# HÄFELE

Digital door lock
Model DL6600
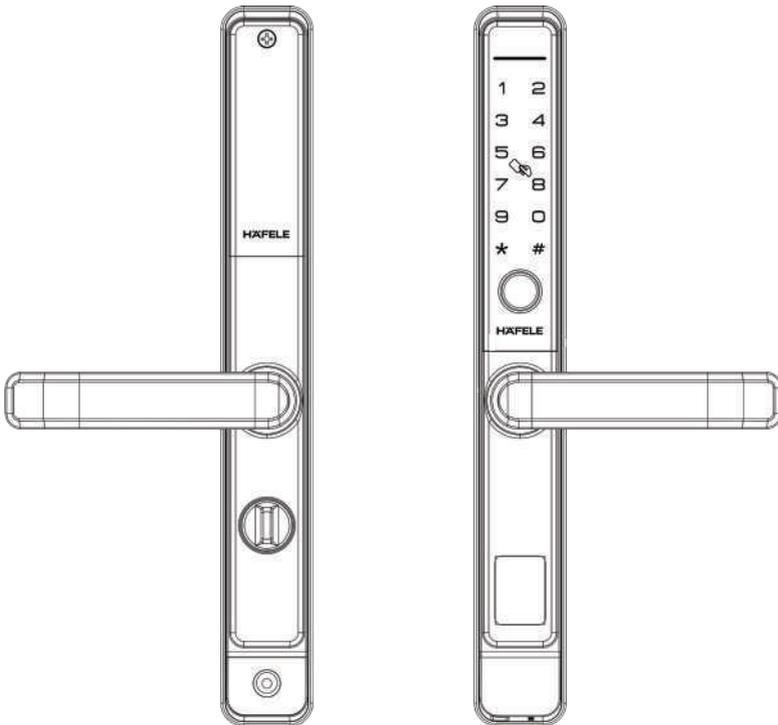
DL6600
Installation guide & User manual

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

Contents

Read before using

Installation guide

Lock settings

Read before using

Product features

5WAY OPEN
Five way unlocking
Fingerprint, PIN code, Key card, Hafele Smart Living App and emergency key.

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1 2 3 4 5 6 / fingerprint / CARD
Capacity 300 Users (9 Admins, 291 normal users)
Normal users can be classified as follows: 97 PIN codes, 97 key cards, 97 fingerprints

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1 2 3 4 5 6
Random security coding function
The random number can be added before and after the real user PIN code but the maximum length is 32 digits. This feature will prevent the real user PIN code from being exposed.

Auto / Lock up
Auto lock/Auto re-lock function
After unlocking, the lock automatically lock again within 5 seconds
(Passage mode is disabled).

⚠ CAUTION

For sliding mortise, please always lift up the handle to lock the door every time due to there is no any latch on the mortise to auto-lock when you closing the door.

Privacy & Safe handle function
When the Privacy function is activated the door cannot be opened from outside except by mechanical key. The inside handle will be locked and user cannot press the handle to open from indoor.

Prevent mischief and hacking
When entering 5 times a wrong user PIN code, key card and fingerprint within 5 minutes, the lock is suspended for 90 seconds. After that time, the lock will activate again.


Indicate
Alarm for battery replacement time
When the power of battery is too low, a warning voice will appear. From the fisrt alarm, the door lock can be unlocked for 200 times. Please replace all batteries immediately.

Warnings

* Read and understand all instructions before use.
* If damage is caused by failure to follow this instructions, the warranty does not apply.
* Only use alkaline batteries. And it is not recommended to use special battery such as EVOLTA, etc.
* Do not expose the product and accessories to rain or water. Even though the device can be protected from water at the level of IP35.
* Do not expose the product to corrosive substances to avoid damage to the protective cover.
* Do not scrape the fingerprint sensor with any sharp objects, otherwise it may cause permanent damage.
* When cleaning the product, please wipe with a soft cloth.
* If there is a low battery alert, please replace all the batteries in time and make sure they are properly installed.

