



User's Guide

YDM4109



Digital Door locks

INTRO

To get peace of mind, you need to secure yourself, your home and your personal belongings. Yale Digital Door Locks take care of all 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.yalegateman.com.cn>
<http://www.irevo.com.cn>

The world's favorite lock



CONTENTS

Getting Started

Safety Cautions	4
Product Features	5
Simplified Directions	6

Directions

Directions	10
Components Overview • Identification	
How to Use	12
Master Number	
Password	
Fingerprint Guide	
Normal Mode: Use Fingerprint	
Security Mode: Use Fingerprint	
Remove Fingerprint	
Lock Door	
Open Door from Inside	
Settings	20
Safe Handle Feature • Volume Setting Feature	
Auto / Manual Feature • Change to Fingerprint Mode	
Voice / Melody Feature • Language Setting	
Forced Lock	
Safety Feature	25
Alarm Feature	
3-minute Lock Feature • Open Door with false PIN code	

Extra Features

Option	28
Remote Control Module	
Remote Control	
Customer Service	30
Emergency Power Supply for Discharged Batteries	
Customer Service Request for Product Errors	
Product Specification	58

Safety Cautions

Must Read This!!!

Please read this carefully for your own safety.

Do not install the unit in outdoor environment.



Be careful not to let unauthorized user know your PIN Code.



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.



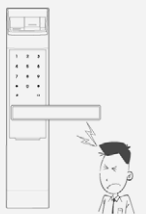
Please keep your password safely.



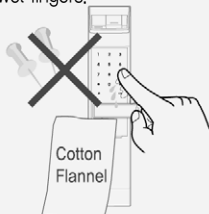
Make sure to lock the door tight when you go out.



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.



Do not spray water directly to the product or wipe it with chemical substances such as benzene, thinner, or alcohol when cleaning the product.



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

Product Features

1 One-touch Fingerprint Verification Method (Easy Scan)

Easy Scan technology has been applied to conveniently read a fingerprint in one shot without the need to open or close the cover to enter a fingerprint.

2 SHM(Safe Handle Mechanism) Technology

SHM(Safe Handle Mechanism) Technology that makes it impossible to open the Doorlock to trespass a house by drilling a hole on the entrance or through a pet door has been applied.

3 Palm Touch Feature

To prevent the password from being exposed due to residual fingerprints after opening a door, a new technology has been adopted to complete the door opening process by touching the keypad with a palm after entering the password.

4 Smart Pad Feature

A separate lighting method where each keypad number has been separately designed is applied so that users may examine intuitively how the selected function is operated and if they are run normally.

5 Voice Guide Feature

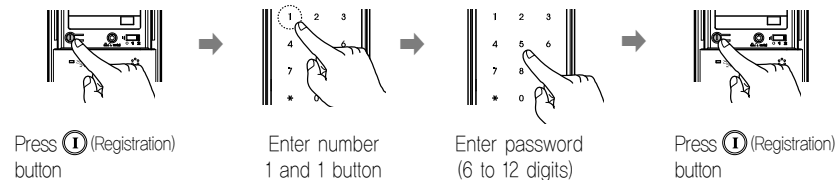
As the voice guide is offered that lets you know the operation status and how to set each feature and mode for easier and more convenient use.

6 Yale Networking System (Option)

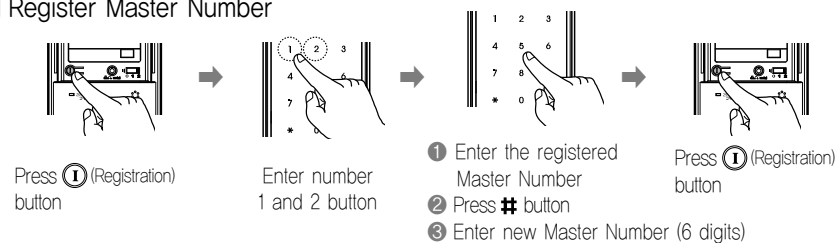
You may use a remote control by installing the Remote control Module. It enables you to link it with the Network package – a wireless security system.

Simplified Directions

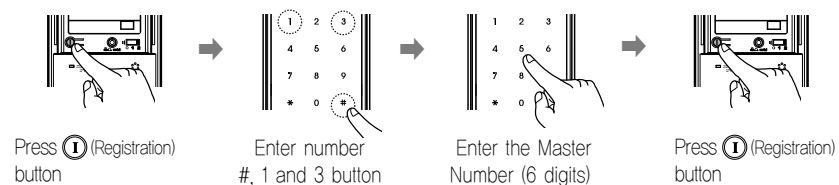
1 Register Password



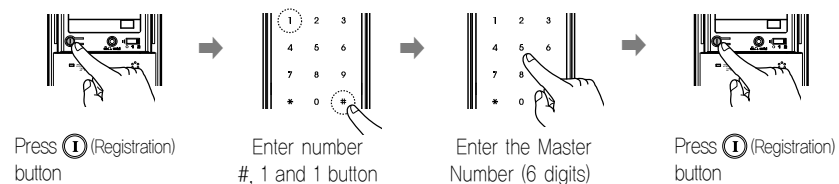
2 Register Master Number



3 Set Normal Mode (Fingerprint)

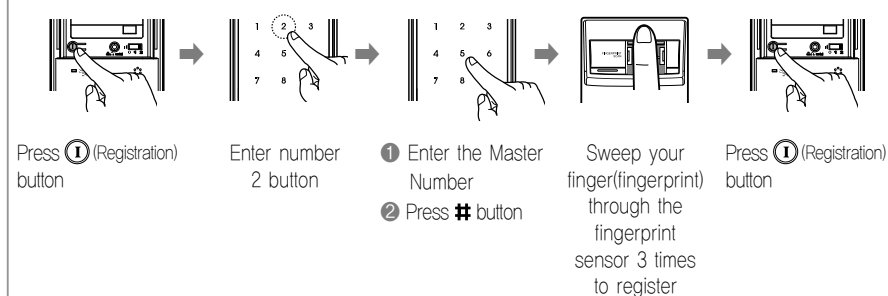


4 Set Security Mode (Fingerprint)

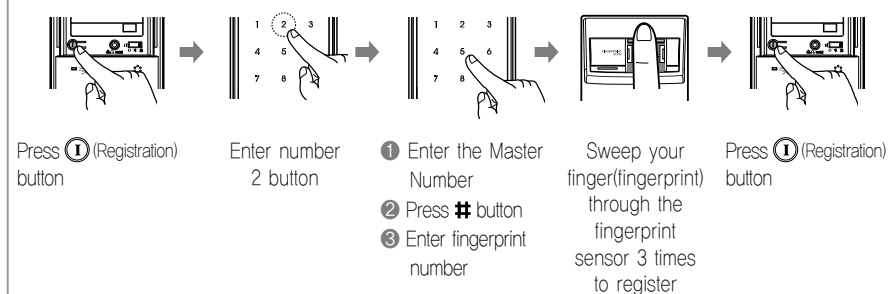


Simplified Directions

5 Register Fingerprints (Normal Mode)



6 Register Fingerprint (Security Mode)



⚠ Caution

- The default Master Number is '1 2 3 4 5 6'.
- It is advised to register the Master Number with the same one as a password in case you lose it.

Simplified Directions

7 Lock Door from Outside

- ① If you close a door in Auto Lock status, it will be closed within 5 seconds by the automatic lock sensor.
- ② In Manual Lock status, touch the keypad in the front body (Front Body) gently with your palm to lock a door.

8 Open Door from Outside

- ① Sweep a registered fingerprint through the fingerprint sensor.
- ② Touch the keypad in the front body gently with your palm to press the registered password. And then, press the keypad again gently with your palm or press * button to end.

