



Digital Door Lock

User Guide YDM4109+



PLEASE READ INSTRUCTIONS BEFORE USE.

The functions and design of this product can be changed without prior notice for performance and quality improvement.

INTRODUCTION

Thank you for choosing a Yale Digital Lock.

The new Yale Digital Lock uses the latest technology to make life so much easier.

This user manual enables you to operate the product safely and to its full potential.

Be sure to read this completely before using the Yale Digital Lock product.

Unlock your life!

The world's favorite lock



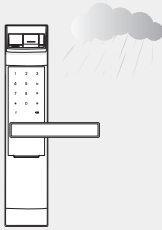
CONTENTS

Safety Precautions	04
Product Features	05
Components Overview	06
Specifications	07
Identification	08
Quick Menu(Advanced mode)	10
Creating Master code	11
Quick Menu(Normal mode)	12
Configuration	14
Advanced mode	
Change the Master code	14
Register and delete User code	15
Register and delete fingerprint	16
Register and delete Onetime code	17
Delete All Credentials	18
Lock Setting	19
Register and delete Remote control	20
Register and delete Controller	21
Normal mode	
User Code registration fingerprint registration	22
How to Use	23
Unlocking Door with Code	23
Unlocking Door with fingerprint	23
Locking the door	24
Unlocking the door from the inside	25
Safe Handle Setting Open Door with fake Code	26
External Forced Lock Internal Forced Lock	27
Automatic / Manual Lock Volume	28
Break-in Alarm 3-minute Lock Out Feature	29
Emergency mechanical key override	30
Emergency Power	31
Emergency power supply for discharged batteries	31
Power supply	31

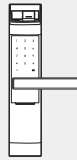
Safety Precautions

Please read this carefully

Do not install the digital door lock in an outdoor environment



Do not attempt to disassemble the digital door lock by your self. By doing so, you may get an electronic shock and damage the product.

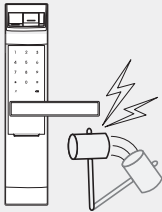


An infant and some users who have unusual fingerprints (those which are difficult to register) may not be registered for fingerprint verification.

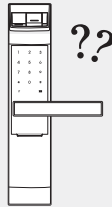


※ Scan-type fingerprint modules do not recognize fingerprints with water or foreign materials and set off alarm sounds.

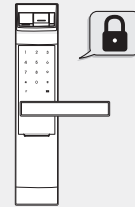
Do not use force with a tool onto the product.



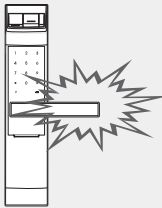
Please keep your Code safely.



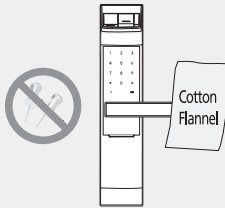
Make sure to lock the door tight when you go out.



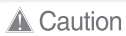
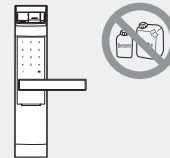
Be careful not to hit the handle as it may cause injuries.



For total peace of mind, please store your back up key in a safe & convenient place after the door installation is complete.



Do not use water and any type of solvent to clean the product such as gasoline or benzene as they can cause damage to electronic circuit, deterioration and or paint peel-off.



Caution

Make sure to follow the above instructions to avoid any injuries or damages on the properties .

Product Features

1 Alarmed Door Lock

Yale Digital door lock has a built in damage alarm. If the keypad area is damaged an alarm will sound.

2 One-touch Fingerprint Verification Method (Easy Scan)

Easy Scan technology has been applied to conveniently read a fingerprint in one shot.

3 Electronic Code System

You can open the door conveniently with Code.
Yale Digital door lock gives you the freedom and convenience of key-free.

4 Emergency power back up

9V battery source is available if your batteries run out.

5 Fake Code

To prevent the Code being exposed.
Yale Digital door lock allows you to enter decoy numbers before or after entering your Code.

6 Auto Locking

The handle automatically disengages on the outside once you have entered your home, preventing anyone from following you.

7 Remote control System (Optional)

Use a Remote control to unlock/Lock your door "remotely".

8 Zwave / Zigbee (Optional)

Use them to connect with Controller.

9 BLE (Optional)

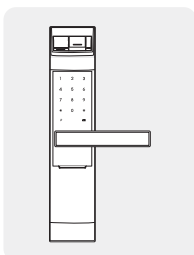
Use it to pair with Smartphone.

Components Overview

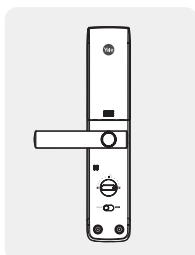
Basic Contents

The contents of this product may be subject to change without notice for performance or quality improvement.

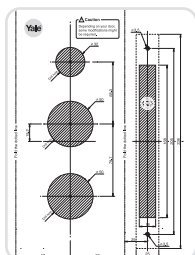
› Basic Contents



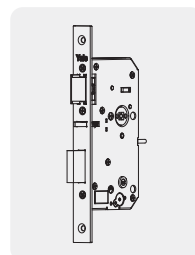
Front (Front Body)



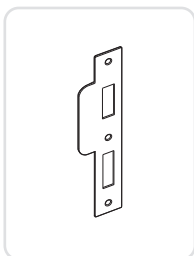
Back (Main Body)



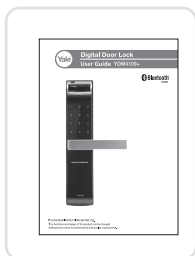
Installation Template



Lock case



Strike Plate



Users Guide

4 AA Batteries
Emergency Keys
Screws

› Optional Accessory

- Remote controller
- Remote control module
- Z-wave module
- Zigbee module
- BLE module

Specifications

Specifications

Parts		Specifications	Remarks
Front (Front Body)		68,6(W) X 320,7(H) x 40,1(D)mm Zinc die-casting	Operating temperature : -15~55°C (5~131 °F)
Back (Main Body)		72,8(W) X 306,6(H) x 37,0(D)mm Fiber-glass	
Lever		Zinc die-casting	
Battery		4EA 1.5V AA alkaline batteries (Operating voltage: 4.5 ~ 6 V)	Last up to 1 year (10 times used a day)
Lock case		Steel and SUS304	
Option	Remote Control	Wireless	Optional
	Z-wave		
	Zigbee		
	BLE module		

- ※ Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.
- ※ Please make sure that all parts are included when purchasing the product.
- ※ Optional products may not be available depending on your country or local dealer.