Product specifications

Inside panel

Outside panel

Battery cover

Touch keypad

Card reader area

Fingerprint sensor

Inside handle

Outside handle

Privacy switch/
Safe handle switch

Key cylinder

Emergency USB power supply
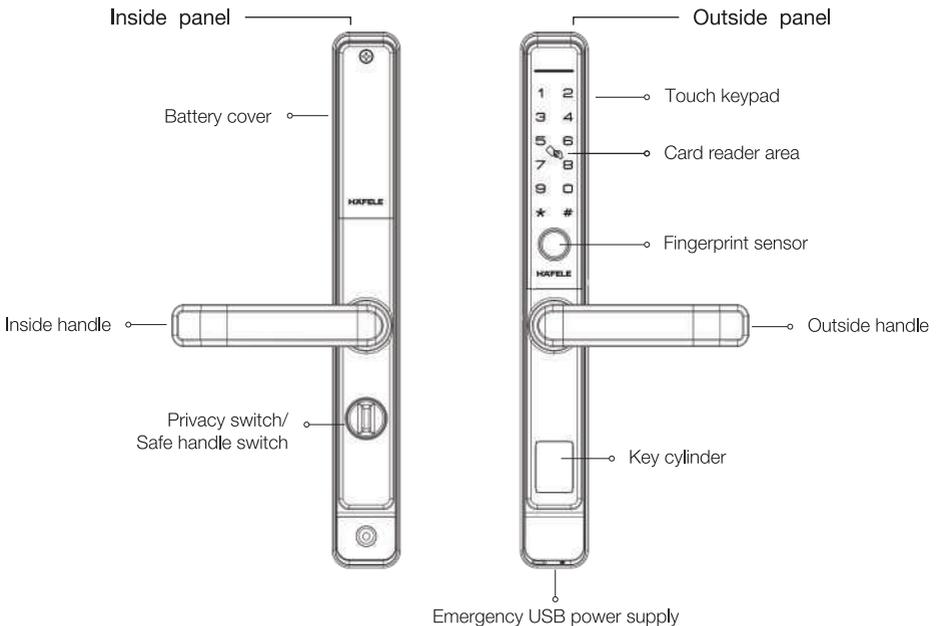
⚠ CAUTION

1. You can follow the voice guide in multiple languages (English/Chinese)
2. Initial state, the initial PIN code is "123456" or any fingerprint can open the door
3. Admin user: Combination of PIN code, card and fingerprint is total 9 admins.
4. User PIN code (6-12 digits): Maximum capacity is 97.
5. User card: Maximum capacity is 97.
6. User fingerprint: Maximum capacity is 97.