9 Lock/Open Door from Inside

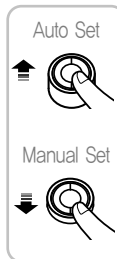
- ① Turn the manual open/close device. The deadbolt will open and close in turn.
- ② If Auto Lock is set, a door will automatically be closed once closed.
- ③ Press the Safe Handle button and lower the handle to open a door.



10 Set Auto/ Manual Mode

Press the Auto/Manual Lock Setting button in the back body to keep the button up.

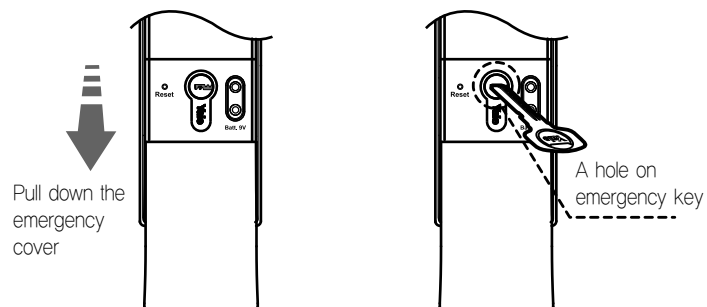
Press the Auto/Manual Lock Setting button in the back body to keep the button down.



7 Emergency mechanical key override

Please operate the lock with the mechanical key when there is a problem to the lock or unlock the door that is the same as below listed.

- Forgotten security code
- Electronic malfunction



Directions

Directions 10

Components Overview • Identification

How to Use 12

Master Number
Password
Fingerprint Guide
Normal Mode: Use Fingerprint
Security Mode: Use Fingerprint
Remove Fingerprint
Lock Door
Open Door from Inside

Settings 20

Safe Handle Feature • Volume Setting Feature
Auto / Manual Feature • Change to Fingerprint Mode
Voice / Melody Feature • Language Setting
Forced Lock

Safety Feature 25

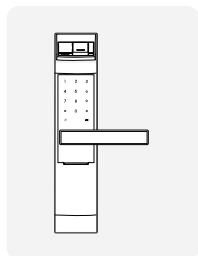
Alarm Feature
3-minute Lock Feature • Open Door with false PIN code

Components Overview

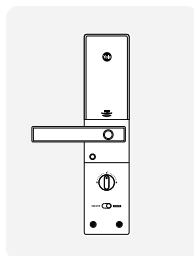
Basic Contents

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

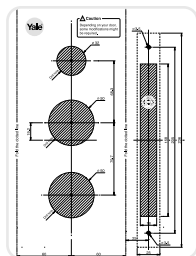
» Basic Contents



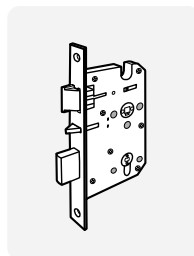
Front (Front Body)



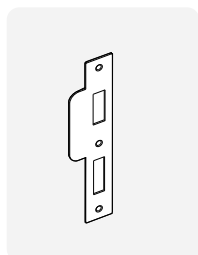
Back (Main Body)



Installation Template



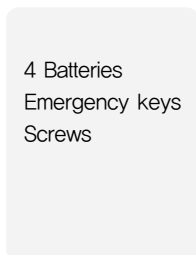
Lock case



Strike Plate



Users Guide



4 Batteries
Emergency keys
Screws

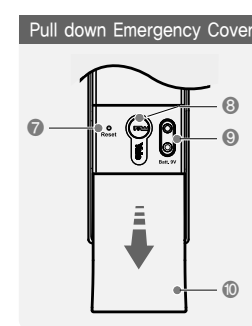
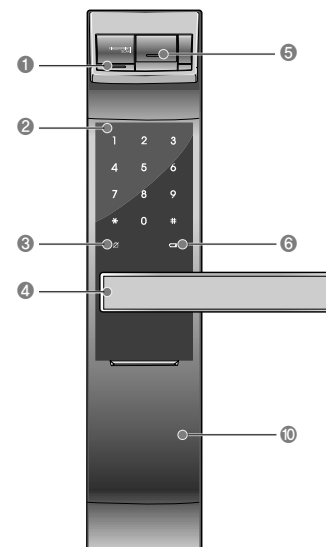
» Option

- Remote control
- Remote control module

Identification

Front

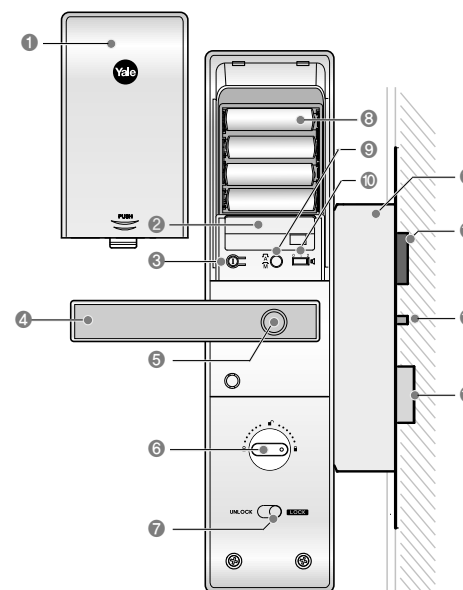
(Front Body, install on the outside of the door)



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

Back

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









1	Battery Cover
2	Slot for Remote control module(Optional)
3	① 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

How to Use

To Use Master Number

» To Register Master Number

Order	Play	Description
1 Press ① (Registration) button		Open the battery cover in the back body and press ① (Registration) button once.
2 Enter number 1 and 2 button		Press the number 1 and 2 according to the voice guide.
3 Enter the registered Master Number		Press the registered Master Number (6 digits) according to the voice guide. (The default Master Number is '1 2 3 4 5 6')
4 Enter # button		Press # button.
5 Enter a new Master Number to register		Press a Master Number (6 digits) to register according to the voice guide.
6 Press ① (Registration) button		Press the ① (Registration) button in the back body again to complete the Master Number registration.

To use Master Number



- The Master Number is required to register or remove a fingerprint.
- If you forget the Master Number, you may not register or remove a fingerprint.

Note




- The default Master Number is '1 2 3 4 5 6'.
- It is advised to register the Master Number with the same one as a password in case you lose it.

How to Use




To Use Password

Passwords should be selected from 6 to 12 digits, [*] and [#] are not allowed.

» To Register Password

Order	Play	Description
1 Press ① (Registration) button		Open the battery cover in the back body and press ① (Registration) button once.
2 Press number 1, 1 button ➔ Enter the password		Press the number 1, 1 button and then the password on the keypad according to the voice guide. (6 to 12 digits)
3 Press ① (Registration) button		Press the ① (Registration) button in the back body again to complete the password registration.

» To Open Door with Password

Order	Play	Description
1 Touch with palm		Touch the keypad of the front body gently with your palm.
2 Enter password		Enter the registered password in the exterior number plate.
3 Touch with palm		Touch the keypad of the front body gently with your palm or press [*] button to end.

Note

- Make sure to leave the door open when registering a password because you may accidentally lock a door while trying to register or change a password the first time.
- The previously registered password will automatically be deleted when the new password is registered.
- When registering a password, the registered password will be displayed on the keypad (Smart Pad) in sequential order and, then, be disappeared.

How to Use

Fingerprint

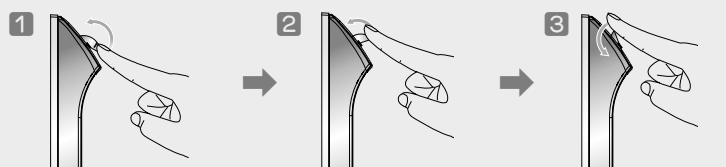
» Fingerprint Guide

To change modes: Please refer to page 19.

Normal Mode : It enables you to make separate registration, and open a door through the registered fingerprint or password.

