Digital door lock
Model DL6110

DL6110
User manual

*The contents of this user manual are subject to change without prior notice to the user in order to enhance performance of the products.

INDEX

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Read before using

How to use

How to set

✓ Product features

No.	Items	Sub-items	Specification
1		Fingerprint	100 pcs
2		Password	150 pcs
3	Unlock way	Card	150 pcs
4		Bluetooth key	Unlock via Hafele Smart Living App
5		Mechanical key	2 Keys
6		Working voltage	4 pieces of 1.5V AA alkaline battery
7	Power supply	Low voltage alarm	4.6V - 4.8V
8		Back-up power supply	5V USB Type - C Port
9		Working temperature	-20 ℃ - 66 ℃
10	Work environment	Working humidity	5 - 95%RH
11		Anti-static	Air discharge 15KV; Contact discharge 8KV
12	Storage environment	Storage temperature	-40 ℃ - 80 ℃
13		Relative humidity	5 - 95%RH
14	Door thickness	Standard	30 - 50mm

✓ Product Specification

Exterior Panel

154.4 ± 1

275 ± 1

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1 2 3
4 5 6
7 8 9
* 0 ♔

Touch Keypad

Card Reader Area

Fingerprint Sensor

Exterior Handle

136 ± 1

14.8 ± 1

69.7 ± 1

20 ± 1

Mechanical Key Hole

Type-C USB
Power Supply
Socket

Type-C USB
Power Supply
Socket

Mechanical Key Hole

Interior Panel

Battery Case

Screw Hole

Reset Button

Interior Handle

Privacy Button

Screw Hole

275 ± 1

🔓
🔒

Battery Cover

65 ± 1
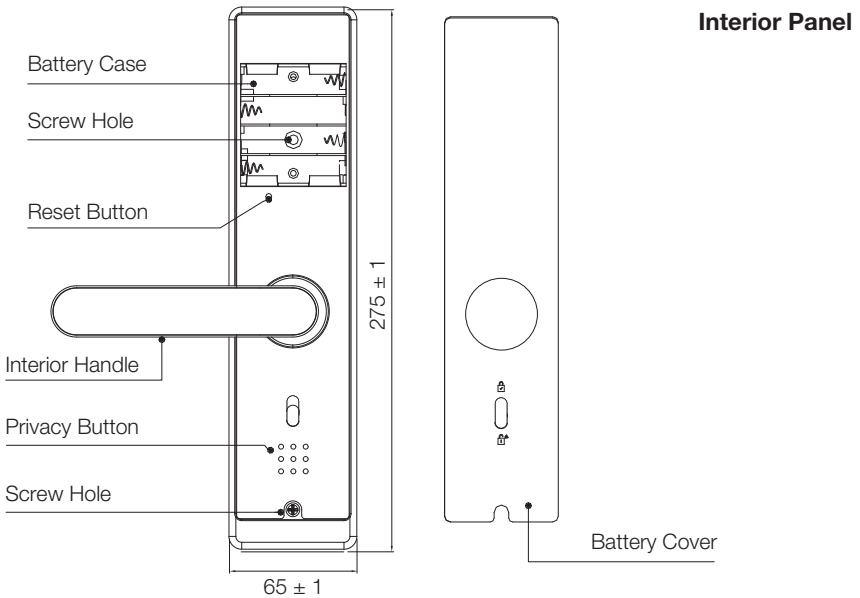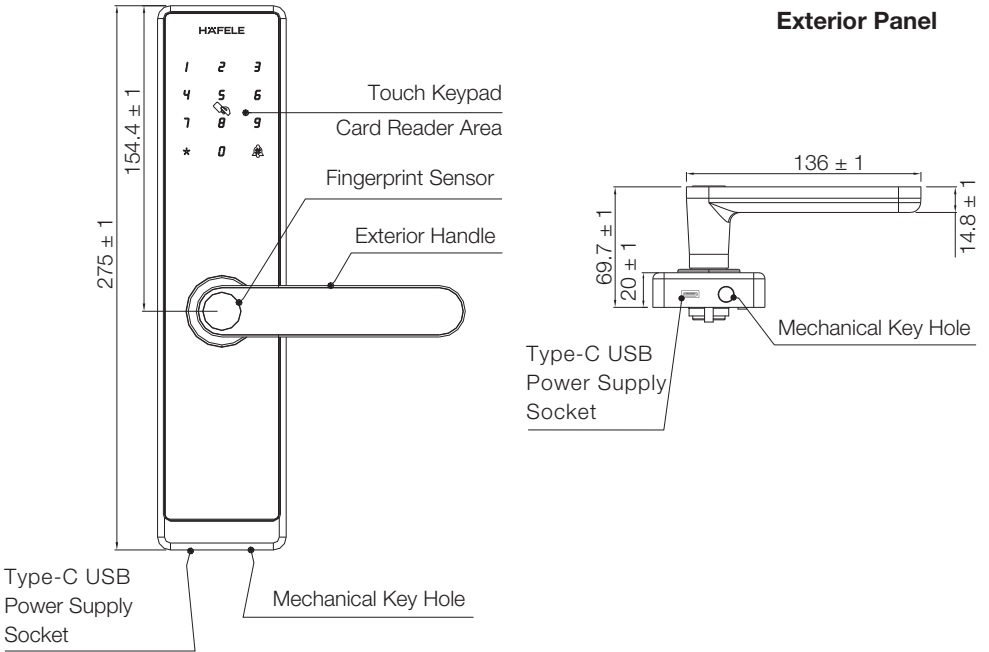
How to unlock by key
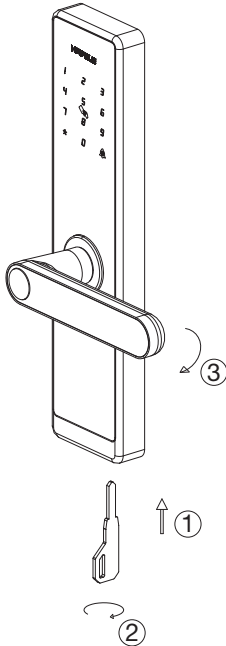
1. Insert the key into the key hole at bottom of Exterior panel.

