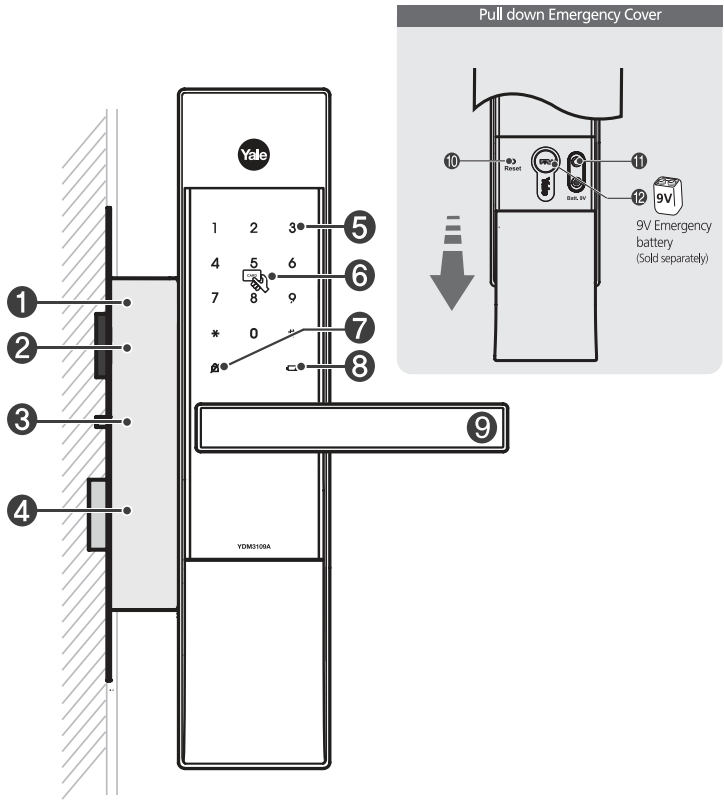
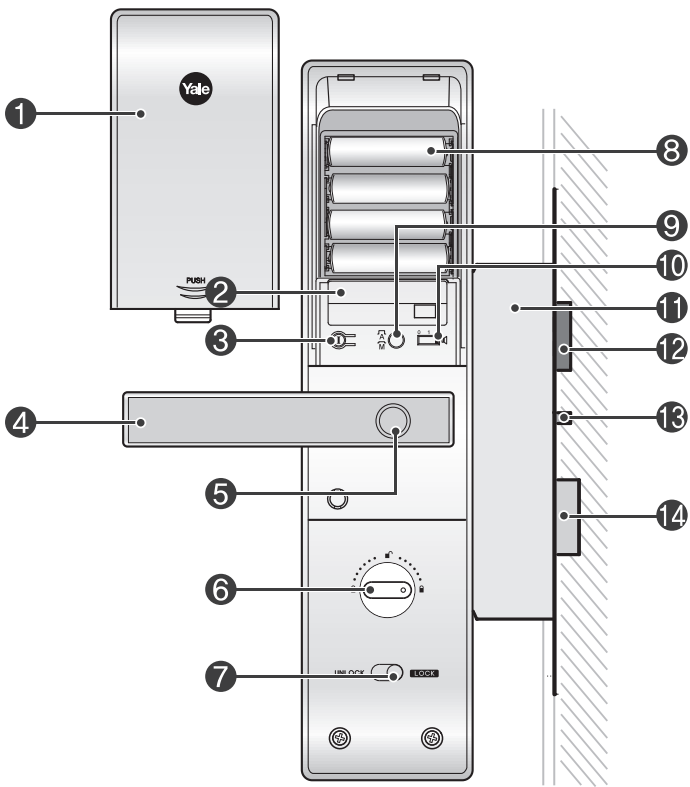


1. Front Body (Front Body, installation on the outside of the door)



4. Main Body (Main Body, installation on the inside of the door)



7. Setting Menu

Normal Mode: Without a designated person, anyone who knows 'User PIN Code' has authority to set features.
Master Code: Only a designated person who knows 'Master PIN Code' has authority to set features.
Visitor Code: The visitor code is different from user code and given out to visitors only.
Onetime Code: The onetime code is used only once for unlocking the door lock and automatically deleted after usage.
User Slot Number: It should be 2 digits(like '01', '02'...'99', '00') and available in advanced mode.

