KERONG
Electronic Key Instruction

KR-K19-FPBT

TECHNOLOGY CHANGES LIFE

Introduction

Dear customer:

Thank you for purchasing our product. To ensure proper usage of this product, please carefully read this manual before using it.

If you have read the entire manual, we recommend to keep it in a safe place for future reference. This will be beneficial for your continued use of the product.

In the initial state, any fingerprints can unlock the lock. However, once a fingerprint is registered, the lock will only recognize registered fingerprints and not be unlocked by any other unregistered fingerprints.

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1. Product Introduction

1.1 Electronic Key Instruction

① Communication Interface
② LED Indicator
③ Unlock Button
④ Password Keypad
⑤ Confirm
⑥ Type-C Interface
⑦ Fingerprint Reader
⑧ Hanging Hole

Unit: mm

1.2 Electronic Key Accessories

Electronic Key X 1

Type-C Charging Cable X 1

1.3 Electronic Key Basic Parameter

LED Indicator Status Instruction

	Green Light	Correct Operation
	Red Light	Wrong Operation
	White Light	Initialization/Paired
	Blue Light (Flashing)	Low Voltage Alarm
	Blue Light	Configured with Fingerprint/Password

Factory Default Setting

1. Initial Admin Password: 000000
2. Password Valid Only in 6 Digits
3. Fingerprint Capacity: 0-9
4. Buzzer Setting: ON
5. Alarm Setting: ON
6. With Attack Protection Activated

Tips:

Attack Protection:

After fingerprint recognition entered 5 times or password wrongly entered 3 times (4 or more digits are incorrectly entered consecutively each time) continuously, the system will be locked and with attack protection alarms. The alarm can be canceled automatically after 180s; otherwise, it can logo the APP and send the unlocking command to cancel.

1.4 Electronic Key Basic Operation

1.4.1 Unconfigured Mode to Unlock

No need to input any Fingerprint/password, it can click the "Unlock Button" on the key to activate the key.

Then the Blue light on the key will shin, during the shining, it can insert the key into lock to unlock directly.

2.Two Operation Methods

2.1 Setting & Operation with the Keypad of Electronic Key

2.1.1 Unconfigured Mode to Unlock

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "1", the blue light will continue to flash.

3. Input the "New User Fingerprint" 4 times (during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user fingerprint is added successfully.

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "2", the blue light will continue to flash.

3. Input the "New User Password #" twice (during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user password is added successfully.

Tips:

① Password Valid Only in 6 Digits

② Password Capacity: 50

③ Fingerprint Capacity: 50

④ When the key is in unconfigured mode or being activated, after waking up the screen by any button or fingerprint, the LED will shine blue, after the key is configured with fingerprint/password, after waking up by pressing any button or fingerprint, the LED will shine blue light

2.1.2 Add Fingerprint & Password

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "1", the blue light will continue to flash.

3. Input the "New User Fingerprint" 6 times (during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user fingerprint is added successfully.

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "1", the blue light will continue to flash.

3. Input the "New User Password #" twice (during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user password is added successfully.

Tips:

① Password Valid Only in 6 Digits

② Password Capacity: 50

③ Fingerprint Capacity: 50

④ When the key is in unconfigured mode or being activated, after waking up the screen by any button or fingerprint, the LED will shine blue, after the key is configured with fingerprint/password, after waking up by pressing any button or fingerprint, the LED will shine blue light

2.1.3 Change Fingerprint & Password

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "2", the blue light will continue to flash together with one beep buzzer. Then input "2", the buzzer will beep once again together with the blue light flashing.

3. Input the "Old User Fingerprint" once during the flashing, then the buzzer will long beep for once, and the LED light will shin from green to blue.

4. Input the "New User Fingerprint" 6 times (during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user fingerprint is changed successfully.

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "2", the blue light will continue to flash together with one beep buzzer. Then input "2", the buzzer will beep once again together with the blue light flashing.

3. Input the "Old Admin/User Password # during the flashing, then the buzzer will long beep for once, and the LED light will shin from green to blue.

4. Input the "New Admin/User Password # twice (during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user password is changed successfully.

2.1.4 Delete Fingerprint & Password

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "3", the blue light will continue to flash together with one beep buzzer. Then input "1", the buzzer will beep once again together with the blue light flashing.

3. Input the "User Fingerprint" during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user fingerprint has been deleted well.

1. Input "0 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "3", the blue light will continue to flash together with one beep buzzer. Then input "2", the buzzer will beep once again together with the blue light flashing.

