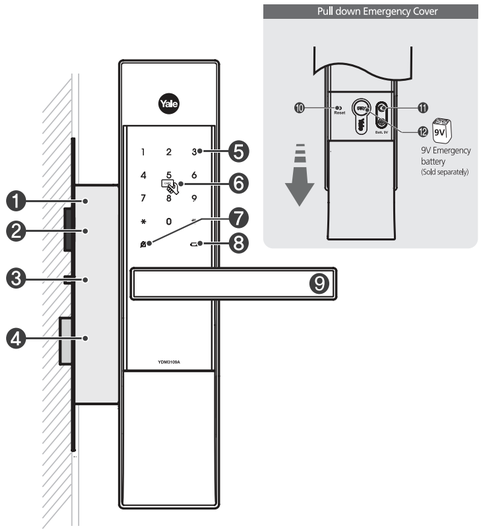
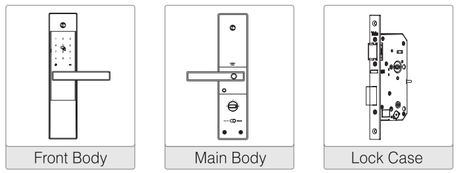
1. Front Body (Front Body, installation on the outside of the door)



2. Basic Contents

Basic Contents



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

Optional Accessories

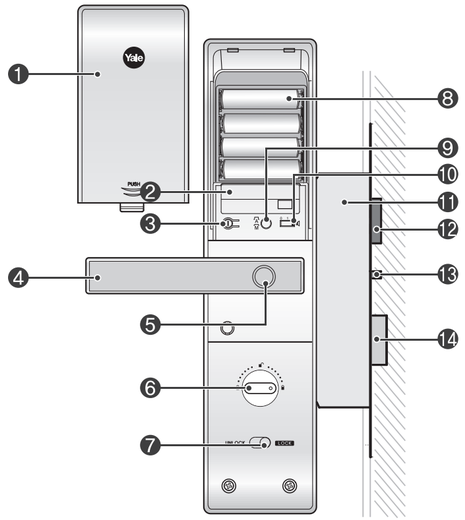
- Remote Controller
- Remote Control Module
- Z-wave module
- Zigbee module
- Bluetooth module

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	Wireless	Optional
	Z-wave		
	Zigbee		
	BLE module		

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

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



5. Front Body

❶	Lock case	❷	Latch Bolt
❸	Automatic Locking Sensor	❹	Dead Bolt
❺	Keypad(10-Key)	❻	Card Key Reader
❼	Dead Bolt Jam Lamp	❽	Battery Change Lamp
❾	Lever	❿	Reset Button
⓫	Emergency Power Supply Terminal		
⓬	Emergency key		

6. Main Body

❶	Battery Cover	❷	Slot for Remote control / Bluetooth module
❸	Ⓘ Registration button	❹	Lever
❺	Safe Handle Button	❻	Manual Thumb Turn
❼	Internal Forced Lock Switch	❽	Batteries
❾	Auto/Manual Lock Button	❿	Volume Control Switch
⓫	Lock Case	⓬	Latch Bolt
⓭	Automatic Locking Sensor	⓮	Dead Bolt

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
CARD	Enter User Card Key (Up to 100EA)
U PIN CODE	Enter User Code (4 ~ 10 digits)
M PIN CODE	Enter Master Code (4 ~ 10 digits)
V PIN CODE	Enter Visitor Code (Only 4 digits)
O PIN CODE	Enter Onetime Code (Only 4 digits)
UN	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

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.

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 / Ⓘ Complete

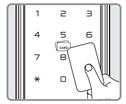
	1	2	3	4	5	6	7	8	9	10	11	12
User Code												
Registr-ation	Ⓘ	U PIN CODE New	Ⓘ									
Card Key												Up to 100EA
Registr-ation	Ⓘ	CARD	Ⓘ									
Visitor Code												
Registr-ation	U PIN CODE	Ⓘ	1	#	1	#	V PIN CODE	#	* OR Ⓘ			
Delete					3	#	U PIN CODE	#	* OR Ⓘ			
Onetime Code												Automatically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

Controller	
Registr-ation	U PIN CODE Ⓘ 9 # 1 # Cont roller # * OR Ⓘ
Delete	3 # U PIN CODE # * OR Ⓘ

How to press remote control set button
: Press the set(registration) button located on the front of remote control. You can press it using a pin like the picture.

10. Unlocking Door with Code

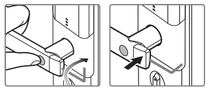
11. Unlocking Door with Card Key



Contact registered Card Key

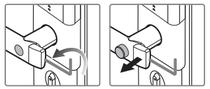
12. Safe Handle Feature

To disable Safe Handle Setting



- Open the battery cover and take out a hex wrench.
- Keep pushing the safe handle button.
- Turn the fixing screw clockwise to fix the button.

To enable Safe Handle Setting



- Open the battery cover and take out a hex wrench.
- Turn the fixing screw anticlockwise until the safe handle button comes out.

