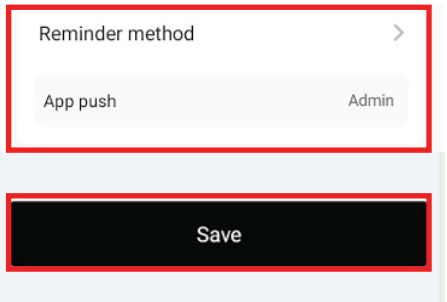
3. Select the “Add family member” button



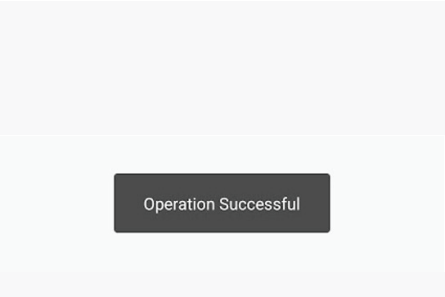
4. Select the “Door opening method” button



5. Select the desired user for notifications and press “Next”

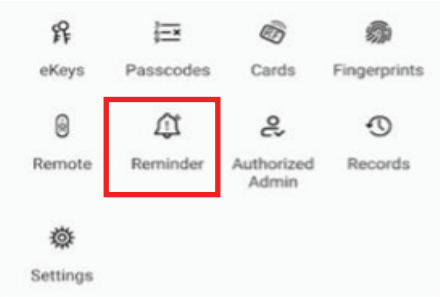


6. Select the desired reminder method and press “Save”

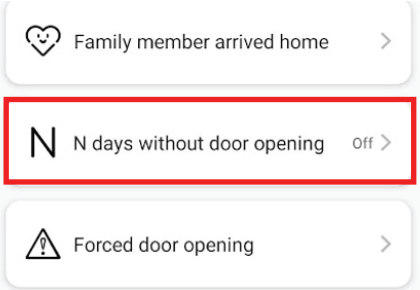


7. You will recieve a success notification

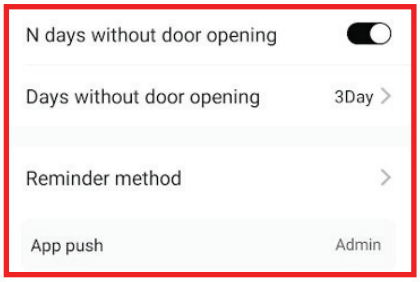
4.8.2 N DAYS WITHOUT DOOR OPENING



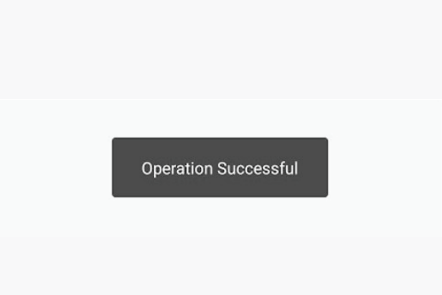
1. Select the “Reminder” button



2. Select the “N days without door opening” button

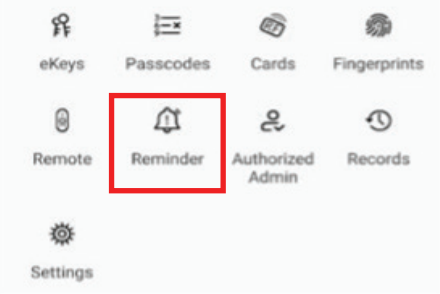


3. Turn function on, set number of days and reminder method

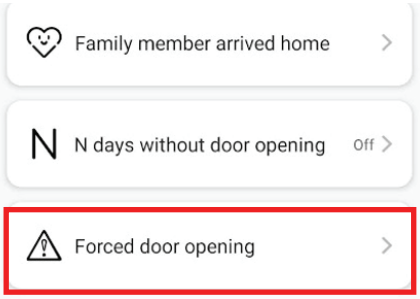


4. You will recieve a success notification

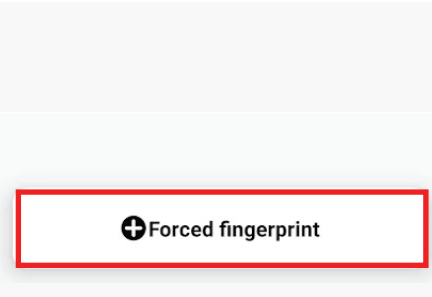
4.8.3 FORCED DOOR OPENING



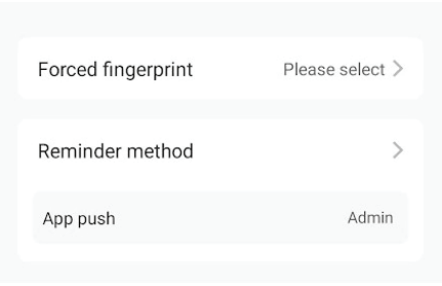
1. Select the “Reminder” button



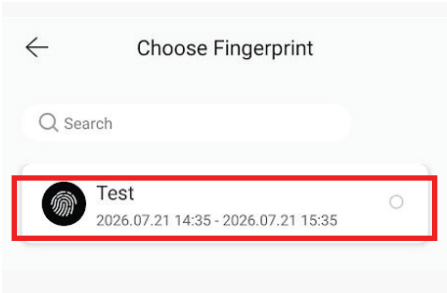
