Digital Door Lock User'S Guide

YDR414

YDR414

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

INTRO

For peace of mind, you need to secure yourself, your home and your personal belongings. Yale Digital Door Locks take care of all of this so that you can enjoy your life without any worries.
In these products we have combined our long experience in making secure and reliable locks with the latest technology for convenience and safety.

With all the functions for convenience and safety, Yale Digital Door Locks clearly offer you more than just security. In addition to this, we have also put a lot of effort in the aesthetic design of these products, so that your Yale Digital Door lock can actually enhance the appearance of your door while securing it at the same time.

The future of locking is already here and ready for use. Get rid of all your concerns regarding the security of your home and use a Yale Digital Door Lock to unlock the door to the potential of your life.

Unlock your life!

http://www.yaledigital.com.cn (CHINA)
http://www.yalelock.com (APAC & EMEA)

The world's favorite lock

Yale CONTENTS

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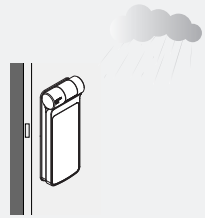
Yale® Safety Cautions

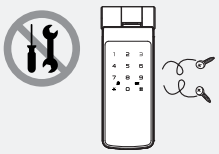
Must Read This

Please read this carefully for your own safety.

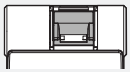
Do not install the unit in outdoor environment.



Do not attempt to disassemble the unit by yourself. That can cause an electronic shock and product damage.



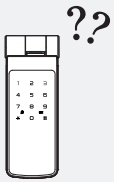
An infant and some users who have unusual fingerprints (those which are difficult to register) may not be registered for fingerprint verification.



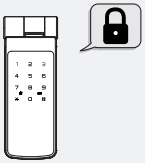
※ Scan-type fingerprint modules do not recognize fingerprints with water or foreign materials and set off alarm sounds.

Do not use force with a tool onto the product.

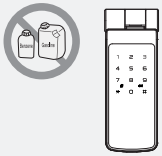
Please keep your PIN Code safely.



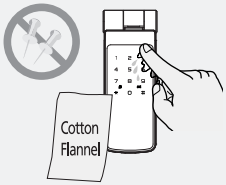
Make sure to lock the door tight when you go out.



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



Keep foreign materials away from the fingerprint sensor to maintain it cleanly and do not use it with wet fingers.

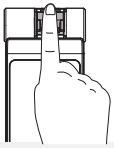


⚠ Caution Make sure to follow the above instructions to avoid any injuries or damages on the properties .

Yale Product Features

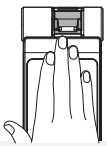
Product Features

Please read



One-touch Fingerprint Verification Method (Easy Scan)

14P

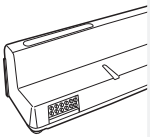


Palm Touch Feature

13P

Voice Guide Feature

22P



Yale Networking System (Option)

28P

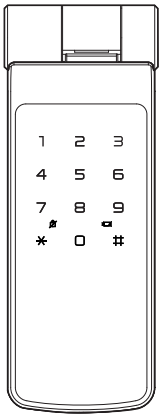
SAFE

Safety Mode

16P

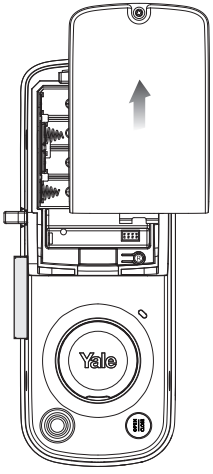
Yale Manual Guide

Front Body Icon



- Lift the fingerprint cover open
- Enter fingerprint
- Keypad (10-Key)
- UP — User PIN Code
- MP — Master PIN Code
- Fingerprint PIN Code
- ONE — One time User PIN Code
- FP — Fake PIN Code
- Touch
- # — Button
- * — Button

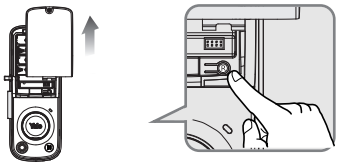
Back Body Icon



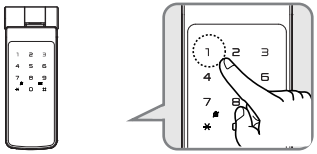
- Registration Button (Open Battery Cover)
- Knobless thumb turn cover
- OPEN / CLOSE — Open / Close button

EX

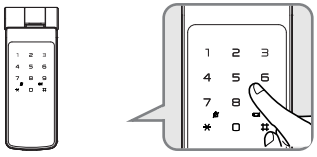
》Registering User PIN Code (Normal Mode)



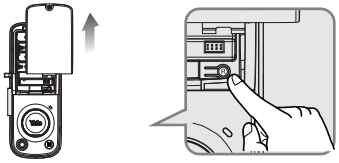
Open the battery cover in the back body and press Ⓡ (Registration) button once.



