HÄFELE

User Manual

ER5000

ER5100
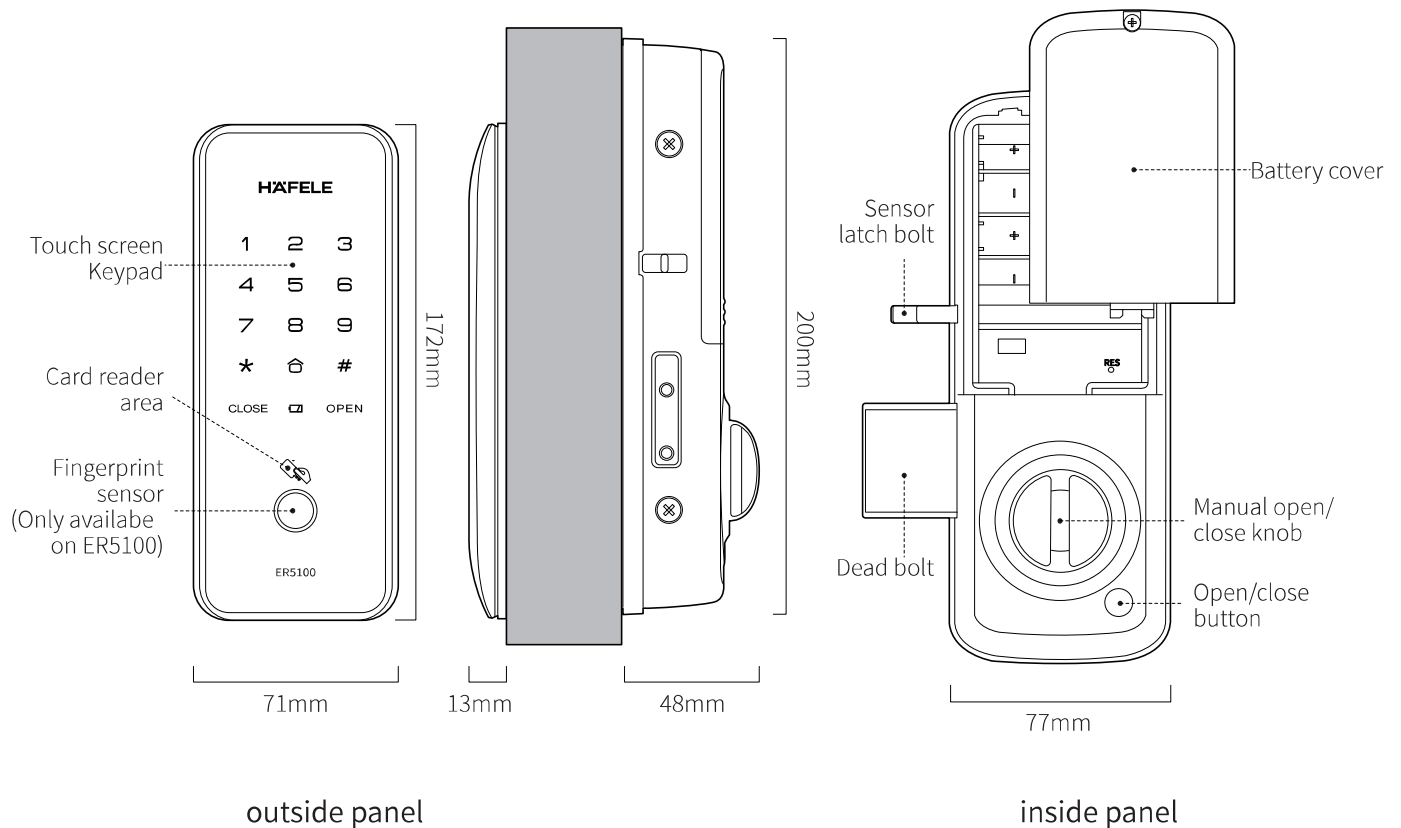
* The contents of this user manual are subject to change without prior notice
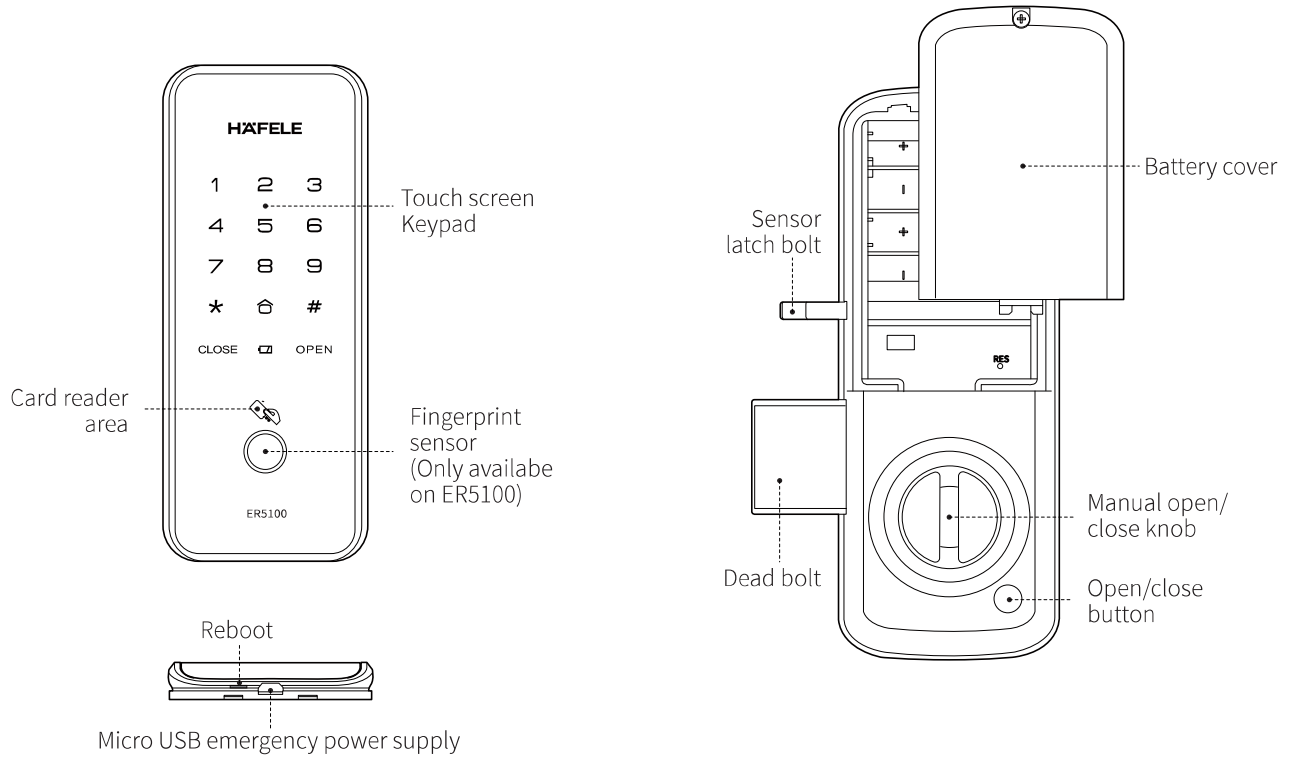 to the user in order to enhance performance of the products.