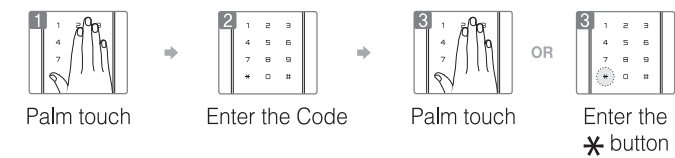
	Touch the Keypad of the Front Body with your palm to begin
	Press button on the Keypad
	Press button on the Keypad
	Press (Registration) button in every steps to start or complete the session
	Enter User Card Key (Up to 100EA)
	Enter User Code (4 ~ 10 digits)
	Enter Master Code (4 ~ 10 digits)
	Enter Visitor Code (Only 4 digits)
	Enter Onetime Code (Only 4 digits)
	User Slot Number should be 2 digits (like '01' ... '99' and '00'. Location of 100th user slot must be assigned '00' instead of '100'.)
	Rotation area to add more features

9. Quick Menu (Normal Mode)

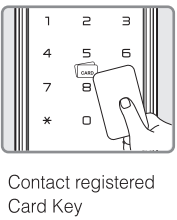
Normal mode is a convenient mode for anyone to set the digital door lock. User can set password like user code, visitor code, onetime code and register card keys as well. Factory default is a normal mode.

1	12 (Registration process)										* Continue / ① Complete	
	1	2	3	4	5	6	7	8	9	10	11	12
User Code												
Registr-ation	①	U PIN CODE New	①									
Card Key Up to 100EA												
Registr-ation	①	②	①									
Visitor Code												
Registr-ation	U PIN CODE	①	1	#	1	#	V PIN CODE	#	*	OR	①	
Delete	U PIN CODE	①	3	#	3	#	U PIN CODE	#	*	OR	①	
Onetime Code Automatically deleted after use												
Registr-ation	U PIN CODE	①	2	#	1	#	O PIN CODE	#	*	OR	①	
Delete	U PIN CODE	①	3	#	3	#	U PIN CODE	#	*	OR	①	
Delete all credentials (Card)												
Delete all card	U PIN CODE	①	3	#	U PIN CODE	#	*	OR	①			

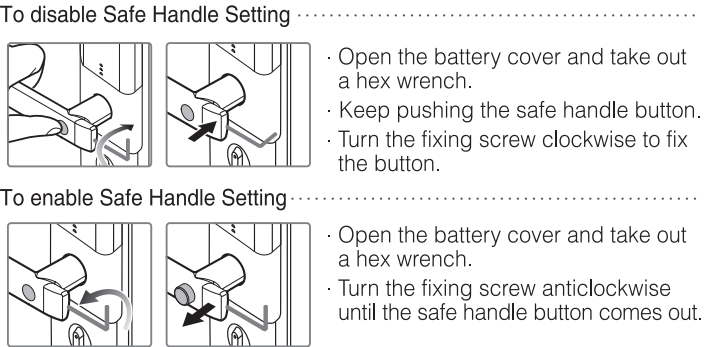
10. Unlocking Door with Code



11. Unlocking Door with Card Key



12. Safe Handle Feature



2. Basic Contents

Basic Contents

Front Body

Main Body

Lock Case

- User guide
- Installation guide
- 4ea AA Batteries
- 4ea Card Keys
- Emergency Keys
- Striker

Optional Accessories

- Remote Controller
- Remote Control Module
- Z-wave module
- Zigbee module
- Bluetooth module

3. Specifications

Parts	Specifications	Remarks
Front Body	68.6(W) X 306.6(H) X 27(D)(70.6)mm	Operating temperature -15~55° C (5~131° F)
Main Body	72.8(W) X 306.6(H) X 37(D)(80.8)mm	
Lever	Zinc die-casting	
Card Key	4ea	Up to 100 keys
Battery	4ea 1.5 VV alkaline batteries (Operating Voltage: 4.5 ~ 6V)	Last up to 1year (10times used a day)
Lock case	Steel and SUS430	
Option	Remote Control	Optional
	Z-wave	
	Zigbee	
	BLE module	

※ Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.

