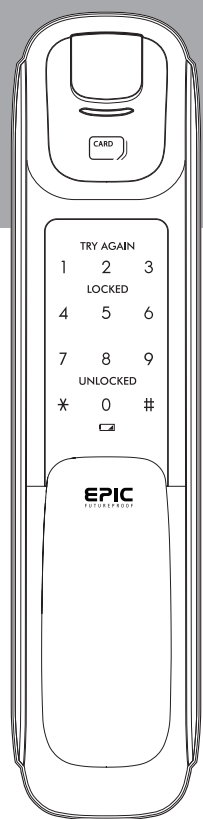


USER MANUAL

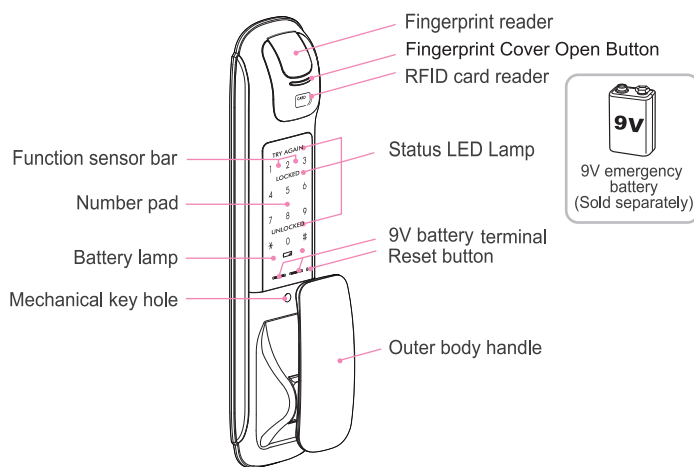
[DIGITAL DOOR LOCK]



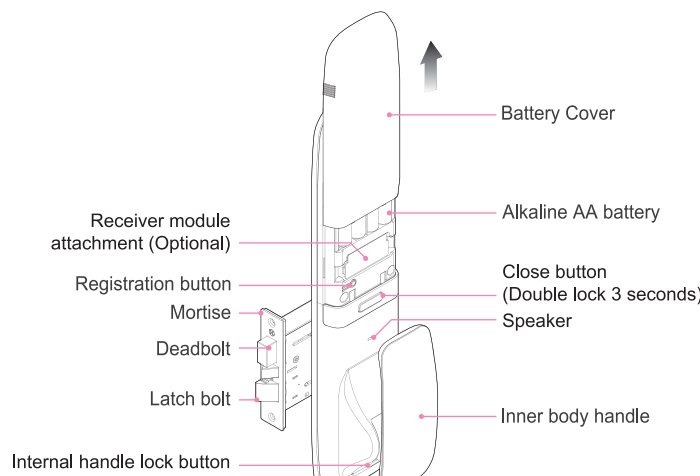
PIN NUMBER
RF CARD
FINGERPRINT
MECHANICAL KEY

The default pin number is 1234.
Please change to new pin number.
Ensure not to use consecutive or repetitive numbers for your safety

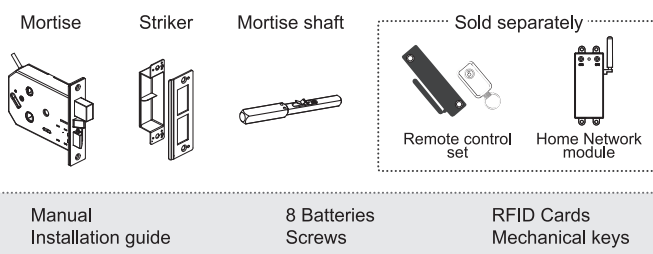
Parts Description (Outer body)



Parts Description (Inner body)



Product Components



Product Specification

Items		Descriptions
Installation conditions	Door thickness	40~50mm
Authentication Method	No. of pin number	4~12 digits
Power supply	DC 6V	LR 6 AA ALKALINE (X8)EA
Emergency Battery	DC 9V	ALKALINE BATTERY (Sold separately)
Temperature	Sensor temperature	72°C±5°C Maximum Temperature 62°C±5°C Normal Temperature
Material	Outer body	Al, Zn, ABS
	Inner body	Zn, ABS

RF Specification

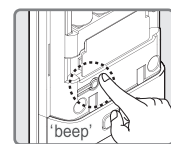
Items	Frequency	Channel	Module	Public line power
RFID	13.56 MHz	1 PC	ASK	93.5 dBuV/m@10m Below
Remote device	447.275 MHz	1 PC	FSK	10mW Below

Pin Number Registration

Caution Always register pin number while door is open. default pin number upon purchase is [1, 2, 3, 4]
Warning! : Please do not forget the pin number at all times. Once forgotten you will not be able to register new pin or card. There is no Pin number reset.

