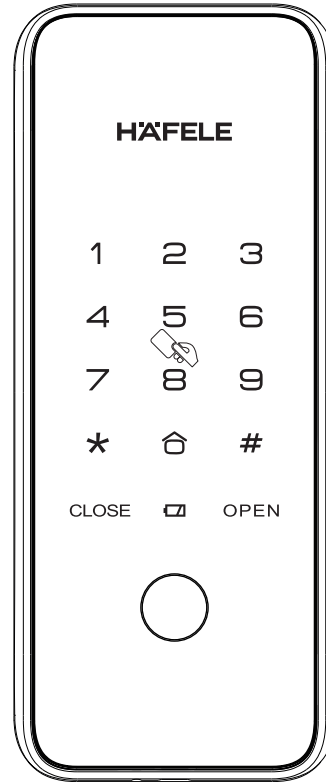




Digital door lock  
Model ER5000 / ER5100



ER5000



ER5100

## User Manual

# Contents

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## Read before using

Product features .....	2
Warnings.....	3
Product specifications .....	3
Factory default settings.....	4
Quick setup guide .....	4

## Lock operation

How to change master PIN code.....	5
How to add user PIN codes.....	5
How to add temporary user PIN code.....	5
How to add fingerprints.....	5
How to add key cards.....	6
How to delete user PIN code.....	6
How to delete temporary user PIN code.....	6
How to delete fingerprint .....	7
How to delete key card .....	7
Language setting .....	8
Volume setting.....	8
Opening mode setting.....	8
Network module (Optionally available).....	8
System query.....	9
Bluetooth setting.....	9
Privacy mode.....	9
Defense mode.....	10
Auto/Manual mode.....	10
Menu table.....	11

## How to use

How to open the door from outside .....	12
Random security coding function.....	12
How to open the door from inside.....	12
How to lock the door.....	12
Micro USB emergency power supply.....	13
Reboot button.....	13
Reset to factory default setting.....	13

## ✓ Product features



### Four way solution

Four electronic locking modes: master PIN code/user PIN code, key card, APP and fingerprint (Only ER5100).



### Master PIN code/ User PIN code/ Key card/ and Fingerprint identification

1 master PIN code, up to 10 user PIN codes, 1 temporary user PIN code, 100 key cards, 100 fingerprints (Only ER5100).



### Random security coding function

The random number can be added before or 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 / Auto re-lock function

When the door is closed, the lock will lock automatically (In case of auto locking mode).



### Privacy function (Double lock function)

When the double lock function is activated the door cannot be opened from outside with user PIN code, key card or fingerprint except with master PIN code.



### Defense mode

If someone exit from inside, the lock will alarm.



### Burglary alarm function

When the door is opened by force, the lock is suspended with alarm.



### Prevent mischief and hacking

When entering 5 times a wrong user PIN code/fingerprint and card in 5 minutes, the lock is suspended 100 seconds. After that the lock will activate again. While the lock is suspended, the screen will flash when you are trying to use keypad.



### Alarm for battery replacement time

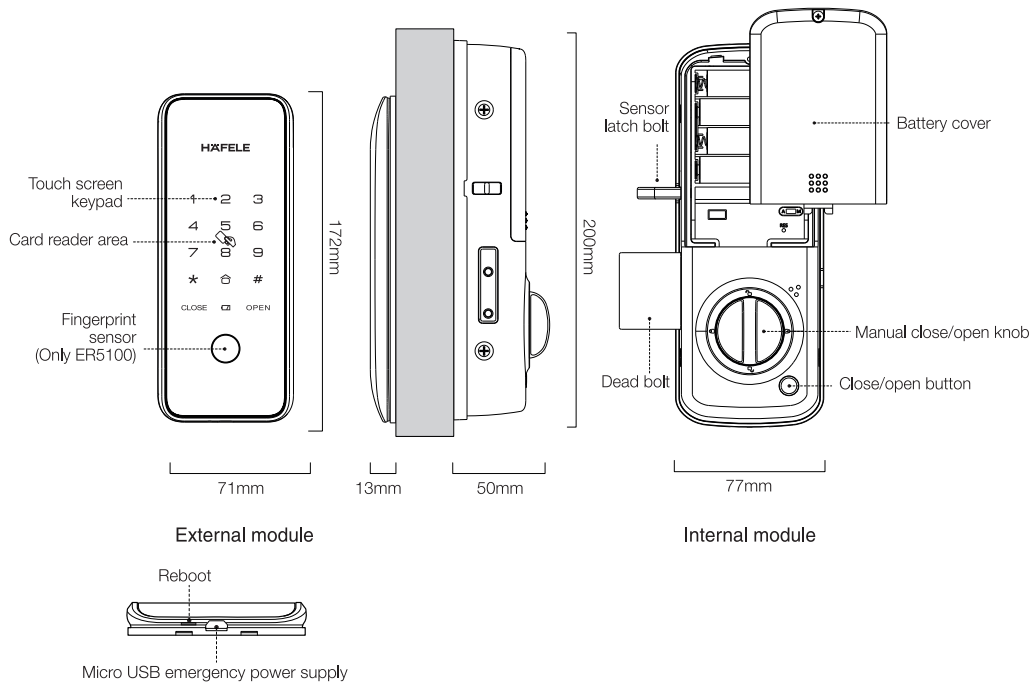
When the power of battery is too low a warning signal will appear on the screen. Please replace all batteries immediately.