5. Front Body

	Lock case		Latch Bolt
	Automatic Locking Sensor		Dead Bolt
	Keypad(10-Key)		Card Key Reader
	Dead Bolt Jam Lamp		Battery Change Lamp
	Lever		Reset Button
	Emergency Power Supply Terminal		
	Emergency key		

6. Main Body

	Battery Cover		Slot for Remote control / Bluetooth module
	Registration button		Lever
	Safe Handle Button		Manual Thumb Turn
	Internal Forced Lock Switch		Batteries
	Auto/Manual Lock Button		Volume Control Switch
	Lock Case		Latch Bolt
	Automatic Locking Sensor		Dead Bolt

8. Product Features

3minute Lock Out Feature
After five(5) unsuccessful attempts at entering an invalid code or card key, 3 minute Lock out mode will be activated.

Fake PIN Code
Users can hide their pin code by either entering a series of digits at the beginning or after their pin code. Thus, the pin code is not exposed.

Smart pad
Convenient function that shows the operation of the door lock with 12 numbers and symbols on the number plate. It expresses various situations such as door opening, closing, and typing on a number plate.

Mechanical Key
When there is a problem such as forgotten security code electronic malfunction, the lock can be operated with mechanical key. You can lock and open the door by opening the case lid and turning the key.

Safe handle
There is a safety button embedded on the handle and user must press the button together with the handle to open the door. The safety button prevents break-in attempt by drilling holes on the door, inserting string loops from outside and pulling the handle to open the lock.

Smart Etiquette
To enter pin codes on the keypad and open the door lock in silent mode.

Bluetooth
User can use various bluetooth functions using Yale access module after pairing & registering a smart phone with door lock installed to the Yale access app.

Network Module Setting (*Optional)
This setting becomes available through the Main Menu (9) and allows the lock to connect with the Controllers.

14. Unlocking Door with Smart Etiquette



15. Locking the Door(Inside/Outside)

Automatic Lock Mode(Inside/Outside)
 In automatic lock mode, the lock automatically locked within 5 seconds after closing the door and detecting the automatic lock sensor.

Manual Lock Mode
 The door locks when touching the keypad with the palm. (outside)
 Use Thumb turn knob on the main body. (Inside)

Automatic Lock Setting
 Release the button to set automatic lock mode on the main-body (after opening the battery cover)
Manual Lock Setting
 Press the button to set manual lock mode on the main-body.

The diagram illustrates two authentication scenarios:

- Scenario 1:** A palm touch is followed by entering a user code (PIN code).
- Scenario 2:** A fake PIN code is entered, followed by the user code, and then a palm touch.

External Forced Lock Setting – User Code.....

 ➔ ➔

Palm touch Enter the Enter the
User PIN Code button for 5 Sec.

 Contact Card Key on [Card Key reader] for 5 sec. until you hear 3 beeps.

When the door is unlocked from outside based upon proper authentication, the External forced lock will be released.

The operation sound volume will be adjusted according to the Volume Switch setting.

0 1 2 : High

0 1 2 : Low

0 1 2 : Mute

If an invalid user code or card key is entered five(5) times in a row, lock out mode is activated and all buttons on the front body are not activated for three minutes.

- Open with inside door bar.
- Open the door with mechanical key.
- Press **I** button.

Intrusion Alarm : The alarm goes off when someone forces the door open. For example, In case of an intrusion by opening a gap in the door while the door is locked.

Broken Alarm : The alarm sounds when the front part is completely separated from the main set. For example, forced removal of external product (front body).

- Enter the registered User code.
- Press **I** button for 5 seconds.
- Touch the registered Card key.

One-on-one real life size
1.5V(LR6) Alkaline AA Battery

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.)

You must replace all 4 batteries in the following cases:

- * The Low Battery LED on keypad 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.