Packaging of this product can be recycled.



WEEE Note:

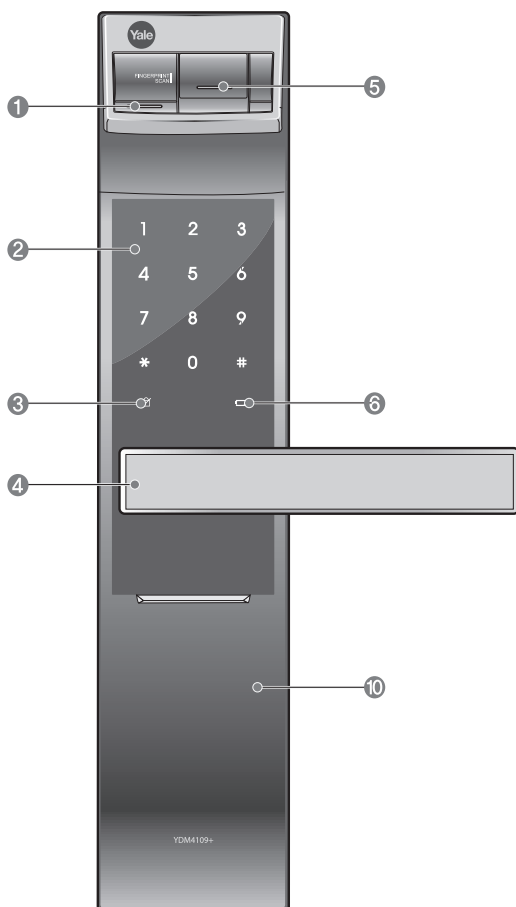
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check your local authority or retailer for recycling advice.



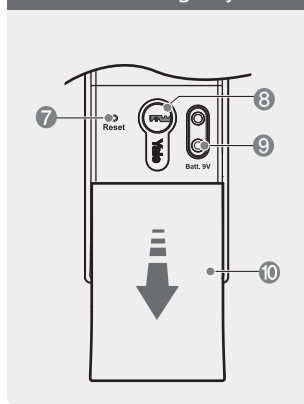
Identification

Front body (Front Body, Installation on the outside of the door)

①	Fingerprint Operation Lamp
②	Keypad(10-Key)
③	Dead Bolt Jam Lamp
④	Lever
⑤	Fingerprint Cover
⑥	Battery Change Lamp
⑦	Reset button
⑧	Emergency Key
⑨	Emergency Power Supply Terminal
⑩	Emergency Cover



Pull down Emergency Cover

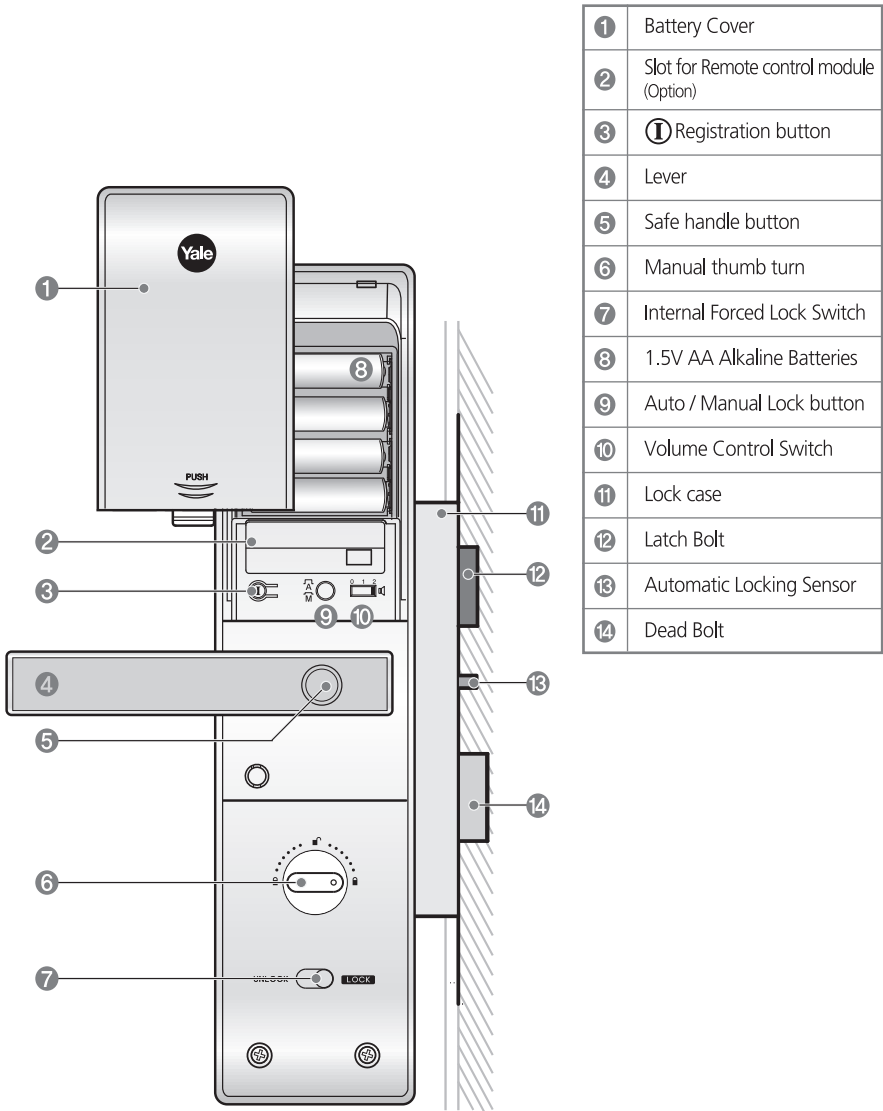


9V Emergency battery
(Optional)

Identification

Main body

(Main Body, Installation on the inside of the door)