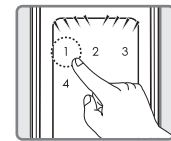
※ To change existing pin number

- 1 Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.



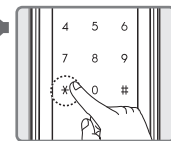
----- OUTSIDE -----

- 2 Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9]
is lighted on the number pad
Press [1] button.



----- OUTSIDE -----

- 3 Enter new pin number to be registered 4~12 digits.
Press [*] button on the number pad.
A melody will be heard and the registration is complete.



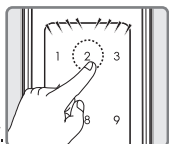
Caution Please register pin number within 10 seconds after pressing the registration button or the registration process will be cancelled.
New registration of a single pin number will delete all previously registered pin number on the system.

Fingerprint Registration (Normal)

Caution Fingerprint deletion cannot be done one by one but all at once.
Please refer to page 7~8 for fingerprint deletion.
When 100 fingerprints are registered, no more registration is possible.
New registration of fingerprint will delete all previously registered fingerprints.

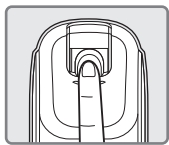
- 1 Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.

Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [2] before the number pad turns off.



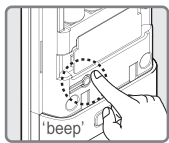
----- OUTSIDE -----

- 2 Place a finger to register three times on the fingerprint reader.
If the first reading is successful numbers [1][2][3] will be displayed with blinking number [2]
If the second reading is successful numbers [1][2][3] will be displayed with blinking number [3]
Go ahead with the third reading.
Fingerprint registration is complete when the third reading is successful.
Now you will see the location number stored for the specific fingerprint with an animated circle and complete sound beep.



----- INSIDE -----

- 3 Press [Registration] button after all fingerprints has been registered, and registration is complete.



Note To register multiple fingerprints, repeat step 2 before the number pad lights turns off.

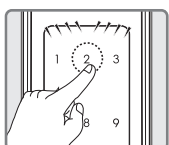
Caution Please register fingerprint within 20 seconds after pressing [Registration] button or the registration will be cancelled.
Corrupted or Child fingerprints may have difficulty in authentication.

Fingerprint Registration (Individual)

Caution The fingerprint location number should be from 001~100 and it must consist of 3 digits always.
Without entering fingerprint, pressing [*] button will change to Normal Fingerprint registration mode.

- 1 Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.

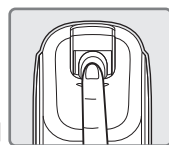
Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [2] before the number pad turns off.



4

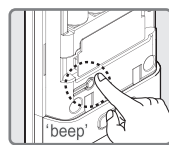
----- OUTSIDE -----

- 2 Enter the 3-digits fingerprint location number (001~100) followed by [*] button.
Place a finger to register three times on the fingerprint reader.
If the first reading is successful numbers [1][2][3] will be displayed with blinking number [2]
If the second reading is successful numbers [1][2][3] will be displayed with blinking number [3]
Go ahead with the third reading.
Fingerprint registration is complete when the third reading is successful.
Now you will see the location number stored for the specific fingerprint with an animated circle and complete sound beep.



----- INSIDE -----

- 3 Press [Registration] button after all fingerprints has been registered, and registration is complete.



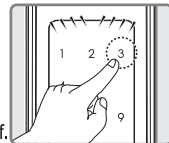
Note Up to 100 fingerprints can be registered.
To register multiple fingerprints, Repeat steps 2 before the number pad turns off.
And press [Registration] button.

Guest Pin Number Registration

Caution The guest pin number is for 1 time entry only

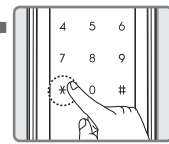
- 1 Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.

Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [3] before the number pad turns off.



----- OUTSIDE -----

- 2 Enter New Guest Pin number to be registered 4~12 digits
Press [*] button on the number pad
A melody will be heard, and the registration is complete.