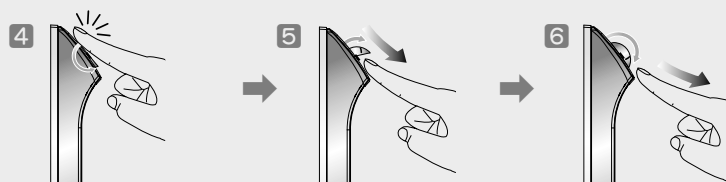
Security Mode : It enables you to make separate registration and deletion, and open a door only when the fingerprint number and the fingerprint match.

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.



When the fingerprint cover is completely open, the lamp will be on.

Start sweeping your fingerprint through the sensor.

Complete your fingerprint registration.

Note

- You may register up to 20 fingerprints. (The same applies to Normal/Security Mode)
- ※ 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 password just in case you fail to register a fingerprint.
- Make sure to leave the door open when registering a password because you may accidentally lock a door while trying to register or change a password 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.

How to Use

Normal Mode: Use Fingerprint

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

» To Register Fingerprint

Order	Play	Description
1 Press ① (Registration) button		Open the battery cover in the back body and press ① (Registration) button once.
2 Press number 2 button ➔ Enter the Master Number ➔ Enter # button		Press the number 2 button according to the voice guide. Press the Master Number and then the [#] button on the keypad.
3 Register fingerprint – 3 times		After the operation lamp is on, sweep your fingerprint 3 times through the fingerprint sensor according to the voice guide.
4 Press ① (Registration) button		Press the ① (Registration) button in the back body again to complete the fingerprint registration. (Press [#] button to continue the fingerprint registration process.)

» To Open Door with Fingerprint

Order	Play	Description
1 Lift the fingerprint cover open		Lift open the fingerprint cover and wait for the operation lamp to light on.
2 Enter fingerprint		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.

How to Use




Security Mode: Use Fingerprint

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

» To Register Fingerprint

Order	Play	Description
1 Press ① (Registration) button		Open the battery cover in the back body and press ① (Registration) button once.
2 Press number 2 button ➔ Enter the Master Number ➔ Enter # button		Press the number 2 button according to the voice guide. Press the Master Number and then the [#] button on the keypad.
3 Press fingerprint number		Enter 4-digit fingerprint number to register.
4 Register fingerprint – 3 times		After the operation lamp is on, sweep your fingerprint 3 times through the fingerprint sensor according to the voice guide
5 Press ① (Registration) button		Press the ① (Registration) button in the back body again to complete the fingerprint registration. (Press [#] button to continue the fingerprint registration process.)

» To Open Door with Fingerprint




Order	Play	Description
1 Touch with palm		Touch the keypad of the front body gently with your palm.
2 Press fingerprint number		Enter the registered fingerprint number in the keypad.
3 Enter fingerprint		Sweep the registered fingerprint through the exterior fingerprint sensor.

How to Use





Remove Fingerprint

You may only delete each fingerprint separately in the Security Mode.

» To Delete All Fingerprints

Order	Play	Description
1 Press ① (Registration) button		Open the battery cover in the back body and press ① (Registration) button once.
2 Press number 3 button ➔ Enter the Master Number		Press the number 3 according to the voice guide and then, the Master Number on the keypad.
3 Press ① (Registration) button		Press the ① (Registration) button in the back body again to delete all fingerprints.

» To Delete Each Fingerprint

Order	Play	Description
1 Press ① (Registration) button		Open the battery cover in the back body and press ① (Registration) button once.
2 Press number 4 button ➔ Enter the Master Number ➔ Enter the #		Press the number 4 according to the voice guide and then, the Master Number and [#] on the keypad.
3 Registered fingerprint number		Enter the fingerprint number to delete on the keypad.
4 Press ① (Registration) button		Press the ① (Registration) button in the back body again to delete a single fingerprint.

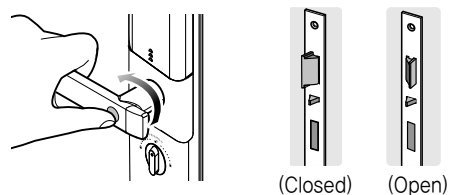
How to Use

Open Door from Inside

The default setting is Safe Handle Setting.

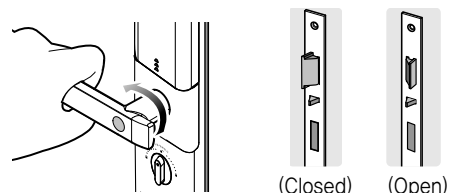
>> To Open Door from Safe Handle Setting

Keep pressing the Safe Handle button. And then, lower and push the handle at the same time. The Safe Handle button is found on the interior handle.



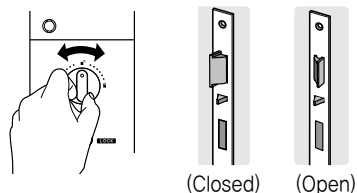
>> To Open Door from Safe Handle Setting Released

Lower and push the interior handle at the same time.



>> To Open with Manual Device for Emergencies

Turn the Manual thumb turn to Open side. Keep pressing the Safe Handle button. And then, lower and push the handle at the same time. The Safe Handle button is found on the interior handle.



Note

- Make sure to fully familiarize yourself with the operations for the Manual Device and the Safe Handle in preparation for emergencies.

How to Use

Lock Door

>> To Close Door from Outside

Order	Play	Description
Auto Lock status	5 Sec	The built-in Auto Lock sensor automatically locks a door within 5 seconds after the door was closed.
Manual Lock status		Touch the keypad in the front body gently with your palm to lock a door.

>> To Close Door from Inside

Order	Play	Description
Auto Lock status	5 Sec	The built-in Auto Lock sensor automatically locks a door within 5 seconds after the door was closed.
Manual Lock status		Turn the Manual Open/Close Device to Close side to lock a door.

Note

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

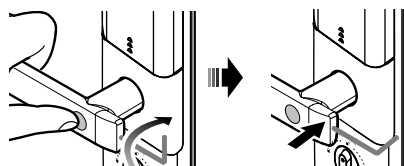
Settings

Safe Handle Feature

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

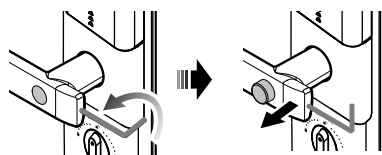
>> To Release Safe Handle Setting

- 1 Open the battery cover and take out a hex wrench.
- 2 Keep pressing the Safe Handle button. Turn the set bolt found in next to the handle to Close side.



>> To Set Safe Handle

- 1 Open the battery cover and take out a hex wrench.
- 2 Turn the set bolt found in next to the handle to Open side until the Safe Handle button comes out.



Volume Setting Feature

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

>> Volume Setting

Order	Play	Description
To set volume switch		The operation sound volumes are adjusted according to the Volume Switch Setting. (2 : Louder / 1: Lower / 0 : Mute)

Note

- Be careful that the set bolt won't detach when modifying the Safe Handle Setting.
- Even when the operation sound is set as 'Mute,' the error and alarm sounds will go off.

Settings

Auto / Manual Feature

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

>> To Set Auto/Manual Feature

Order	Play	Description
Auto Lock Setting		Press the interior Auto/Manual Setting button to keep the button up.
Manual Lock Setting		Press the interior Auto/Manual Setting button to keep the button down.

Change to Fingerprint Mode

The default setting is Normal Mode.

>> Fingerprint Mode Setting

Order	Play	Description
1 Press ① (Registration) button and # button		Open the battery cover in the back body. Press ① (Registration) button and then, [#] button.
Security Mode Setting Press number 1 and 1 button ➔ Enter the Master Number		Press the number 1 and then, 1 again on the keypad. Enter the registered Master Number.
Normal Mode Setting Press number 1 and 3 button ➔ Enter the Master Number		Press the number 1 and then, 3 again on the keypad. Enter the registered Master Number.
2 Press ① (Registration) button		Press ① (Registration) button again to set Security Mode or Normal Mode.