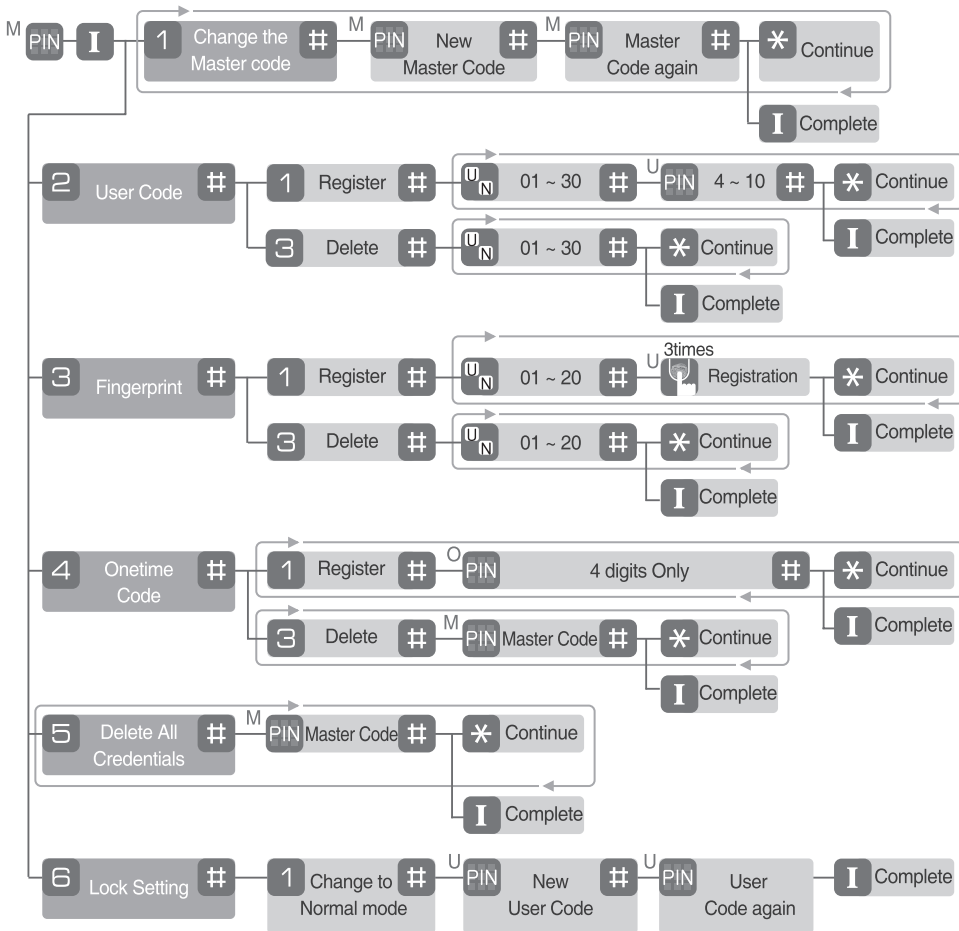


1	Battery Cover
2	Slot for Remote control module (Option)
3	ⓘ Registration button
4	Lever
5	Safe handle button
6	Manual thumb turn
7	Internal Forced Lock Switch
8	1.5V AA Alkaline Batteries
9	Auto / Manual Lock button
10	Volume Control Switch
11	Lock case
12	Latch Bolt
13	Automatic Locking Sensor
14	Dead Bolt

Quick Menu

Advanced mode

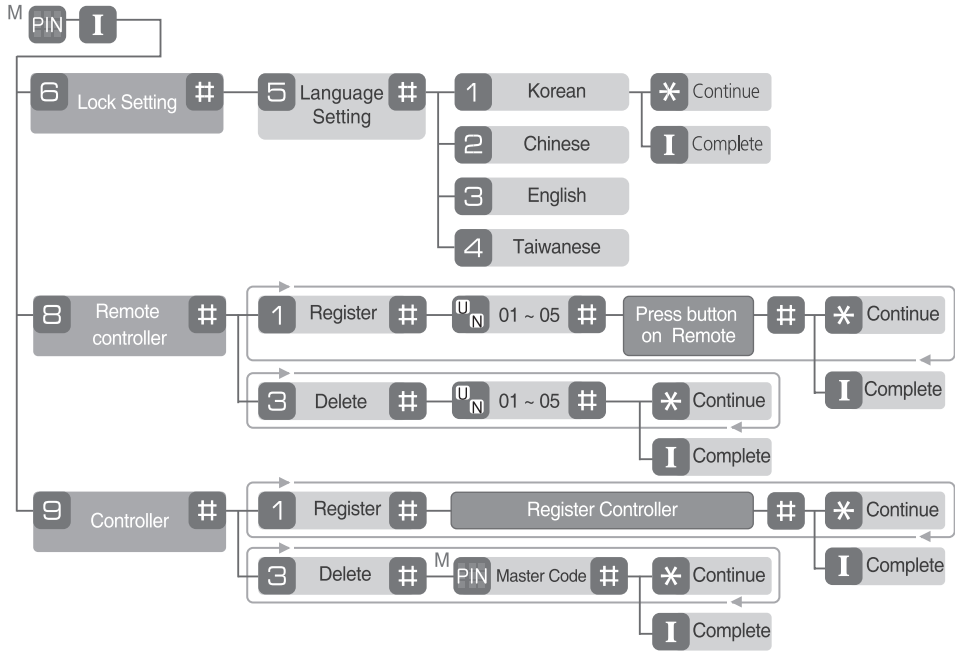
Quick Menu (Advanced mode)



Quick Menu

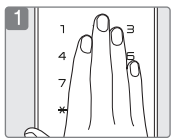
Advanced mode

Quick Menu (Advanced mode)



Creating Master code

Creating a Master code must be performed upon installation or after resetting the lock to factory default. Programming and use of lock is not possible until this step has been successfully completed.



