



# USER MANUAL

## WDEL-9800

FIRE RATED DIGITAL AIR TIGHT AUTO LOCKING MULTIPONT MOTOR LOCK



INTERNATIONAL PATENT APPROVED: Taiwan. China  
PATENT PENDING: Australia. U.S.A. U.K. Germany. Singapore.  
Malaysia. Thailand. India. Indonesia. Philippines.

Design by Weider Metal Australia



FCC ID: 2AHAE-WDEL-9800  
IC:  
NCC:

## INTRO

Forward Innovation begins with WEIDER

WEIDER Digital Lock is an innovation to revamp the future technology of access control. WEIDER focus upon sustainable solutions combining emergence of technology and integrated solutions to optimize user satisfaction.

WEIDER understands requirements of not only safety and security but reliability.

As a true innovator and a solid foundation for secured mechanical lock, WEIDER incorporates the convenience of digital access control enhancing overall product sophistication to the next level.

Versatile in design and functionality, WEIDER Digital Lock is sophisticatedly designed to compliment any interior design environments to maximize user experience.

The results, a portfolio of solutions driven by an international, innovative and responsible mindset to shape the transformation of the architectural hardware industry WEIDER evolves in.

## Our Brands



**DANWELL**  
FAR EAST INC.

[www.weidermetal.com](http://www.weidermetal.com)

## Please read the following before using your Weider WDEL-9800 Digital door lock

- This product is designed and manufactured to assure personal safety, improper use can result in personal damage or property loss.

### Please observe the procedures for installation, use and servicing.

- Weider WDEL-9800 is a precision electronic device. All safety and operating instructions should be read before the product is operated.
- Refer all servicing to qualified service personnel. Servicing is required when the product is damaged or to be re-installed
- Check your installation conditions with the local service provider before installation as your door prep might be different from the standard this lock conforms with.
- The products warranty does not cover defects or damages arising from the door defects, improper installation, lack of or improper maintenance, improper storage , shipping and handling, ordinary wear and tear, misuse, abuse, accident, unauthorized service or use with unauthorized service parts.
- Disassembly, rework and reverse engineering are prohibited without a written approval of Weider except for a normal installation of the product.
- The trademarks, trade names, designs, copyright, patent, and other proprietary right used on or embodied in the product and this manual shall remain the exclusive property of the manufacturer, cannot be copied or used in any form without the written authorization by Weider.
- Visit our website [www.weidermetal.com](http://www.weidermetal.com) for more information on the products.
- The information on this manual is subject to change without notice.

## Important Safety Instructions

Please read the following safety instructions to prevent any accident, property damage and inconvenience. Children should be well educated for the operating instruction. Keep this manual in a convenient place so that you can refer to it when necessary.

### Caution

must be followed to protect yourself and your property.

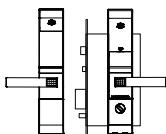
### Index

**Note (\*):** explains product functions and features

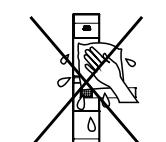
### Prohibited [Ø]

### Must observe [!]

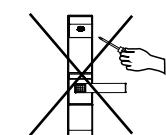
[Ø] Weider digital door lock is a precision electronic device



[!] Clean only with a dry cloth. Do not used water that can cause damage to the electronic circuit.



[Ø] Do not attempt to disassemble the unit yourself. That can cause electronic shock and product damage

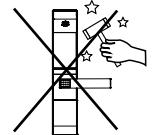


(\*) When you move, contact your local service personnel for re-installation. Check the service charge with your service provider.

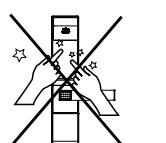


### Caution !

[Ø] Do not use an inappropriate tool that can cause damage or malfunction of the product



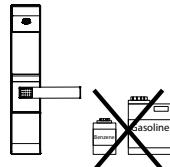
[Ø] Handle the unit with care. Excessive force, careless handling may cause product damage.



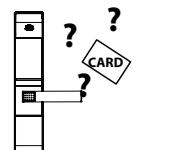
[!] Be careful not to give an unauthorized user your security code. Change your code periodically



[Ø] Do not used water and any type of solvent such as gasoline or benzene as they cause damage to electronic circuit, deterioration and/or paint peel-off



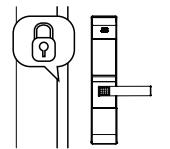
[!] Do not have your card key lost or stolen. Immediate re-registration of all remaining keys is required to invalidate lost key.



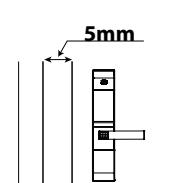
[!] Educate your children about the proper use of the product



[!] Make sure the door is securely locked whenever you leave your house.



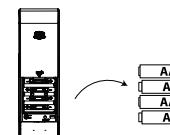
[!] Make sure the distance between the door and door frame is not widened more than 5mm



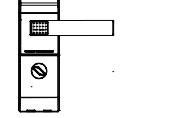
[!] Keep card key reader portion clean and dry. Dust off dirt smoothly with a soft cloth.



[!] Remove all of the batteries before installing.



[!] When changing your batteries please ensure all batteries are changed at once and brands are remained constant



[!] When changing your AA batteries it is recommended to use Alkaline Batteries to ensure longer lasting battery life.

## Overview

### Proximity Card Identification

You can use your ISO 14443 A type & B type RFID credit card or pass card as your key card.

### Triple Access

You can unlock the door by the key card, the security code or the mechanical key at your convenience. You do not need to worry about accidental lockout by losing or forgetting your key.

### Easy Re-Registration of Keys

If you lose a key, you can invalidate the lost key by re-registering all other keys. you can register up to 50 Key Cards to add users.[ If increased user quantity is needed please contact your authorized dealer.]

### Anti-Collision

Contacting multiple cards does not cause error to the lock. The card key reader will recognize the card key among a pack of card

### Easy and Simple Operation

One-touch operation allows every user including children and senior the simplest use.

### Auto Locking

Just closing the door will automatically lock the door.

### Smart Pad

Keypad displays functional operation with LED lighting.

### Break-in / Damage Alarm

Alarm will go off if anyone attempts to damage the lock or forces the door open or even when external V9 battery is used.

### Verification with The Palm

The security code is verified by palm touching to randomize any finger print residues on the keypad so protect from exposing it.

### Emergency Power Supply

When the batteries are completely discharged user can easily supply emergency power to the lock with the 9V battery.

\*As Weider WDEL9800 is a high security electronic digital lock it is highly recommended to ask your local installer to snap off the external 9V battery supply to prevent exterior digital hacking.

### Volume Control

You can change the volume. The break-in alarm still operates even if the silent mode is on.

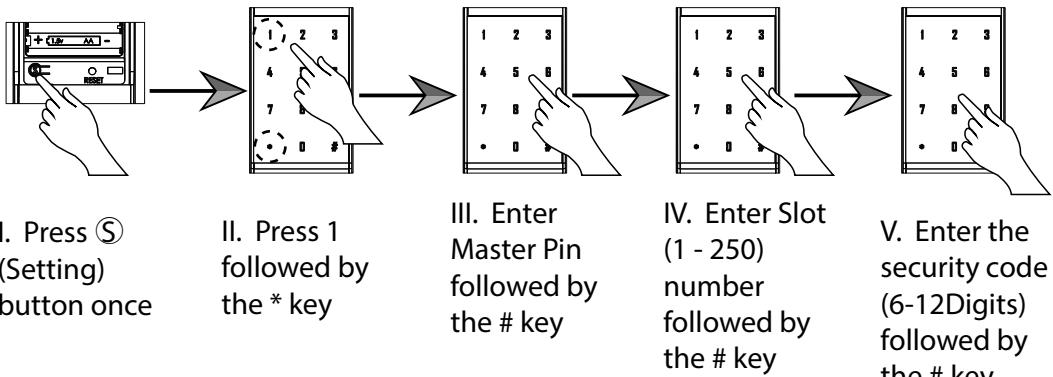
### Forced Lock Mode

Internal forced lock prevents anyone to unlock from the outside through digital method and external forced lock makes only manual thumbturn from the inside and manual key from the outside available to unlock the door.

