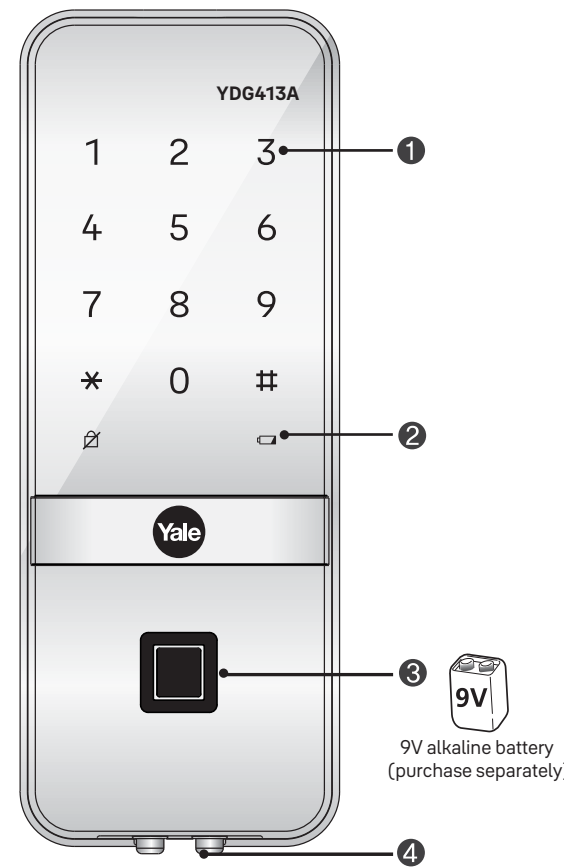
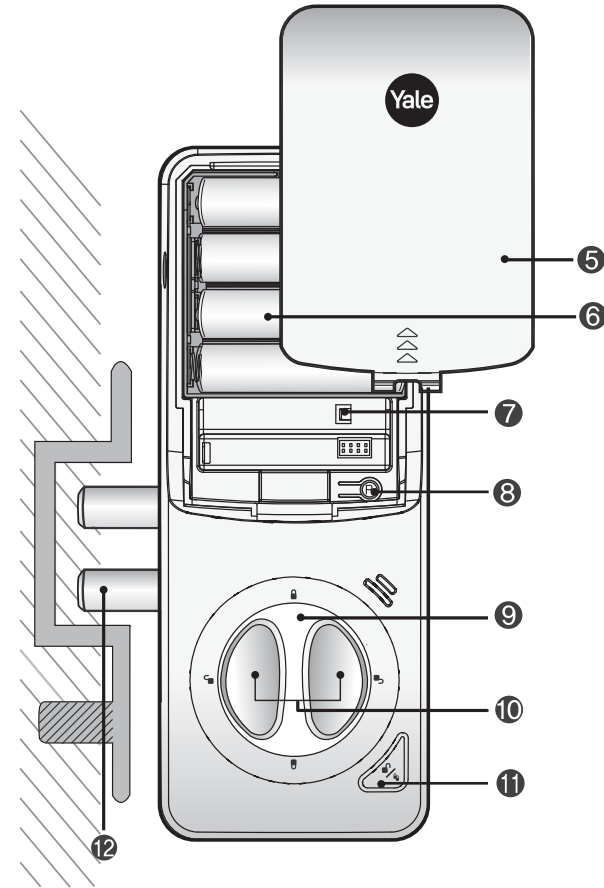


### 1. Front Body (installation on the outside of the door)

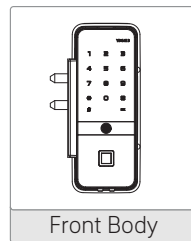


### 4. Main Body (installation on the inside of the door)

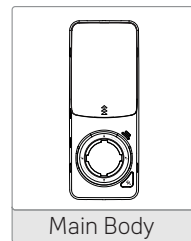


### 2. Basic Contents

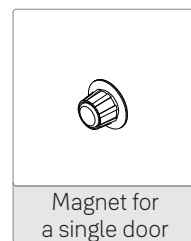
#### Basic Contents



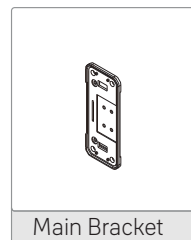
Front Body



Main Body



Magnet for a single door



Main Bracket

- Optional Accessories**
- User Manual
  - Installation Guide
  - AA Batteries X 4
  - Screws