3. Input the "User Password # during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user password has been deleted well.

Delete All Fingerprints & Passwords

1. Input "2 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "1", the blue light will continue to flash together with one beep buzzer. Then input "1", the buzzer will beep once again together with the blue light flashing.

3. Input the "User Fingerprint" during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user fingerprint has been deleted well.

1. Input "2 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue. Then input "1", the blue light will continue to flash together with one beep buzzer. Then input "1", the buzzer will beep once again together with the blue light flashing.

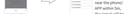
3. Input the "User Password # during the flashing, then the buzzer will long beep for once, and the green light will shin for 1s, indicating that the user password has been deleted well.

2.1.5 Initialize the Electronic Key

1. Input "2 #", the buzzer will long beep for once, and the blue light will flash.

2. During the flashing, input the "Admin Password #", the buzzer will long beep for once, and the LED light will shin from green to blue.

3. Input "# #" during the flashing, the blue light will continue to flash together with one beep buzzer. Then input "# #", again, and the LED light will shin from green to blue and turn to white light. The buzzer will long beep for once, and the LED light will shin for 1s, indicating that the key initialization is successful.



2.2 Setting & Operation with the Bluetooth APP

2.2.1 APP Download & Install

1. Scan the QR code below to download the APP. (Tips: It can also download the APP from APP Store / Google Play.)

2. Download finished, then install the APP on your phone device.

3. Open the Bluetooth on the phone and log in directly, no need email or phone number account.

2.2.2 Language Change & "My" Interface Instruction

2.2.3 Add the Electronic Key

2.2.4 Add the Lock

-2.2.5 Function Menu Instruction

Main Function Menu

Lock Status Checking Menu

① Key Rename Setting:
Rename electronic key according to personal preference

② Alarm Setting:
Attack protection alarm activates & deactivates setting (Activate as default)

③ Time Check:
Make the electronic key clock same as phone/real time

Key Function Setting Menu

① Key Initialization:
Key unlock setting and key function setting will be back to factory default, the app will be disconnected, but the lock paired before still exists

② APP Version No.:
The key program version (software version) and the key PCB version (hardware version)

③ Homing Code Change:
Same as verification code, used to pair the electronic key and APP. Once received and bound the electronic key, please change this code first

④ Buzzer Setting:
The electronic key operation sound activates & deactivates setting (Activate as default)

⑤ Key Log:
The electronic key operation records

⑥ Key Location:
After clicking this function, the related key will beep to inform the user where it is

⑦ Exit Connection:
Exit the connection between the APP and the current electronic key

⑧ Cancel Pairing:
Same as Key Initialization to reset the electronic key

-2.2.6 Key Unlock Setting

The Electronic Key Fingerprint/Password Settings

Delete All Passwords

Delete All Passwords and Fingerprints

Click "Delete all passwords " and confirm to delete all passwords.

(The initial admin password will not be deleted, but if the initial admin password has been changed, it will also be deleted)

Click "Delete all passwords and fingerprints " and confirm to delete all passwords and fingerprints.

(The admin password will be back to the initial admin password, and cannot be deleted)

-2.2.7 Lock Core Setting

Paired Lock List

(Tips: Before searching, please insert the electronic key into the lock wanted to check to refresh first.)

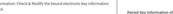
① KEY: The bound key code name and ID number

② CORE: The current lock code name and ID number

③ Authorization: The permission level of the bound electronic key (Admin/User)

④ The Paired Key Quantity: The bound electronic key quantity to the current lock

Lock Core Menu


Lock Core
Lock Core Name: Door 1
Lock Core ID: 00000001
Lock Core Type: Door Lock
Lock Core Battery: 100%
Lock Core Firmware Version: V1.0
Lock Core Hardware Version: V1.0
Lock Core Bound Key Quantity: 1
Lock Core Bound Key Quantity Limit: 100
Lock Core Bound Key Quantity Limit Left: 99
Lock Core Bound Key Quantity Limit Left Percentage: 99%
Lock Core Bound Key Quantity Limit Left Status: Normal
Lock Core Bound Key Quantity Limit Left Alarm Threshold: 10
Lock Core Bound Key Quantity Limit Left Alarm Threshold Status: Disabled
Lock Core Bound Key Quantity Limit Left Alarm Threshold Value: 10
Lock Core Bound Key Quantity Limit Left Alarm Threshold Value Unit: %

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.