2. Select the “Forced door opening” button



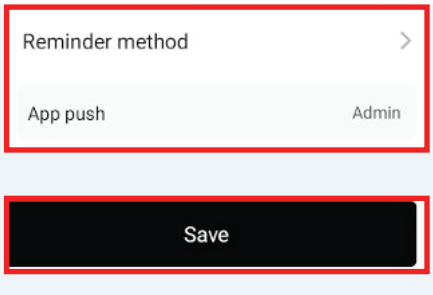
3. Select “Forced fingerprint”



4. Select “Forced fingerprint” again

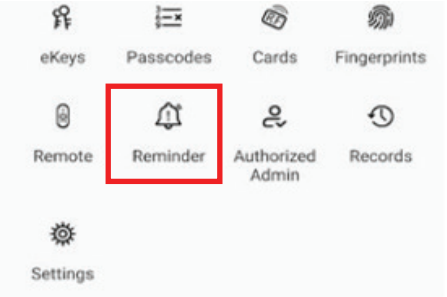


5. Select the desired fingerprint for notifications and press “Next”

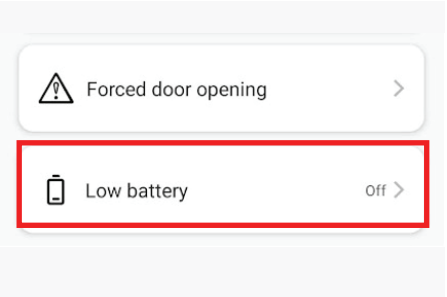


6. Select the desired reminder method and press “Save”

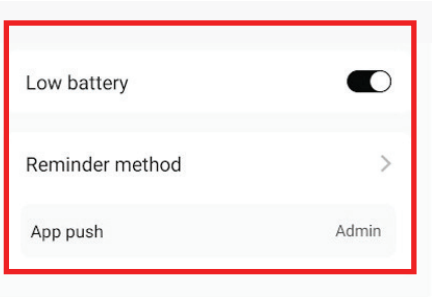
4.8.4 LOW BATTERY



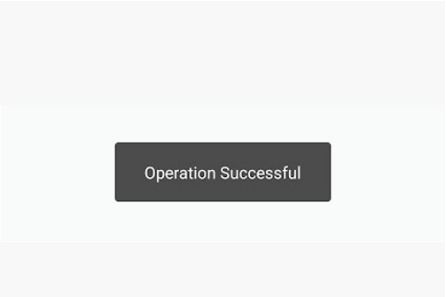
1. Select the “Reminder” button



2. Select the “Low battery” button



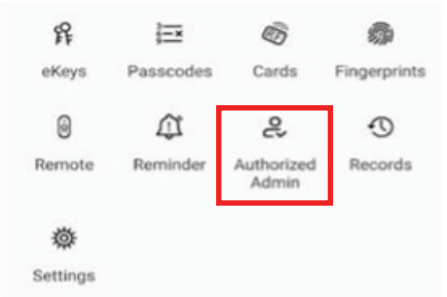
3. Turn function on, and set reminder method



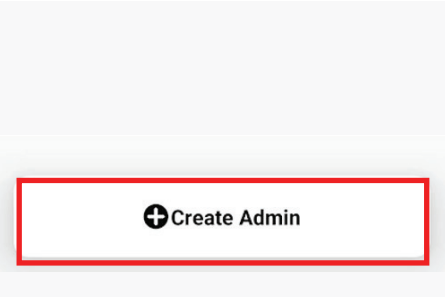
4. You will recieve a success notification

4.9 AUTHORISED ADMIN

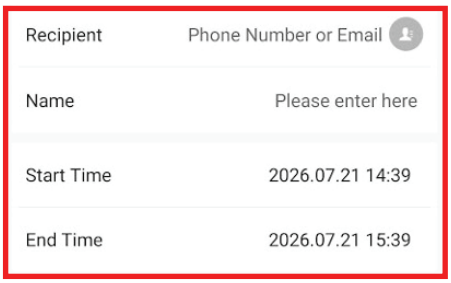
The authorised administrator area allows designated admins to manage lock settings, user access, unlock methods, and system notifications to ensure secure and controlled operation of the lock.