Warnings

* Read and understand all instructions before you use your product.
* If damage is caused by failure to follow instructions, the warranty does not apply.
* Only use the alkaline batteries.
* Do not expose the product and accessories to rain or water.
* Do not expose the product to corrosive substances so as not to damage the protective cover.
* Do not scrape the fingerprint sensor with 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.

Overview

Touch screen Keypad

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1	2	3
4	5	6
7	8	9
*	⌂	#

CLOSE   OPEN

Card reader area

Fingerprint sensor (Only availabe on ER5100)

ER5100

71mm   13mm   48mm

172mm

200mm

outside panel

Battery cover

Sensor latch bolt

RES

Dead bolt

Manual open/ close knob

Open/close button

77mm

inside panel

Programming

HÄFELE

1 2 3
4 5 6
7 8 9
* ⌂ #

CLOSE ⊂⊃ OPEN

Touch screen
Keypad

Card reader
area

Fingerprint
sensor
(Only availabe
on ER5100)

ER5100

Reboot

Micro USB emergency power supply

Sensor
latch bolt

Battery cover

RES

Dead bolt

Manual open/
close knob

Open/close
button

⚠ CAUTION

1. You can operate following the voice guide by multi-language(English/Spanish/Portuguese/French).
2. Master PIN Code(4~10 digit): Default master PIN code is "12345678",please modify it after installation.
3. User PIN Code(4~10 digit): Maximum capacity is 20 with user number [00-19].
4. Fingerprint: Maximum capacity is 100 with user number [00-99].
5. Card: Maximum capacity is 100 with user number [00-99].