Note

- Even after a door was locked by the Auto Lock function, please check again if the door was completely locked.
- It is advised to keep the fingerprint exclusive number(4 digits) as a separate list just in case for a separate fingerprint deletion at Security Mode.
- If more than 1 fingerprint is registered after the Security Mode is set, you may not open a door with a password. (If the fingerprint module is broken, you may use a password.)

Settings

Voice / Melody Feature

You may select the operation sound that is set off when a door is open and closed.

>> To Set Voice/Melody Feature

Order	Play	Description
1 Press ① (Registration) button and # button		Open the battery cover in the back body. Press ① (Registration) button and then, [#] button.
2 Enter number 2 and 2 on the keypad		Enter the number 2 and then, 2 again on the keypad.
3 Press ① (Registration) button		Press ① (Registration) button again in the back body.

Language Setting

English and Chinese languages are supported.

>> Language Setting

Order	Play	Description
1 Press ① (Registration) button and # button		Open the battery cover in the back body. Press ① (Registration) button and then, [#] button.
2 Enter number 2 and 3 on the keypad		Enter the number 2 and then, 3 again on the keypad.
3 Press ① (Registration) button		Press ① (Registration) button again in the back body.

Settings

Forced Lock

>> Outside Forced Lock Setting – Fingerprint

Order	Play	Description
1 Enter fingerprint		Enter the registered fingerprint on the fingerprint sensor when the operation lamp(LED) is on.
2 Press # button for 5 seconds		Press the [#] button for 5 seconds. (A beeping sound sets off for 3 times.)

>> Outside Forced Lock Setting – Password

Order	Play	Description
1 Touch with palm		Touch the keypad of the front body gently with your palm.
2 Enter password		Enter the registered password in the exterior number plate.
3 Press # button for 5 seconds		Press the [#] button for 5 seconds. (A beeping sound sets off for 3 times.)

>> Inside Forced Lock Setting

Order	Play	Description
Set / Release Inside Forced Lock Switch		When the door is closed, move the Inside Forced Lock Switch to LOCK position so that a red sticker can be seen.

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 Inside Forced Lock is set, any attempt to open a door from outside whether it'd be a fingerprint or a password won't work.
- When setting the Outside/Inside Forced Lock, enter the number on the keypad (Smart Pad) and the numbers will flicker from left to right one by one and repeat twice.

Settings

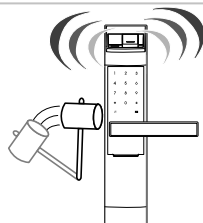
Alarm Feature

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 password.
- Method ②** Enter the registered fingerprint.
- Method ③** Press the interior ① button for 5 seconds.

Note

- 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.)

Safety Feature

3-minute Lock Feature

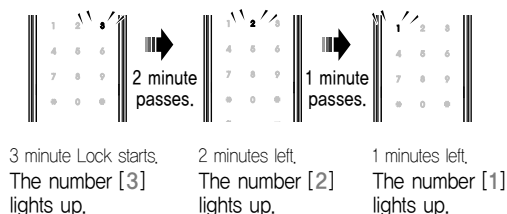
At 3-minute Lock mode, no button, besides those in the back body, will work.

» 3-minute Lock Mode Display

- If a password 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.

To Release 3-minute Lock

- Method ①** Press the interior ① button.
- Method ②** Turn the interior handle.



Open Door with false PIN code

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

» To Open Door with false PIN code

Order	Play	Description
① Touch with a palm		Touch the keypad with your palm gently.
② Enter the false PIN code and a password		Method ① Enter the false PIN code → password Method ② Enter the password → fake PIN code
③ Touch with a palm		Touch the keypad with your palm gently or press [*] button to end.

Note

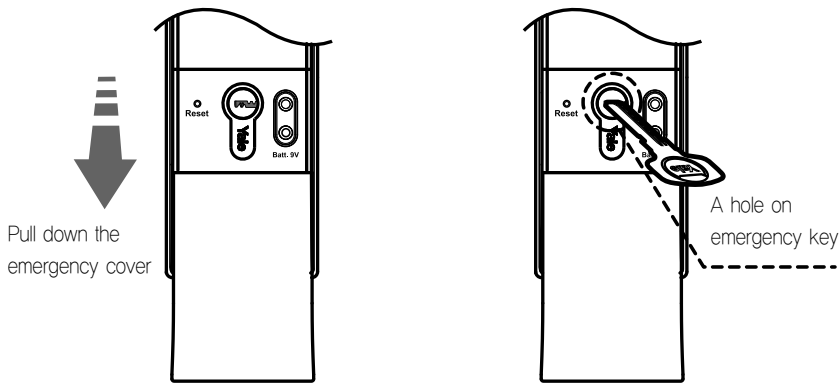
- 3-minute Lock mode won't affect the alarm mode and is sustained even after the product is rebooted.
- Once 3-minute Lock mode is on, the fake PIN code mode won't work until the next normal verification (fingerprint verification, normal password, open door from inside). In this case, please open a door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


Safety Feature

Emergency mechanical key override

» Emergency mechanical key override

- Please operate the lock with the mechanical key when there is a problem to the lock or unlock the door that is the same as below listed.
- Forgotten security code
- Electronic malfunction



 **Note**

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

Extra Features

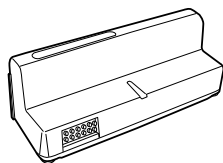
Option	28
Remote Control Module	
Remote Control	
Customer Service	30
Emergency Power Supply for Discharged Batteries	
Customer Service Request for Product Errors	



Option

Remote Control Module

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

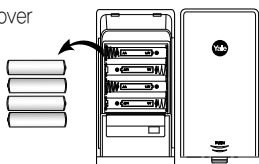


Remote control Module

» Install Remote Control Module

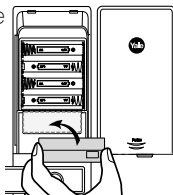
1 Remove batteries

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



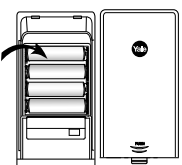
2 Install Remote Control Module

Equip the Remote control Module to the connector.



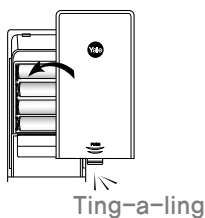
3 Insert batteries

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.

Option

Remote Control

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

» To Register Remote Control

Order	Play	Description
1 Press ① (Registration) button and # button		Open the battery cover in the back body. Press ① (Registration) button and then, [#] button.
2 Enter number 0 and 5 on the keypad		Enter the number 0 and then, 5 button on the keypad.
3 Register fingerprint		Press the SET button of the remote control
4 Press ① (Registration) button		Press the ① (Registration) button in the back body again to complete the procedure.

» To Release Remote Control

Order	Play	Description
1 Press ① (Registration) button and # button		Open the battery cover in the back body. Press ① (Registration) button and then, [#] button.
2 Enter number 7 and 5 on the keypad		Enter the number 7 and then, 5 again on the keypad.
3 Press ① (Registration) button		Press the ① (Registration) button in the back body again to complete the procedure.

Note

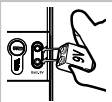



- The wireless encryption algorithm resorts to the floating ID technology where the wireless password is changed every time the remote control is operated.

Customer Service

Emergency Power Supply for Discharged Batteries

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

» To Supply Emergency Power

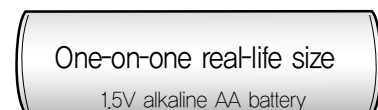
Order	Play	Description
1 Contact the 9V battery		Open the emergency cover. Keep contacting the 9V battery onto the emergency power supply terminal.
2 Touch with a palm		Touch the keypad gently with your palm.
3 Enter password		Press each number of your password.
4 Enter * button		Press [*] button again. (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.