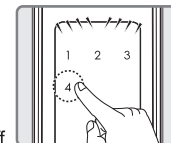
◆ REGISTERING MORE THAN 12 DIGITS WILL RESULT TO ERROR, NO [2] BUTTON WILL BE FLASHING
◆ REGISTERING LESS THAN 4 DIGITS WILL RESULT TO ERROR NO. [2] BUTTON WILL BE FLASHING
◆ NEW REGISTRATION WILL DELETE OLD REGISTERED PIN NUMBER
◆ IF NEW PIN NUMBER IS NOT REGISTERED AFTER PRESSING REGISTRATION BUTTON THE REGISTRATION MODE WILL BE CANCELLED

RFID Card Registration (Normal)

Caution New RFID cards are registered without erasing previous registration records. RFID cards included inside the box are not registered in default. Only compatible cards can be registered and used.

5

- 1 Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.



Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [4] before the number pad turns off.

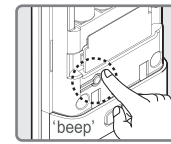
----- OUTSIDE -----

- 2 Place the card to be registered on the card reader.
The beep sound will be heard, and the saved 3 digit location number(001~100) will be displayed on the number pad.



----- INSIDE -----

- 3 Press [Registration] button after all cards has been registered and the registration is complete.



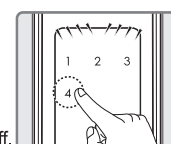
Note Up to 100 RFID cards can be registered. To register multiple RFID cards, repeat step 2 before the number pad turns off.
Place RFID cards on the card reader within 10 seconds after pressing [Registration] button or the registration process will be cancelled.
No more RFID card can be registered after the 100th registration.

RFID Card Registration (Individual)

Caution The card location number should be from 001~100 and it must consist of 3 digits always.
When it is not individual card registration, Pressing [*] button will enable normal registration mode.

- 1 Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.

Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [4] before the number pad turns off.



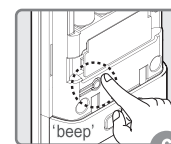
----- OUTSIDE -----

- 2 Enter the card location number consisting of 3 digits from (001~100), followed by the [*] button.
When number pad arrow is displayed it is in RFID card entry standby status.
Place the card to be registered on the card reader.
The beep sound will be heard, and the saved 3 digit location number will be displayed on the number pad.



- To register additional RFID cards -
When all numbers on the pad is lighted, enter new location number, followed by [*] button, then register the new card.

- When there are no additional cards to be registered -
Press [Registration] button to complete the registration.

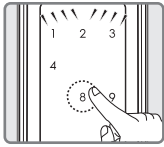


6

RFID Card Deletion (All-at-once)

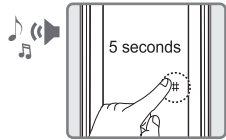
- ① Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.

Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [8] before the number pad turns off.



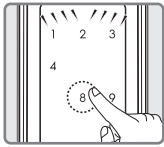
OUTSIDE

- ② Long press [*] button for 5 seconds
When the melody is heard,
All RFID cards are deleted.



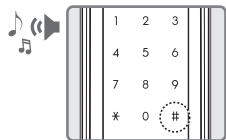
RFID Card Deletion (Individual)

- ① Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.
Enter current pin number followed by [*] button.
Check if the numbers [1, 2, 3, 4, 8, 9]
has been lighted on the number pad.
Press [8] button, followed by the [*] button.



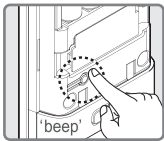
OUTSIDE

- ② Enter the registered card location number,
followed by [*] button
After deletion is complete,
all numbers are lighted on the number pad
Additional card deletion is in standby mode.



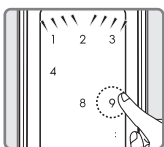
INSIDE

- ③ If there is no location number to be deleted,
press [Registration] button.



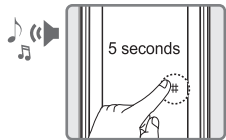
Fingerprint Deletion (All-at-once)

- ① Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.
Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [9] before the number pad turns off.



OUTSIDE

- ② Long Press [*] button for 5 seconds
When the melody is heard,
All fingerprints are deleted.

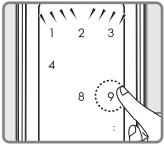


7

Fingerprint Deletion (Individual)

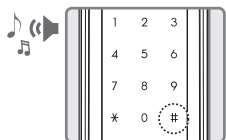
- ① Open battery compartment cover.
Press [Registration] button once
~beep sound will be heard.

Enter current pin number followed by [*] button.
Check if the number [1, 2, 3, 4, 8, 9] is lighted on the number pad. Press [9] before the number pad turns off.