Components
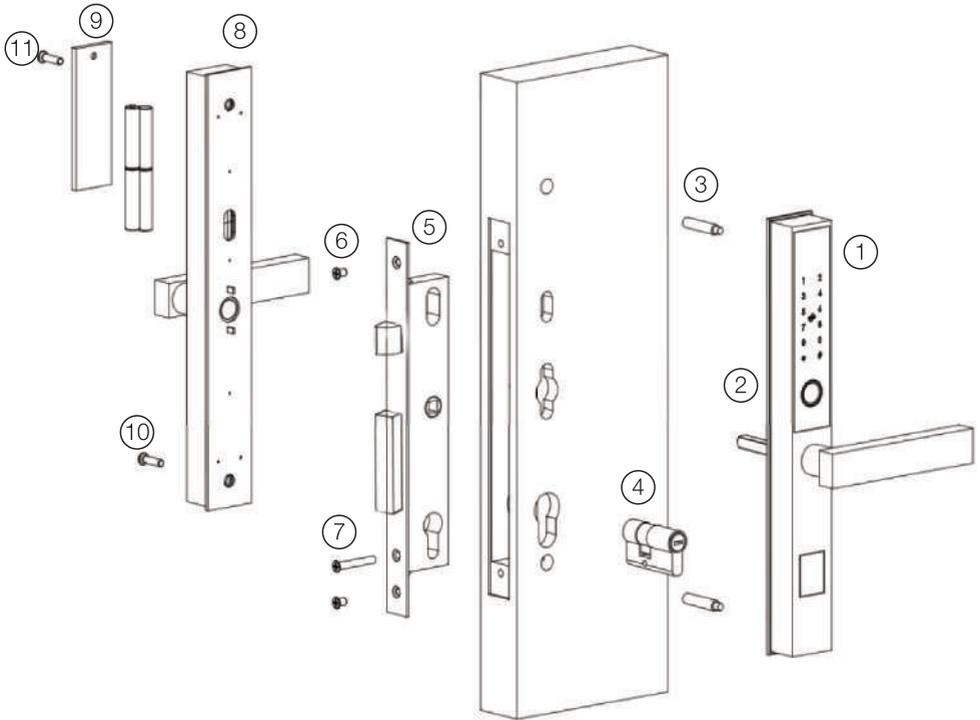
1. Front panel (1pc)
2. Spindle (1pc)
3. Connection bolt (2pcs)
4. Cylinder (1pc)
5. Mortise (1pc)
6. Mortise fixing screw (2pcs)
7. Cylinder fixing screw (1pc)
8. Back panel (1pc)
9. Battery cover (1pc)
10. Back panel screw (2pcs)
11. Battery cover fixing screw (1pc)

Preparing for installation

Change latch direction (Inward/Outward mortise only)

1. Push the "bolt switcher" to the top side.

2. Press in the latch bolt.

3. Turn round the latch bolt 180°.

5. Push the "bolt switcher" to the end.

4. Pull out the latch bolt.
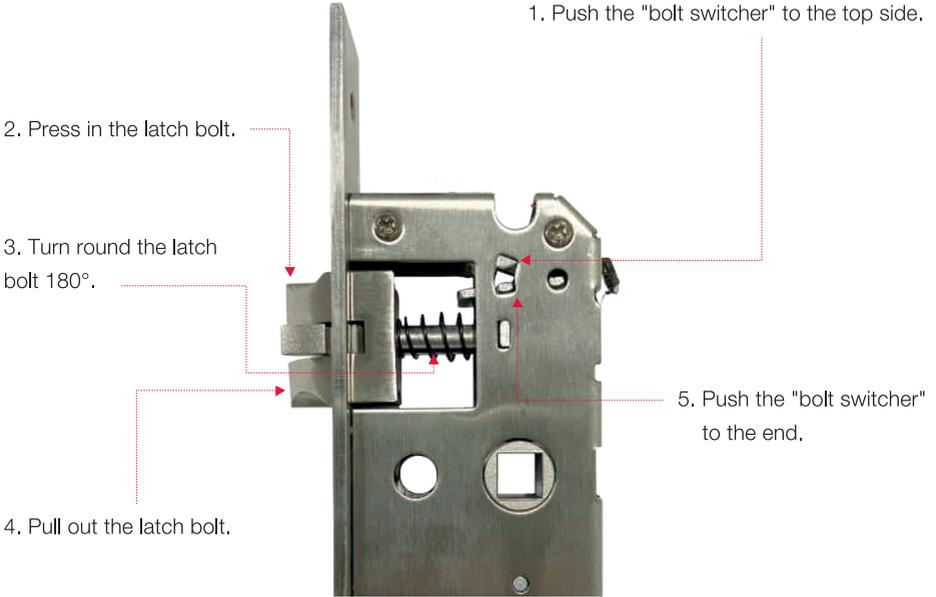
Change handle direction (For inside and outside panel)

1. Loosen the screw in the red mark, until handle is movable.

2. Rotate the handle to the proper direction.

3. Tighten the screw to fix the handle

Installation steps

Step 1:

Install the mortise and cylinder
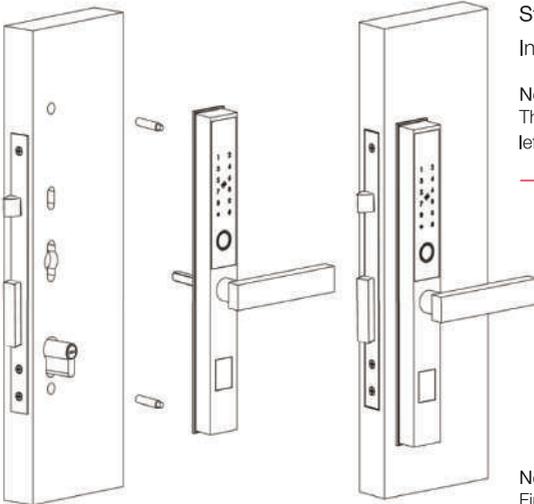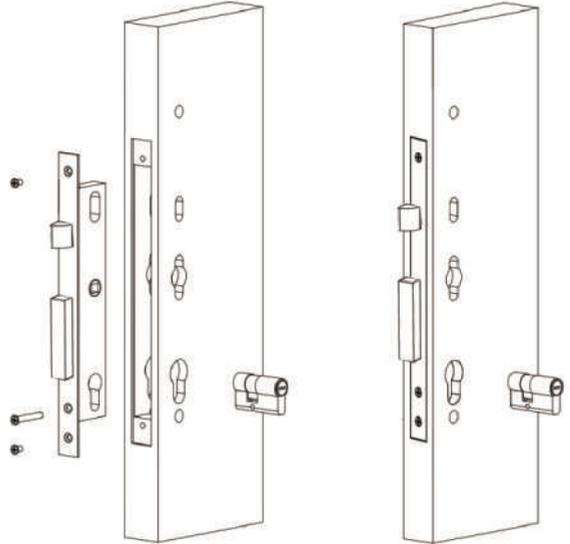
Step 2:

Install the front panel

Note:
The arrow mark must be aligned with the right or left open direction arrow mark
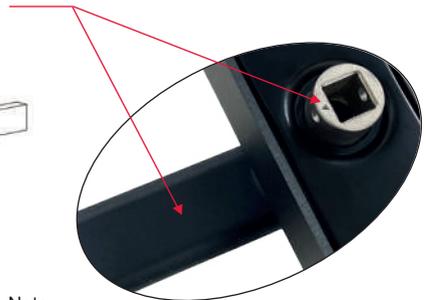
Note:
Firstly, install the connection bolts on the front panel. Second, install the front panel to the door (Connect the wire correctly. Do not misplace the matching holes)