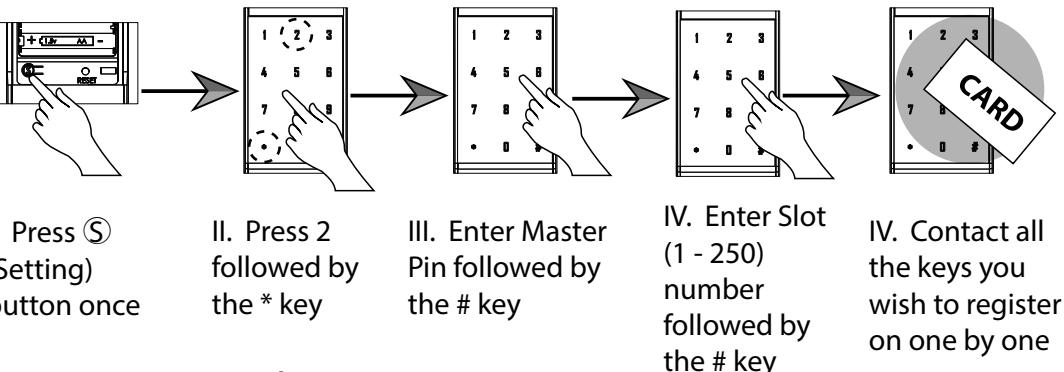
### Basic Operation [!]

Please do remember below **Operating Instructions!**

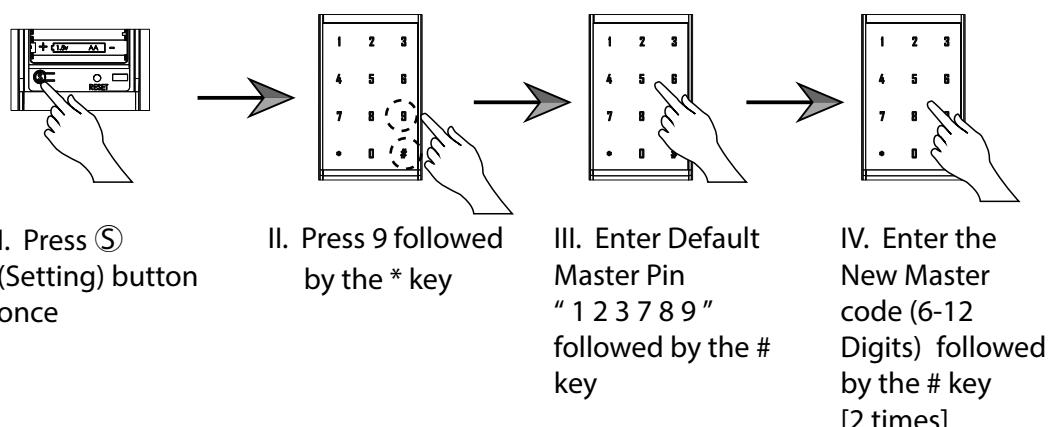
#### 1. Security Code Registration



#### 2. Key Card Registration (Normal User)

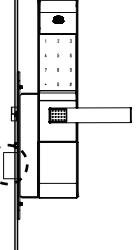


#### 3. Master Code Registration

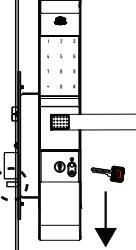


#### 4. Locking the Door from the Outside

I. The automatic lock shuts and locks the door immediately once the door is closed



II. For extra security, additional forced locking bolt can be activated with a mechanical key (available in Advanced and Flagship Model)



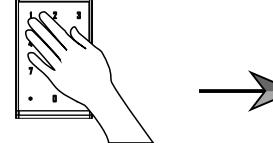
#### 5. Unlocking the Door from Outside

**OR**

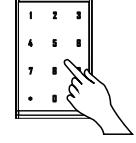
I. Contact key card



I. Wake up the lock from sleep mode with the palm touch

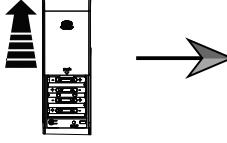


II. Enter the security code and retouch the lock with the palm

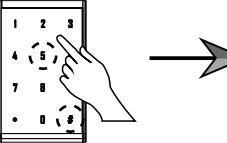


#### 6. Volume Control

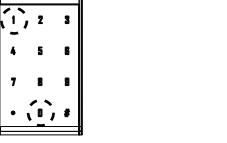
I. Press  $\odot$  button



II. Press 5 followed by # key

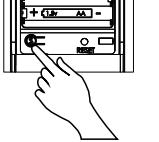


III. Press 1 (activate) 0 (disable) followed by the # key

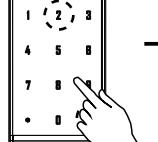


#### 6.1 Volume Control (available in Flagship Model)

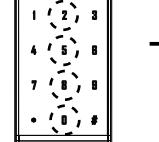
I. Press  $\odot$  button



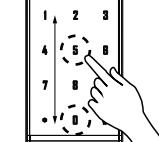
II. Press 2 followed by # key



III. Exterior key pad will indicate current volume

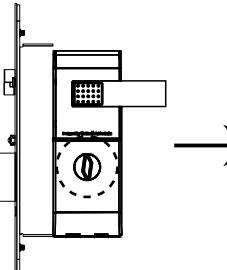
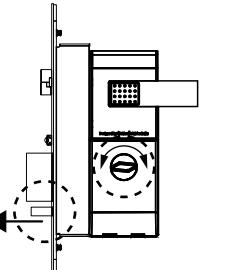


IV. Press either 0,8,5 or 2 in selection of adjustment volume

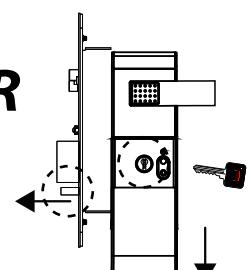


\*NOTE: 0 indicating mute, 8 indicating low volume, 5 indicating normal volume and 2 indicating loud volume

#### 7. Forced Locking (available in Advanced and Flagship Model)

**OR**



I. Forced lock mode from inside

i. Turn thumb-turn from inside activates forced locking (clockwise)

ii. Turn thumb-turn from inside de-activates forced locking (anti-clockwise).

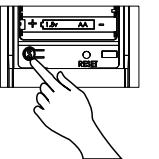
II. Forced lock mode from outside

i. Use mechanical key to activate forced locking (anti-clockwise).

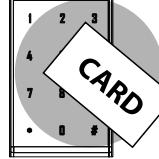
ii. Use manual key to activate forced locking (clockwise).

#### 8. Turning off the Siren

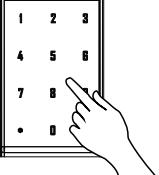
**OR**



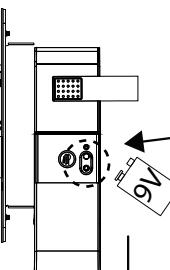
I. Press  $\odot$  button for 5 seconds to disable Siren



II. Enter the security code and retouch the lock with the palm



#### 9. 9V External Battery

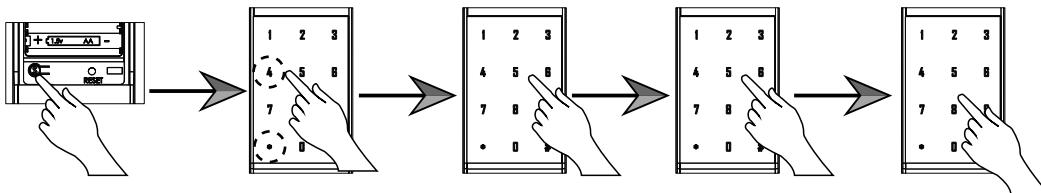


I. 9V battery can be used to supply emergency electricity power to the unit.

\*As Weider WDEL9800 is a high security electronic digital lock, it is highly recommended to ask your local installer to snap off the wire for the external 9V battery supply to prevent exterior digital hacking.

Once done so, when digital power fail mechanical key can be used to unlock WDEL9800 unit.