1 Touch the keypad of the Front Body with your palm.



2 Enter New Master code.(4-10 digits) and [#] button.



3 Again enter the Master Code and [#] button.

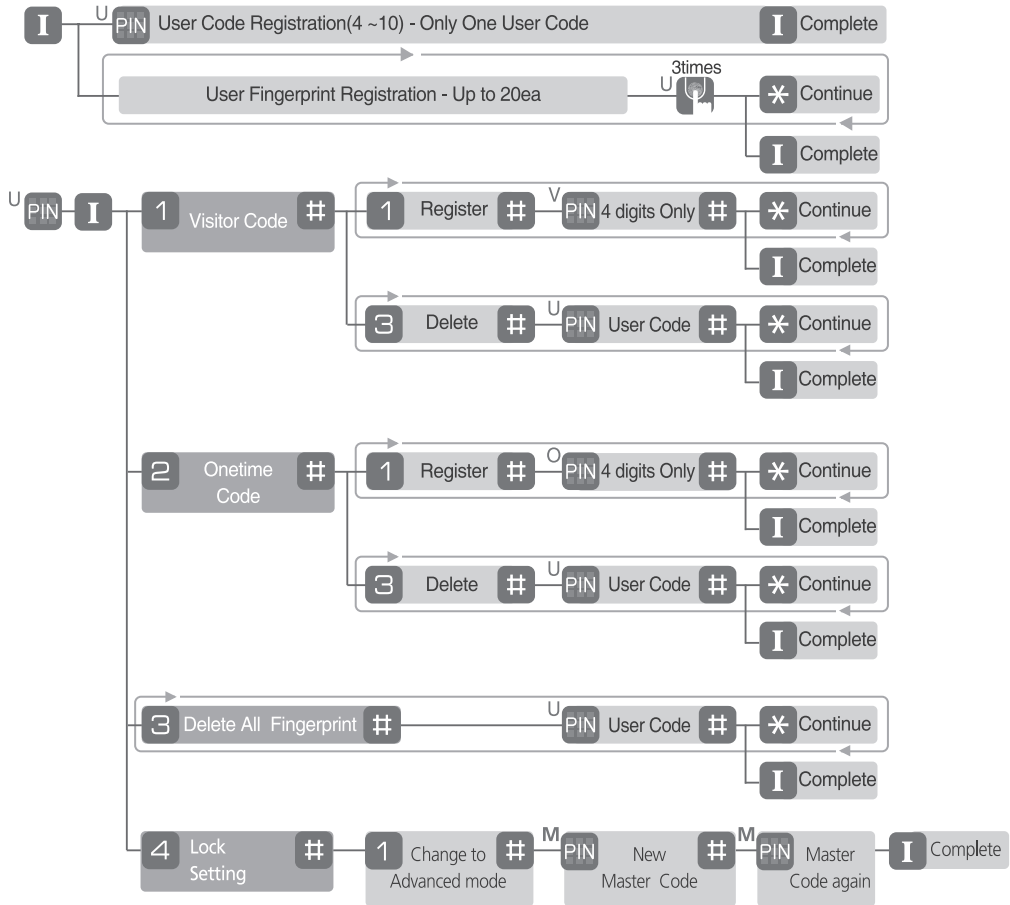


4 Touch the [#] button to complete.

Quick Menu

Normal mode

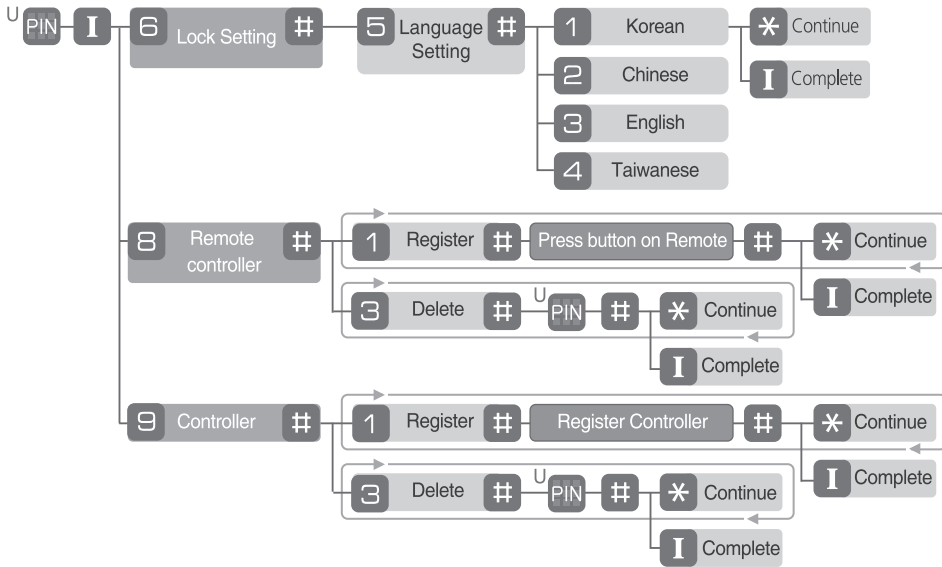
Quick Menu (Normal mode)



Quick Menu

Normal mode

Quick Menu (Normal mode)

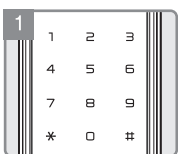
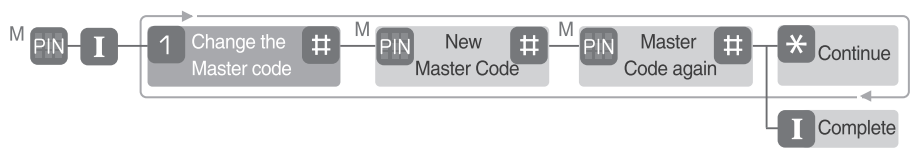


	Touch the keypad of the Front Body with your palm to begin.	M		Enter the Master Code (4 ~ 10 digits).
	Click the indicated number.	U		Enter User Code (4 ~ 10 digits).
	Press * button on the touchscreen.	V		Enter Visitor Code (Only 4 digits).
	Press # button on the touchscreen.	O		Enter Onetime Code (Only 4 digits).
	Press I (Registration) button inside the battery cover.	U		Enter User Fingerprint (Up to 20ea).
	Repeat operation using settings indicated.	U		User Slot Number should be 2 digits

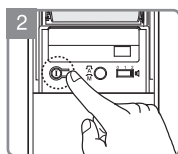
Configuration

Advanced mode

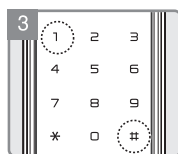
Change the Master Code



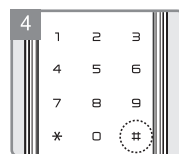
Enter the Master Code.



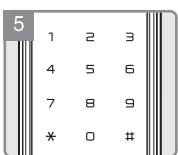
Press [1] button.



