Smart lock (five in one) operation manual

1.Function and Operation

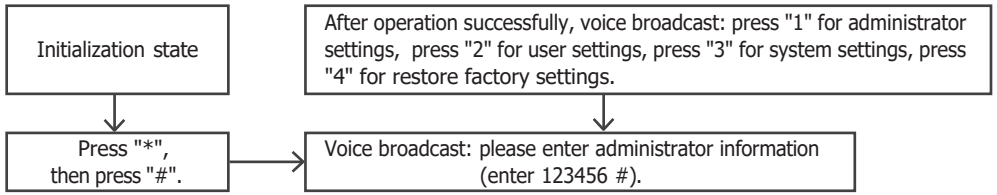
Description of terms and functional keys:

1) Administrator information: refers to the administrator's fingerprint, password.
2) Unlock information: refers to the input fingerprint, password (including ordinary users and administrators).
3) Key "*": clear key / back key. Enter the paaword and point by clearing the previous input. Click the clear key three times in succession, empty all input.
4) Key "#": confirmation key or menu funciton key.

2. Orginal state

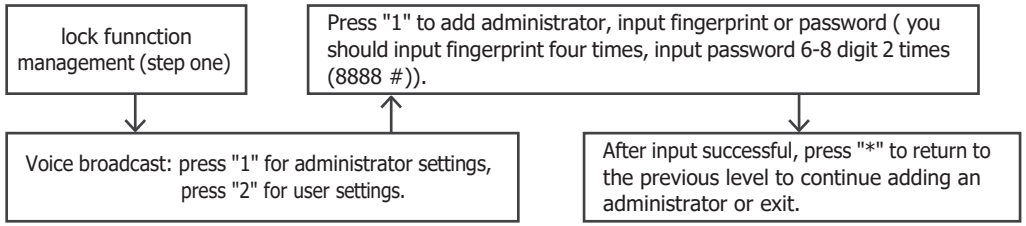
1) The factory administrator initial password is "123456", under the initial state any fingerprint or password can open the lock.
2) Any fingerprint or password which are not input cannot open the lock after inputting the administrator information.

3. Access door lock function management (step one)

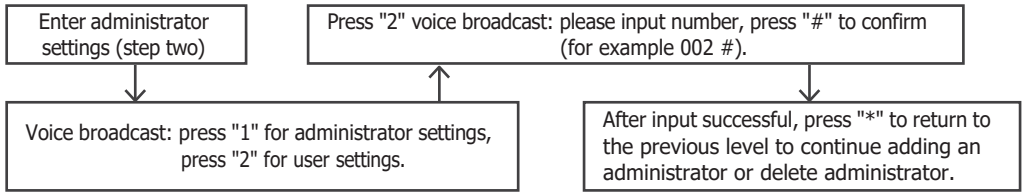


4. Administrator settings

1) Add administrator (step 2)