## 10. Delete Security Code (available in Advanced and Flagship Model)



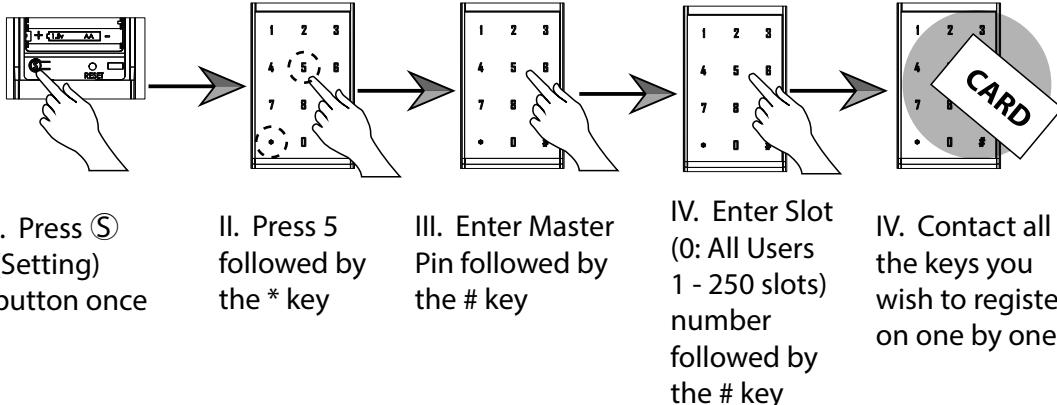
I. Press **S**  
(Setting)  
button once

II. Press 4  
followed by  
the \* key

III. Enter  
Master Pin  
followed by  
the # key

IV. Enter Slot  
(0: All users  
1- 250 slots)  
number  
followed by  
the # key

## 11. Delete Key Card (available in Advanced and Flagship Model)



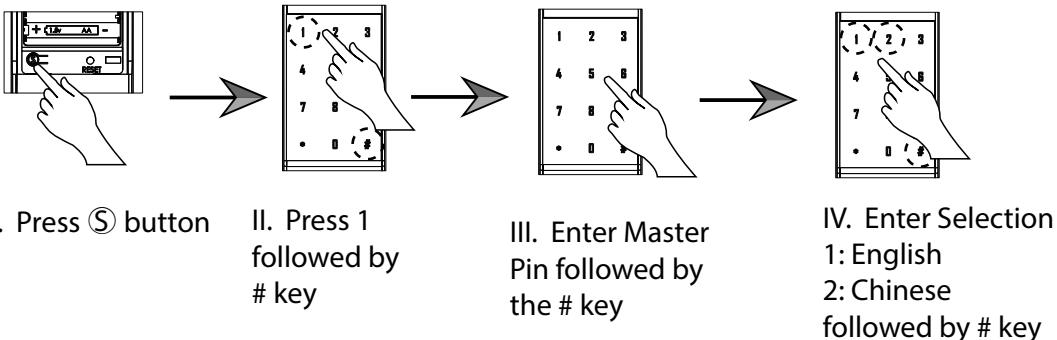
I. Press **S**  
(Setting)  
button once

II. Press 5  
followed by  
the \* key

III. Enter Master  
Pin followed by  
the # key

IV. Contact all  
the keys you  
wish to register  
on one by one

## 12. Voice Instruction: Language Selection (available in Flagship Model)



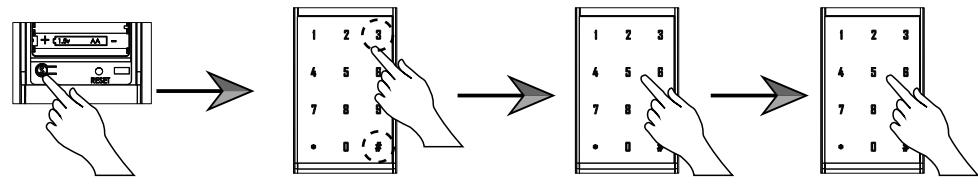
I. Press **S** button

II. Press 1  
followed by  
# key

III. Enter Master  
Pin followed by  
the # key

IV. Enter Selection  
1: English  
2: Chinese  
followed by # key

## 13. Security Mode (available in Advanced and Flagship Model)



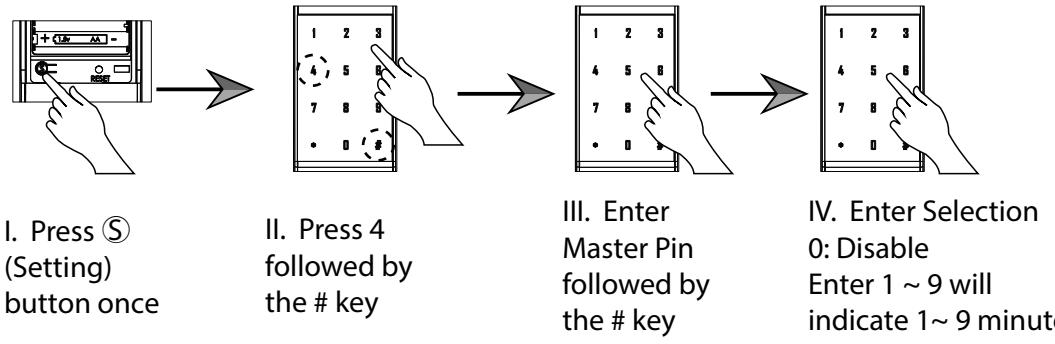
I. Press **S**  
(Setting)  
button once

II. Press 3  
followed by  
the # key

III. Enter  
Master Pin  
followed by  
the # key

IV. Enter Selection  
0: Disable  
1: Enable  
followed by # key

## 14. Unclosed Door Warning (available in Advanced and Flagship Model)



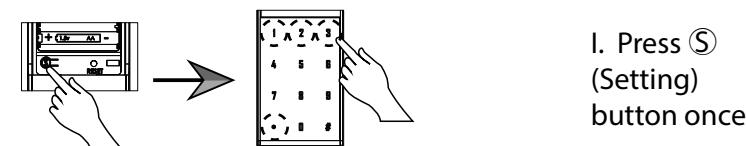
I. Press **S**  
(Setting)  
button once

II. Press 4  
followed by  
the # key

III. Enter  
Master Pin  
followed by  
the # key

IV. Enter Selection  
0: Disable  
Enter 1 ~ 9 will  
indicate 1~ 9 minutes  
followed by # key

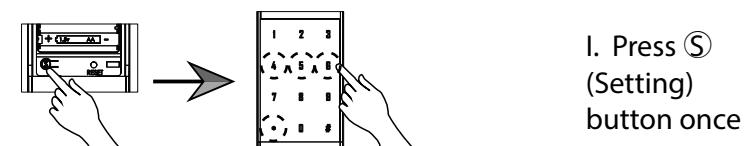
## 15. Registered PIN Usage Check (available in Flagship Model)



I. Press **S**  
(Setting)  
button once

II. Press 123  
followed by  
the \* key

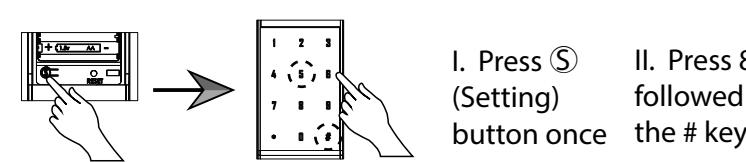
## 16. Registered CARD Usage Check (available in Flagship Model)



I. Press **S**  
(Setting)  
button once

II. Press 456  
followed by  
the \* key

## 17. Full System Check (available in Flagship Model)



I. Press **S**  
(Setting)  
button once

II. Press 8  
followed by  
the # key

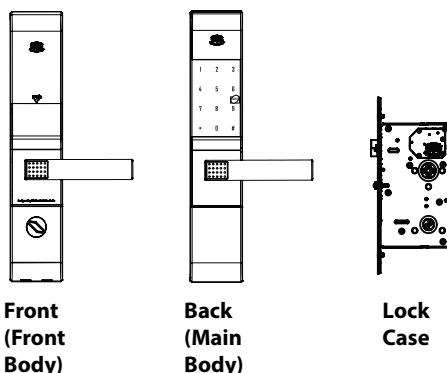
III. Enter Master  
Pin followed by  
the # key

## Specifications

Parts	Specifications	Remarks
Front [Front Body] [ H x W x D ]	336 x 68 x 27mm Zinc Die-Cast	Operating Temperature: -15 ~ 55 degrees celcus
Back [Main Body] [ H x W x D ]	330 x 68 x 27mm Zinc Die-Cast	
Lever Handle	Non Magnetic Stainless Steel	
Key Cards	6 PCS	Up to 40 Keys [Sold Separately]
Battery	4 PCS 1.5V AA Alkaline Batteries (Operating Voltage 4.5-6V)	Last up to 10 months (10 times used a day)
Lock Case	Zinc Plated Steel and Stainless Steel 304	