Enter Number 1 button



Enter the User PIN Code you wish to register according to the voice guide. (4 to 12 digits)
[＊] and [＃] are not allowed.



Press the Ⓡ (Registration) button in the Back Body again to complete the User PIN Code registration.

STEP ⓐ Ⓡ ➡ 1 ➡ ⓑ UP (4 to 12 digits) ➡ ⓒ Ⓡ

Description

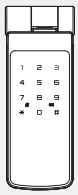
ⓐ Open the battery cover in the back body and press Ⓡ (Registration) button once.
ⓑ Enter the User PIN Code you wish to register according to the voice guide. (4 to 12 digits)
(The default User PIN Code is '1 2 3 4 5 6 7 8 9 0')
ⓒ Press the Ⓡ (Registration) button in the Back Body again to complete the User PIN Code registration.

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)

Main Bracket

Strike

Users Guide

Emergency Key

I button Key

- Batteries
- Allen Key
- Screws
- Installation Template

》Option

- Remote control
- Remote control module

Yale® Specifications

Specifications

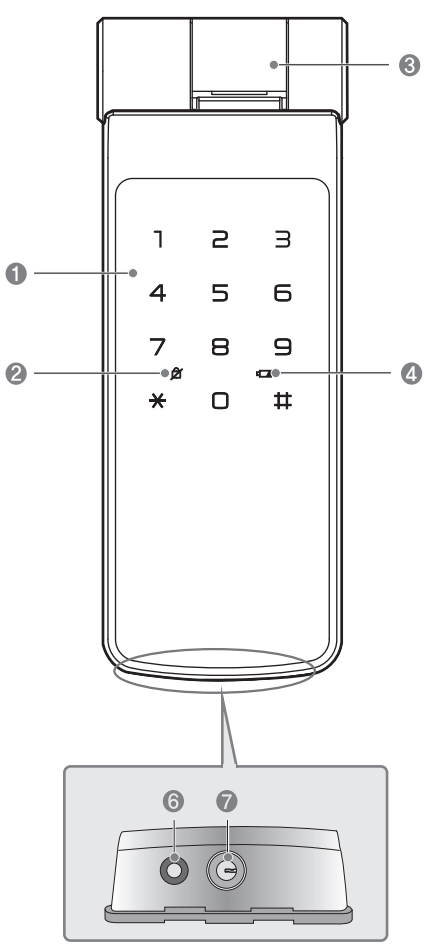
Parts	Specifications	Remarks
Front (Front Body)	31.5(D)×66(W)×176(H) Zinc die-casting	Operating temperature : -15~55℃ (5~131 ˚F)
Back (Main Body)	46(D)×76(W)×201(H) Zinc die-casting	
Battery	4EA 1.5V AA alkaline batteries (Operating voltage: 4.5 ~ 6 V)	Last up to 1 year (10 times used a day)
Option Remote Control	Wireless	Optional

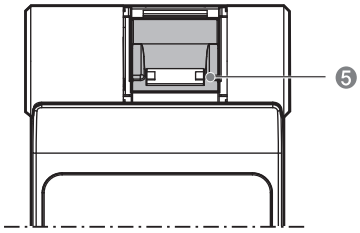
※ Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.
※ Please make sure that all parts are included when purchasing the product.
※ Optional products may not be available depending on your country or local dealer.

Yale Identification

Front

(Front Body, install on the outside of the door)





❶	Keypad (10-Key)
❷	Dead Bolt Jam Lamp
❸	Fingerprint Cover
❹	Battery Change Lamp
❺	Fingerprint Sensor

Emergency Power Supply Terminal	
❻	(+) Terminal
❼	(-) Terminal (Emergency Key)