13. Opening Door(Inside/Outside)

From Outside

Press the lever handle down to open door

From Inside

To open when Safe Handle Settings are enabled :
Keep pushing the safe handle button. And then, Press the handle down to open the door.
To open when Safe Handle Settings are disabled :
Press the lever handle down and open the door.

Internal Forced Lock

Close the door and then move the lock button to **"LOCK"** position.

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)

16. Automatic/Manual Lock Setting

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.

17. Unlocking Door with Fake Code

Palm touch → Enter the user code and fake code OR Enter the Fake Code and User code → Palm touch

18. External Forced Lock

External Forced Lock Setting – User Code

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

External Forced Lock Setting – Card Key

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

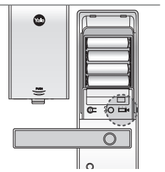
Releasing External Forced Lock Setting

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

19. Volume Setting

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



20. 3-minute Lock Out Feature

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.

To Release 3-minute Lock Out

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

21. Alarm

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).

To turn off alarm

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

22. Emergency power supply for discharged batteries

Replace 9V Batteries → Palm touch → OR Touch Card Key

23. Power supply

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.

24. Code Chart Duplicate if necessary

PIN Code Management(Up to 100 Users.)		
User Type	User Name	PIN Code
Master		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		
User ___		

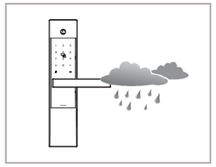
25. Quick Menu (Master / Advanced Mode)□

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.

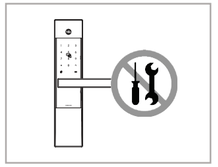
1 → 14 (Registration process) ✳ Continue / (I) Complete

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Switch to master mode (from normal mode)														
Change Mode	U PIN CODE	(I)	4	#	1	#	M PIN CODE New	#	M PIN CODE Again	(I)				
Master Pin Code Change														
Registr-ation	M PIN CODE	(I)	1	#	M PIN CODE New	#	M PIN CODE Again	#	✳	OR (I)				
User Code	UN 01~99, 00: Location of 100th user slot must be assigned '00' instead of '100'													
Registr-ation	M PIN CODE	(I)	2	#	1	#	UN	#	U PIN CODE	#	✳	OR (I)		
Delete					3	#	UN	#	✳	OR (I)				
Card Key	Up to 100EA													
Registr-ation	M PIN CODE	(I)	3	#	1	#	UN	#	CARD	#	✳	OR (I)		
Delete					3	#	UN	#	✳	OR (I)				
Onetime Code	Automatically deleted after use													
Registr-ation	M PIN CODE	(I)	4	#	1	#	O PIN CODE	#	✳	OR (I)				
Delete					3	#	M PIN CODE	#	✳	OR (I)				
Delete all credentials														
Registr-ation	M PIN CODE	(I)	5	#	M PIN CODE	#	✳	OR (I)						
Bluetooth / Yale Home Module (Yale Home app)														
Registr-ation	M PIN CODE	(I)	7	#	Set up a new device in the app									
Remote Control Module	Up to 5EA													
Registr-ation	M PIN CODE	(I)	8	#	1	#	UN	#	SET Button	#	✳	OR (I)		
Delete					3	#	UN	#	✳	OR (I)				
Controller														
Registr-ation	M PIN CODE	(I)	9	#	1	#	Controller	#	✳	OR (I)				
Delete					3	#	M PIN CODE	#	✳	OR (I)				
Switch to normal mode (from master mode)														
Change Mode	M PIN CODE	(I)	6	#	1	#	U PIN CODE New	#	U PIN CODE Again	(I)				

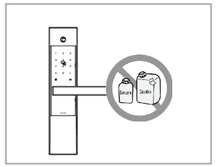
26. Important notes



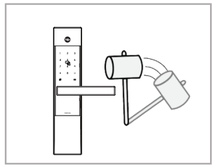
For use on residential entry doors. Not to be used where the internal escutcheon will be exposed to outdoor elements (e.g. on a gate).



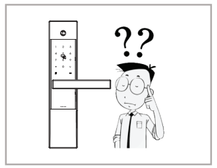
Do not attempt to disassemble the digital door lock by yourself.



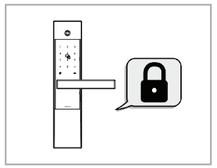
Do not use water and any type of solvent to clean the product such as gasoline or benzene as they can cause damage to electronic circuit, deterioration and or paint peel-off.



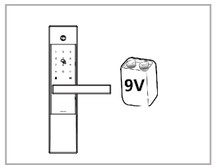
Do not use force with a tool onto the product.



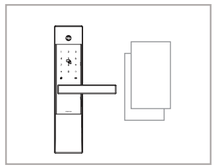
When using, remember that someone else can see the password.



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.

27. Safety and Warning

- **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 lock
- 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.

Yale

User Guide

YDM3109A

Card Key

An ASSA ABLOY Group brand

ASSA ABLOY

ISL-2006-00