- Remote Controller
- Remote Control Module
- Bluetooth Module

### 3. Specifications

Parts	Specifications	Remarks
Front Body	72.8 (W) X 186 (H) X 14 (D) mm	Operating temperature : -15 ~ 55°C
Main Body	77.5 (W) X 190.5 (H) X 48.8 (D) mm	
Battery	4EA 1.5 AA alkaline batteries (Operating voltage : 4.5 ~ 6V)	Last up to 1year (10 times used a day)
Option	Remote Controller BLE module	Wireless Optional

\* The durability depends on the battery life and the frequency of use.  
The color of the product may change if it is under the direct light for a long time, and it is not a defect.

### 5. Front Body

1	Keypad(10-key)
2	Low Battery Indicator
3	Fingerprint scanning area
4	Emergency Power Supply terminal

### 6. Main Body

5	Battery cover
6	1.5V AA Alkaline Batteries (4PCS)
7	Slot for Remote control module (Optional)
8	Registration button
9	Manual Thumb Turn
10	Internal Forced Lock Switch
11	Open / Close button
12	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
	Enter User Fingerprint (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

### 8. Product Features

**One-touch Fingerprint Verification**  
Easy Scan by Goodix fingerprint solution: Live finger detection and secure matching. The leading liveness performance improves the security of Yale smart lock dramatically.

**Yale Access Bluetooth App (Yale Access BLE module: optional item)**  
This service is an innovative solution provided by YALE. Using high-tech IoT technology, user can access and unlock the digital door lock with your smartphone.

**Smart Touchpad Automatic Locking**  
The automatic lock sensor detects the door closing and locks the door automatically within 5 seconds. The door locks when touch the keypad with the palm. As the automatic lock function does not work in manual lock mode, make sure to check that the door is securely locked when leaving the premises.

**3 minute Lock Out Feature**  
After five (5) unsuccessful attempts of an invalid code or fingerprint, lock out mode is activated for 3 minutes.

**Smart Etiquette**  
When entering a pin code on the keypad, the user can open the door lock in silent mode.

**Fake PIN Code**  
Security enhancement to enter any number before or after entering a password to prevent the PIN code from being exposed.

**Internal Forced Lock**  
It is a security-enhancing function that 'disables' authentication methods such as passwords, RFID cards and fingerprints from outside when setting up functions indoors.

**External Forced Lock**  
It is a security-enhancing function that an alarm goes off if someone opens door from inside when setting up functions outside.

**Voice Guide Feature**  
It guides user the operation status how to set each features, mode for easier and more convenient use.

**Other features and Benefits**

- Remote Controller (Optional): This option may not be available depending on your country or local dealer.
- Network Module/Controller (Optional): It allows door lock to connect with Home network controller.
- Intrusion/Broken Alarm.
- Low Battery Alarm and Emergency Power Supply.

**Magic Mirror**  
A magic Mirror function is applied, which the keypad number appears on the Mirror as soon as a user touches the product. The user can check the rear through the Magic Mirror, so that security can be enhanced.

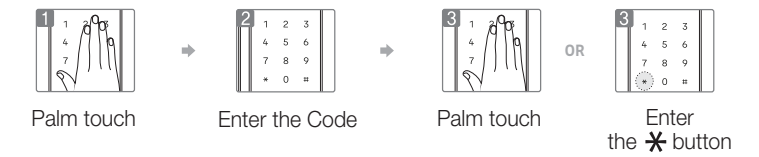
**Safe Thumb-turn**  
Only if a user pushes the two safe buttons simultaneously affixed to the thumb-turn knob, the user can turn the thumb-turn knob. Its security is improved compared to normal knob.

### 9. Normal Mode (Default Mode)

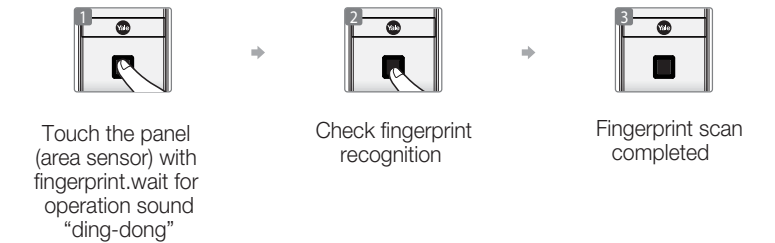
Normal mode is a convenient mode for anyone to set the digital door lock. User can set password like user code, visitor code, onetime code and register user's fingerprints as well. Factory default is a normal mode.