2. Turn it to the left-side by 90°.

3. Press down the handle to open the door.

⚠ CAUTION

Do not press down the handle while rotating the mechanical key. Otherwise, this incorrect operation may get the lock broken. Always rotate the mechanical key first, then press down the handle to open the door.

How to use emergence power supply
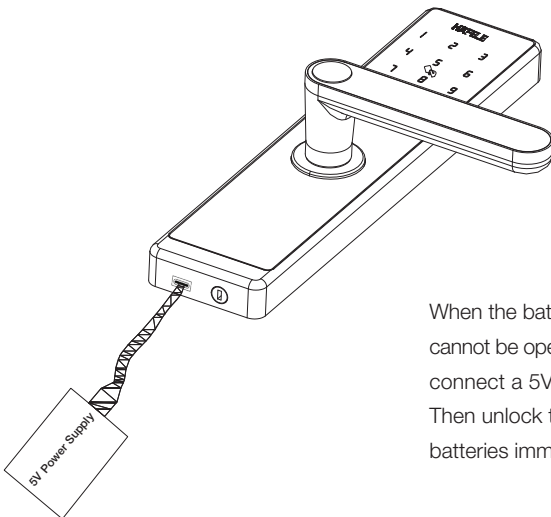
When the battery is too low or completely dead and the lock cannot be opened from outside by inputting user identification, connect a 5V power supply via USB port on exterior panel. Then unlock the door with user identification and replace all batteries immediately.

✔ How to install and replace battery
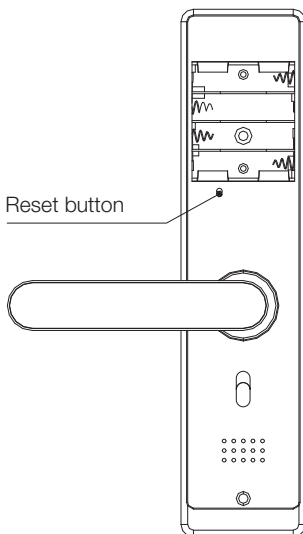

Step 1   Step 2
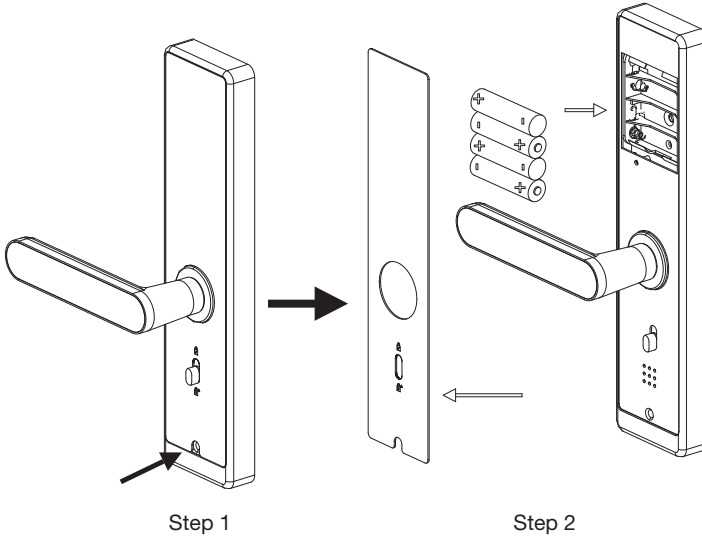
1. Remove battery cover from the interior panel.