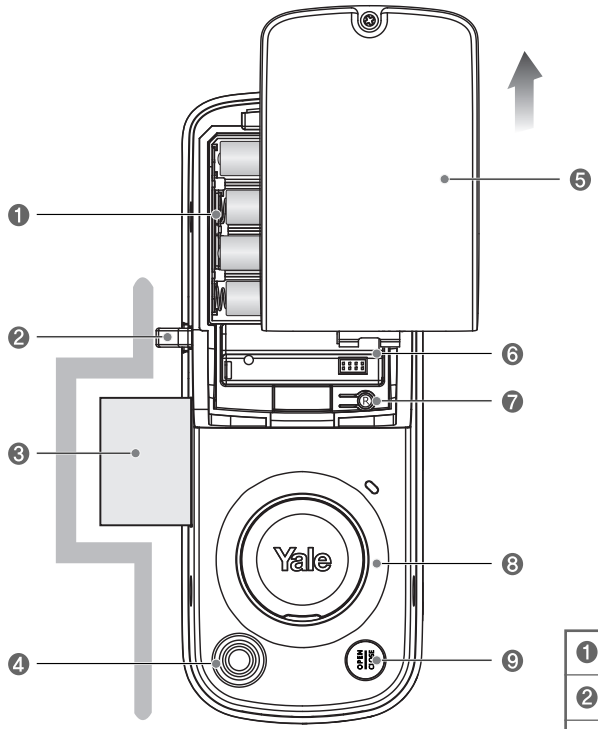
(Optional)

9V Emergency alkaline battery

Emergency Key

Back

(Back Body, install on the inside of the door)



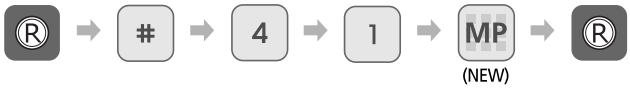
❶	1.5V AA Alkaline Batteries
❷	Edge Bolt (Auto Lock Sensor)
❸	Dead Bolt
❹	I Button Key Reader
❺	Battery Cover
❻	Slot for Remote control module (Option)
❼	Ⓡ Registration button
❽	Knobless thumb turn cover
❾	Open / Close button

Change Mode

The default setting is **Normal Mode.**

Normal Mode ➡ Safety Mode

Safety Mode can be used for professional and high secure management.



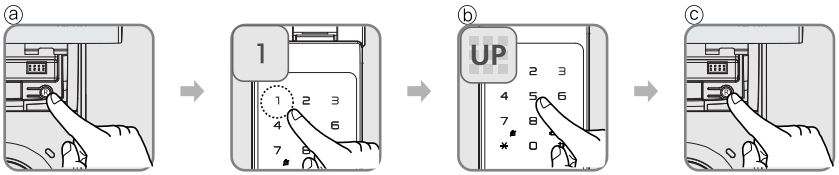
Safety Mode ➡ Normal Mode

Normal Mode is enough for general use, because managing Safety Mode is more complicated than Normal Mode.

To Use User PIN Code

(PIN Codes should be selected from 4 to 12 digits. [*] and [#] are not allowed.)

》To Register User PIN Code (Normal Mode)

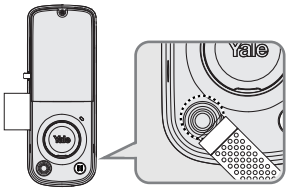


》To Open Door with PIN Code

To Register I-button key

Ⓡ ➡ # ➡ 5 ➡ 1 ➡ ➡ Ⓡ

Contact all the I-button keys you wish to register on the I-button key reader one by one.
If you hear a 'pik' sound, the I-button key are registered.



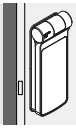
Description

ⓐ Open the battery cover in the back body and press Ⓡ (Registration) button once.
ⓑ Enter the User PIN Code you wish to register according to the voice guide. (4 to 12 digits)
(The default User PIN Code is '1 2 3 4 5 6 7 8 9 0')
ⓒ Press the Ⓡ (Registration) button in the Back Body again to complete the User PIN Code registration.
ⓓ Touch the keypad of the Front Body gently with your palm.

Note

- Make sure to leave the door open when registering a PIN Code because you may accidentally lock a door while trying to register or change a PIN Code the first time.
- The previously registered PIN Code will automatically be deleted when the new PIN Code is registered.

Check if a door opens!

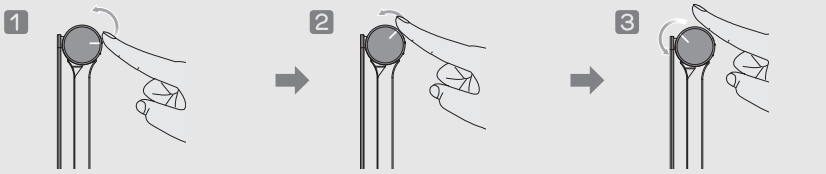


Make sure to examine if the door opens normally with the registered password or fingerprint after the registration is complete.

Fingerprint Guide

It enables you to make separate registration, and open a door through the registered fingerprint or PIN Code.