Definitions

Master Mode:
The Master Mode could be entered by entering "**+Master PIN Code+#" to programming the lock.

Master PIN code:
The Master PIN Code is used for unlock,programming and setting feature.The default Master PIN code[12345 678] is required to be changed immediately after enter the menu for the first time.

Auto locking:
After unlocking successful by PIN Code/ Fingerprint/ Card/ APP, it will automatically locking in auto mode once the door is closed.

Manual Mode:
Auto mode could be adjusted to Manual Mode. In Manual Mode the lock could be locked only by pressing any key for 1 second from outside or using thumb turn or CLOSE/OPEN button from inside.

One Touch locking:
When the bolt is retracted, activating the keypad and press any key for 1 second will extend the bolt.

Shutdown Time:
The lock will shutdown for a default of 5 mins and not allow operation after the wrong code entry limit(10 times) has been met. When the unit is in Shutdown, the screen will flash when you are trying to use keypad.

Away Mode:
This feature is enabled by the Master PIN Code in Master Mode , it restricts all user PIN code/ Fingerprint/ Card, except Master PIN code and APP access. This feature will disabled automatically after entering Master PIN Code from outside or using APP. If someone unlock the unit by using thumb turn, the lock will alarm for 1 min and send a message to user's hand-held device for warning(requires wireless module).

Silent Mode:
Enabling Silent Mode shuts off the code confirmation tone playback for use in quiet areas. Silent mode is selected in the voice setting of Master Mode.

Status LED:
Located on outside panel.

Wrong Code Entry Limit:
After a specified number of unsuccessful attempts at entering a valid PIN code the lock will shut down and not allow operation. Wrong code entry limit is 10 times.

Reboot button:
When the system crash down, the lock could be restart by pressing Reboot button on outside panel.

Reset button:
After reset operation, the lock will be restored to factory default settings, all user credentials will be deleted. Refer to reset guide.

Privacy mode:
After holding the CLOSE/OPEN button for 3 seconds, the lock will be set to Privacy mode, it restricts all user PIN code/ Fingerprint/ Card, except Master PIN code and APP. This feature will disabled automatically after entering Master PIN Code or using APP access from outside, or someone unlock the unit by using thumb turn.

Factory Default Settings

Settings	Factory Defaults
Master PIN Code	12345678
Auto Locking	Enabled
Speaker	Enabled
Wrong Code Entry Limit	10 times
Shutdown Time	5 mins
Voice guide language	English
Bluetooth	Optional

Quick setup guide

MP	Master PIN code	**UP**	User PIN code
00~19	Input number (00~19)	**00~99**	Input number (00~99)
(fingerprint icon)	Enter fingerprint	**Card**	Enter card
*	Star key,move to upper menu	(light icon)	Touch the screen to activate

Lock Operation

-Change Master PIN code

☼ → * x2 → **MP** → **#** → **1** → **MP** → **#**
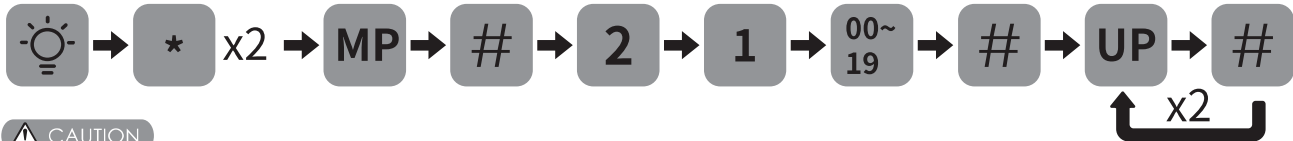   ⤷ x2 ⤸
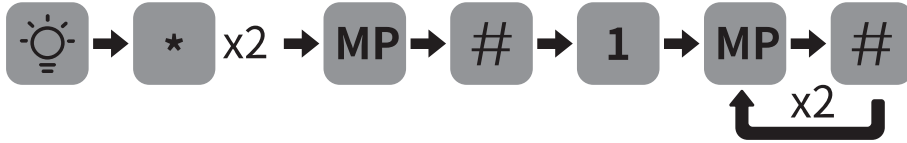
⚠ CAUTION

1.Before changing default Master PIN code, all other setting menu will be disabled.You have to change Master PIN code first, then do other lock settings.