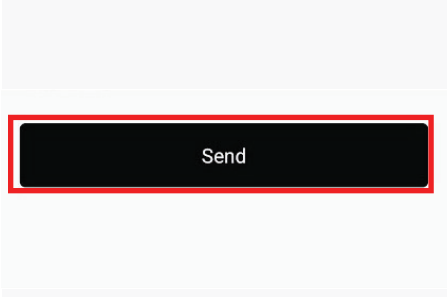
1. Select the “Authorized Admin” button



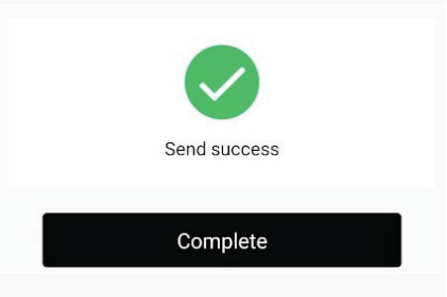
2. Select the “Create Admin” button



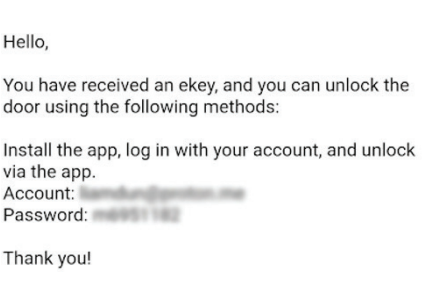
3. Enter new admin details (phone or email)



4. Select ”Send”



5. You will recieve a success notification


Hello,

You have received an ekey, and you can unlock the door using the following methods:

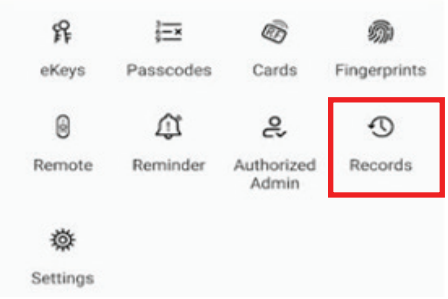
Install the app, log in with your account, and unlock via the app.
Account:
Password:

Thank you!

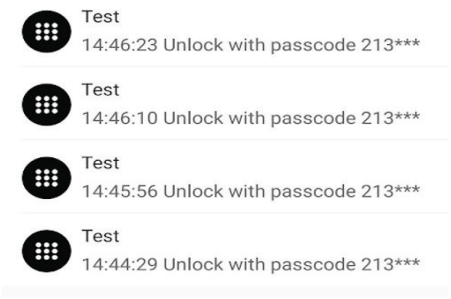
6. Reciepient will recieve an email with login details

5. RECORDS

The records section provides a detailed log of lock activity, including unlock events, user actions, and system notifications, allowing administrators to review and track access history.



1. Select the “Records” button



2. Browse and search historical records

6. FAQ

How to read operation records?

In the Records of the main interface.

Why can’t I unlock my lock after turning off passage mode?

You need to perform an unlock verification in any method, then the passage mode will take effect.

My lock is now perminently offline due to excessive password attemps

If you enter your unlock method more than five times, the lock will enter standby mode for 90 seconds before you can retry to unlock the door.

My keypad won’t turn on after installation or does not respond

a) first check that the positive and negative electrodes of the battery have been installed upside down, whether the battery has enough power

b) Remove the back panel and see if it’s connected

c) Remove the lock body and check whether the internal wires of the lock are squeezed, and the re-wire

I cannot register my fingerprint

Check the fingers for dirt or wear, and check the fingerprint sensor on the lock for dirt or oil residue. Test the fingerprint function by pressing the sensor to confirm it responds correctly.

My lock is using the batteries faster than expected

Check to see if the circuit and wiring on the internals of the lock are correct.

Set the lock to WiFi Sleep Mode

The outside handle is unlocked, but the door has confirmed that it should be locked. If I pull the handle up, the door will open.

Ensure that the triangle on the clutch is facing the correct direction on the internal of the lock.

7. SUPPORT

For technical and sales support please contact Lion Head Locks on the below details.

INFO@LIONHEADLOCKS.COM.AU

WWW.LIONHEADLOCKS.COM.AU