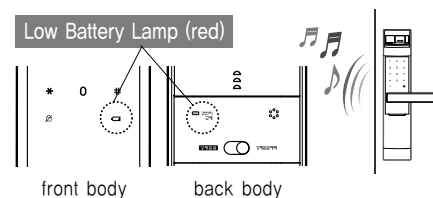
(Users are advised to use authentic alkaline batteries.)



2 Low Battery Alarm

You must replace all 4 batteries for the following cases:

- * The Low Battery Lamp on the front body lights on
- * The Low Battery Lamp on the back body flickers red
- * The alarm melody goes off
(a nursery rhyme starting with ting-a-ling melodies)
- * The voice guide goes off ("Please replace batteries.")

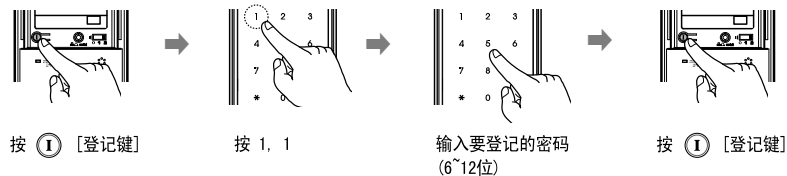


Note

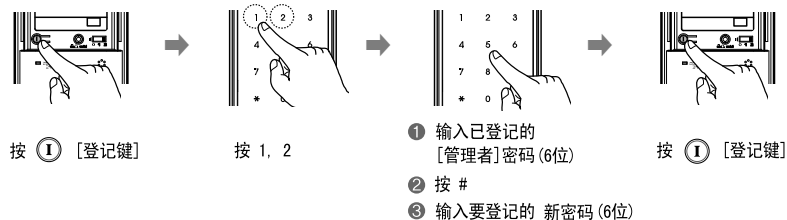
- The battery duration varies in the temperature, humidity, the number of use, and the quality of the battery.

主要使用方法

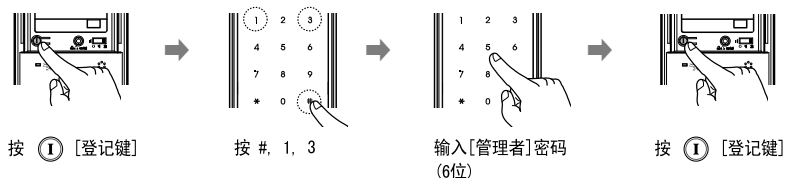
1 登记[一般]密码 (新产品出库时, 默认设定为1, 2, 3, 4, 5, 6, 7, 8, 9, 0)



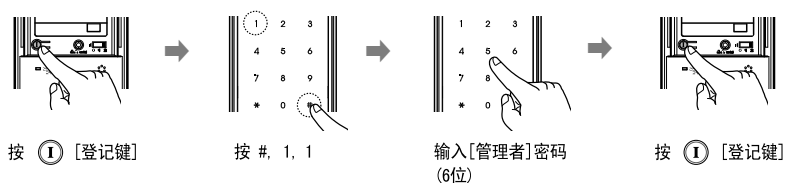
2 登记[管理者]密码 (新产品出库时, 默认设定为1, 2, 3, 4, 5, 6)



3 设置为[保安模式] → 按 ①, #, 1, 3, [管理者]密码,

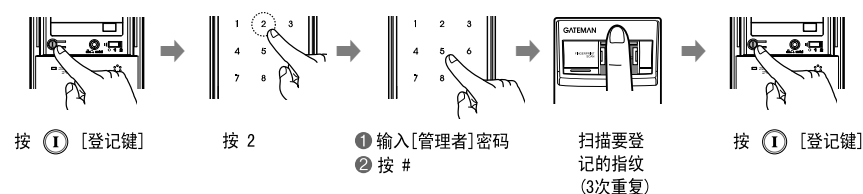


4 设置为[一般模式] → 按 ①, #, 1, 1, [管理者]密码,

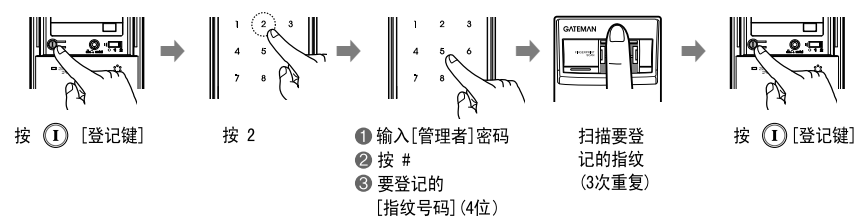


主要使用方法

5 登记指纹[一般模式]



6 登记指纹[保安模式]



▲ 注意

- * [一般]密码：开启门锁时, 使用的密码 (6~12位)
- * [管理者]密码：指纹登记/删除时, 使用的密码 (6位)
- * 指纹号码：在[保安模式]状态下, 必须指定的每个指纹的固定号码 (4位)
- * 本产品出库时, 默认设定为[一般模式]

主要使用方法

7 从外部锁定

自动锁定设定状态
关门后，5秒以内自动锁定

手动锁定设定状态
关门后，用手掌触摸密码键

8 从外部开启

扫描已登记的指纹

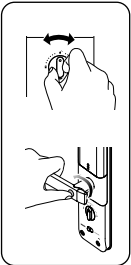
用手掌触摸密码键
→ 输入已登记的密码
→ 用手掌触摸密码键或，按 *

9 从内部锁定/开启


旋转手动旋钮


自动锁定设置状态时，关门后，5秒以内自动锁定


按着安全快开按钮，用把手开门



10 自动/手动锁定设定

自动锁定
按[自动/手动锁定按钮]，
设置为  状态

手动锁定
按[自动/手动锁定按钮]，
设置为  状态



11 紧急备用钥匙使用方法

- 如出现忘记密码，电池电量耗尽或回路异常无法运作等紧急情况时用紧急备用钥匙可锁门或开门
- 将室外部的紧急备用滑盖往下推，可看到紧急备用钥匙孔
- 对准紧急备用钥匙孔，插入钥匙并旋转可锁门或开门





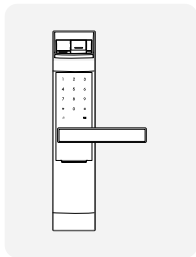
使用方法

使用指导	36
产品规格	
各部位名称	
使用产品	38
密码使用方法	
指纹使用方法	
保安模式下的使用方法	
一般模式下的使用方法	
删除指纹	
门锁定	
从内部开启	
设定功能	46
安全紧急快开功能	
音量调节功能	
自动/手动锁定设定	
设定声音	
指纹模式变更/设定	
强制锁定功能	
安心功能	50
警报功能	
3分钟自动锁死功能	
虚数密码功能	

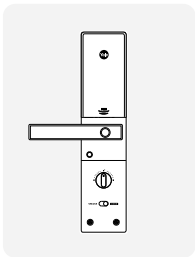
产品规格

基本构成品 为产品功能和质量的提升所作的内部结构的更改，恕不另行通知。

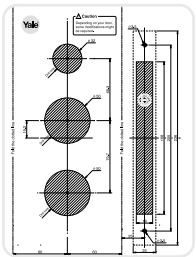
》 构成品



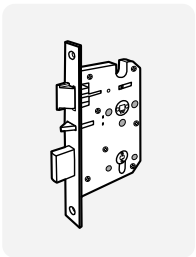
前壳(室外部)



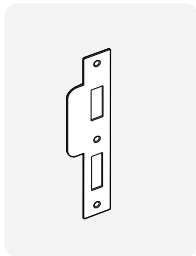
内壳(室内部)



