EZlock Mobile App User Guide

1 EZlock overview

EZlock, smart lock, is the most economical way to provide secure and convenient control of your deadbolt door lock. **You can unlock from the Mobile App, touching the dealbolt rose or launching the Near Field Unlock Function.** It allows you to grant or revoke access to access to a third party's smartphone by secure email. This virtual key cannot be duplicated or transferred to other devices. Key Fob is included for non-smartphone family members.
The EZlock comes with advanced and easy to install 'deadbolt lock replacement kits' and powerful free 'Mobile App' .

2 How to set up (YouTube 'EZlock, smart lock' video is available)

Please use 'EZlock deadbolt lock replacement kits' instructions to complete EZlock Device installation. EZlock Device will perform 'Unlock' and 'Lock' self-testingfunction once after installing batteries. When self-test failed, you will hear the alert beeps from the EZlock Lock, please check the installa tion manual for any corrections before download the free Mobile App.

1. Download EZlock Mobile App
The EZlock Mobile App is available from both the Apple App Store and the Google Play Store. Simply download the App and register the 'Admin Key' with the EZlock Device to initiate the system. During the App installation, please accept 'Access Location' and 'Access Notification' services option. Without these services, EZlock will not function properly.

Fig-1

Fig-2

EZlock Mobile App's icons / symbols and colors uses in the App. (Fig-1)

- Color-coding from the App and EZlock Lock's **Rose Light Ring** (Fig-2):
  a) **Orange:** In Registration Mode
  b) **Blue**: flashing from Rose Light Ring: touch sensor detection enabled.
  c) **White**: Flashing from Rose Light Ring, enable the touch open function.

- App's icons and symbols functions:
  Home: Top-level view. It shows EZlock Lock available status and Door status.
  You can touch 'Key Symbol' to lock or unlock the door.
  Always go 'Home' page to retrieve data from the EZlock Lock.
  Lock: Top-level Lock view. It shows available Locks and selection menu. Use '**+**' to add a new Lock.
  Key: Top-level Key view, it shows available key status and selection menu. Use '**Request Key**' to send the email to Admin for new key. Admin uses '**Share Keys**' option to send the 'encrypted key file' to the requestee.

2. Register Admin Key to the EZlock system.
Run the EZlock App in front of the EZlock Lock and follow the App's sequence to complete Admin Registration.
a) The App will auto scan available EZlock locks in the vicinity. Press '**+**' to add the Lock to the App. (It may take up to 60 seconds to complete this task).
b) New Lock (Fig-3): Update the Name field and/or adjust Auto Lock period (0 – 99 seconds, the default is 15 seconds; '00' to turn-off Auto-lock). Press '**Save**' to continue registration sequences.
c) Go through the App's steps to enter Registration Mode . You should see the Orange color from the Rose Light Ring. If 'Ready' option is not available for more than 10 seconds, please touch and swipe screen to the left again.
d) If Admin registration is successful within 10 seconds, EZlock Lock will beep and jump to the touch sensitivity level setting page.

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e) In the touch sensitivity level setting page, please touch Deadbolt Rose now to adjust the sensitivity level. Because the touch sensor has been activated now, each touch will response with the 'Blue Flashing Light' from Rose Light Ring, Please start with 'Highest' and move down to 'Lowest' level. If touch sensitivity is too high, it will flash by itself continously, please select lower setting, and then touch ✔ when finished.
f) Admin Key registration is now complete.

3. Admin Key functions
Home: Go to 'Home' page and wait for the auto scan results. To unlock your door (indicated by a red lock🔒, lock state) touch the symbol. When door is unlock, a green lock symbol 🔓 appears. After Auto-Lock timer countdown is reached, your door will automatically lock.
Lock: Found available EZlock Locks and option.
Key: Found available Keys and option. (Fig-4)