1	→ 12 (Registration process)	* Continue /  Complete										
1	2	3	4	5	6	7	8	9	10	11	12	
<b>User Code</b>	Only 1EA											
Registr-ation												
<b>Fingerprint</b>	Up to 100EA											
Registr-ation					OR							
<b>Visitor Code</b>	Only 1EA											
Registr-ation			1	#	1	#	V	#	#	* OR		
Delete			1	#	3	#	U	#	* OR			
<b>Onetime Code</b>	Only 1EA, Automatically deleted after use											
Registr-ation			2	#	1	#	O	#	* OR			
Delete			2	#	3	#	U	#	* OR			
<b>Delete all fingerprint credentials</b>												
Delete			3	#	U	#	* OR					
<b>Automatic Lock</b>												
Registr-ation			4	#	2	#	1	#	* OR			
Delete			4	#	2	#	3	#	* OR			
<b>Volume Control</b>												
High												
Low			4	#	3	#	2	#	* OR			
Mute												

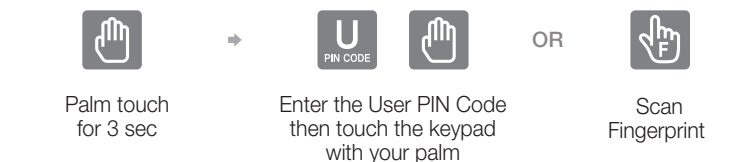
### 10. Unlocking Door with Code



### 11. Unlocking Door with Fingerprint



### 12. Unlocking Door with Smart Etiquette



### 13. Lock Door

**To close door from outside**

Step	Icon	Description
Manual lock status		Touch the keypad in the front body gently with your palm to lock a door.
Auto lock status	5	The built-in Auto Lock sensor automatically locks a door within 5 seconds after closing the door.

**To close door from inside**

Step	Icon	Description
Manual lock status (The default setting)		Turn the manual thumb turn to <b>unlock pressing</b> buttons together
		Press open / close button
Auto lock status	5	The built-in Auto Lock sensor automatically locks a door within 5 seconds after closing the door. (If an auto-lock magnetic is not installed, you cannot enable the auto-lock feature.)

\* Please check the deadbolt as it turns to standby mode and stop when closing door.  
If the door is twisted, the auto-lock feature will not function properly. Please check before use.

<b>Language Change</b>											
Registr-ation			4	#	5	#	1	Korean	#	* OR	
							2	Chinese	#	* OR	
							3	English	#	* OR	
							4	Taiwanese	#	* OR	
<b>Bluetooth setting (Yale Access app)</b>											
Registr-ation			7	#	Set up a new device in the app						
<b>Remote Controller</b> Up to 5EA											
Registr-ation			8	#	1	#	SET	#	* OR		
Delete			8	#	3	#	U	#	* OR		
<b>Home Network Controller</b>											
Registr-ation			9	#	1	#	Cont	#	* OR		
Delete			9	#	3	#	U	#	* OR		

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

#### Please note the following when using Yale Access Bluetooth App.

- Depending on product type or FW version, app registration and door lock connection in normal mode may not be possible, so if registration is not possible, change from normal mode to master mode and try again. [ App Registration in Master Mode: Master Pin Code-> R (Registration Button)-> 7-> # ]
- Because Yale Access Bluetooth App is only available in master mode, user code automatically changes to master code when registering APP in normal mode.
- Please be informed that all registered credentials will be deleted when changing mode or registering and deleting app.

## 14. External Forced Lock

### External Forced Lock Setting - Fingerprint

Scan with registered fingerprint and hold the fingerprint area until you hear 3 beep sounds.

### External Forced Lock Setting - User Code

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

### Releasing External Forced Lock Setting

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

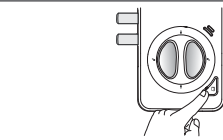
\* If compulsory external lock is setup, the door open / close button will not function. The alarm will go off if one tries to open the door through the manual opening/closing unit.