安装图



锁芯



锁口片



说明书



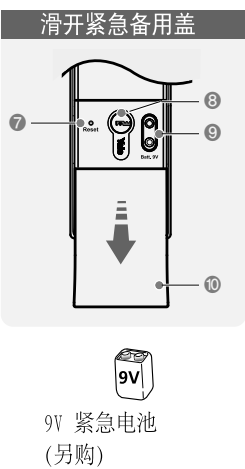
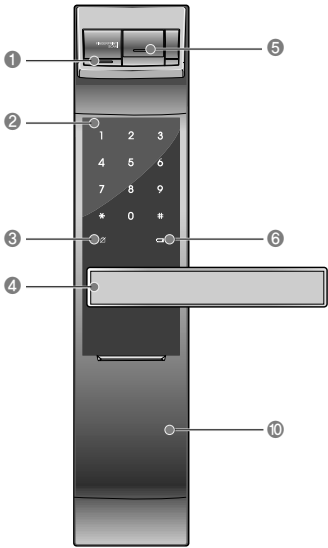
4个电池
机械钥匙
螺丝

》 选项产品

- 遥控器
- 网络盒

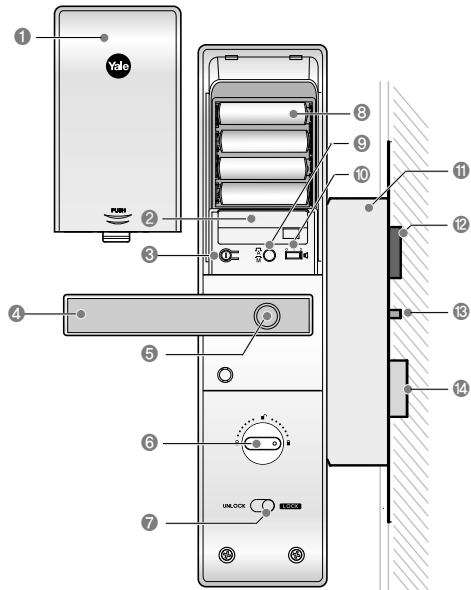
各部位名称

前壳(室外部)



1	指纹动作灯
2	智能密码键
3	锁舌拥塞警告灯
4	把手(室外部)
5	指纹模块滑盖
6	电池耗尽警告灯
7	重新启动按钮
8	机械钥匙锁芯
9	紧急电源接触口
10	紧急备用滑盖

内壳(室内部)



1	电池滑盖
2	网络盒插槽
3	① 登记按键
4	把手(室内部)
5	安全快开按钮
6	手动旋钮
7	内部强制锁定选钮
8	1.5V AA 电池
9	自动/手动锁定选钮
10	音量选钮
11	锁芯体
12	斜舌
13	自动锁定感应舌
14	锁舌(方舌)

管理者密码使用

》登录管理者密码

顺序	操作	具体方法
1 按 ① [登记键]		滑开室内部的电池盖后，按 ① [登记键]
2 按 1, 2 ➡ 输入密码		按照声音提示，先按 1，再按 2 后，输入要登记的6~12位密码。
3 输入已登记的管理者密码		按照声音提示，输入已登记的管理者密码（6位）
4 按 #		按 #
5 输入要登记的管理者密码		按照声音提示，输入要登记的新管理者密码（6位）
6 按 ① [登记键]		再按 ① [登记键]，密码登记结束

使用管理者密码



指纹登记或删除时，必须要管理者密码
忘管理者密码时，不能指纹登记或删除

参考

新产品出库时，默认设定为1，2，3，4，5，6
备忘管理者密码，推荐一样的登记跟一般密码

密码使用方法

密码设定时，不能使用登记 * 和 # 键

》登记[一般]密码 ➡ ①，1，1，密码（6~12位），①

顺序	操作	具体方法
1 按 ① [登记键]		滑开室内部的电池盖后，按 ① [登记键]
2 按 1, 1 ➡ 输入密码		按照声音提示，先按 1，再按 1 后，输入要登记的6~12位密码。
3 按 ① [登记键]		再按 ① [登记键]，密码登记结束

》用[一般]密码开启 ，密码（6~12位），

顺序	具体方法
1 用手掌触摸密码键	用手掌触摸密码键
2 输入已登记的密码	在室外部的触摸键，输入已登记的密码（6~12位）
3 用手掌触摸密码键	用手掌触摸密码键或，按 *

参考

- 登记密码或更改密码时，把门开着操作，以免失误的情况
- 每次密码变更时，提前登记的密码消失
- 完成登记密码后，密码键（智能密码键）显示确认完成的密码

使用产品

指纹使用方法

》指纹使用指南

一般模式：可以登记个别指纹。用个别指纹或密码开启
保安模式：指纹号码和登记的指纹一致时，开启

连续动作



参考

- 可以登记20个指纹
- 本产品采用扫描式指纹模块。湿手或有异物时，不能识别指纹。
- 登记指纹或更改指纹时，把门开着操作，以免失误的情况
- 可以重复登记已登记的指纹

使用产品

在[一般模式]下使用方法 可以登记个别指纹。用个别指纹或密码开启

》登记指纹 ➡ ①，2，管理者密码，#，扫描指纹(3次)，①

顺序	操作	具体方法
1 按 ① [登记键]		滑开室内部的电池盖后，按 ① [登记键]
2 按 2 ➡ 管理者密码 ➡ 按 #		按照声音提示，先按 2 后，输入已登记的管理者密码，最后按 #
3 扫描指纹(3次)		按照声音提示，扫描指纹3次
4 按 ① [登记键]		再按 ① [登记键]，登记结束 (如继续登记指纹，按 #)

》用指纹开启

顺序	操作	具体方法
1 卷起指纹模块盖		用手指卷起指纹模块盖到有提示灯亮
2 扫描指纹		扫描已登记的指纹

确认正常开启



登记密码或登记指纹后，必须检查是否正常登记完成

使用产品

在[保安模式]下使用方法 指纹号码和登记的指纹一致时，开启

》登记指纹 → ①，2，管理者密码，#，指纹号码，扫描指纹(3次)，①

顺序	操作	具体方法
1 按 ① [登记键]		滑开室内部的电池盖后，按 ① [登记键]
2 按 2 → 管理者密码 → 按 #		按照声音提示，先按 2 后，输入已登记的管理者密码，最后按 #
3 登记指纹号码		输入要登记的4位指纹号码 ※ 指纹密码：4位 ※ 管理者密码和一般密码：6位
4 扫描指纹(3次)		按照声音提示，扫描指纹3次
5 按 ① [登记键]		再按 ① [登记键]，登记结束 (如继续登记指纹，按 #)

》用指纹开启 → ，指纹号码，扫描指纹

顺序	具体方法
1 用手掌触摸密码键	用手掌触摸密码键
2 输入指纹号码	输入已登记的指纹号码(4位)
3 扫描指纹	扫描已登记的指纹

使用产品

删除指纹 在[保安模式]下，只能删除个别指纹

》删除全部指纹 → 按 ①，3，管理者密码，①

顺序	操作	具体方法
1 按 ① [登记键]		滑开室内部的电池盖后，按 ① [登记键]
2 按 3 → 管理者密码		按照声音提示，先按 3 后，输入已登记的管理者密码
3 按 ① [登记键]		再按 ① [登记键]，完成删除全部指纹

》删除个别指纹(在[保安模式]) → 按 ①，4，管理者密码，#，指纹号码，①

顺序	具体方法
1 按 ① [登记键]	滑开室内部的电池盖后，按 ① [登记键]
2 按 4 → 管理者密码 → 按 #	按照声音提示，先按 4 后，输入已登记的管理者密码，最后按 #
3 输入指纹号码	输入要删除的指纹号码
4 按 ① [登记键]	再按 ① [登记键]，完成删除个别指纹