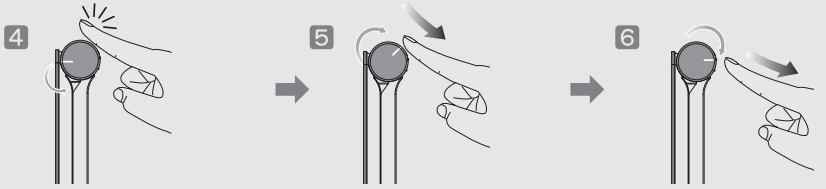
Repeated Operations



1 Press and lift up the Guide Bar on the fingerprint cover.

2 You will see the fingerprint cover being raised and start to open.

3 Open the cover completely



4 When the fingerprint is completely open, you could hear 'ding-dong' sound.

5 Start sweeping your fingerprint through the sensor.

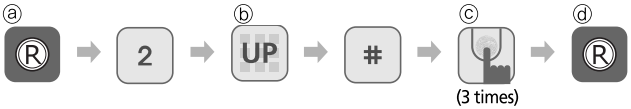
6 Complete your fingerprint registration.

Note

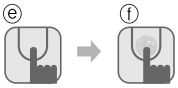
- You may register up to 20 fingerprints.
  ※Note that you may not register 20 fingerprints depending on the state of the previously registered fingerprints.
- Scan-type fingerprint modules do not recognize fingerprints with water or foreign materials and set off alarm sounds.
- Make sure to register a PIN Code just in case you fail to register a fingerprint.
- Make sure to leave the door open when registering a PIN Code because you may accidentally lock a door while trying to register or change a PIN Code the first time.
- If an error occurs during registration, the process reverts back the beginning. (entering fingerprint).
- If no more input is made for 20 seconds after registering at least 1 fingerprint, the registration will be complete.
- Duplicate fingerprints may be registered.
- Same fingerprints can be registered repeatedly.

Use Fingerprint

》To Register Fingerprint



》To Open Door with Fingerprint



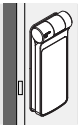
Remove Fingerprint (Normal Mode)

》To Delete All Fingerprints

Description

ⓐ Open the battery cover in the back body and press Ⓡ (Registration) button once.
ⓑ Enter the User PIN Code according to the voice guide.
ⓒ Lift open the cover completely, and then swipe your finger 3 times through the fingerprint sensor followed by the voice guide.
ⓓ Press the Ⓡ (Registration) button in the back body again to complete the fingerprint registration.
(Press [#] button to continue the additional fingerprint registration.)
ⓔ Lift open the fingerprint cover and wait for the operation sound 'ding-dong'.
ⓕ Sweep the registered fingerprint through the fingerprint sensor in the front body.

Check if a door opens!



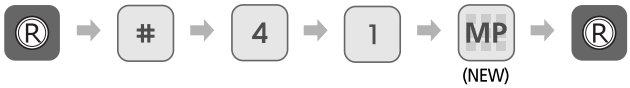
Make sure to examine if the door opens normally with the registered password or fingerprint after the registration is complete.

Change Mode

The default setting is **Normal Mode.**

Normal Mode ➡ Safety Mode

Safety Mode can be used for professional and high secure management.



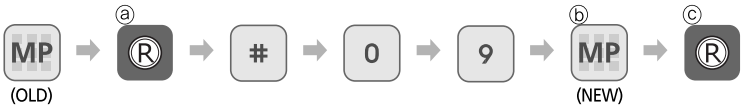
Safety Mode ➡ Normal Mode

Normal Mode is enough for general use, because managing Safety Mode is more complicated than Normal Mode.

To Use PIN Code

(PIN Codes should be selected from 4 to 12 digits. [*] and [#] are not allowed.)

》Change Master PIN Code



》Change User PIN Code

》One Time User PIN Code

》To Open Door with PIN Code

Description

ⓐ Open the battery cover in the back body and press Ⓡ (Registration) button once.
ⓑ Enter the New Master PIN Code you wish to register according to the voice guide. (4 to 12 digits)
ⓒ Press the Ⓡ (Registration) button in the Back Body again to complete the New Master PIN Code registration.

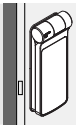
Note

- Make sure to leave the door open when registering a PIN Code because you may accidentally lock a door while trying to register or change a PIN Code the first time.
- The previously registered PIN Code will automatically be deleted when the new PIN Code is registered.
- The Master PIN Code is required to register or remove a fingerprint.
- If you forget the PIN Code, you may not register or remove a fingerprint.
- It is advised to register the PIN Code with the same one as a PIN Code in case you lose it.

⚠ Caution

- When already in Normal Mode, this process doesn't work.
  Current Master PIN Code is changed to User PIN Code after changing mode.)
- Each Codes have to be different.
  (There is an error if you try to register same PIN Code)
- One time user PIN Cod is only used for one time.