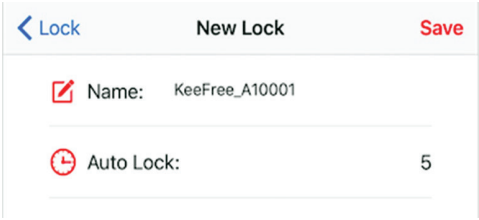

Fig-3

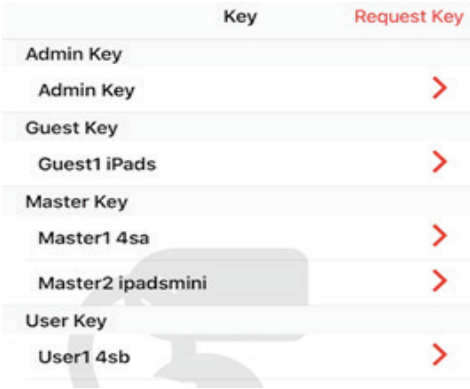

Fig-4

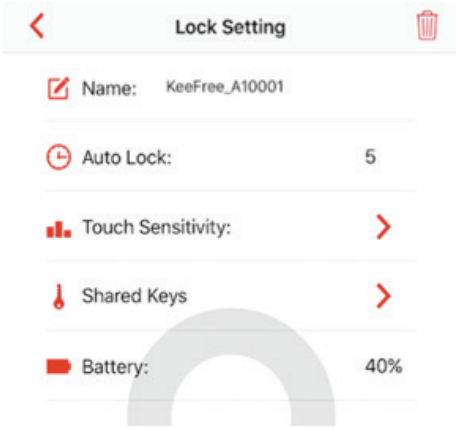

Fig-5

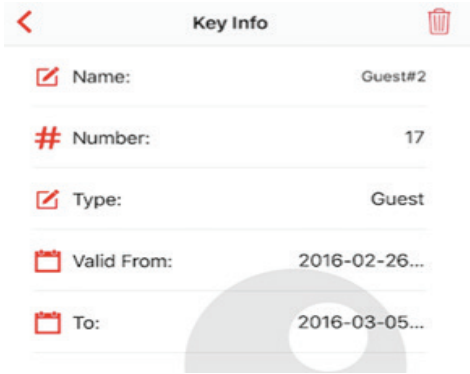

Fig-6

Lock Setting: Each lock detail setting option and battery status. (Fig-5)
Key Info: Each Key detail information. Only the Guest Key type will have expiration period. (Fig-6)

You are in control: With the Admin and Mobile App, you can use the top right 🗑 icon to revoke any key from the system.

Auto Lock setting: Adjust automatic door lock timer. You can turn it off by set to '00'. (Fig-3)
Your standard Key 🔑 is your lifesaver; please keep it in save place for emergency usage.

4. **Touch Unlock:** (Fig-7)
The EZlock has a built-in touch sensor, with your smartphone and the Mobile App must run on the background. This function only allows once to unlock the door by touch sensor from each entrance. Requirement for Touching Unlock: the active smart phone should be in the out of range distance, 20 meters above for more than 50 seconds to enable these functions. When EZlock touch sensor function is ready, the Rose Light Ring will show a flashing White light. You can touch the Deadbolt Rose to open the door at this moment.
Hint: You can remove the App from background to disable this function.

Fig-7

5. **Near Field Unlock**
Use your smartphone with **the Mobile App running in the background**, then make it activated (bring up its screen) in front of the EZlock Deadbolt (less than 1-2 cm/ 1 inch), the door will be unlocked within 3 seconds.

6. **Share keys**
You can add two sets of Master Keys, seven sets of User Keys and 24 sets of Guest Keys.
a) Ask the future user to download 'EZlock App' and Run the App.
From the 'EZlock' App -> Key option and select 'Request Key'. The email service App will ask the user to send this request to you. The content of the email has the unique ID. (Fig-8)

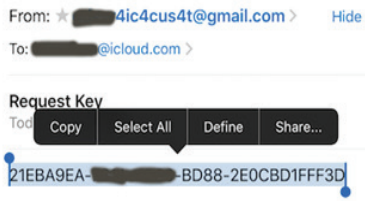

Fig-8

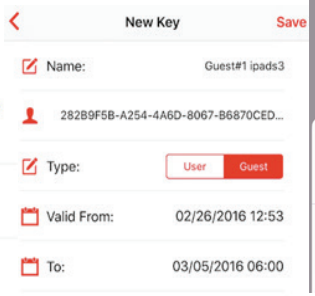

Fig-9

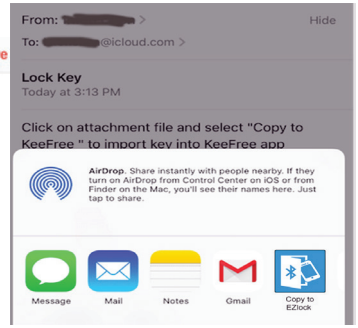

Fig-10

b) After you have received the 'Request Key' email, copy the 'Unique ID' string and paste to 'New Key' User ID filed. (Fig-9)
From: Lock Setting -> Shared Keys option '+' to add New Key.
Note: Only Guest key has expiration date requirement as shown in Fig-9.
c) Press 'Save' to confirm this request. Based on the User ID, the App will generate an encrypted key for this user. Each encrypted Key can only be used once. If any error occurred, delete this key and start over again. The App will guide you to send this email to the user.
d) The future user will open 'Lock Key' email and tap the attached file then the App will guide you to select 'EZlock' App to accept this file as shown on Fig-10:
e) After importing the 'Lock Key' file, the App will accept or reject this new Key.
If key has been accepted, test the EZlock Lock. The App will perform an auto scan to register this Key to the system. When the new key passes the security check, you can control the door according to the share key setting.