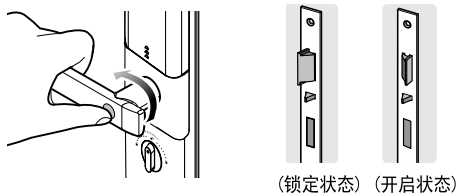
使用产品

从内部开启

生产时，基本设定为[安全紧急快开]状态

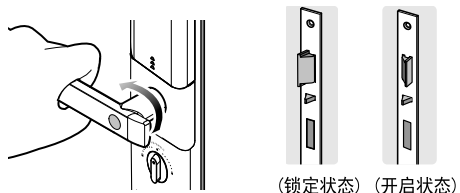
》[安全紧急快开功能]状态下，开启

按着室内部把手的[安全快开按钮]，
旋转把手开启。



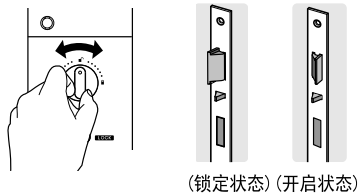
》解除[安全紧急快开功能]状态下，开启

直接旋转把手开启



》用[手动旋钮]，开启

旋转[手动旋钮]后，
按着室内部把手的[安全快开按钮]，
旋转把手开启



参考

- 为紧急情况，请熟知开启方法。

使用产品

门锁定

》从外部锁定

顺序	操作	具体方法
在[自动锁定状态]下	5秒	本产品有内装式感应器，关门时，在5秒内，自动锁定
在[手动锁定状态]下		用手掌触摸密码键，锁定

》从内部锁定

顺序	操作	具体方法
在[自动锁定状态]下	5秒	本产品有内装式感应器，关门时，在5秒内，自动锁定
在[手动锁定状态]下		旋转内壳的手动旋钮，锁定

参考

- 为安全的使用，每次锁定时，请检查是否正常锁定。

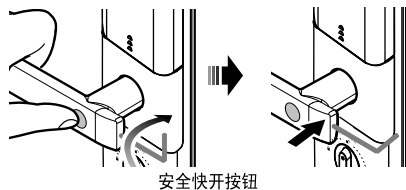
设定功能

安全紧急快开功能

为防止从门外部的强制开启

》解除[安全紧急快开功能]状态

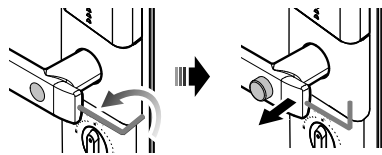
- 1 滑开室内部的电池盖后，
拿出“L”字搬子
- 2 按着[安全快开按钮]，按顺时针方向，
转把手侧面的无头螺丝



安全快开按钮

》设定[安全紧急快开功能]状态

- 1 滑开室内部的电池盖后，
拿出“L”字搬子
- 2 按时针反方向，转把手侧面的无头螺丝，
到凸出状态为止

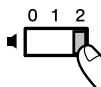


安全快开按钮 (凸出状态)

音量调节功能

控制产品的各种音量

》设定音量

顺序	操作	具体方法
设定音量按钮		0: 无声音, 1: 小声音, 2: 大声音

参考

- 设定[安全紧急快开功能]时，注意无头螺丝不要完全脱离把手。
在无声音设定状态下，误动作警告音及警告音会发生。

设定功能

自动/手动锁定设定

生产时，基本设定为[安全紧急快开]状态

》设定自动/手动锁定

顺序	操作	具体方法
自动锁定		按[自动/手动锁定按钮]，设置为  状态
手动锁定		按[自动/手动锁定按钮]，设置为  状态

指纹模式变更/设定

生产时，基本设定为[一般模式]状态

》设置为[保安模式] / [一般模式]

顺序	操作	具体方法
1 按  指纹模式变更/设定 按 		滑开室内部的电池盖后，按  [登记键] → 再按室外部密码键的 
保安模式 按 1, 1 → 输入管理者密码		先按 1, 1 后，输入已登记的管理者密码
一般模式 按 1, 3 → 输入管理者密码		先按 1, 3 后，输入已登记的管理者密码
2 按  [登记键]		再按  [登记键]，设定为[保安模式] / [一般模式]

参考

- 在设定[保安模式]下，登记指纹后，不能用密码开启
(但指纹模块故障时，可以使用密码开启)

设定功能

设定声音和提示音

可以选择门开启/关闭的动作音

》设定选择动作音 → 按 ①，#，2，2，①

顺序	操作	具体方法
1 按 ① [登记键] 按 #		滑开室内部的电池盖后，按 ① [登记键] → 再按室外部密码键的 #
2 按 2，2		按室外部密码键的 2 (两次)
3 按 ① [登记键]		再按 ① [登记键]，设定完成

选择语言

本产品可以选择英语或中文语言说明

》Language Setting → 按 ①，#，2，3，①

顺序	操作	具体方法
1 按 ① [登记键] → 按 #		滑开室内部的电池盖后，按 ① [登记键] → 再按室外部密码键的 #
2 按 2，3		按室外部密码键的 2 后 → 再按 3
3 按 ① [登记键]		再按 ① [登记键]，设定完成

参考

设定功能

强制锁定功能

》(用指纹)设定外部强制锁定 → 扫描指纹，# (5秒)

顺序	操作	具体方法
1 扫描指纹		扫描已登记的指纹
2 按 # (5秒)		按 # 键5秒后，有‘BIK-BIK-BIK’声音

》(用密码)设定外部强制锁定 → 触摸密码键，输入密码，# (5秒)

顺序	操作	具体方法
1 用手掌触摸密码键		用手掌触摸密码键
2 输入密码		输入已登记的6位密码
3 按 # (5秒)		按 # 键5秒后，有‘BIK-BIK-BIK’声音

》设定内部强制锁定

顺序	操作	具体方法
设定[内部强制锁定按键]		在门关闭状态下，选择[内部强制锁定按键] 到“LOCK”位置

参考

- 在[外部强制锁定]状态下，用室内部的把手或手动旋钮开启时，发生警报声音。
- 在[内部强制锁定]状态下，从外部用指纹或密码不能开启。

安心功能

警报功能

如没有解除警报状态，警报声音继续30分钟。

》侵入/破损警报

侵入：从外部破坏门侵入时，
警报声音发生

破损：从外部破坏锁体时，
警报声音发生



解除侵入/破损警报

- 方法①：输入已登记的密码
- 方法②：扫描已登记的指纹
- 方法③：按室内部的 ① [登记键]5秒

参考

- 门锁没有好关闭时，会有警报声音。
- 警报声音发生时，警告灯闪烁

安心功能

3分钟自动锁死功能

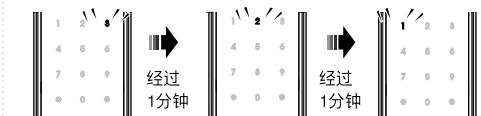
在[3分钟自动锁死]状态下，不能操作室外部的锁体。

》3分钟自动锁死显示

指纹和密码连续进行5次错误操作，
本产品会自动停止3分钟。
智能按键显示剩下的时间

解除[3分钟自动锁死]

- 方法①：按时内部的 ① [登记键]
- 方法②：转室内部的把手，开启。
- 方法③：用机械钥匙，开启



3分钟自动锁死状态

3 ➡ 剩余3分钟 2 ➡ 剩余2分钟 1 ➡ 剩余1分钟

虚数密码功能

害怕密码被盗时，加虚数密码防止密码露出。

》用虚数密码开启

顺序	操作	具体方法
1 用手掌触摸密码键		用手掌触摸密码键
2 输入虚数密码和已登记的密码		方法①：虚数密码 ➡ 已登记的密码 方法②：已登记的密码 ➡ 虚数密码
3 用手掌触摸密码键		用手掌触摸密码键或，按 *