## Read before using

### 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 the alkaline batteries.
- \* Do not expose the product and accessories to rain or water.
- \* 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



### CAUTION

1. You can follow the voice guide by multi-language (English/Spanish/Portuguese/Russian/Chinese).
2. Master PIN code(6~12 digits): Default master PIN code is "12345678", please modify it after installation.
3. User PIN code(6~12 digits): Maximum capacity is 10 with user number [00-09].
4. Temporary user PIN code(6-12 digits): Maximum capacity is 1, this PIN can only be used for one time unlocking.
5. Fingerprint: Maximum capacity is 100 with user number [00-99] (Only ER5100).
6. Card: Maximum capacity is 100 with user number [00-99].

Read before using

## ✓ Factory default settings

Settings	Factory defaults
Master PIN code*	12345678
Auto locking	Enabled
Speaker	Enabled
Wrong code entry limit	5 times
Shutdown time	100 seconds
Voice guide language	English
Bluetooth	Disabled

\*Important: First step is to set your own master PIN code.

## ✓ Quick setup guide

**MP**

Master PIN code

**UP**

User PIN code

**00~  
09**

Input number (00~09)

**00~  
99**

Input number (00~99)



Enter fingerprint (Only ER5100)



Enter card



Star key, return to previous menu

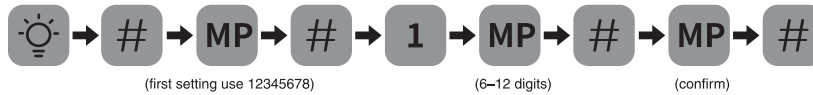


Touch the screen to activate lock

## Lock operation

### ✓ Add/Change access data

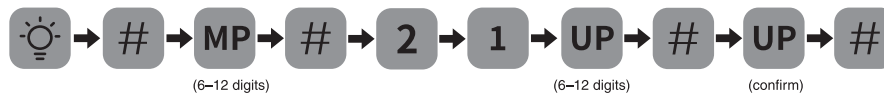
#### How to change master PIN code



#### ⚠ CAUTION

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.

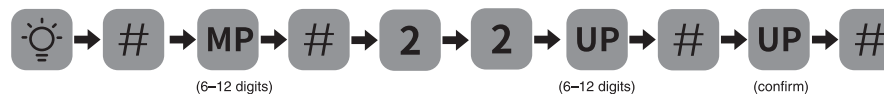
#### How to add user PIN codes



#### ⚠ CAUTION

1. When registering user PIN codes, the code must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the "\*" key.

#### How to add temporary user PIN codes (One time password)



#### ⚠ CAUTION

1. When registering temporary user PIN codes, the code must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the "\*" key.

#### How to add fingerprints (Only ER5100)



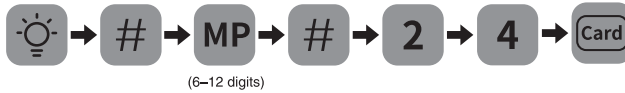
#### ⚠ CAUTION

1. When registering user fingerprint, the fingerprint must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the "\*" key.