2. Install 4 pieces of AA alkaline battery into the battery case.

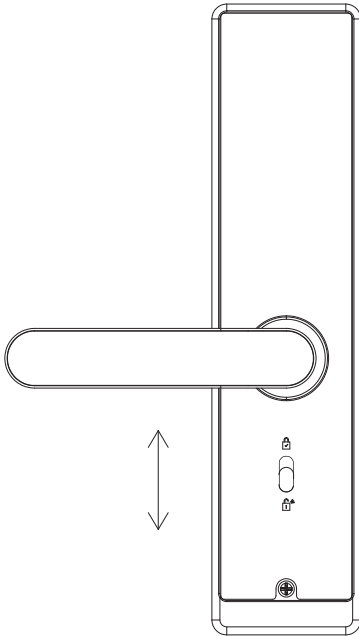3. Re-install the battery cover.

⚠ CAUTION

1. Pay attention to the positive and negative pole when install the battery.

2. Do not mix new and old batteries.

✔ How to restore to factory default settings

Reset button

Keep pressing the reset button till hear voice prompt "Initialize system. System has been emptied".

✔ Privacy mode

When switch to " 🔒✓ ", privacy mode is turned on. Only the first administrator PIN code that registerfrom the lock, dynamic PIN code created by administrator on APP and mechanical key can unlock the door from outside. User data is prohibited.

When switch to " 🔓 ", privacy mode is turned off. All of admin and user data and mechanical key can unlock the door from outside.

⚠ CAUTION

1. If the lock is in the passage mode, when turn on the privacy mode the passage mode will be turned off automatically.
2. When privacy is turned on, passage mode cannot set on both of the lock and APP.

✔ Operation Instruction

Function of key

1. Key " 🔔": (1) When system is in sleep mode, press key " 🔔 " for door bell:

   (2) After finish inputting password, press key " 🔔 " for confirmation.

2. Key " * " is return/ escape key.

*Importance: First step is to set your own administrator password before connect the lock with Hafele Smart Living App.

✔ How to set master password

(1) Touch keypad to wake up system.

(2) Press key" * "+"🔔 ", voice prompt "Please register administrator, please enter your password".

(3) Input 6-8 digits for administrator password and press " 🔔 " to confirm, and then input the same password

   again and press "🔔" to confirm.

Noted:

1. PIN code register is not complete when you hear the voice prompt "Inconsistency password, register failed". Please enter the password again.

2. Administrator data is for entering the setting menu and can also be used for unlocking the door.

3. The lock setting will allow to add only 1 set of Admin PIN code, If you would like to add more administrator data please perform this action via application on the smart phone. It will allow you to add the Fingerprints / Cards or PIN codes.

✔ How to set user password

(1) Touch keypad to wake up system.

(2) Press key" * "+"🔔 " + administrator password +"🔔 ".

(3) Input 6-8 digits for user password and press " 🔔 " to confirm, and then input the same password again\ and press " 🔔 " to confirm.

Noted:

1. PIN code register is not complete when you hear the voice prompt "Inconsistency password, register failed". Please enter the password again.

2. User data will only be used for unlocking the door and cannot access the settings menu.

✔ How to set user fingerprint

(1) Touch keypad to wake up system.

(2) Press key" * " + " 🔔 " + administrator password +"🔔".

(3) Input fingerprint and follow the voice prompt to finish setting fingerprint.

Noted:

1. Make sure your fingers are clean and dry before using the fingerprint reader. Dirt, oil, and moisture can interfere with recognition.

2. User data will only be used for unlocking the door and cannot access the settings menu.

✓ How to set user key tag

(1) Touch keypad to wake up system.

(2) Press key" * " + "🔒" + administrator password + "🔒".

(3) Input key tag and follow the voice prompt to finish setting key tag.

✓ How to turn on passage mode

(1) Input enrolled fingerprint, password or key tag, hear voice prompt "lock opened".