Installation steps

Step 3:
Install the back panel
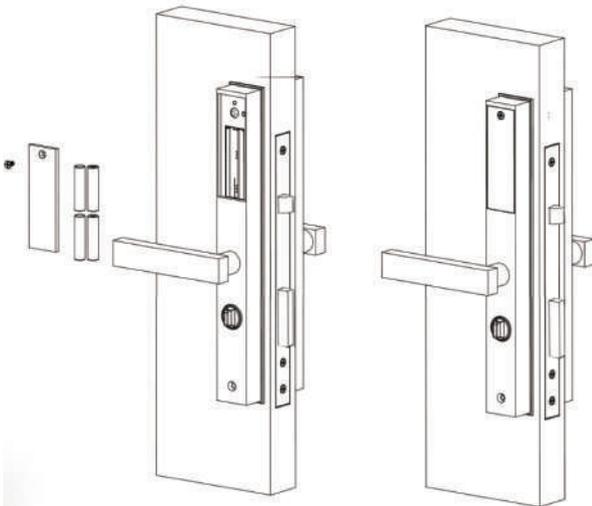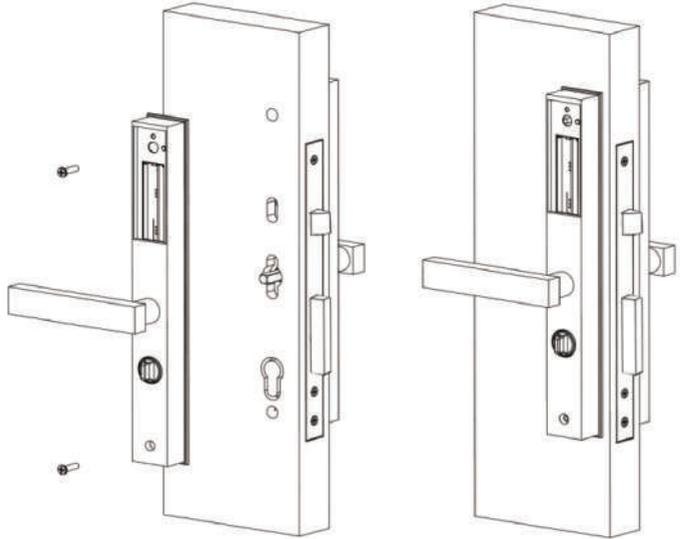
Step 4:
Install the batteries

Installation steps

Step 5:

Check the operation, and
finish the installation
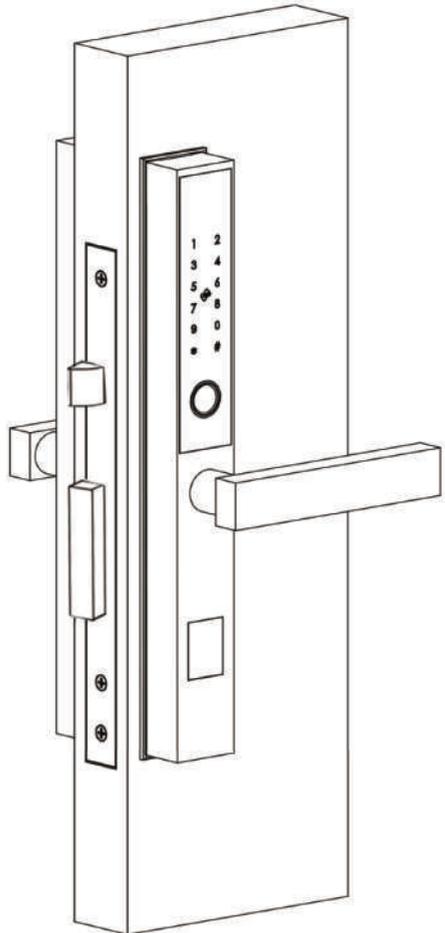
Lock Settings

Factory default settings

Settings	Factory defaults
Password	123456
Opening mode setting	Normal mode
Speaker	Enabled
Wrong code entry limit	5 times
Shutdown time	90 seconds
Voice guide language	English

*Important: First step is to set the Admin PIN code/key card/ Fingerprint.

Quick setup guide

IN	Input key by pressing * then # or you can press 'set' button at the inside panel		**AM**	Admin key input which can be PIN code, card or fingerprint
(fingerprint icon)	Enter fingerprint		**UP**	User PIN code
✱	Star key, return to previous menu		CARD	Enter card
(touch icon)	Touch the screen to activate lock		**#**	Plus Key, enter/confirm

Note:
- The initial password is "123456", or any fingerprint can open the door.
- After setting the Admin PIN/ Card/ Fingerprint, the initial password will be deleted automatically

Adding the first admin

Admin PIN code

👆 ➡ **IN** ➡ Input PIN code 6-12 digits ➡ **#** ➡ Enter same PIN code again ➡ **#**

Admin card

👆 ➡ **IN** ➡ CARD

Admin fingerprint

👆 ➡ **IN** ➡ 🔳 X4

⚠ CAUTION

1. After adding the admin, the initial password will be automatically invalid.
2. The first admin(001) cannot be deleted unless reset to factory setting.
3. Admin data is for entering the settings menu and Can also be used for unlocking the door.