EZlock has 40 sets of unique electronic ID keys, these keys canot be duplicated or transfered. Each key can only be registered to the EZlock App once. Each sharing key can only be issued by Admin or Master. Admin key has the ability to grant / revoke each key access for weeks, hours and minutes.
- Admin key x 1, can share two Master keys and 12 sets of Guest key to other smartphones.
- Master key x 2, each can share 6 sets of Guest key.
- Guest key x 24, each temporary key can be sent by email. After the expiration date, it will be

- Key Fob x 6, each has no expiration date. It provides safe and easy access to young family members and a 5 meters remote access radius. Please refer to 'Key Fob's registration manual' for more information.
- Opening doors is easily accomplished touching the Deadbolt Rose (Fig-3) or using pre-pro grammed hand gestures in our mobile app.

7. EZlock Key Fob's registration and auto calibration
Key Fob Battery installation and replacement: (Fig-a)
Key Fob registrations steps:
a. In front of the EZlock Lock, press and hold Key Fob's button (Fig-b) and turn 'Power Switch' to the left (on) at the same time. A rapid RED flashing LED comes up (about 3 seconds), Key Fob is ready to register with the EZlock Lock.

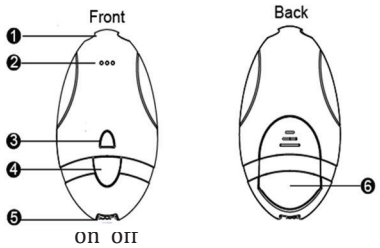

Fig-a

❶ Ring attachment
❷ Speaker
❸ Connect status LED
❹ Press button
❺ Power switch
❻ Battery cover

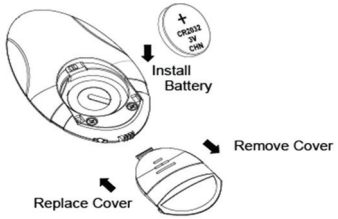

Fig-b

b. Continue to hold the button and turn 'EZlock Turn-piece' to open and then close again, An Orange Light ring comes up from EZlock and Key Fob's LED will turn Orange (Fig-c). You are in Registration mode now. Release the Key Fob button at this time. EZlock will provide a unique ID for the Key Fob to register for registration.
c. If Key Fob registration is successful within 30 seconds, the EZlock Lock and Key Fob will beep in confirmation. To complete the process the Key Fob's LED will turn off. If you do not hear 'Confirmation Beeps' and continue to see Red LED flashing, please switch off the 'Key Fob' power and repeat these steps again. (Only one 'Key Fob' is included in the shipping package, EZlock Lock can support up to 6 Key Fobs. You can order extra Key Fobs from the distributors).

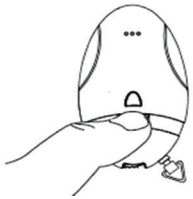

Fig-c

d. Key Fob registration is complete now and press Key Fob button to unlock the door.
e. The Key Fob has a 9-12 months battery life. When the battery is low, the Red LED will flash slowly accompanied by beeping. Please replace the CR2032 coin battery as soon as possible.

8. **Trouble shooting: Hardware Reset**
If you lost your Admin Key or Master Keys; User Keys or Key Fobs for any reason, you can do a hardware reset to prevent any illegal entry. After resetting the hardware, the EZlock system will generate new sets of unique IDs for all Keys. Hence, please delete the "Lock" from the App first and then go through the registration process to enable each key as described in previous steps.

Hardware Reset Requirements and procedures:
Unlock the door by using any key or use an emergency standard key; remove the EZlock device cover and batteries.
Unscrew three screws and detach the Rose Light Ring cable from the EZlock device.
You will see the hardware reset button on the back of the controller board.
Install three batteries first, press and hold the Reset Button on one hand and install the fourth battery.
You should see the Red LED come up and start flashing (Hardware Reset Mode).
Release the Reset Button once you have entered the Hardware Reset Mode. EZlock will erase all Key records from the system.

Federal Communication Commission Interference Statement

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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

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

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.