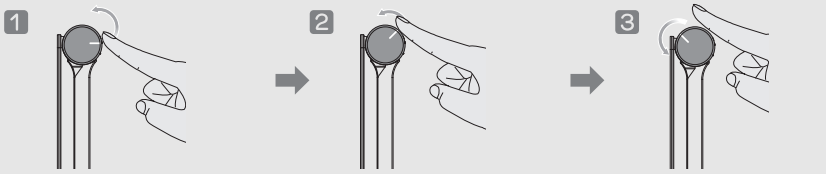
Check if a door opens!



Make sure to examine if the door opens normally with the registered password or fingerprint after the registration is complete.

Fingerprint Guide

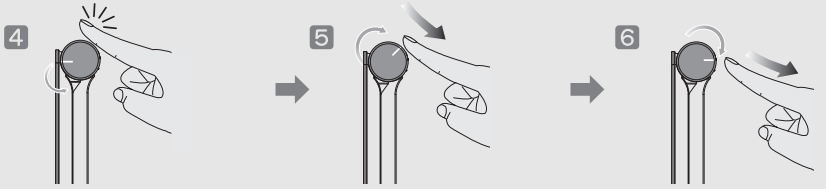
Repeated Operations



Press and lift up the Guide Bar on the fingerprint cover.

You will see the fingerprint cover being raised and start to open.

Open the cover completely



When the fingerprint is completely open, you could hear 'ding-dong' sound.

Start sweeping your fingerprint through the sensor.

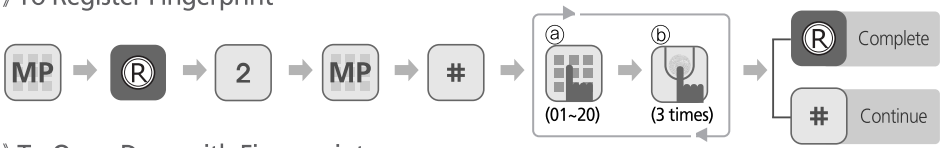
Complete your fingerprint registration.

Note

- You may register up to 20 fingerprints.
  ※Note that you may not register 20 fingerprints depending on the state of the previously registered fingerprints.
- Scan-type fingerprint modules do not recognize fingerprints with water or foreign materials and set off alarm sounds.
- Make sure to register a PIN Code just in case you fail to register a fingerprint.
- Make sure to leave the door open when registering a PIN Code because you may accidentally lock a door while trying to register or change a PIN Code the first time.
- If an error occurs during registration, the process reverts back the beginning. (entering fingerprint).
- If no more input is made for 20 seconds after registering at least 1 fingerprint, the registration will be complete.
- Duplicate fingerprints may be registered.
- Same fingerprints can be registered repeatedly.

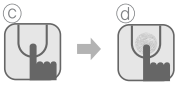
Use Fingerprint

》To Register Fingerprint



If you would like to register continuously your fingerprint, enter the # button.

》To Open Door with Fingerprint



To Register I-buuton key

Contact all the I-button keys you wish to register on the I-button key reader one by one.

Remove Fingerprint (Safety Mode)

》To Delete All Fingerprints

》To Delete Each Fingerprints

Description

ⓐ Enter 2-digit fingerprint number to register.(01~20)
(For example) • First ➡ enter the number 01 button, • Second ➡ enter the number 02 button ~ • Twentieth ➡ enter the number 20 button.
ⓑ Lift open the cover completely, and then swipe your finger 3 times through the fingerprint sensor followed by the voice guide.
ⓒ Lift open the fingerprint cover and wait for the operation sound 'ding-dong'.
ⓓ Sweep the registered fingerprint through the fingerprint sensor in the front body.

Note

- It enables you to make separate registration and deletion, and open a door only when the fingerprint number and the fingerprint match.

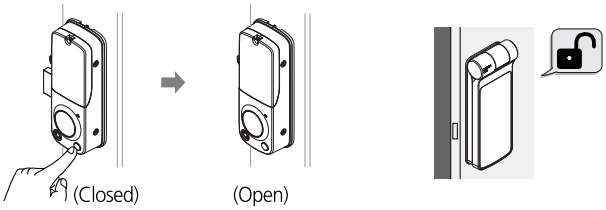
How to Use

Open Door from Inside

》Press Open/Close button

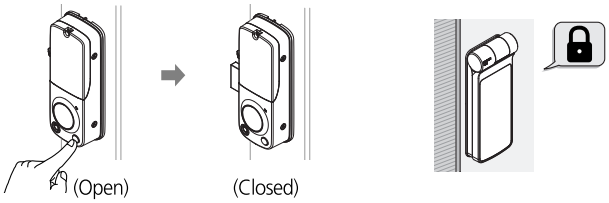
Open

Press Open/Close button to unlock when a door closes.