Adding next admin

Admin PIN code

👆 ➡ **IN** ➡ **AM** ➡ **4** ➡ Input PIN code 6-12 digits ➡ **#** ➡ Enter same PIN code again ➡ **#**

Admin card

👆 ➡ **IN** ➡ **AM** ➡ **4** ➡ CARD

Admin fingerprint

👆 ➡ **IN** ➡ **AM** ➡ **4** ➡ 🔳 X4

⚠ CAUTION

1. Total 9 admins can be added.
2. The system will automatically add users in sequence (002-009)
3. Admin data is for entering the settings menu and can also be used for unlocking the door.

Adding user

User PIN code

👆 ➡ IN ➡ AM ➡ 1 ➡ Input PIN code 6-12 digits ➡ # ➡ Enter same PIN code again ➡ #
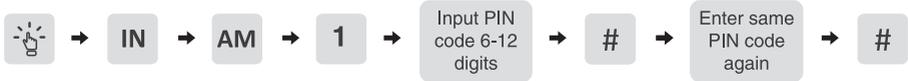
User card

👆 ➡ IN ➡ AM ➡ 1 ➡ CARD

User fingerprint

👆 ➡ IN ➡ AM ➡ 1 ➡ 🔂 X4
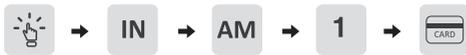
⚠ CAUTION

1. Up to 97 each type of user can be added.
2. The system will automatically add users in sequence (010-300)
3. User data will only be used for unlocking the door. Cannot access the settings menu

Deleting admin/user

Admin/User PIN code

👆 ➡ IN ➡ AM ➡ 2 ➡ Input PIN code to be deleted ➡ # ➡ Lock will reconfirm sequence ➡ Press '#' if the sequence is correct

Admin/User card

👆 ➡ IN ➡ AM ➡ 2 ➡ Card to be deleted ➡ Lock will reconfirm sequence ➡ Press '#' if the sequence is correct

Admin/User fingerprint
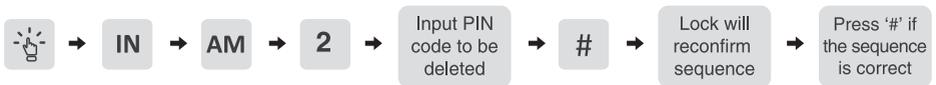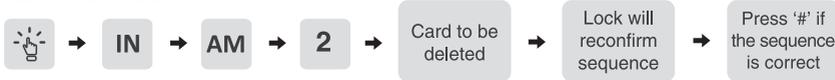
👆 ➡ IN ➡ AM ➡ 2 ➡ Fingerprint to be deleted ➡ Lock will reconfirm sequence ➡ Press '#' if the sequence is correct
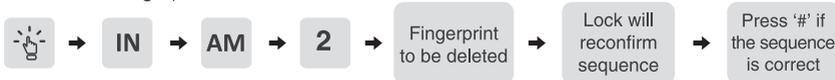
⚠ CAUTION

1. You can input sequence to be deleted instead of entering PIN code, card or fingerprint.
2. The first admin(001) cannot be deleted unless the lock is reset to factory setting.

Passage mode

🔆 ➡ **IN** ➡ **AM** ➡ **3** ➡ **1** ➡ **1**

⚠ CAUTION

1. After enable passage mode please verify PIN code or card or fingerprint to activate passage mode.

2. While in the passage mode you can verify PIN code or card or fingerprint or press '#' to lock the door. And when you verify PIN code or card or fingerprint again lock will back to passage mode.