OUTSIDE

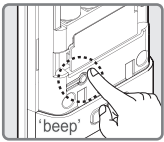
- ② Press [*] button and the number pad numbers
will all be lighted ON
Enter the fingerprint Location Number,
followed by [*] button,
when the deletion is complete, the complete sound will be heard.
After deletion is complete, the number pad numbers will all be lighted ON
And additional Fingerprint Deletion is in Standby Status.



Dual-mode Security Feature Setting

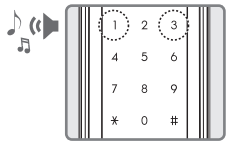
※ The Pin number, Fingerprint & RFID card should be registered
first before setting this feature

- ① Press [Registration] button for 5 seconds
The entire LED will light up
After 3 seconds the alarm will stop
And after 2 seconds it will be on again.
- ② Enter current user password.
When you press [*] button,
The front panel LED will blink and light-up.

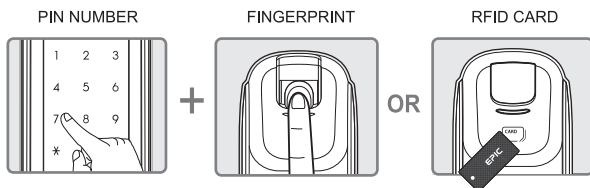


OUTSIDE

- ③ Press [1] button to Turn-Off Dual-Mode Security
Press [3] button to Turn-On Dual-Mode Security.
During Dual-Mode Security Setting,
when the confirmation sound is heard,
everything will be turned off



HOW TO OPEN THE DOOR



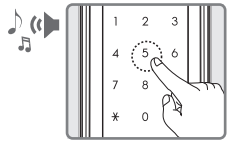
- Note
- The guest pin number doesn't need 2nd authentication just enter and the door will open.
 - When in security mode entry, please press a key within 10 seconds or it will turn off

8

Multi-touch Security Feature Settings

- Note
- This is a security feature that prevents the pin number from being exposed, by removing traces of fingerprint patterns on the number pad. The multi-touch feature is disabled in default.

- ① Touch the number pad on the outer body.
Enter the pin number, press the [*] button.
- ② Press the [5] button on the number pad,
a melody will be heard and Multi-touch
feature setting is complete.



Caution

When multi-touch feature is enabled, after entering pin number press the 3 digits number that is displayed on the screen.
Press [*] button and the door will open.
When this feature is enabled, the random number feature is cancelled.

※ Random number feature is enabled in default

This is a security feature that keeps the pin number from being exposed by the additional random number that is added before or after the original pin number. The number to be entered including the pin number should not exceed 20 digits.

Opening Door Outside

(1) Opening by Pin Number

Touch the number pad + Enter Pin number + [#]

(2) Opening by RFID Card

- ① During Automatic Detection Mode : Place the RFID card to be registered on the card reader

- ② During Manual Detection Mode :

Touch the number pad + Place the RFID card to be registered on the card reader

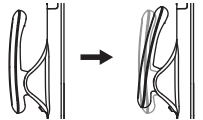
(3) Opening by Fingerprint

Press the function sensor bar + Place your registered finger on the fingerprint reader

Opening Door Inside

- Note
- Turn the handle downward within 7 seconds of opening the door or the door will lock again.

- Push the interior handle forward
While the door is closed pushing the interior handle forward will open the door.

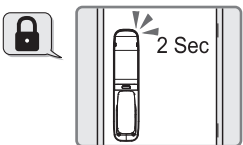


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Closing Door from Inside

Method 1 : Automatic lock mode

- The door will lock automatically after 2 seconds of closing the door



Method 2 : Manual lock mode

- After closing the door press the [Close] button and the door will lock.



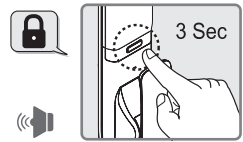
- Note
- In manual mode, when the [Close] button is pressed, the ~beep sound will be heard to signal that the door is locked

Outer Force Lock Feature

- Outside Double Lock - When enabled will not allow Pin, Card, Fingerprint entry from outside.

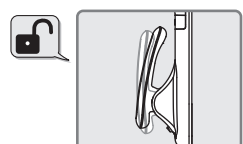
Setting

- ① After closing the door
- ② Press the [Close] button located on the inner body for 3 seconds melody will be heard, and setting is complete.