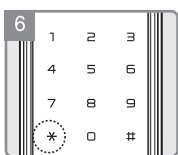
Enter [1], [#] buttons to change the Master code.



Enter New Master Code and [#] button.

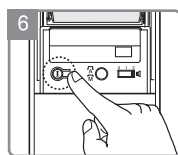


Again enter the Master Code and [#] button.



Press [*] button to continue.

OR

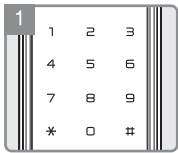
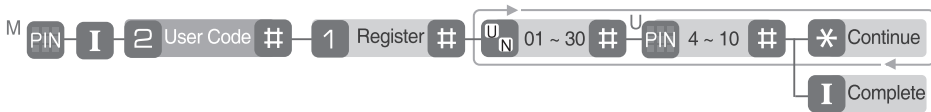


Press [1] button to complete.

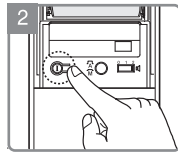
Configuration

Advanced mode

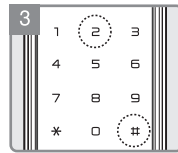
Register User Code



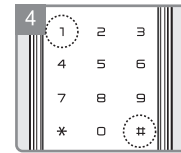
Enter the Master Code.



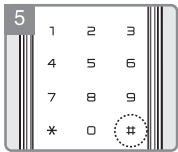
Press **I** button.



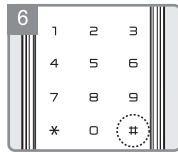
Enter [2], [#] buttons.



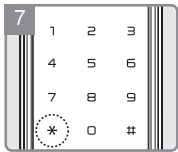
Enter [1], [#] buttons to register User code.



Enter the User number (01~30) and [#] button.

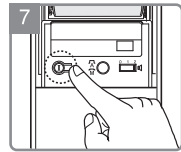


Enter the User Code (4~10 digits) and [#] button.



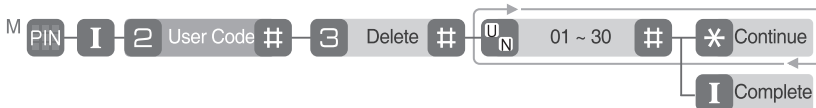
Press [*] button to continue.

OR



Press **I** button to complete.

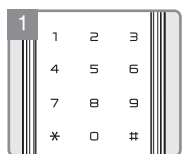
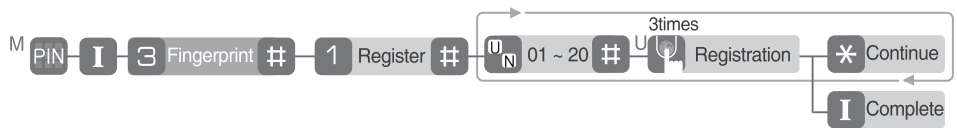
Delete User Code



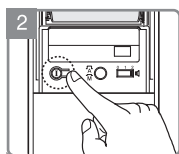
Configuration

Advanced mode

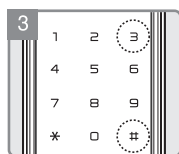
Register Fingerprint



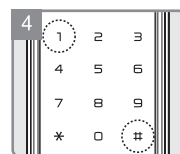
Enter the Master Code.



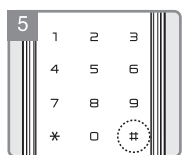
Press I button.



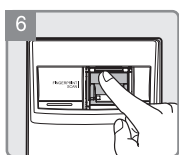
Enter [3], [#] buttons.



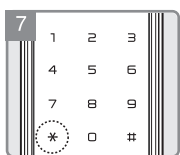
Enter [1], [#] buttons to register fingerprint.



Enter the User number (01~20) and [#] button.

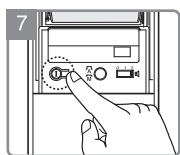


After opening the cover, swipe your finger 3 times through the fingerprint sensor followed by the voice guide.



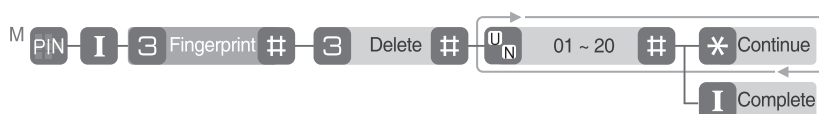
Press [*] button to continue.

OR



Press I button to complete.

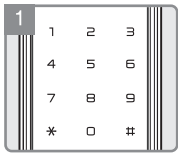
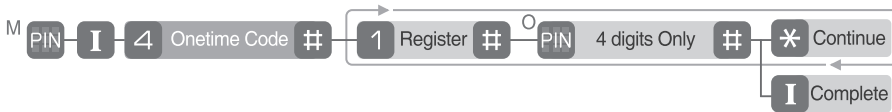
Delete Fingerprint



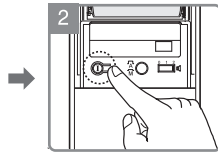
Configuration

Advanced mode

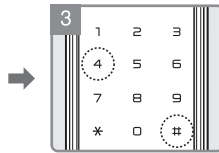
Register Onetime Code



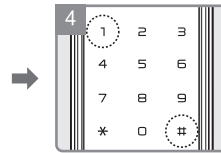
Enter the Master Code.



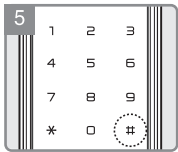
Press **1** button.



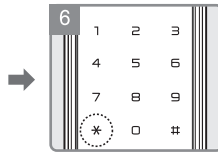
Enter [4], [#] buttons.



Enter [1], [#] buttons to register Onetime Code.

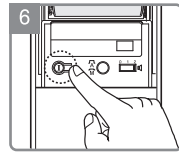


Enter Onetime Code (4 digits) and [#] button.



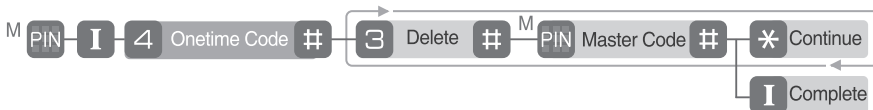
Press [*] button to continue.

OR



Press **1** button to complete.