## Lock operation

### ✓ Add/Change access data

#### How to add key cards



#### ⚠ CAUTION

1. When registering user card, the card must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the “\*” key.

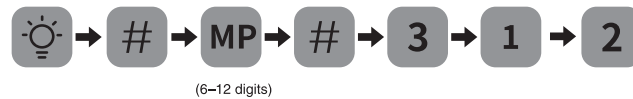
### ✓ Delete access data

#### How to delete user PIN code

Delete one user PIN code



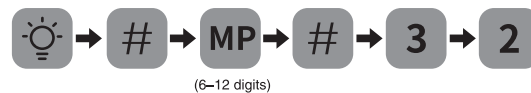
Delete all user PIN codes (Unusable in safe mode)



#### ⚠ CAUTION

1. When deleting user PIN codes, the user number must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the “\*” key.

#### How to delete temporary user PIN code



#### ⚠ CAUTION

At any time you can return to the previous menu by pressing the “\*” key.

## Lock operation

### ✓ Delete access data

#### How to delete user fingerprint (Only ER5100)

Delete one user fingerprint



Delete all user fingerprints (Unusable in safe mode)

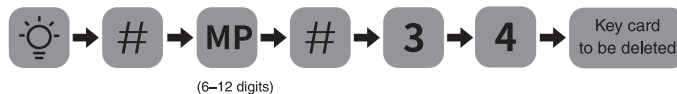


#### ⚠ CAUTION

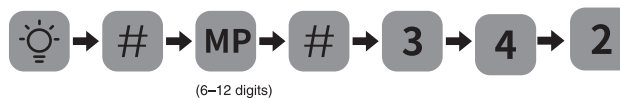
1. When deleting user fingerprint, the fingerprint or user number must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the "\*" key.

#### How to delete key card

Delete one key card



Delete all key cards (Unusable in safe mode)



#### ⚠ CAUTION

1. When deleting user card, the card or user number must be entered within 15 seconds.
2. At any time you can return to the previous menu by pressing the "\*" key.



✓ Additional lock features

Language settings



- |                     |                  |                  |
|---------------------|------------------|------------------|
| <b>1</b> Chinese    | <b>2</b> English | <b>3</b> Spanish |
| <b>4</b> Portuguese | <b>5</b> Russian |                  |

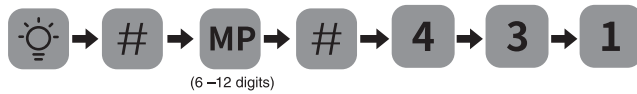
Volume settings



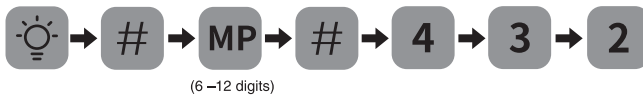
- |                      |                     |                      |
|----------------------|---------------------|----------------------|
| <b>1</b> High volume | <b>2</b> Low volume | <b>3</b> Silent mode |
|----------------------|---------------------|----------------------|

Opening mode setting

Normal mode: Single verification means opening by PIN code or fingerprint or card.



Safe mode: Double verification means opening by PIN code + fingerprint or PIN code + card or fingerprint + card.



Network module (Optionally available)

Join network



Log off network



## Lock operation

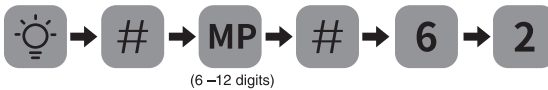
### ✓ Additional lock features

#### System query

To get unique serial number



To get version number of firmware

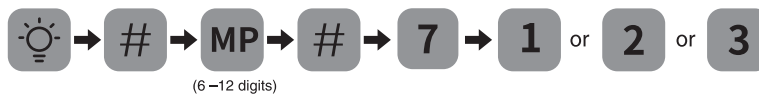


#### Bluetooth settings

Enable Bluetooth



Manage Bluetooth (under Bluetooth turned on)



**1** Connect Bluetooth

**2** Disconnect Bluetooth

**3** Disable Bluetooth

#### ⚠ CAUTION

1. The default setting for Bluetooth is disabled.
2. Please enabling the Bluetooth first, before you manage Bluetooth. And please keep it is turned on, when you use it.

#### 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.


## Lock operation

### ✓ Additional lock features

#### Defense mode



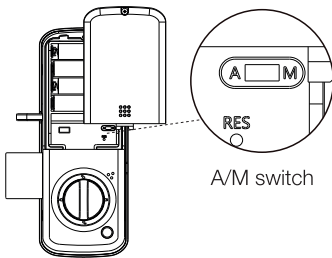
Defense button

1. Enable: After door is locked, press [  ] button to enable defense mode. In this mode, when the door is unlocked from inside, the alarm will be triggered.
2. Disable: Once the door is opened properly from outside, the defense mode will be disabled.