(2) Press key "2" + "8"

(3) Voice prompt "Passage mode"

✓ How to turn off passage mode

When passage mode is turned on, input any enrolled fingerprint, user password or key tag can turn

of passage mode automatically.

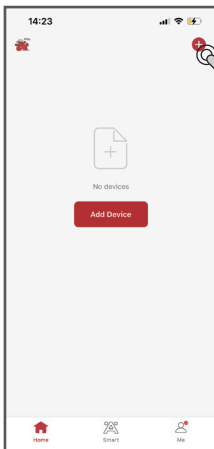## ✓ How to connect the lock to APP

Hafele Smart Living
The lock supports Bluetooth protocol. You can manage your lock by connecting app.
Search "Hafele Smart Living" in the app market or scan the QR code below to get
the app.

⚠ CAUTION

First step is to set your own administrator password before connect the lock with
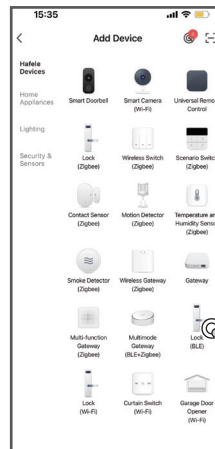Hafele Smart Living App.

Download on the App Store   Google Play

Smart Home Platform

Step 1

Open "Hafele Smart Living"
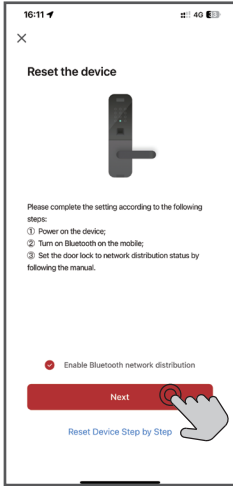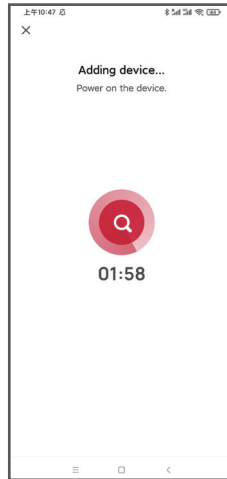APP, click to add device.

Step 2

Choose "Hafele Devices"
> Lock (BLE).

✓ How to connect the lock to APP
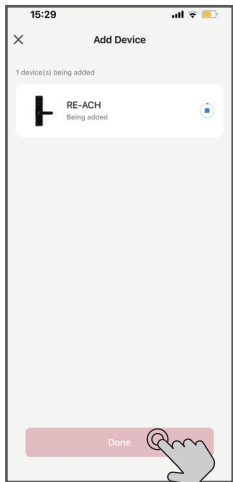
Smart Home Platform

Step 3
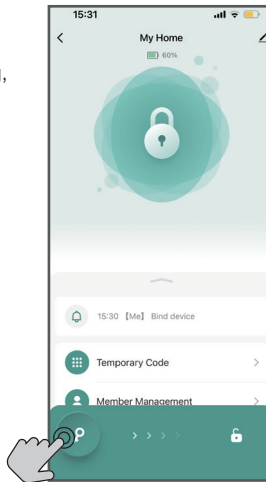Click"Enable Bluetooth network distribution" > "Next".

Step 4

While searching for adding device, operate on the smart lock as following:

(1) Touch keypad to wake up system.

(2) Press key "*" + "🔔" + administrator password to verify administrator.

(3) The device will show on the APP for pairing.

**Step 5**
After finishing pairing, click "Done".

Remotely unlock
You can swipe the icon to unlock via Bluetooth, and manage your device on your phone.

✓ Associated Users

Associate the user information set on the lock with the APP member

If an user 's fingerprint/ code/ card had been added on the lock, you can associate user's unlock information with the member on the App as following. A maximum of 254 unlocking information can be associated.
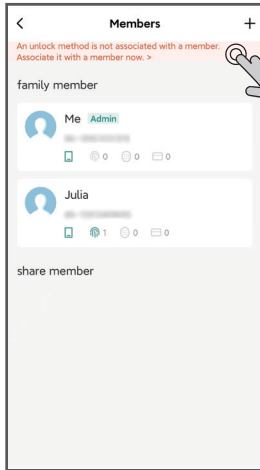
Step 1