Closed

Press Open/Close button to lock a door when a door opens.



Open Door Alarm Function *fundamental feature*

If you open the door and stay still for more than one minutes, alarm will go off for five seconds.

Release

Reset

Please follow the steps listed below if you would like to reactivate the 'open door alarm'.

Lock Door

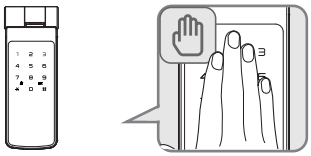
》To Close Door from Outside

Auto Lock status

The built-in Auto Lock sensor automatically locks a door within 5 seconds after the door is closed.

Manual Lock status

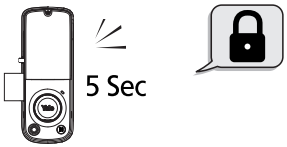
Touch the keypad in the front body gently with your palm to lock a door.



》To Close Door from Inside

Auto Lock status

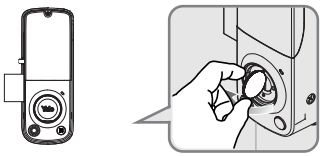
The built-in Auto Lock sensor automatically locks a door within 5 seconds after the door is closed.



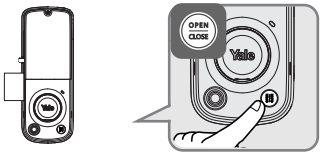
Manual Lock status

Turn the Manual Open/Close Device to Close side to lock a door.

1) Remove knobless thumb turn cover
2) Remove circle disk using Allen key
3) Turn the knobless using the coin



Press Open/Close button



Note

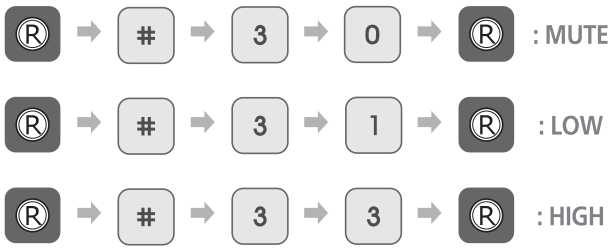
- Even after a door was locked by the Auto Lock function, please check again if the door was completely closed and locked.

Yale® Settings

Volume Setting Feature

It enables you adjust the volume of various sounds from the product.

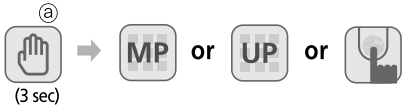
》Volume Setting



Note - Even when the operation sound is set as 'Mute', the error and alarm sounds will go off.

One time Silent Mode

》One time Silent Mode



Description

ⓐ Touch with palm and stay for 3 seconds

Automatic Lock Setting

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

》To Set Auto Locking Mode

Manual Lock Setting

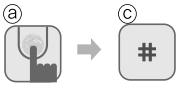
Be careful not to leave the door open at maneual lock mode

》To Set Manual Locking Mode

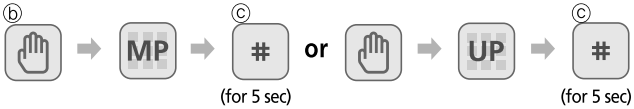
Yale Settings

Forced Lock

》Outside Forced Lock Setting - Fingerprint



》Outside Forced Lock Setting - PIN Code



》Inside Forced Lock Setting

Set / Release I-button key in mainbody

1. Control inside O/C lock

: it can open the door in outside normally through fingerprint or PIN Code. But it can't open using O/C in inside.

1) Contact the I-button key on the I-button key reader and then O/C can not work.

2) To release O/C function inside, you should contact I-button on I-button key reader again.

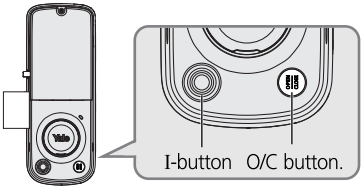
2. Control inside forced lock

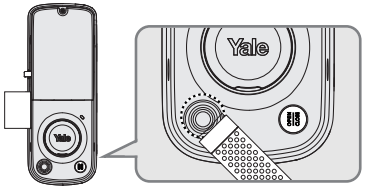
1) Press the O/C button for 5 seconds

2) Contact the the I-button key on the I-button key reader.

➡ Deactivation: Front all access type(fingerprint / PIN Code), Main O/C button.

3) To release O/C function inside, you should contact I-button on I-button key reader again.