3. To disable passage mode, please redo above step again.

Double verification mode

🔆 ➡ **IN** ➡ **AM** ➡ **3** ➡ **1** ➡ **2**

⚠ CAUTION

1. You can use duplicate verify or difference verify to unlock the door in this mode.
2. The admin's verification will unlock the door within one step.
3. To disable double verification mode, please redo above step again.

Mute lock sound

🔆 ➡ **IN** ➡ **AM** ➡ **3** ➡ **1** ➡ **4**

⚠ CAUTION

1. After enable mute function, touch keypad sound and lock/unlock voice will be muted.
2. To disable mute function, please redo above step again.

Volume setting

🔆 ➡ **IN** ➡ **AM** ➡ **3** ➡ **2** ➡ **1** or **2**

1 Volume up   **2** Volume down

Language setting

🔆 ➡ **IN** ➡ **AM** ➡ **3** ➡ **3** ➡ **1** or **2**

1 | Chinese   **2** | English

Time setting

🔆 ➡ **IN** ➡ **AM** ➡ **3** ➡ **4** ➡ Lock will broadcast the current time ➡ Input A.D. year i.e. 2022 ➡ **#**

➡ Input month i.e. 03 ➡ **#** ➡ Input day i.e. 27 ➡ **#** ➡ Input hour i.e. 22 ➡ **#** ➡

➡ Input minute i.e. 04 ➡ **#**

Lock operation

Menu table

1
Add user

2
Delete user

3
Lock setting ▶▶

4
Add admin

1. Function setting
  1. Enable/Disable passage mode
  2. Enable/Disable double verify mode
  3. Enable/Disable anti-burglar alarm (Not avaible for this model)
  4. Enable/Disable mute lock sound

2. Volume setting
  1. Volume up
  2. Volume down

3. Language setting
  1. Chinese
  2. English

4. Time setting
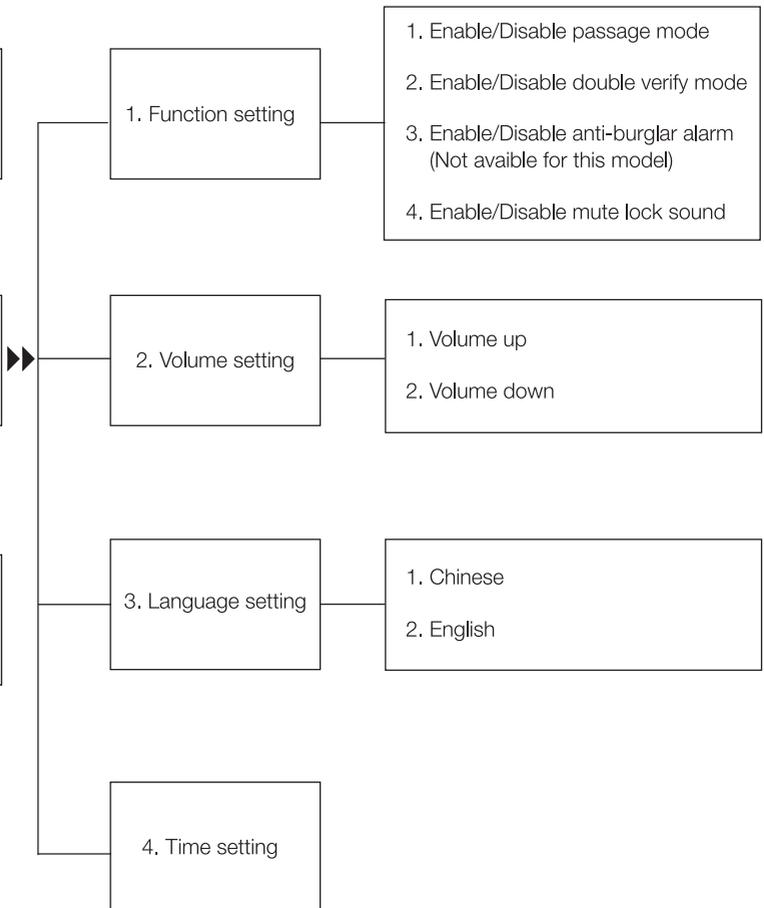
Open & Lock the door

How to open the door from inside
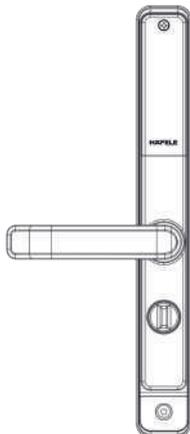
Door handle
Press down the handle to open the door