- I. Battery life may vary depending on temperature, moisture levels, frequency of use and quality of batteries.
- II. Please make sure that all parts are included at point of purchase manufacturer will not be responsible for missing part(s) of product after purchase.
- III. Optional products model and accessories may be available depending on your country or local dealer

## Basic Content

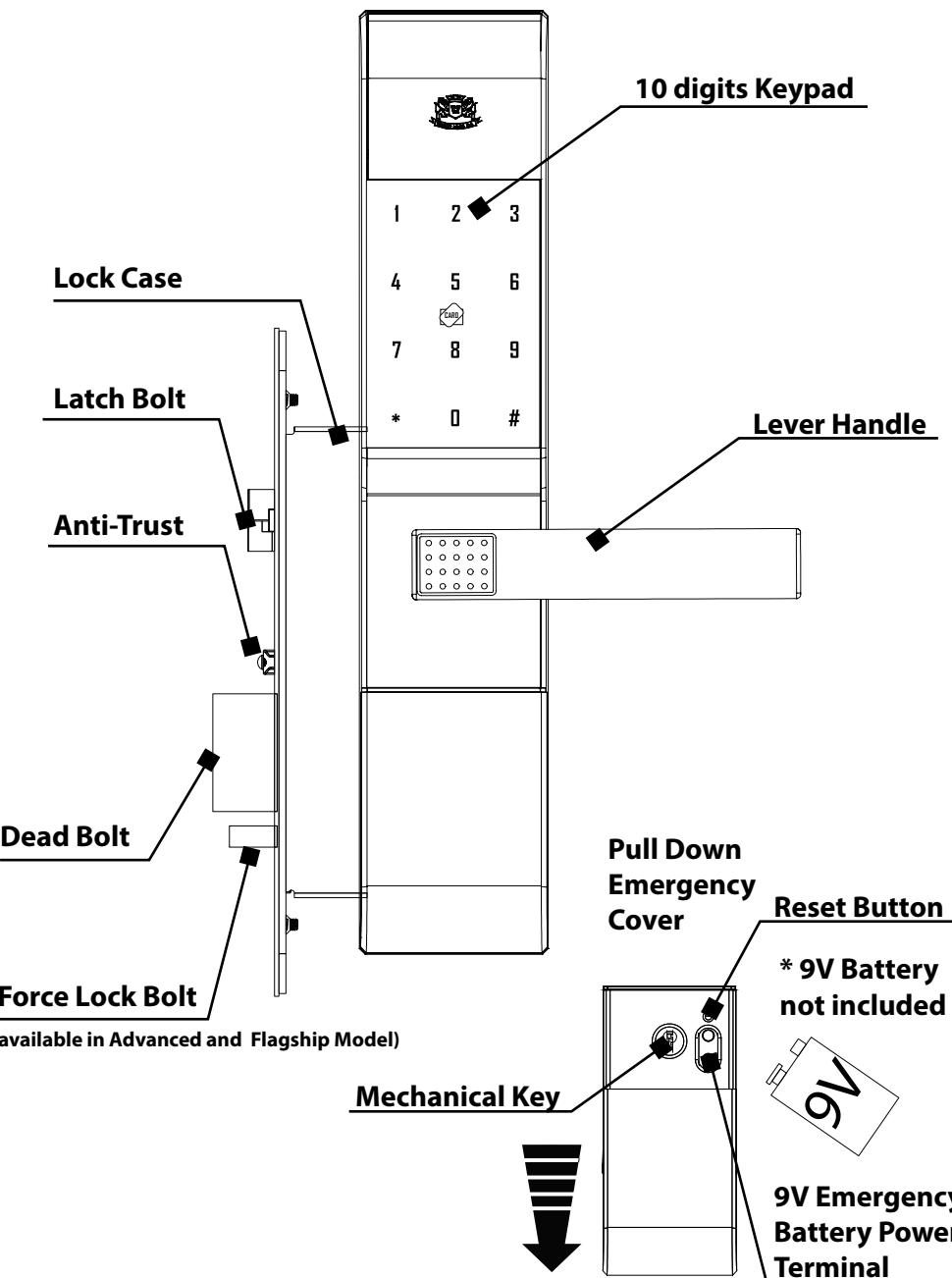


- 6 Key cards
- 3 Mechanical keys
- Fixing Screws
- 4 Alkaline Batteries
- Installation template
- User Manual

## Identification of Product

### 1. Front (Front Body)

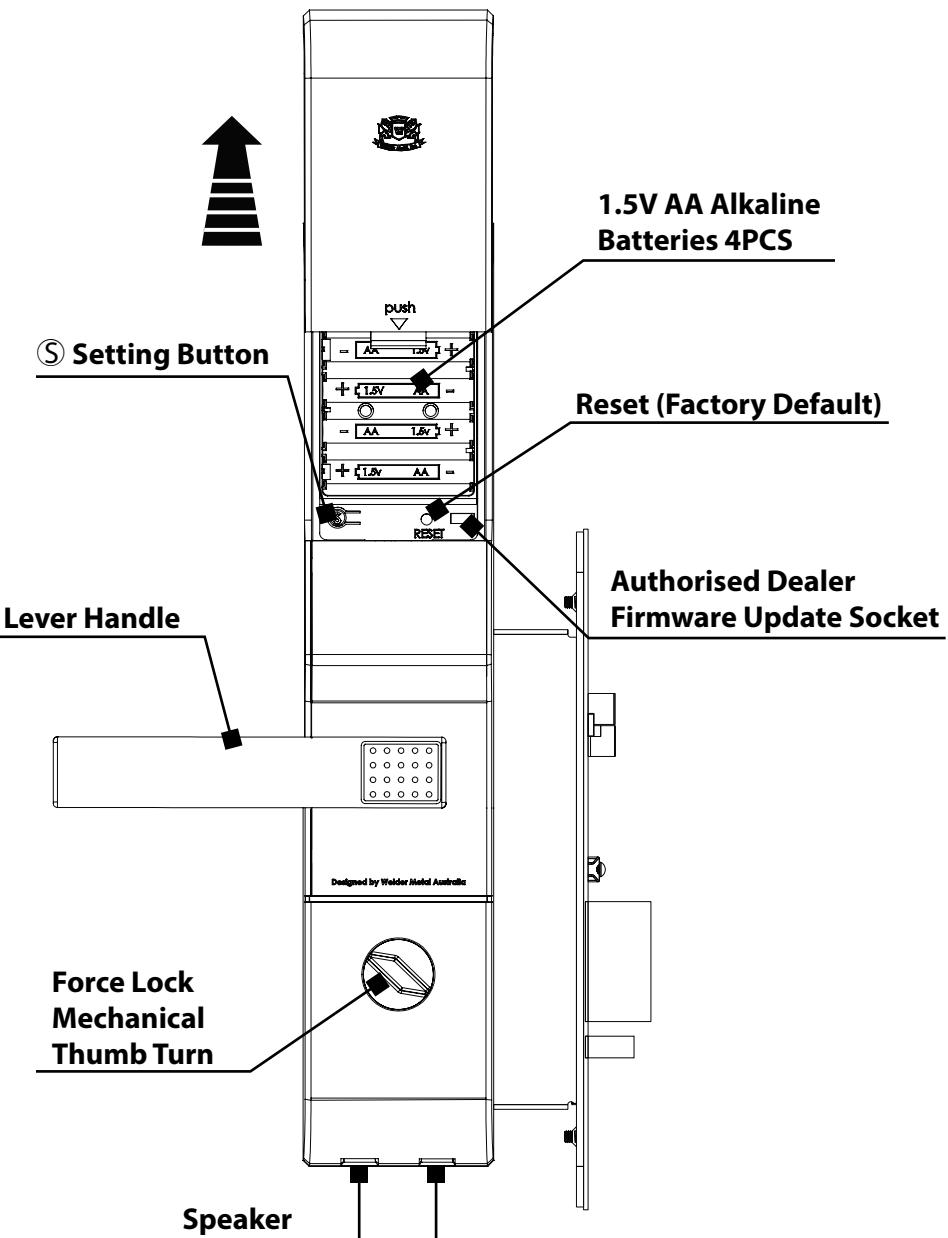
#### Installed on the Outside Door



## Identification of Product

### 2. Back (Main Body)

Installed on the Inside Door



## How to Use

### Caution

Keep the door open while you register key cards to prevent from accidental lock outs.