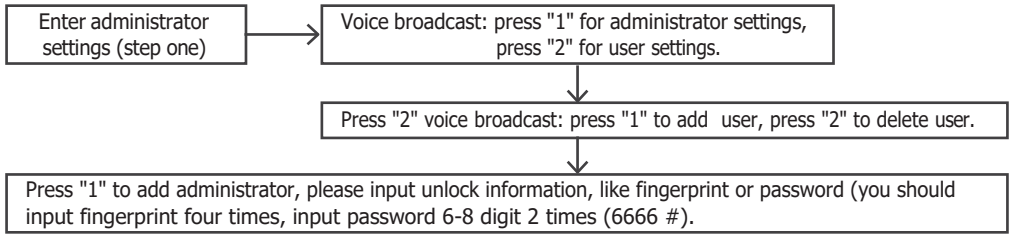


2) Delete administrator information

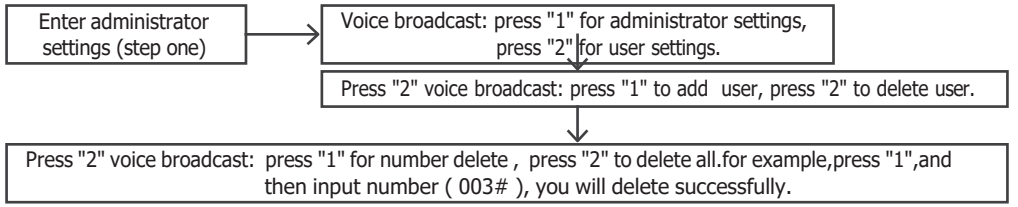


5. Common user setting

1) Add administrator information

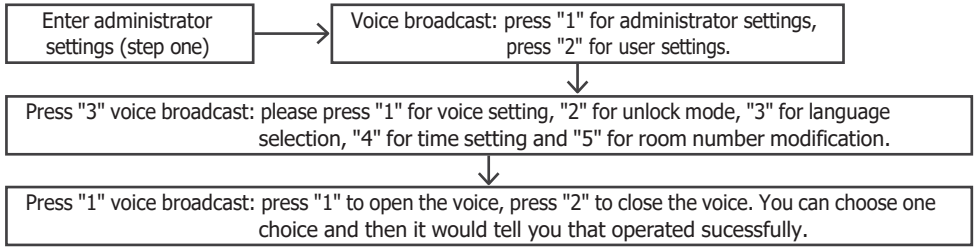


2) Delete user information

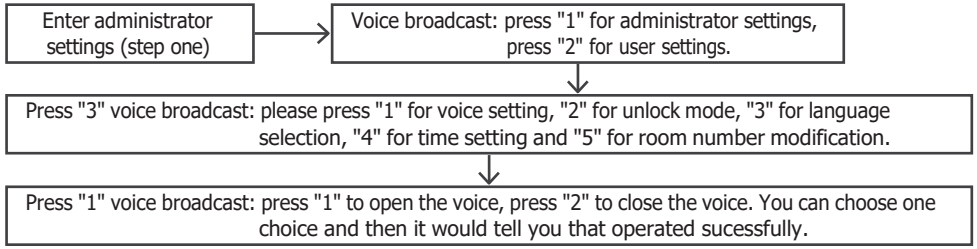


6. System setting

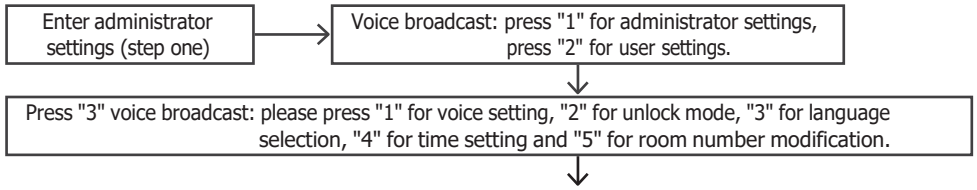
1) Voice setting



2) Unlock mode setting



3) Language setting



Press "3" voice broadcast: press "1" for Chinese, press "2" for English. you can choose one choice and then it would tell you that operated sucessfully.

4) Time setting

Enter administrator settings (step one) → Voice broadcast: press "1" for administrator settings, press "2" for user settings.

↓

Press "3" voice broadcast: please press "1" for voice setting, "2" for unlock mode, "3" for language selection, 4 for time setting, and 5 for room number modification.

↓

Press "4" voice broadcast: it is 11:53,March 4th,2019 now. Please modify based on the format (year-month-day, for example:1903041153), and then press "#" to confirmed, it would tell you that operated sucessfully.

5) Room number modification

Enter administrator settings (step one) → Voice broadcast: press "1" for administrator settings, press "2" for user settings.

↓

Press "3" voice broadcast: please press "1" for voice setting, "2" for unlock mode, "3" for language selection, 4 for time setting, and 5 for room number modification.

↓

Press "5" voice broadcast: room number "8888", please input correct room number (4 numbers) and press # to confirm.

7. Restore factory settings

Initialization state → Voice broadcast: press "1" for administrator settings, press "2" for user settings.

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Press "4" voice broadcast: please input administrator information (123456), press # to confirm. → Successful initialization

8. APP Configuration (Tuya Smart) ; optional

1) Search "Tuya Smart" in App Store or an App market, download and install it.
2) Register using your cellphone number and log in.
3) Click "Security &Sensor", find "Lock(Bluetooth)", click and add a device following instructions before use.
4) Remote unlocking: wake up the screen and press "9"+"#". There will be a voice prompt: requesting remote unlocking.

Add a network

1) Press"*"+"#"to authenticate administrator identity and then press "1" to access administrator settings. Then there will be a voice prompt of pressing "3" for network configuration.
2) Voice prompt in network configuration mode: press "1" for hotspot connection and "2" for intelligent connection.

a) Hotspot connection mode b) Intelligent connection mode

3) When the network is successfully added, the 1st, 2nd, 3rd and 4th lights on the keyboard will be on in order with a voice prompt of "operation completed".
4) In the event of network addition failure, the 1st, 2nd, 3rd and 4th lights on the keyboard will not be on and there will be a voice prompt of "operation failed" upon timeout.

9. Other notes

1) Input the wrong password more than 5 times in a row, the keyboard lock for 30 seconds, it does not respond to any operating system in 30 seconds.
2)Password peeping prevention function: input password as follows when opening the door with password: XXX password XXX; you can add some extraneous codes before and after the password, and then press "#" to confirm. The password must be included in the input contents.
3) If there is no operation more than 10 seconds , system will automatically exit.
4)After the voltage is lower than 4.8v, the lock will automatically alarm every time when it is opened. After the alarm, the lock can be opened for 200 times. After the number of times exceeds, each unlock delay is 5 seconds, new batteries must be replaced before the number of times available.
5) When normal open mode is off, press "5#" successively, and the voice says "please enter unlock information". After entering the unlock information, the voice says "normal open mode, please pay attention to locking".
6) When normal open mode is on, press "5# successively, and the voice says "normal open mode closed".
7) Back locking function: After pressing back locking key, the voice says "the door is locked". Now, ordinary users cannot open it, and only administrators can do so.

10. Technical Parameters

Product Name	Smart lock
Model No	R9
Quiescent current	≤ 50uA
Dynamic current	≤ 180mA
Administrators' number	9
Fingerprint number	110
Fingerprint + password	300
Fingerprint scanner	Semiconductor
Fingerprint contrast time	≤ 0.6Second
Fingerprint identification Angle	360°
False Rejection Rate	≤ 0.1%
False Recognition Rate	≤ 0.0001%
Reaction timer	≤ 0.1 Second
Power type	6V
Emergency powering	5VDC
Working temperature	-25~60℃
Working Relative Humidity	20%~90%RH
Human voice	Yes
KBD	Touch standard 12-bit keyboard
Password Length	6-8bit
Phantom password	16bit
Low voltage alarm	4.8±0.2V
Unlock time	≤ 1Second

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

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 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.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).