#### ⚠ CAUTION

1. Defense mode will be disabled automatically after verify the PIN code/fingerprint/key card.
2. If someone unlock the device by using manual close/open knob or close/open button, the alarm will be triggered.

#### Auto/Manual mode



A/M switch

1. Remove battery cover to find the A/M switch.
2. [ A ] means auto mode: when door is closed, the deadbolt will drive out automatically, the door will be in locked status.
3. [ M ] means manual mode: when door is closed, the deadbolt will not driven out, then the door will be in unlocked status.

Menu table

	ER5100	ER5000	
1.Modify master PIN code 2.User setting 3.Delete users 4.System setting 5.Extended function 6.System query 7.Bluetooth setting	Press[1] — Modify master PIN code	Modify master PIN code	
	Press[2] —	1.Add user PIN code 2.Add temporary PIN code 3.Add user fingerprint 4.Add user card	1.Add user PIN code 2.Add temporary PIN code 4.Add user card
	Press[3] —	1.Delete user PIN code 2.Delete temporary PIN code 3.Delete user fingerprint 4.Delete user card	1.Delete user PIN code 2.Delete temporary PIN code 4.Delete user card
	Press[4] —	1.Language setting 2.Volume setting 3.Opening mode setting	1.Language setting 2.Volume setting 3.Opening mode setting
	Press[5] —	1.Join network 2.Log off network	1.Join network 2.Log off network
	Press[6] —	1.Query serial No. 2.Query version No.	1.Query serial No. 2.Query version No.
	Press[7] —	<b>Bluetooth disabled</b> Enable Bluetooth	<b>Bluetooth enabled</b> 1.Connect Bluetooth 2.Disconnect Bluetooth 3.Disable Bluetooth

## How to use

### ✓ Open & Lock the door

#### How to open the door from outside



##### PIN code

1. Touch keypad screen by palm to wake up lock.
2. Enter the enrolled PIN code and press [#].



##### Fingerprint (Only ER5100)

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



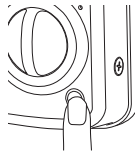
##### Card

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

#### Random security coding function

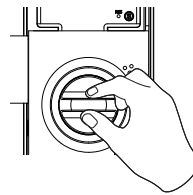
The random number can be added before or after the real user PIN code but the maximum length is 32 digits. This feature will prevent the real user PIN code from being exposed.

#### How to open the door from inside



##### Close/Open button

Press close/open button 2 time to open.



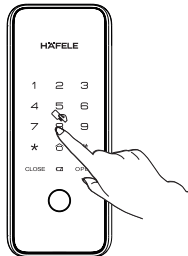
##### Manual close/open knob

Turning manual close/open knob into the position of unlock icon.

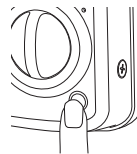
#### How to lock the door

**Auto locking mode:** After close the door, the deadbolt will come out automatically

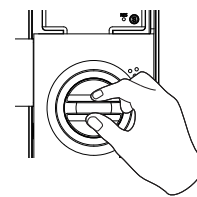
**Manual locking mode:**



Close the door and verify the PIN code/ fingerprint/ key card to lock the door.



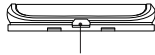
Press close/open button 1 time to lock.



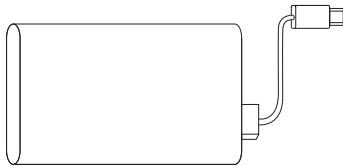
Turning manual close/open knob into the position of lock icon.

✓ Service features

### Micro USB emergency power supply



Micro USB emergency power supply



Power bank (Micro USB)

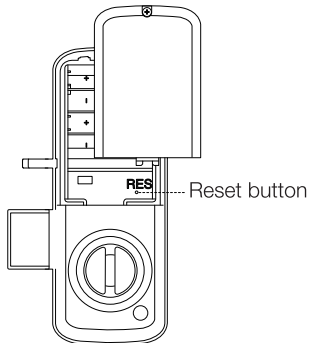
When the battery voltage is too low and cannot be opened from outside, connect a 5V power supply via Micro USB port at the front. Then unlock the door and replace all batteries immediately.

### Reboot button



Press the reboot button to restart the lock when the system is unresponsive, no user data is deleted.

### Reset to factory default settings



Internal module

**CAUTION** All user data will be deleted!

#### Operation instructions:

1. Open battery cover and find the reset button.
2. Double click [RES] button, then voice prompt "Restored to factory settings. Change master PIN code."
3. After that all user data and settings will be deleted.