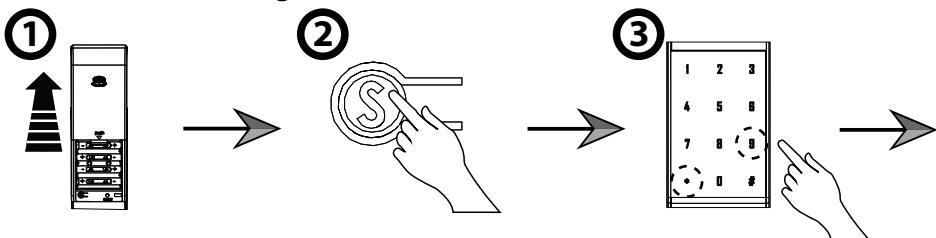


### Default Master Code

Factory Default Master code is "1 2 3 7 8 9"

It is recommended to register the Master Code with a different password to prevent security data being breached or prevention of data being altered

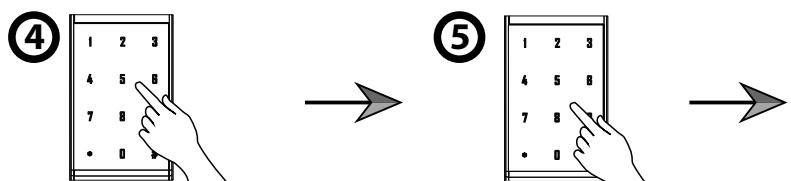
#### 1. Master Code Registration



I. Slide the main body battery cover upwards

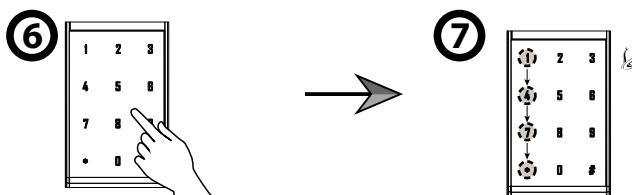
II. Locate and Press ① (Setting) button once

III. Press 9 followed by the \* key



IV. Enter Default Master Pin "1 2 3 7 8 9" followed by the # key / or enter your existing Master Code

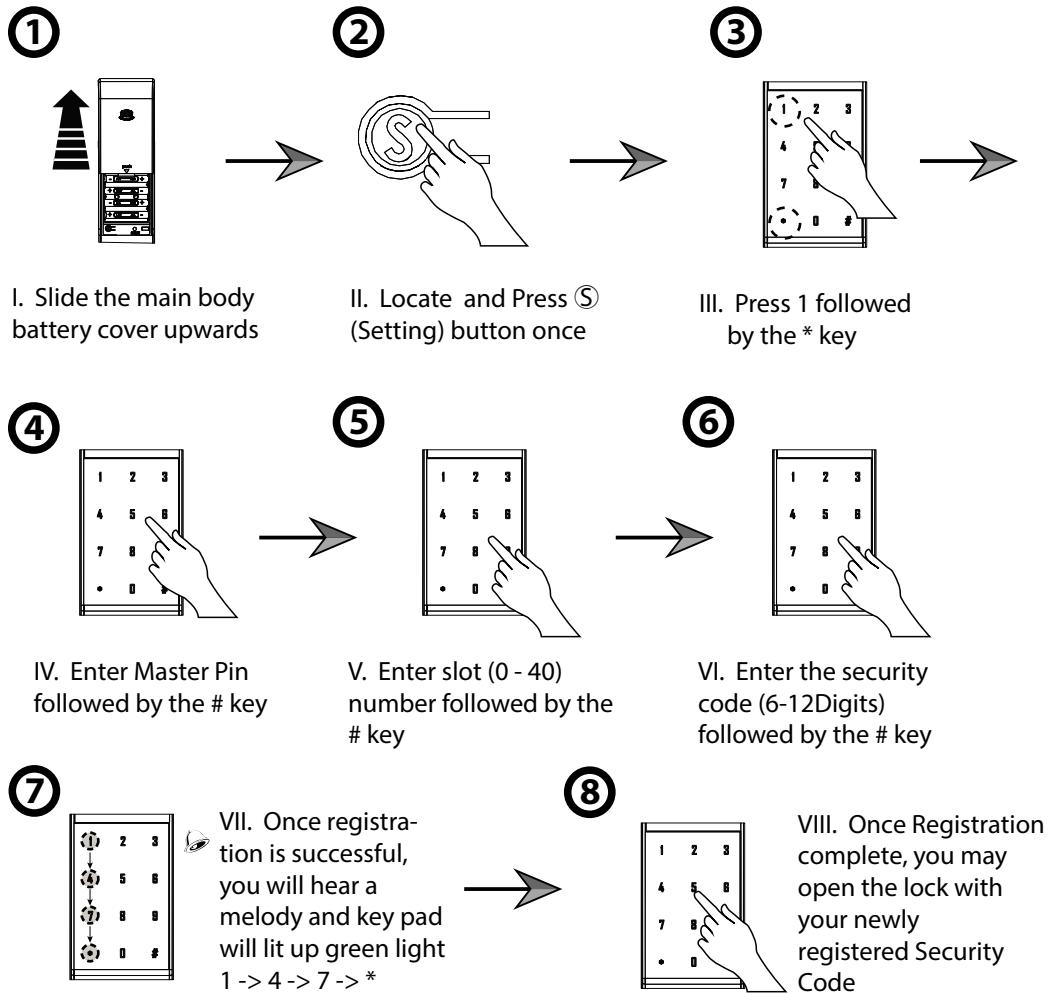
V. Enter New Master Code (6-12Digits) followed by the # key



VI. Re-Enter New Master Code (6-12Digits) followed by the # key

IV. Once registration is successful, melody will sound and key pad will lit up green light 1 -> 4 -> 7 -> \*

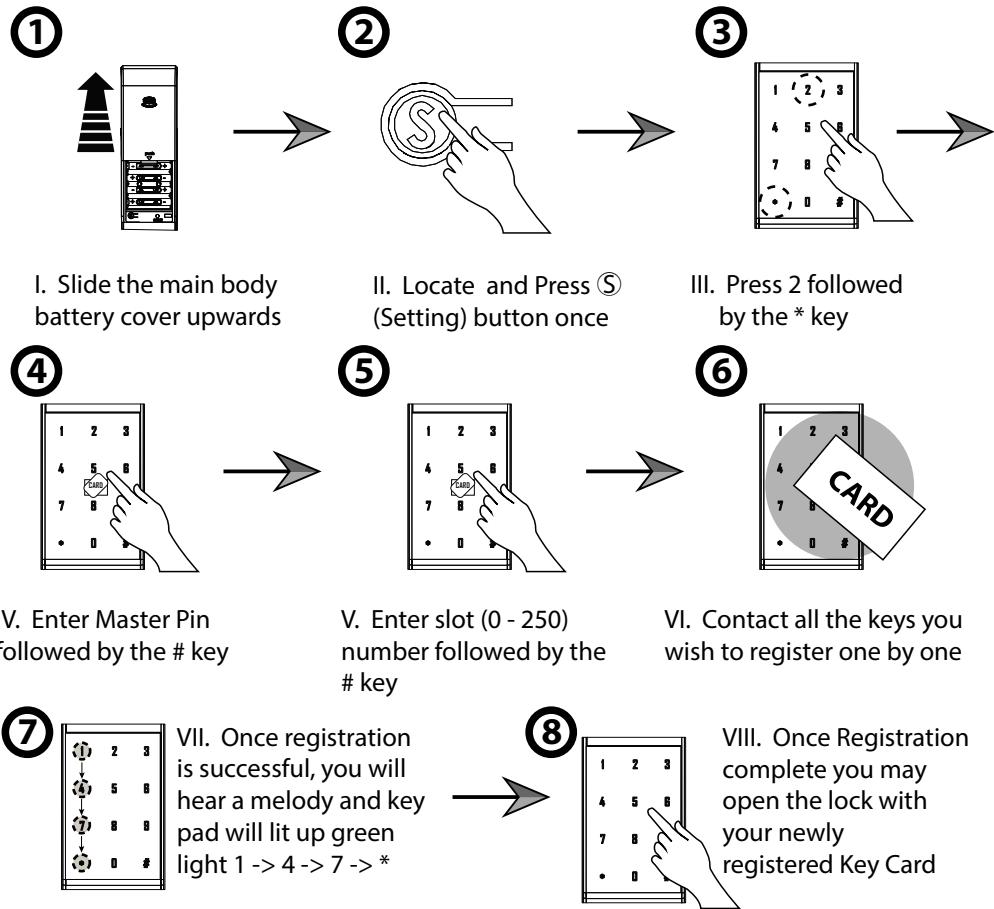
## 2. Security Code Registration



### Note

- I. Set a code within 6 ~ 12 Digits using only the numbers on the key pad  
xxx xxx ~ xxx xxx xxx
- II. The pre-set security code will automatically overwrite with a new security code