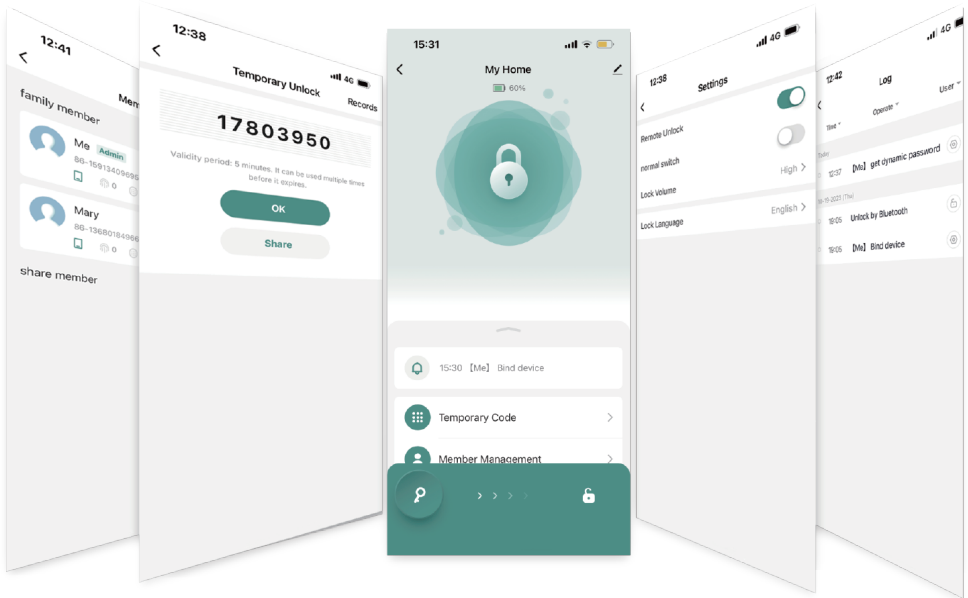Click "An unlock method is not associated wtih a member.
Associate it with a member now".
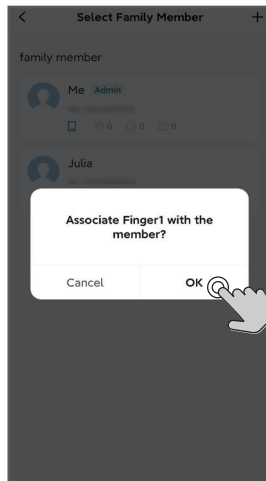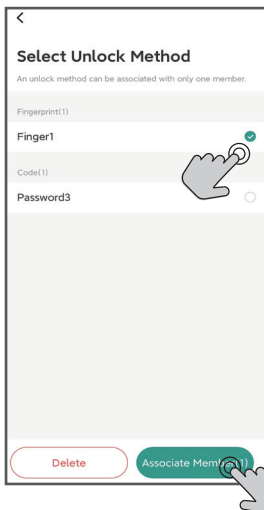
Step 2

Select the unlock method and click "Associate Member"→ Choose a member → "OK".

✓ Basic functions of the app

Introduction to some functions

You can manage almost the full functionality of your lock on your phone.

- Administrator data management

- User data management

- Unlock records

- Member management

- Dynamic password

- System language & volume

For more functions, please refer to the APP.

Daily maintenance

1. Do not expose the product to corrosive substances to avoid damage to the protective cover.

2. When cleaning the product, please wipe with a soft cloth.

3. If there is a low battery alert, please replace all the batteries in time and make sure they are properly installed.

4. Do not expose the product and accessories to rain or water.

5. Only use alkaline batteries. And it is not recommended to use special battery such as EVOLTA, etc.

6. Do not scrape the fingerprint sensor with any sharp objects, otherwise it may cause permanent damage.

7. If damage is caused by failure to follow this instructions, the warranty does not apply.

FAQ

Fault Phenomenon	Possibility Failure Analysis	Solution
The fingerprint is added successfully, but it is often reported "verification failed" when using the fingerprint to unlock the door or enter the system menu.	The scratch-proof film of fingerprint sensor is not torn off, the fingerprint imaging quality is too low, or the finger is too wet.	1) Tear off the scratch-proof film from fingerprint sensor. 2) Add more users with different angles or positions of a same finger. 3) Dry your finger and add the fingerprint again.
There is an alarm when unlock the lockset.	The power has almost run down after long period of usage.	Please replace the battery in time.
The door cannot be opened after successful verification under normal usage.	1. System failure. 2. Lockcase clutch failure.	Lift up and press down the handle repeatedly. If the lockset is still not able to be unlocked, please use mechanical key to open the door and contact Hafele customer service for solution.

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