How to lock the door
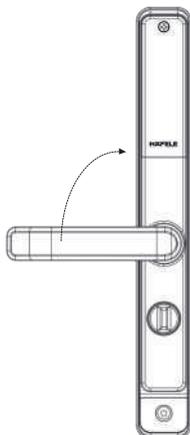
For Inward/Outward mortise
When the door is closed, door is locked by latch bolt and you can also lift up the handle to double lock with deadbolt.

For sliding mortise
Always lift up the handle to lock the door every time due to there is no any latch bolt on the mortise to auto-lock when you closing the door.

Micro USB emergency power supply
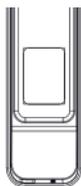
When the battery voltage is too low and cannot be opened from outside, connect a 5V power supply via Micro USB port at the front. Then unlock the door and replace all batteries immediately

Emergency USB power Supply

✔ ZigBee connection setting

Please carefully do the following steps to connect lock with Hafele Smart Living App.

1. Download Application "Hafele Smart Living" from App Store and Play store

2. Sign up App's account by email, or login if you already had an account.

3. Preparing the ZigBee gateway, please learn how to setting gateway from gateway's manual.

4. Open battery cover of the lock and press the 'set' button, lock will stay in the pairing mode for 10-15 seconds.

5. Go to application and choose the ZigBee gateway then click " + Add subdevice".

6. Click "LED already blink" then App will searching nearby lock.

7. If the App found the lock, you will hear sound "BEEP" as same as lock showing in the app. Then click "Done"

8. Naming the lock and click "Done"

✔ Restore to factory setting

Open the battery cover then press the 'set' button for 5 seconds until hear the voice "Beep Beep".

Then release the finger you will hear voice broadcast "Successfully"

⚠ CAUTION

1. After restore to factory setting, all admin/user data and settings will be deleted.
2. The initial password is "123456", or any fingerprint can open the door.

Open & Lock the door

How to open the door from outside

PIN code	Fingerprint	Card
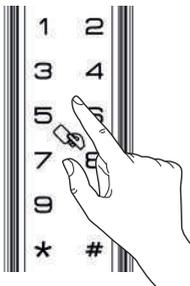
1. Touch keypad by palm to lighten keypad.
2. Enter the enrolled PIN code with end of [#].
3. Press down the handle to open the door.
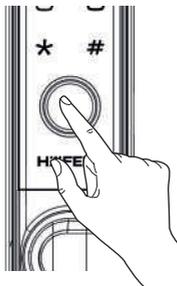
1. Place the enrolled finger properly on the fingerprint sensor area
2. Press down the handle to open the door.

1. Place the enrolled card properly on the card icon area
2. Press down the handle to open the door.
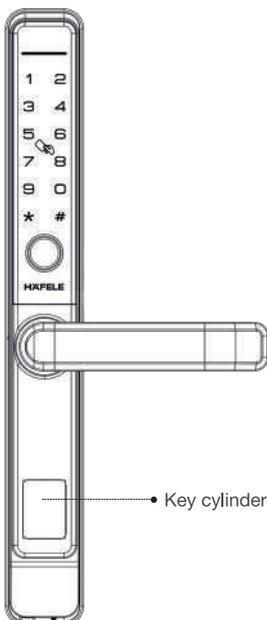
Mechanical key

Insert the key into key hole and rotate it with proper angles.

Then press down handle to open the door.

• Key cylinder