-Add Up User PIN Codes
User PIN codes can be programmed through the Master PIN Code.

☼ → * x2 → **MP** → **#** → **2** → **1** → **00~19** → **#** → **UP** → **#**
                                                                    ⤷ x2 ⤸

⚠ CAUTION

1.When registering User PIN Codes, the code must be entered within 10 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

-Add Up User Fingerprint (Only available on ER5100)
User fingerprint can be programmed through the Master PIN Code.

☼ → * x2 → **MP** → **#** → **2** → **2** → **00~99** → **#** → 👆 x8

⚠ CAUTION

1.When registering user fingerprint, the fingerprint must be entered within 10 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

-Add Up User Card
User card can be programmed through the Master PIN Code.

☼ → * x2 → **MP** → **#** → **2** → **3** → **00~99** → **#** → Card

⚠ CAUTION

1.When registering user card, the card must be entered within 10 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return to previously menu.

-Delete User PIN Code

User PIN codes can be programmed through the Master PIN Code.

💡 → ＊ x2 → MP → # → 3 → 1 → 00~19 → #

⚠ CAUTION

1.When deleting User PIN Codes, the User Number must be entered within 10 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return
  to previously menu.
3.Deleting all User PIN codes could be done only by resetting the lock to factory default settings.

-Delete User Fingerprint (Only available on ER5100)

User fingerprint can be programmed through the Master PIN Code.

💡 → ＊ x2 → MP → # → 3 → 2 → 00~99 → #

⚠ CAUTION

1.When deleting User fingerprint, the fingerprint must be entered within 10 seconds or time expires.
2.No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return
  to previously menu.
3.Deleting all User fingerprint could be done only by resetting the lock to factory default settings.

-Delete User Card

User card can be programmed through the Master PIN Code.

💡 → ＊ x2 → MP → # → 3 → 3 → 00~99 → #

⚠ CAUTION

1. When deleting User card, the card must be entered within 10 seconds or time expires.
2. No matter setting succeed or failed, the process won't completed and stay at current stage, you can press "*" to return
   to previously menu.
3. Deleting all User card could be done only by resetting the lock to factory default settings.

-Locking Mode

The default locking mode is auto mode.

Auto Mode

💡 → ＊ x2 → MP → # → 4 → 1

Manual Mode

💡 ➜ ✳ x2 ➜ **MP** ➜ # ➜ 4 ➜ 2

-Language Settings (including silent mode)

Silent Mode feature can only be programmed in language settings through the Master PIN Code.

💡 ➜ ✳ x2 ➜ **MP** ➜ # ➜ 5 ➜ 1 or 2 or 3 or 4 or 5 or 6

| 1 English | 2 Spanish | 3 Portuguese |
| 4 French | 5 Chinese | 6 Silent Mode |

-Enable Away Mode

Away Mode feature can only be programmed through the Master PIN Code.

💡 ➜ ✳ x2 ➜ **MP** ➜ # ➜ 6

⚠ CAUTION

1. In Away Mode, all User PIN Code/fingerprint/card will be disabled temporary, device could be unlocked only by Master PIN code or APP.
2. Away Mode will be disabled automatically after entering Master PIN Code or using APP access.
3. If someone unlock the device by using thumb turn or override key, the alarm voice will be triggered.

-Function Extension

It is reserved for the connection of bluetooth,remote control and Z-wave.

Join Network

💡 ➜ ✳ x2 ➜ **MP** ➜ # ➜ 8 ➜ 1

Log off Network

💡 ➜ ✳ x2 ➜ **MP** ➜ # ➜ 8 ➜ 2

⚠ CAUTION

1. For bluetooth settings, please turn on the bluetooth of smart phone and open Kaadas APP before above operation.
2. For remote control and Z-wave settings, please refer to its instructions separately.