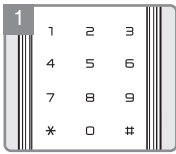
Delete Onetime Code



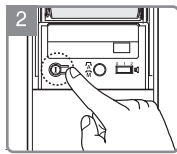
Configuration

Advanced mode

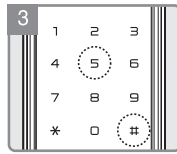
Delete All Credentials



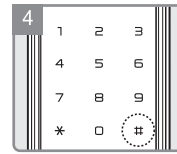
Enter the Master code.



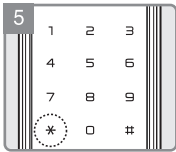
Press **1** button.



Enter [5], [#] buttons.

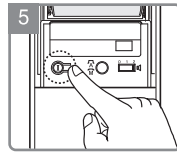


Enter the Master code and [#] buttons.



Press [*] button to continue.

OR



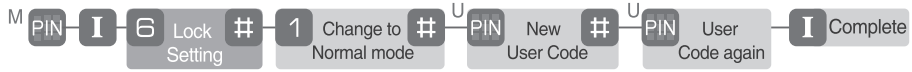
Press **1** button to complete.

Configuration

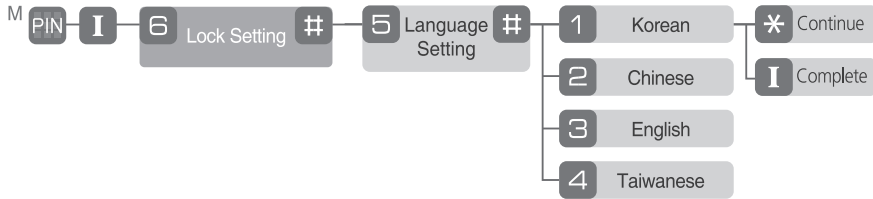
Advanced mode

Lock Setting

Change to Normal mode



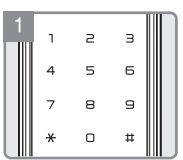
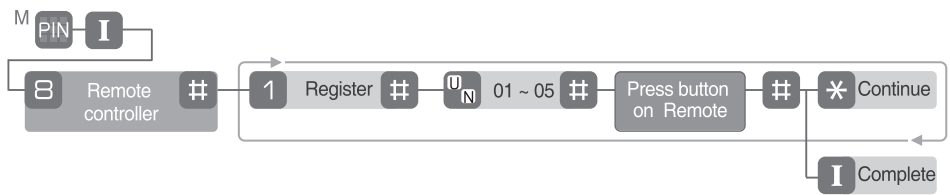
Language Setting



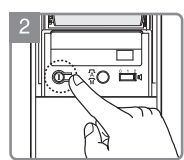
Configuration

Advanced mode

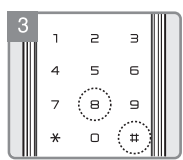
Register Remote control



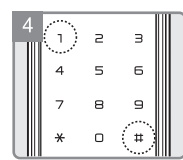
Enter the Master Code.



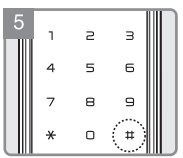
Press 1 button.



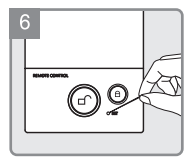
Enter [8], [#] buttons.



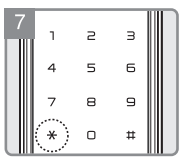
Enter [1], [#] buttons to register Remote control.



Enter the User Number (01~05) and [#] button.

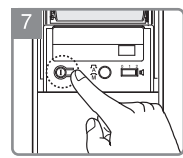


Press registration button on Remote controller followed by press [#] button to complete after beep sound from digital door lock.



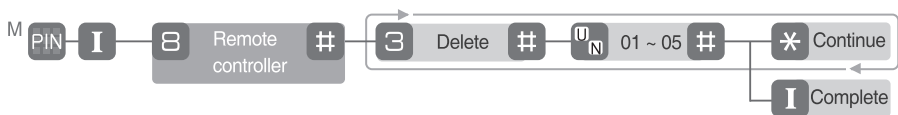
Press [*] button to continue.

OR



Press 1 button to complete.

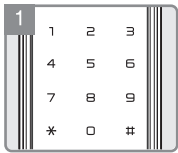
Delete Remote control



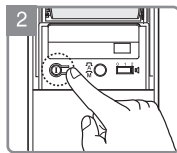
Configuration

Advanced mode

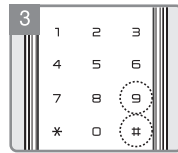
Register Controller



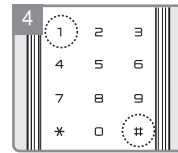
Enter the Master Code.



Press I button.



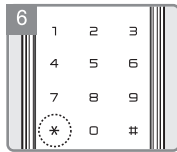
Enter [9], [#] buttons.



Enter [1], [#] buttons to register controller.

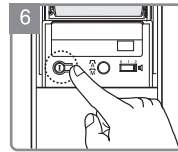


Register Controller followed by press [#] button to complete after beep sound from digital door lock



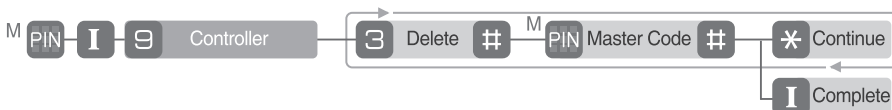
Press [*] button to continue.

OR



Press I button to complete.

Delete Controller

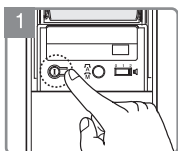


Configuration

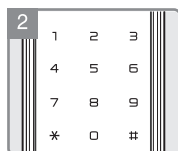
Normal mode

User Code Registration (4 ~10 digits)

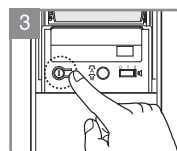
I U PIN User Code Registration(4 -10) - Only One User Code **I** Complete



Press **I** button.

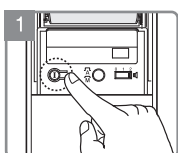
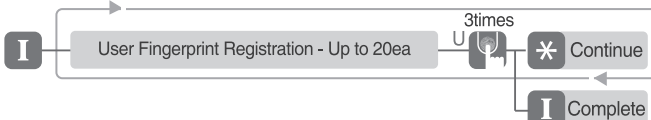


Enter New User Code.