[illegible]

Master mode is a mode in which **only** the administrator can set the door lock and provide access to other users. 100ea user passwords, 100ea card keys and individual registration and **deletion** of one-time passwords **enable** efficient management of visitors.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

14 (Registration process)

✖ Continue / ✔ Complete

Switch to master mode (from normal mode)

Change Mode

U FN CODE

ⓘ

4

#

1

#

M FN CODE

New

#

M FN CODE

Again

ⓘ

Master Pin Code Change

Registration

M FN CODE

ⓘ

1

#

M FN CODE

New

#

M FN CODE

Again

*

OR

ⓘ

User Code

UN 01-99, 00: Location of 100th user slot must be assigned '00' instead of '100'

Registration

M FN CODE

ⓘ

2

#

1

#

UN

#

U FN CODE

#

*

OR

ⓘ

Delete

3

#

UN

#

*

OR

ⓘ

Card Key

Up to 100EA

Registration

M FN CODE

ⓘ

3

#

1

#

UN

#



#

*

OR

ⓘ

Delete

3

#

UN

#

*

OR

ⓘ

Onetime Code

Automatically deleted after use

Registration

M FN CODE

ⓘ

4

#

1

#

O FN CODE

#

*

OR

ⓘ

Delete

3

#

M FN CODE

#

*

OR

ⓘ

Delete all credentials

Registration

M FN CODE

ⓘ

5

#

M FN CODE

*

OR

ⓘ

Registeration

Remote Control Module

Up to 5EA

Registeration

Delete

Controller

Registeration

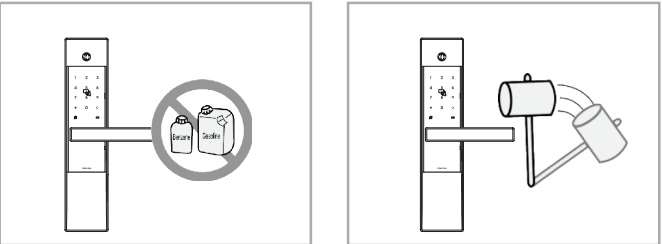
Delete

Switch to normal mode (from master mode)

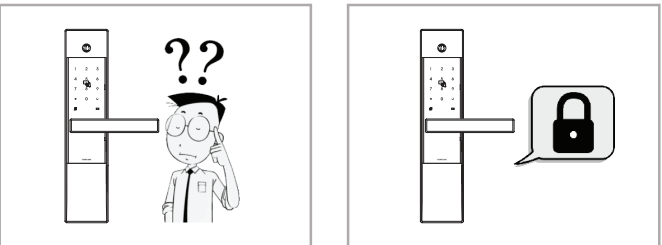
Change Mode

For use on residential entry doors. Not to be used where the internal escutcheon will be exposed to outdoor elements (e.g. on a gate).

Do not attempt to disassemble the digital door lock by yourself.

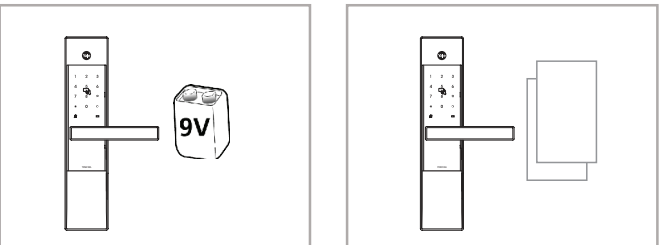


Do not use water and any type of solvent to clean the product such as gasoline or benzene as they can cause damage to electronic circuit, deterioration and or paint peel-off.	Do not use force with a tool onto the product.
--	--



When using, remember that someone else can see the

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



In case the batteries are completely discharged 9V battery can be used to supply electricity.	Keep the door lock touch screen clean with a dry, soft cloth and check for foreign substances.
---	--

Do not use a touch screen with wet hands.



User Guide

YDM3109A

Card Key

An ASSA ABLOY Group brand

ASSA ABLOY

- For use on residential entry doors. Not to be used where the internal escutcheon will be exposed to outdoor elements (e.g. on a gate).
- Do not attempt to disassemble the digital door lock by yourself. By doing so, you may get an electronic shock and give damage the product.
- Do not use force with a tool onto the product.
- Make sure to lock the door tight when you go out.
- Be careful not to hit the handle as it may cause injuries.
- 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.
- It is recommended to change User Code on a regular basis.
- In manual lock mode, make sure to double check whether the door is securely locked.
- When External Forced lock is set and unlock the door, the alarm will be activated.
- Do not use rechargeable batteries. Only alkaline batteries are recommended.
- Make sure to follow the above instructions to avoid any injuries.
- It cannot be guaranteed in a special conditions & environment such as water condensation, seaside.