参考

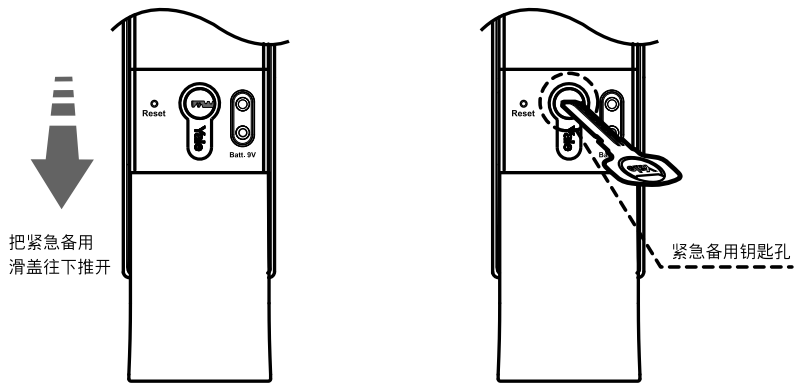
- 在[3分钟自动锁死]状态下，不能使用[虚数密码功能]开启，要用已登记的指纹和密码，解除警报。
- 在[3分钟自动锁死]状态下，警报功能也正常维持。

安心功能

紧急备用钥匙使用方法

》 紧急备用钥匙使用方法

如出现忘记密码，电池电量耗尽或回路异常无法运作等紧急情况时用紧急备用钥匙可锁门或开门
将室外部的紧急备用滑盖往下推，可看到紧急备用钥匙孔
对准紧急备用钥匙孔，插入钥匙并旋转可锁门或开门



参考

- 防紧急备用钥匙在安全的地方
- 要不然可能不会提供免费售后服务甚至以内保证期间

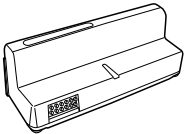
其他事项

选项产品	54
网络盒	
遥控器	
常见问题及解决方法	56
电池耗尽情况下 / 从外部提供电源的方法	
申请维修方法	
产品故障时	

1	2	3
4	5	6
7	8	9
*	0	#
☒		☐

网络盒

本产品通过简单的设置，可使用多种功能。功能升级之前先确认目前正在使用产品的型号。

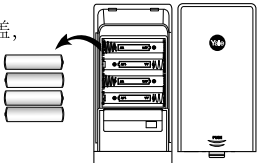


网络盒

》安装[网络盒]

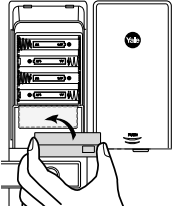
1 拆下电池

打开室内部的电池盖，拆下所有的电池。



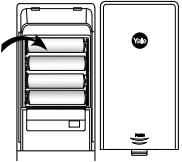
2 安装网络盒

把网络盒安装在网络盒连接部。



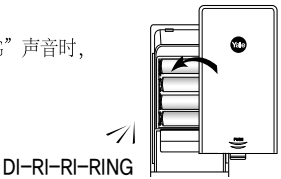
3 安装电池

确认(+), (-)方向，再放入全部电池。



4 确认

“DI-RI-RI-RING”声音时，正常安装完成。



遥控器

》登记遥控器 → ①，#，0，5，遥控器登记键(SET)，①

顺序	操作	具体方法
1 按 ① [登记键] → 按 #		滑开室内部的电池盖后，按 ① [登记键] → 再按室外部密码键的 #
2 按 0，5		按室外部密码键的 0，5
3 按遥控器的登记键		用针按一下遥控器的[SET/登记按钮] (可以连续登记到5个遥控器)
4 按 ① [登记键]		再按 ① [登记键]，登记完成

》删除遥控器 → ①，#，7，5，①

顺序	操作	具体方法
1 按 ① [登记键] → 按 #		滑开室内部的电池盖后，按 ① [登记键] → 再按室外部密码键的 #
2 按 7，5		按室外部密码键的 7，5
3 按 ① [登记键]		再按 ① [登记键]，删除完成

常见问题及解决方法

电池耗尽情况下，从外部提供电源的方法

》 从外部提供电源的方法

顺序	操作	具体方法
1 接上9V电池		把[紧急备用滑盖]往下推开后，接上9V电池。
2 用手掌触摸密码键盘		用手掌触摸密码键盘
3 输入密码		输入已登记的6位密码
4 按 *		再按 *，正常开启后，电池解开。

》 电池更换方法

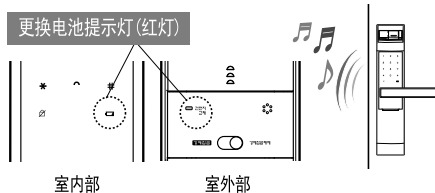
1 电池使用寿命

本产品使用4节1.5V Alkaline AA型号电池。
每天使用10次为标准可使用1年。(请使用正品电池)



2 更换电池提示

使用本产品时，如有提示音
乐和电池更换警告灯闪烁着红色灯，要更换全部电池



参考

按电池使用的环境(温度、湿度、使用量)和电池品质，电池寿命期会有不一样

常见问题及解决方法

申请维修方法

产品出现异常时，请与安装点(销售点)联系。

产品保修期间可以无偿享受A/S。

但是因消费者使用不当出现A/S或超过保修期，被认定为有偿A/S。

■ 消费者维修类型

(产品保修期为购买之日起一年)

消费者维修标准		维修内容	
		保修期以内	保修期以后
在正常使用状态下	购买安装后，12个月以内出现故障时	免费修理	有偿修理
	出现同样的故障2次时	免费修理	有偿修理
	出现同样的故障3次时	更换产品	有偿修理
	无修理用部件时	更换产品	有偿修理
非正常使用状态下	消费者失误造成的损坏	有偿修理	有偿修理
	电池等消耗品的更换	有偿修理	有偿修理
	产品原使用目的外的使用引起的故障及损坏	有偿修理	有偿修理
	故意或消费者自行拆装等原因引起的故障及损坏	有偿修理	有偿修理
	丢失密码时的拆装	有偿修理	有偿修理
因意外灾害 (如火灾，水灾，煤气事故等所出现的故障)		有偿修理	有偿修理

没有或遗失产品保修卡时被认定为有偿A/S，所以请务必保管好产品保修卡及发票。

▲ 注意

没有或丢失产品保修卡时被认定为有偿A/S，
所以请务必保管好产品保修卡及发票。

客户中心



400-880-7858

公司网站



www.yaledigital.com.cn
www.irevo.com.cn

Specifications

Specifications

Parts		Specifications	Remarks
Front (Front Body)		68.6(W) x 306.6(H) x 27(D)(70.6)mm, Zinc die-casting	Operating temperature : -15~55℃ (5~131 °F)
Back (Main Body)		72.8(W) x 306.6(H) x 37.0(D)(80.8), Flame-Retardant ABS, Zinc D/C	
Lever		Zinc die-casting	
Battery		4EA 1.5V AA alkaline batteries (Operating voltage: 4.5 ~ 6 V)	Last up to 10 months (10 times used a day)
Lock case		Steel and SUS304	
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.

构成物		产品式样	备注
室外部		68.6(W) x 306.6(H) x 27(D)(70.6)mm, Zinc die-casting	正规电压 : DC 6V 动作温度 : -15~55℃ 感应动作温度 : 55℃
室内部		72.8(W) x 306.6(H) x 37.0(D)(80.8), Flame-Retardant ABS, Zinc D/C	
把手		Zinc die-casting	
干电池		1.5V 干电池	一天10次使用标准 可使用一年
锁芯外壳		Steel and SUS304	
选择	遥控器	无线	选择 (个别购买)

使用期限根据干电池寿命可能有所差异

产品保修卡

S / N	购买日期			型号	
客户姓名			地址		
			安装日期		
电话号码 (H.P)			安装人员姓名	电话号码 (H.P)	
销售点					

※ 没有A/S产品保修卡时，被认定为有偿维修服务，所以请保管好此卡。

※ 公司联系号码

iRevo Inc.
上海易保电子有限公司
中国上海市闵行区先鋒街25号宝纳大厦9楼E、F室 (邮编 : 201103)
电话 : (021) 6446-4067 传真 : (021) 6406-0521

客户中心
400-880-7858