## 3. Key Card Registration (Normal User)



### Note



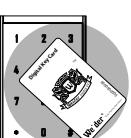
Depending on region and model 3-6 key cards are provided at the purchase and you can register up to 40-250 key cards



Contact your local dealer for additional key cards

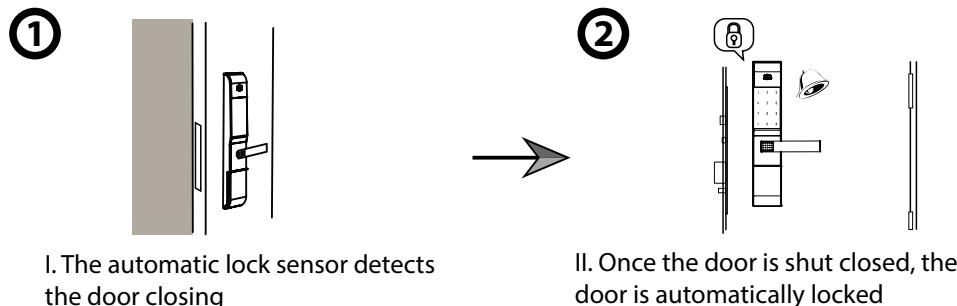


ISO 14443 A Type RFID card can be registered as your key card



If you lose your current key card, re-register all the remaining keys to invalidate the lost key card

#### 4. Locking the door from outside

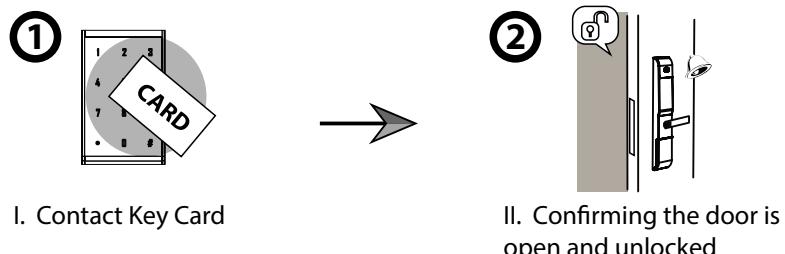


#### 5. Unlocking the Door from Outside

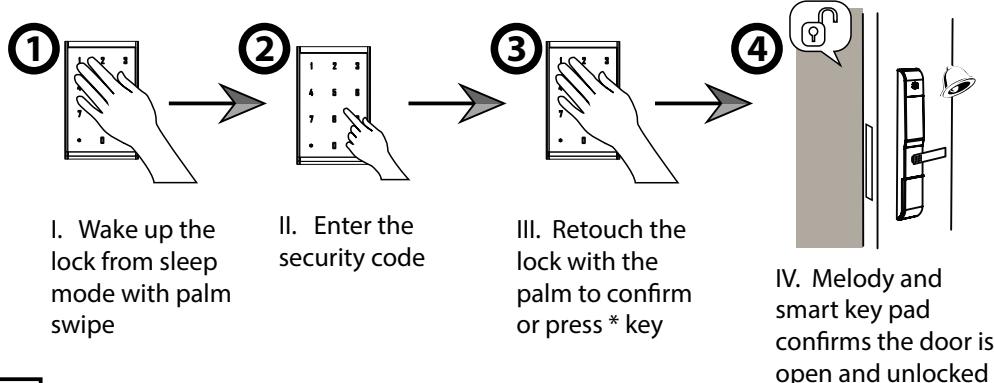
##### Note

- I. The keypad cannot be operable when wearing the glove
- II. Swiping your palm across the key pad or pressing \* button do the same function after entering the security code
- III. If the key card does not work properly, please contact the key card after touching the keypad with the palm

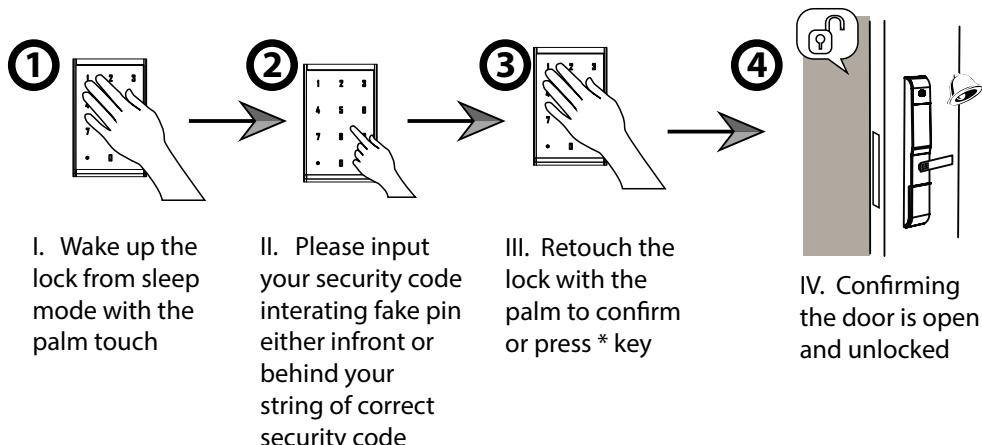
##### 5.1 Unlocking the Door with Key Card



##### 5.2 Unlocking the Door with Security Code



#### 6. Unlocking the Door with Integration of Fake Pin Code



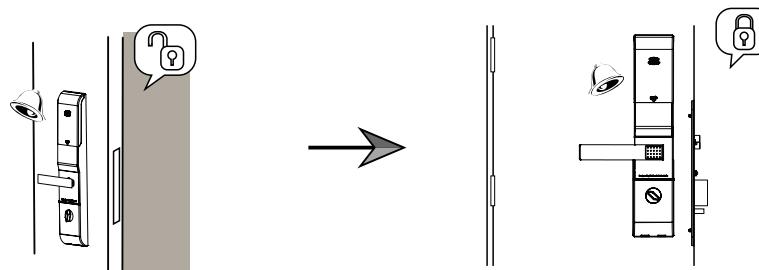
##### Unlocking the Door with Integration of Fake Pin Code Combination

- ① Fake Pin + Correct Pin + Fake Pin
- ② Fake Pin + Correct Pin
- ③ Correct Pin + Fake Pin

##### Caution

- I. When any incorrect PIN codes are inputted five times in a row, the system will automatically turn itself to lock down mode for three minutes
- II. When lock down mode function is activated, the user cannot use the fake PIN code function until any normal verification through mechanical key, key card, fingerprint, PIN Code or opening the lock from inside is made. User is encouraged to use the correct PIN Code without any Fake Pins to verify the lock
- III. User is advised to use the fake PIN code feature whenever there is any chance of exposing the correct PIN code to others

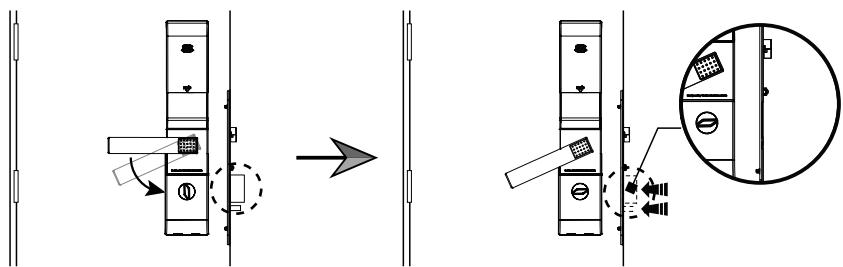
## 7. Locking the Door from the Inside



### I. Automatic Lock mode:

The automatic lock sensor within the lock detects the door closing shut. Once the door is closed shut, the device will lock the door immediately.