Yale Safety Feature

Description

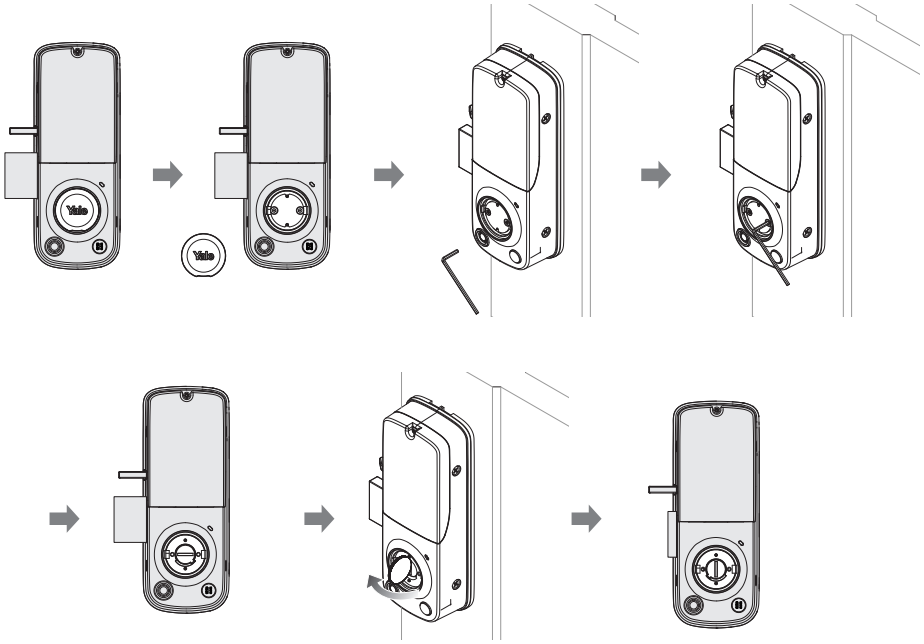
ⓐ Swipe the registered fingerprint through the fingerprint sensor in the front body.
ⓑ Touch the keypad of the front body gently with your palm.
ⓒ Press the [＃] button for 5 seconds. (The beeping sound happen 3 times.)

Note

- If you try to open a door with the handle or the Manual Open/Close Device from inside when the Outside Forced Lock is set, the alarm goes off.
- If the Control inside forced lock function is set, any attempt to open a door from outside whether it's be a Card key or a PIN Code won't work.

Using Thumb turn knob

》Using Thumb turn knob



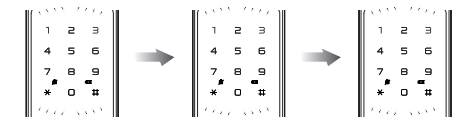
Yale Safety Feature

3-minute Lock Feature

At 3-minute Lock mode, no button, besides those in the back body, will work.

》3-minute Lock Mode Display

If a PIN Code or a fingerprint that is yet to be registered is entered for 5 consecutive times, 3-minute Lock mode is on and nothing will work for 3 minutes.
(Wrong trial of PIN Code 5 times and Fingerprint 10 times)



3 minute Lock starts. 2 minutes left. 1 minutes left.

》To Release 3-minute Lock

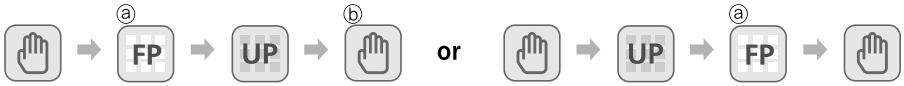
Method 1: Enter the registered Master PIN Code or User PIN Code.
Method 2: Enter the registered fingerprint.
Method 3: Press Open/Close button for 5 seconds or, Ⓡ button for 5 seconds.

Open Door with fake PIN code

Only **Normal Mode.**

It is the most effective feature when you are concerned about your PIN Code being accidentally exposed when you have company or in the similar situations.

》To Open Door with Fake PIN code



Description

ⓐ Enter the fake PIN code
ⓑ Touch the keypad with your palm gently or press [*] button to end.

Note

- 3-minute Lock mode won't affect the alarm mode and is sustained even after the product is rebooted.
- Once 3-minute Lock mode is on, the fake PIN code mode won't work until the next normal verification (fingerprint verification, normal PIN Code, open door from inside). In this case, please open a door with your correct PIN Code.

Alarm Feature

The alarm sound continues for 30 minutes or until it is reset.

》Break-in / Damage Alarm

Break-in:

When someone tries to Break-in by opening a door when it was locked, the alarm will go off.

Damage:

When the front body was damaged due to forced separation or drilling,the alarm will go off.