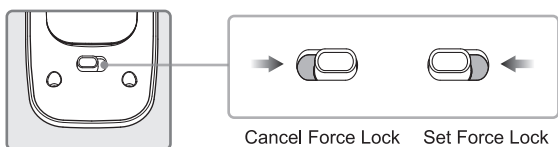
Cancellation

- ① Open the door from inside by pushing the handle or activate the [Close] button and the Internal Double Lock setting will be cancelled.



Inner Force Lock Feature

- Inside Double Lock - It is a function to block abnormal operation of the interior handle.

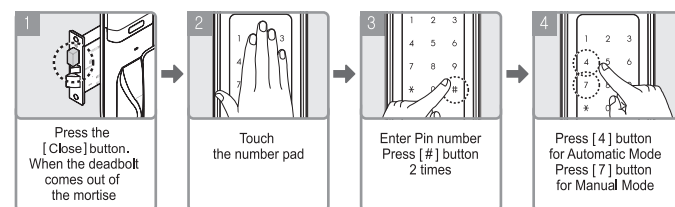


10

Automatic / Manual Lock Setting

An optional feature that lets you set the lock in automatic and manual Lock mode

Setting While the door is partially opened

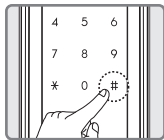


- Note
- Automatic Lock Mode is set in default. In Manual Lock Mode, the door will not lock after closing the door, instead touch the number pad outside or press the [Close] button inside to lock the door.

Sound Mute Function

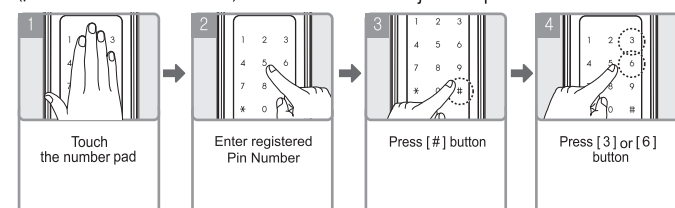
Regardless of the volume setting, This feature lets you mute the operation melody. This is per 1 time usage only. The operation sound will occur on next operation.

- ① Touch the number pad,
press the [*] button (In mute state)
- ② Enter Pin number, press [*] button, door will open.
(Number pad will blink)



Sound Volume Setting

This feature allows the user to adjust the operation sound volume per level.
(perform while door closed) ※ Sound can be adjusted up to 7 levels.

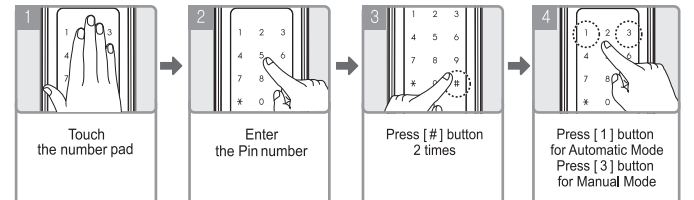


- Note
- Press [3] button to increase sound.
Press [6] button to decrease sound.
In mute mode the number pad will blink, when you press a number.
The volume level is set on high in default.

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RFID Card Automatic / Manual Detection Setting

An optional feature that lets you set the RFID Card detection to automatic and manual mode



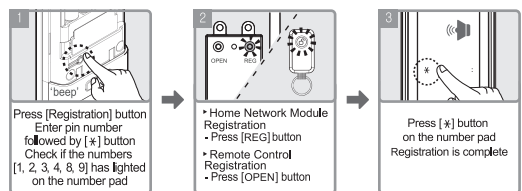
- Note
- ① In Automatic Mode,
- Place the RFID Card on the card reader and the door will open
 - ② In Manual Mode,
- Touch the number pad,
Place the RFID Card on the card reader and the door will open
- ※ Automatic Mode is enabled in default.

Home network module & Remote control setting

This feature lets you open the door remotely via home network devices and remote control (Optional)

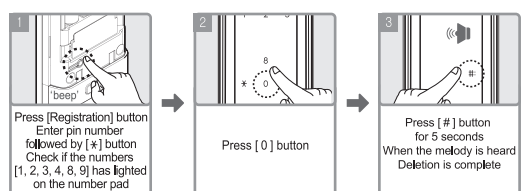
※ Home Network Module and Remote Control setting procedure is the same

Registration



- Note
- For registration of additional remote control repeat step number 2
Up to 5 remote controls can be registered

Deletion



- Note
- New registration of single remote control will delete previously registered ones. This method can be used as alternative in deleting remote control

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