## 8. Unlocking the Door from the Inside



### I. Escape Function Mode (Fire Detection Escape Function):

By pushing down the lever handle

- i. will retract the dead bolt all at once
- ii. will retract the dead bolt and forced bolt all at once

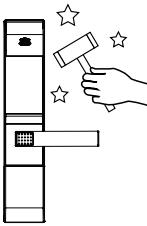
## 9. Forced Lock Mode (available in Advanced and Flagship Model)



- I. Once the door is closed shut, slide the cover down and use the provided mechanical key and turn anti-clockwise to activate force lock mode

- II. Once the door is closed shut, turn the thumbturn clockwise to activate force lock mode

## 10. Break-in / Damage Alarm

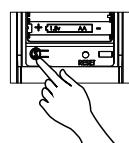


### Warning

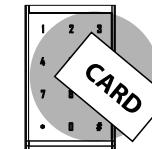
If the lock is being damaged or anyone who tries to break-in by force while the door is locked will activate in internal 80dB Siren

### I. Turning of the Siren:

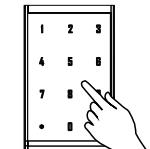
There are 3 approaches to turning off the siren. You can choose the following options



**OR**



**OR**



- I. Press **S** button for 5 seconds to disable Siren

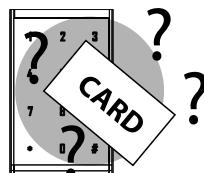
- I. Contact key card

- II. Enter the security code and retouch the lock with the palm

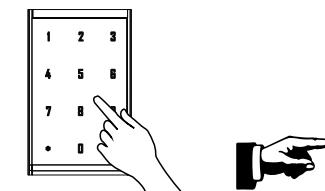
## 11. Wrong Passcode Lockout

### NOTE

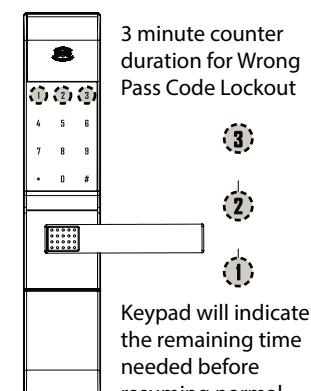
- I. Keypad function is disabled for 3 minutes. [Wrong Passcode Lockout]
- II. The break-in and damage siren will work regardless of this function



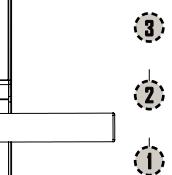
- I. By using an unverified key card in attempt to open the door over 5 times will result in the activation of Wrong Pass Code Lockout



- II. By using an unregistered security code in attempt to open the door over 3 times will result in the activation of Wrong Pass Code Lockout



3 minute counter duration for Wrong Pass Code Lockout



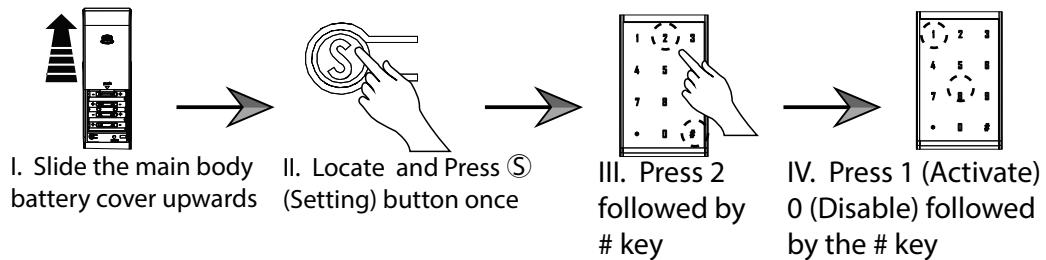
Keypad will indicate the remaining time needed before resuming normal operation

- III. Once the 3 minute Lockout completes, the system will automatically resume its normal operation. You can also choose to press the **S** button from the internal lock set for 5 seconds, the system will also resume its normal operation

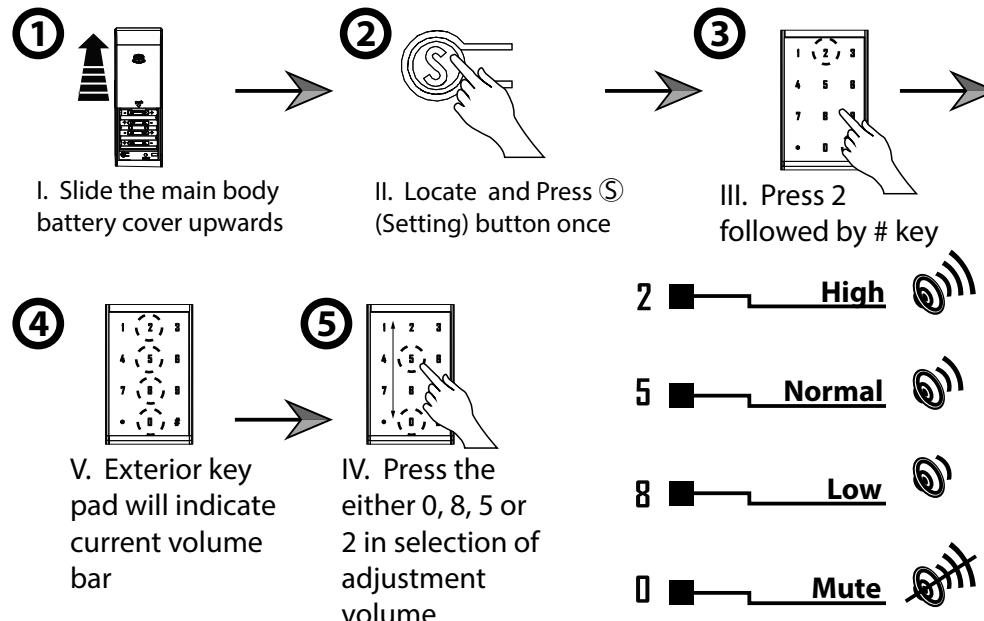


Press **S** button for 3 seconds to disable Lockout function

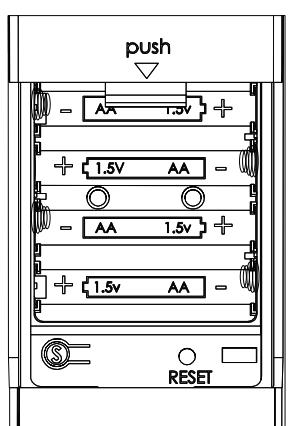
## 12. Volume Control



### 12.1 Volume Control (available in Flagship Model)



## 13. Battery Replacement



### 1.5V AA Size Alkaline Battery



Battery life may vary due to the climate of each region. Temperature, moisture, frequency of use, and the quality of the batteries used may also decrease the usage life of operation.

This product uses four (4) 1.5V Alkaline Batteries which is tested to last for approximately 10 months on the condition of 10 times open+close cycles / day.

## Battery Replacement Warning

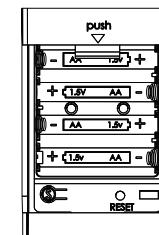
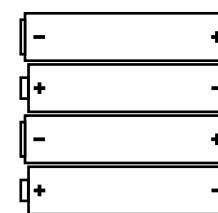


I. Orange LED light will blink along with a melody to indicate low battery warning. [Please use Quality and Certified 1.5V AA Alkaline Battery]

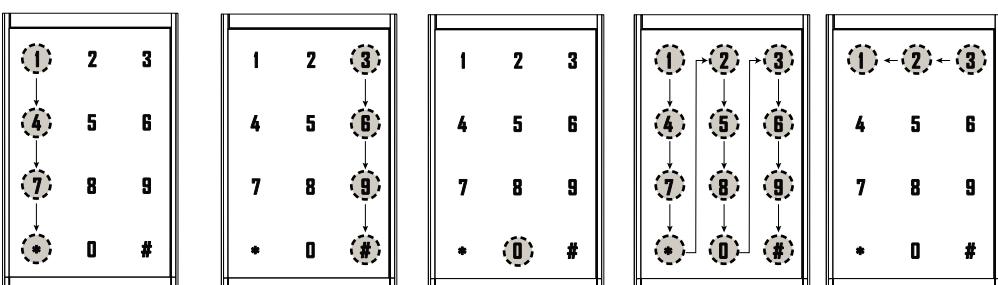
II. When replacing new batteries, please do not mix battery brands or mix new and old batteries

### Warning

- I. Always Check + - directions when inserting batteries
- II. Use Quality and Certified Alkaline Batteries. It will be users responsibility for damages caused by using generic batteries
- III. Risk of explosion if battery is replaced by non-alkaline AA battery
- V. Dispose of used batteries according to the instruction