Menu Table

Press[1] —— Modify Master PIN code

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Press[2] —
| 1.Add User PIN Code |
| 2.Add User Fingerprint |
| 3.Add User Card |

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| 1.Add User PIN Code |
| 3.Add User Card |

Press[3] —
| 1.Delete User PIN Code |
| 2.Delete User Fingerprint |
| 3.Delete User Card |

| 1.Delete User PIN Code |
| 3.Delete User Card |

Press[4] —
| 1.Auto Mode |
| 2.Manual Mode |

Press[5] —
| 1.English |
| 2.Spanish |
| 3.Portuguese |
| 4.French |
| 5.Chinese |
| 6.Silent Mode |

Press[6] —— Enable Away Mode

Press[8] —
| 1.Join Network |
| 2.Log off Network |

1.Modify Master PIN code

2.User Setting

3.Delete Users

4.Locking Mode

5.Language Setting

6.Enable Away Mode

8.Function Extension

How to use

Open Door

1. Open from outdoor

PIN code

1.Touch pad screen by palm to lighten keypad
2.Enter the enrolled PIN code with the end of [#].
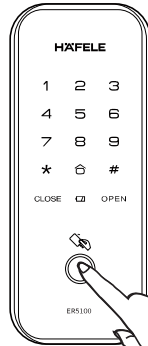
Fingerprint

Place the enrolled finger properly on the fingerprint sensor area until one beep sound.
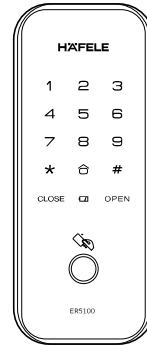
Card

Place the enrolled card properly on the card icon area until one beep sound.

2. Open from indoor
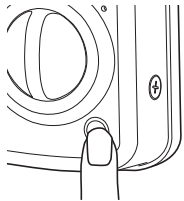
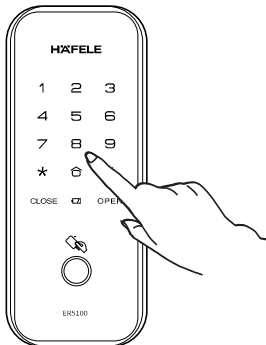**CLOSE/OPEN button**

Press CLOSE/OPEN button 1 time
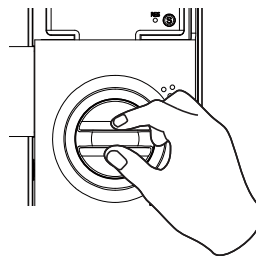
Thumb-Turn Knob

Turning thumb-turn knob into the position of unlock icon

Close Door

1. Close door from outdoor

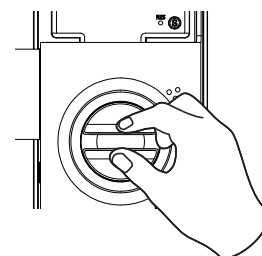**Auto Locking Mode:** In auto mode, the deadbolt will come out automatically after unlock.

Manual Locking Mode:
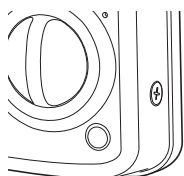
Press and hold any key for 1 second.
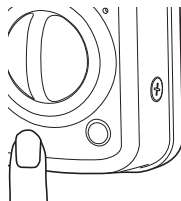
Press CLOSE/OPEN button 1 time to open

Turning thumb-turn knob into the position of lock icon

Enable Privacy Mode

When the door is closed, long press CLOSE/OPEN button for 3 seconds to enable privacy mode. In privacy mode, all user PIN code /fingerprint /card will be prohibited, except Master PIN code and APP key. And if the device is unlocked from indoor , the alarm will be triggered until PIN code /fingerprint /card is verified successfully.
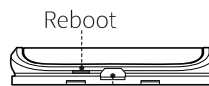
Fake PIN code

The random numbers can be added before and after the real PIN code, this prevents the user PIN code from being exposed. The maximum length is 32 digits.

Micro USB emergency power supply and Reboot button

Reboot
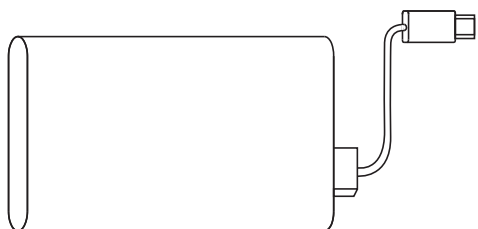
Micro USB emergency power supply

Power bank(Micro USB)

- When the battery voltage is too low to open the lock from outside, you can use 5V power bank to charge the door lock via Micro USB port. After the door is unlocked, please replace all batteries immediately.

- Pressing reboot button to restart the smart lock when system is crash down.

Reset to factory default settings

Operation Instructions:

1. Keep the lock in "unlock" status
2. Open battery cover and find the reset button.
3. Use a sharp thing to press and hold the reset button.
4. Remove at least 1 pcs battery from battery box, then reinstall all batteries to charge again.
5. Keep holding the reset button until hearing voice guide.