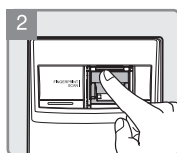


Press **I** (Registration) button to complete.

User Fingerprint Registration (Up to 20ea)



Press **I** button.

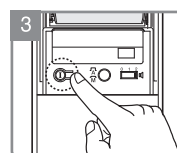


After opening the cover, swipe your finger 3 times through the fingerprint sensor followed by the voice guide.



Press [*****] button to continue.

OR



Press **I** button to complete.

⚠ Caution

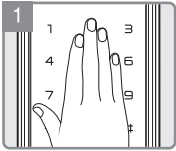
- Make sure to leave the door open when registering User Code and Fingerprints because you may accidentally lock the door while trying to register or change a credential.
- The previously registered User Code will automatically be deleted when a new credential is registered.
- It is recommended to change User Code on a regular basis

How to Use

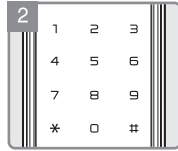
Normal mode

Advanced mode

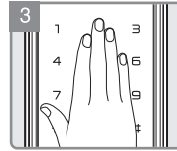
Unlocking Door with Code



Touch the keypad of the Front Body with your palm.

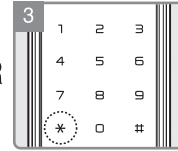


Enter the registered Code on the keypad.



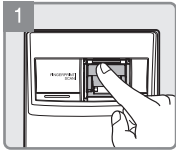
Touch the keypad of the Front Body with your palm.

OR



Enter the [*] button.

Unlocking Door with Fingerprint



After opening the cover, swipe your fingerprint through the fingerprint sensor.

Check if the door opens!



Make sure to examine if the door opens normally with the registered User Code after the registration is complete.

How to Use

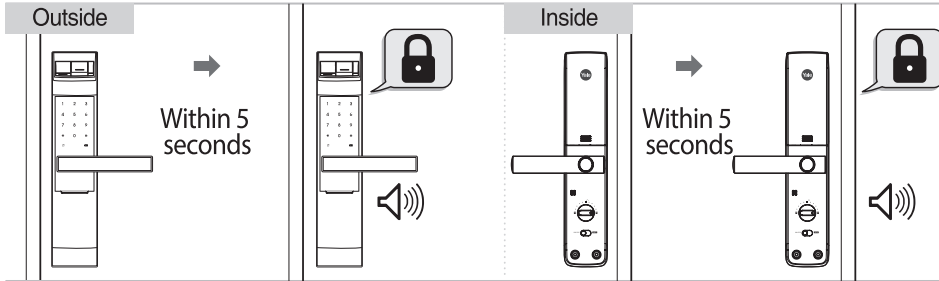
Normal mode

Advanced mode

Locking the door

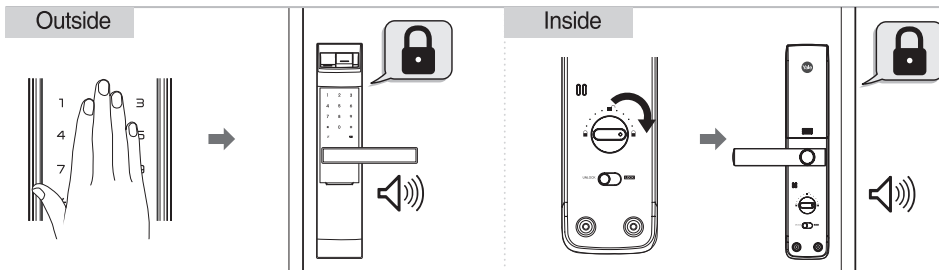
※Please check Automatic / Manual Lock Mode

› Automatic Lock Mode (Default)



When set on automatic lock mode, the automatic lock sensor detects the door closing and locks the door automatically within 5 seconds.

› Manual Lock Mode



The door locks when touching the keypad with the palm.

Use Thumb turn knob on the main body.

⚠ Caution

- As the automatic lock function does not work in manual lock mode, make sure to check that the door is securely locked when leaving the premises.

How to Use

Normal mode

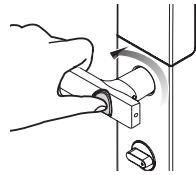
Advanced mode

Unlocking the door from the inside

Safe Handle Setting is not fixed as a default.

› To Open Door when the safe handle button is released.

Keep pushing the safe handle button.
And then, press and open the door.
The safe handle button is found on the inner handle.



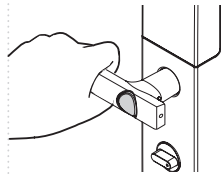
(Closed)



(Open)

› To Open Door when the safe handle button is fixed.

Press the inner handle and
open the door.



(Closed)



(Open)

⚠ Important

- Make sure to fully familiarize yourself with the operation of the Safe Handle in preparation for emergencies.

How to Use

Normal mode

Advanced mode

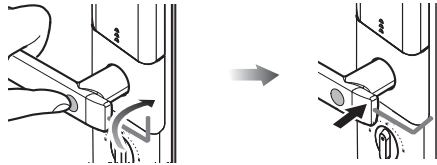
Safe Handle Feature

The technology to prevent a forced attempt to drill a hole in the door and unlock the Doorlock has been applied.

› To Release Safe Handle Setting

Open the battery cover and take out a hex wrench.

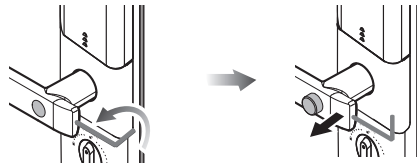
Keep pressing the Safe Handle button. Turn the set bolt found in next to the handle to Close side.



› To Set Safe Handle

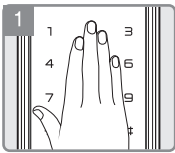
Open the battery cover and take out a hex wrench.

Turn the set bolt found in next to the handle to Open side until the Safe Handle button comes out.

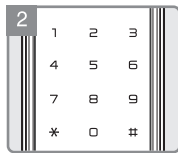


Opening Door with fake Code (Only Normal mode)

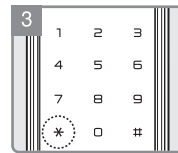
This is an extra security measure to prevent your Code being accidentally exposed. It is only available for your User and Visitor Code ; not for use with the Onetime Code.