》Release Trespass/Damage Alarm

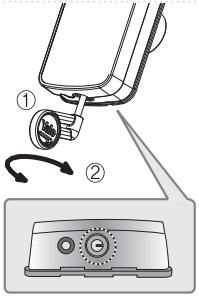
Method 1: Enter the registered Master PIN Code or User PIN Code
Method 2: Enter the registered fingerprint.
Method 3: Press the interior Ⓡ button for 5 seconds.

Emergency mechanical key override

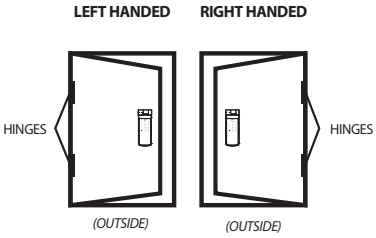
》Emergency mechanical key override

- Operate the lock with mechanical key when there is a problem to the lock or unlock the door that is the same as below listed.
- Forgotten User PIN Code
- Electronic malfunction

①Insert the mechanical key as shown
②Turn Left (Right handed door)
or Turn Right (Left handed door)
③Push-upward fully↑
④Turn backward



Location of key hole



Note

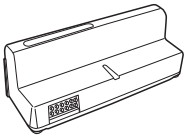
- Even after a door was locked by the Auto Lock function, please check again if the door was completely locked.
- If a door is open when the Auto Lock is not properly operated, the Break-in alarm might go off.
- If the alarm goes off due to damage, fire, or break in, the numbers on the keypad will light up clockwise. (It repeats the status for 30 minutes with alarm sound.)
- When the key is turned in the wrong direction, the key may break.

Yale® Option

Remote Control Module

》Remote control Module

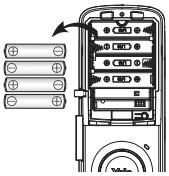
Buy the Remote control Module and install it to link the remote control.



》Install Remote Control Module

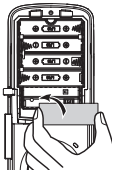
1 Remove batteries

Open the battery cover in the back body and remove all batteries.



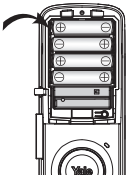
2 Install Remote Control Module

Equip the Remote control Module to the connector.



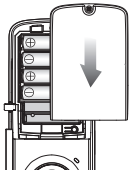
3 Insert batteries

Insert all the batteries by checking the [⊕, ⊖] connector.



4 Confirm the installation

If you hear a 'ting-a-ling' sound, the Remote control Module has been installed correctly. Close the battery cover.



Ting-a-ling

Note

- The operation status may only be examined through the remote control.

Remote Control

Not only FSK method but also the wireless encryption algorithm has been applied.

》To Register Remote Control

》To Release Remote Control

⚠ Caution

- Please input the Master PIN Code first in Safety mode for setting

Description

ⓐ Press the SET button of the remote control (Up to 5 Remote controls)

Note

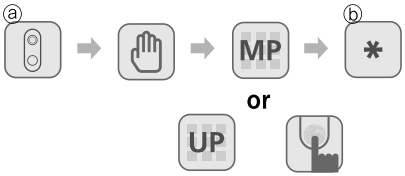
- The wireless encryption algorithm resorts to the floating ID technology where the wireless PIN Code is changed every time the remote control is operated.

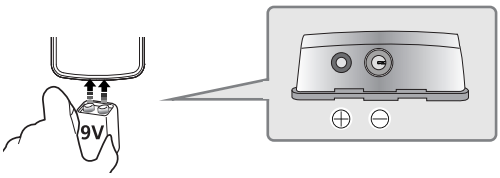
Yale® Customer Service

Emergency Power Supply for Discharged Batteries

You may open a door when contacting the 9V battery.

》To Supply Emergency Power





Description

ⓐ Open the emergency cover. Keep contacting the 9V battery onto the emergency power supply terminal.
ⓑ Press [*] button. (Once the motor is fully operated, you may detach the 9V battery.)

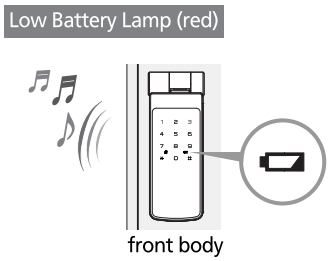
》To Replace Battery

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.)

2 Low Battery Alarm

You must replace all 4 batteries for the following cases:
- The alarm melody goes off
  (a nursery rhyme starting with ting-a-ling melodies)
- The voice guide goes off ("Please replace batteries.")



Note

- The battery duration varies in the temperature, humidity, the number of use, and the quality of the battery.

Yale® Memo

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