## 14. Display Operation Status (Smart Pad)



Approved

Decline

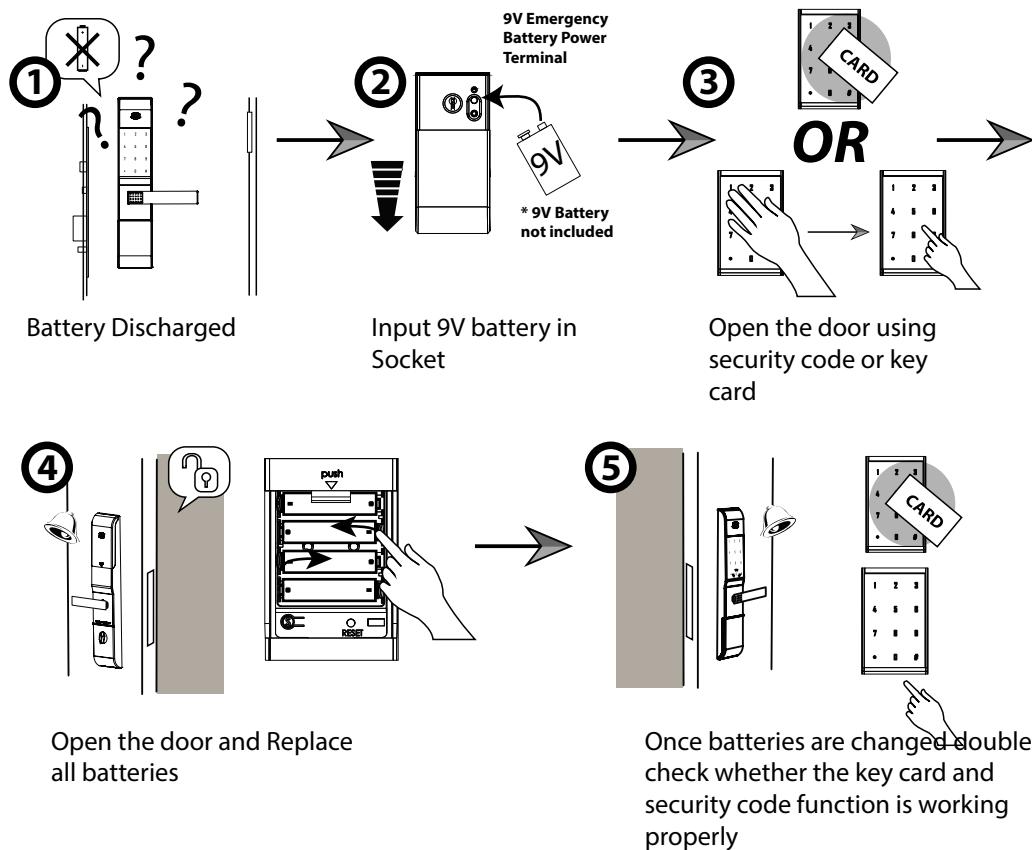
Low Battery

Break-in /  
Damage  
Warning

Trial  
Exhausted-  
Lockout  
Warning

## 15. Emergency Power Supply

If the batteries are completely discharged, user can choose to use 9V battery from the external body to supply electricity to the unit. User must unlock with the key card, security code or mechanical key while the 9V battery is in contact with the 9V socket on the body. Discharged battery should be changed immediately once user opens the door.

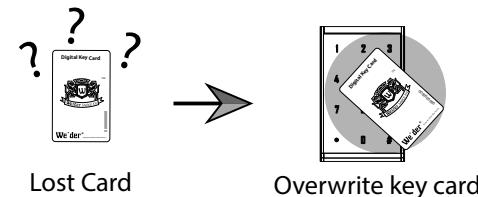


### Warning

\*As Weider WDEL9800 is a high security electronic digital lock it is highly recommended to ask your local installer to snap off the wire for the external 9V battery supply to prevent exterior digital hacking. If in occurrence that all battery have been discharged, it is recommended to use a mechanical key to override and unlock your door.

## 16. Lost Card

If you lose one of your card, you must re-register and overwrite the rest of the key cards to ensure the missing card is invalidated.



### Caution

You must ensure to enter security code in case you lose your key card or when you forgot to carry your key card. or it is recommended to bring your mechanical key in case of battery discharge, malfunction or any issues.

It is users liability to break the lock because the user did not register any security code or did not bring their mechanical key.

## 17. Product Malfunction / Troubleshooting

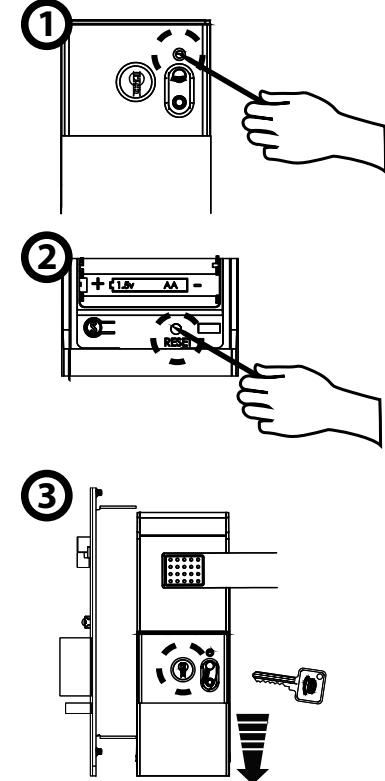
Use a pin and any sharp device to press the reboot button located at the top of the 9V emergency power terminal. By doing so, the system will reboot and user will not lose any data stored within the device unit.

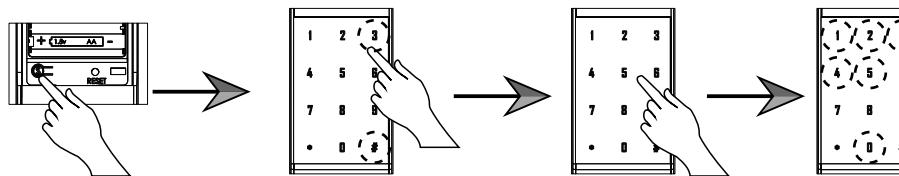
If the above reboot function did not resolve the issue, user can use a pin and any sharp device to press the hard reset button located on the right hand side below the battery box and at the same time removing the batteries. By doing so, the system will perform a hard reset [Restores Factory Default] and user will lose all data stored within the device unit.

If all the above method did not resolve the issue that you are experiencing, please use a emergency mechanical key to perform normal non-electrical operation and please call your after sales service personnel to perform technical maintenance

### Caution

Keep your mechanical key in a safe place. Otherwise you may not get a free after sales service even within during the warranty period



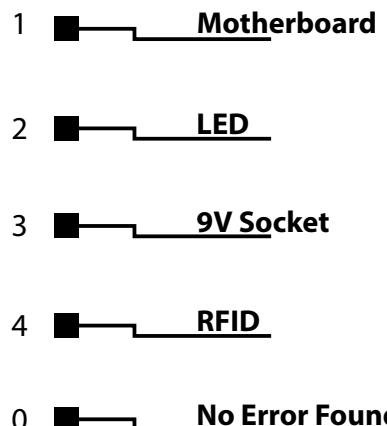
**④****Troubleshoot Diagnosis** (available in Flagship Model)

I. Press **S**  
(Setting)  
button once

II. Press 8  
followed by  
the # key

III. Enter  
Master Pin  
followed by  
the # key

IV. LED Smart  
Screen Diagnosis  
will identify  
hardware issue

**Troubleshoot Diagnosis Identification Chart****FCC Statement:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC ID: 2AHAE-WDEL-9800**

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

#### ***Taiwan regulatory information (NCC)***

低功率電波輻射性電機管理辦法 第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

***IC:***

***NCC:***

#### **NOTES**

##### **Key Card Slot**

1._____	8._____	15._____
2._____	9._____	16._____
3._____	10._____	17._____
4._____	11._____	18._____
5._____	12._____	19._____
6._____	13._____	20._____
7._____	14._____	21._____

##### **Security Code Slot**

1._____	8._____	15._____
2._____	9._____	16._____
3._____	10._____	17._____
4._____	11._____	18._____
5._____	12._____	19._____
6._____	13._____	20._____
7._____	14._____	21._____