Touch the keypad of the Front Body with your palm.



Method ①
Enter the **fake numbers** → **Code**



Press [*****] button to confirm, or Touch the keypad with palm to confirm.

Method ②
Enter the **Code** → **fake numbers**

Note

- Be careful that the set bolt won't detach when modifying the Safe Handle Setting.

How to Use

Normal mode

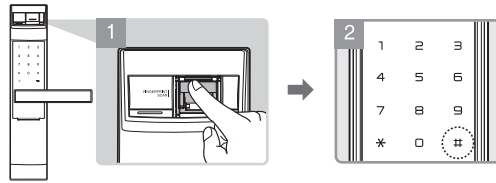
Advanced mode

External Forced Lock

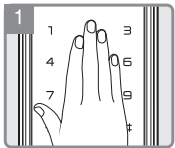
When External Forced Lock mode is activated the Alarm will go off if someone press the handle to exit the property.

External Forced Lock Setting - Fingerprint

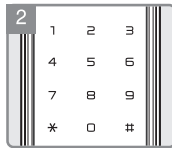
Swipe with registered fingerprint and touch the [#] button for 5 seconds until you hear 3 beeps.



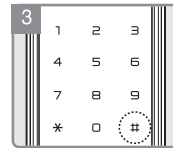
External Forced Lock Setting - User Code (Except Onetime Code)



Touch the keypad of the Front Body with your palm.



Enter registered User Code on the keypad.

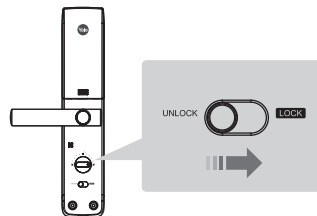


Enter [#] button for 5 seconds. (The beep sound sets off for 3 times.)

Internal Forced Lock

When internal forced lock mode is activated the keypad is not functioning.

A warning beep sound will go off if anyone attempts to access using Code or the Fingerprint from outside.



Note

- If you open a door with the handle from inside in External Forced Lock, the alarm will sound.
- Deactivate External Forced Lock by entering User Code or touching Fingerprint reader with registered Fingerprint.
- Internal Forced Lock is only activated when door is closed.

How to Use


Normal mode

Advanced mode


Automatic / Manual Lock

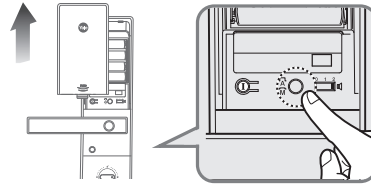
Auto Lock setting locks a door within 5 seconds after the door was closed.

Automatic Lock Setting

 Main body Automatic/Manual Lock button released to set Auto

Manual Lock Setting

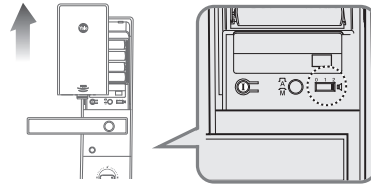
 Main body Automatic/Manual Lock button pressed to set Manual



Volume Default High



The operation sound volume will be adjusted according to the Volume Switch Setting.
(2 : High / 1 : Low / 0 : Mute)



Note

- Even though the operation sound is set to 'Mute', the error and alarm will sound.

How to Use

Normal mode

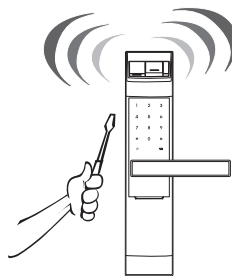
Advanced mode

Break-in Alarm

Break-in Alarm : When the front body is separated from the door, the damage alarm will sound.

To turn off Alarm

- Method ① Enter the registered Codes.
- Method ② Press the interior ① button for 5 seconds.
- Method ③ Enter the registered Fingerprint.



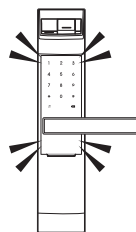
3-minute Lock Out Feature

During the 3-minute Lock Out mode, the lock will shut down and not allow operation.

After five(5) unsuccessful attempts at entering a valid code or fingerprint, 3-minute Lock Out mode is activated.

To Release 3-minute Lock Out

- Method ① Press ① button.
- Method ② Depress inside lever handle.



How to Use

Normal mode

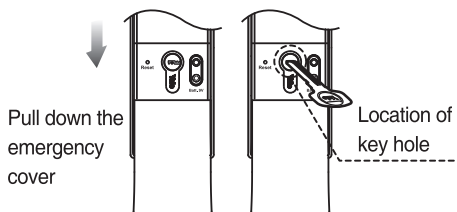
Advanced mode

Emergency mechanical key override

Operate the lock with the mechanical key when there is a problem with the lock.

Such as :

- Forgotten User Code
- Electronic malfunction

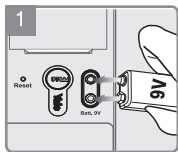


Emergency Power

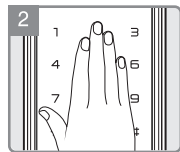
Emergency power supply for discharged batteries

In case the batteries are dead, you can open the door by using 9V battery as shown.

› To supply emergency power



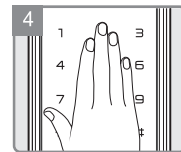
Place the 9V battery onto the emergency power supply terminal.



Touch the keypad with your palm.



Enter the registered Code on the keypad.



Touch the keypad with palm or Press [*] button to confirm and replace the batteries.

Power supply

1 Expiry period

The product uses four 1.5V alkaline AA batteries.
They may sustain 1 year if used 10 times a day.
(Users are advised to use authentic alkaline batteries.)

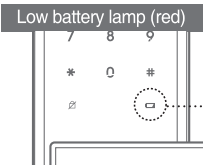
One-on-one real-life size
1.5V(LR6) alkaline AA battery

2 Low battery alarm

You must replace all 4 batteries in the following cases:

- * The Low Battery LED on key pad flickers red.
- * When low battery notification message is played.

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN
INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING
TO THE NATIONAL CODE OR RECYCLING PROGRAM



Note

- The battery life varies according to ambient temperature, humidity, the frequency of use, and the quality of the battery.
- Do not use rechargeable batteries. Only alkaline batteries are recommended.