\* To open the door with the manual opening / closing unit under compulsory external lock setting, one must completely turn the knob within one second. Or else, the door will lock itself again.

## 15. Internal Forced Lock

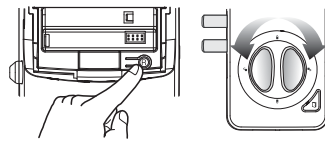
### Step

Press the Open / Close button for 5 seconds. Until you hear 3 beeps.



### Release

Press the **R** Registration button or, Turn the manual thumb turn to **Pressing buttons together**.



## 16. 3-minute Lock Out Feature

If an invalid user code or fingerprint 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

- Press the open / close button.
- Press **R** button.

## 17. Unlocking Door with Fake Code

There is no limitation for digits of Fake PIN Code.

Palm touch → Enter the user code and fake code OR Enter the fake code and user code → Palm touch

## 18. Emergency Power Supply for Discharged Batteries

Step	Icon	Description
1		Contact the 9V Alkaline battery. Open the emergency cover. Keep contacting the 9V Alkaline battery into the emergency power supply terminal.
2		Touch with a palm. Touch the keypad gently with your palm.
3		Enter User PIN Code. Enter each number of User PIN Code.
4		Touch with palm or Enter * button. Touch the keypad gently with your palm or Enter * button to confirm.

## 19. 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.)

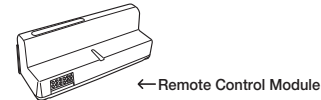
You must replace all 4 batteries in the following cases:

- \* 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.

## 20. 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. Close battery cover**  
Make sure the module is correctly mounted with the sound Ting-a-ling.

## 21. Master 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 fingerprint 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														
<b>Switch to master mode (from normal mode)</b>														
Change Mode	M	R	4	#	1	#	M	#	M	#	R			
<b>Master Pin Code Change</b> Only 1EA														
Registr-ation	M	R	1	#	M	#	M	#	*	OR	R			
<b>User Code</b> Up to 100EA														
Registr-ation	M	R	2	#	1	#	UN	#	U	#	*	OR	R	
Delete	M	R	3	#	UN	#	*	OR	R					
<b>Fingerprint</b> Up to 100EA														
Registr-ation	M	R	3	#	1	#	UN	#		#	*	OR	R	
Delete	M	R	3	#	UN	#	*	OR	R					
<b>Onetime Code</b> Only 1EA, Automatically deleted after use														
Registr-ation	M	R	4	#	1	#	0	#	*	OR	R			
Delete	M	R	3	#	M	#	*	OR	R					
<b>Delete all credentials</b>														
Delete	M	R	5	#	M	#	*	OR	R					

\* User Slot Number should be 2 digits. like '01' ... '99' and '00': Location of 100th user slot must be assigned "00" instead of "100".

## Automatic Lock

Registr-ation M R 6 # 2 # 1 # \* OR R  
Delete M R 6 # 3 # 3 # \* OR R

## Volume Control

High 1 # \* OR R  
Low M R 6 # 3 # 2 # \* OR R  
Mute 3 # \* OR R

## Language Change

Registr-ation M R 6 # 5 #  
1 Korean # \* OR R  
2 Chinese # \* OR R  
3 English # \* OR R  
4 Taiwanese # \* OR R

## Bluetooth Setting (Yale Access App)

Registr-ation M R 7 # Set up a new device in the app

## Remote Controller

Registr-ation M R 8 # 1 # UN # SET (button) # \* OR R  
Delete M R 3 # UN # \* OR R

## Home Network Controller

Registr-ation M R 9 # 1 # Cont roller # \* OR R  
Delete M R 3 # M # \* OR R

## Switch to normal mode (from master mode)

Change Mode M R 6 # 1 # U # U # R  
New Again

\* Voice guidance function :The lock provides voice guidance for user and it will be helpful to set up lock's features correctly.

\* All registered passwords and other credentials can be deleted at the time of mode change.

\* Please install(register) the network module when you want to use a remote control or home network.

## 22. Important notes

Do not install the digital door lock in an outdoor environment.

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

Do not spray water directly or wipe with chemicals such as benzene, gasoline or alcohol.

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.

## 23. Safety and Warning

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



# User Guide

## YDG413A

Fingerprint / PIN Code

Part of ASSA ABLOY

PLEASE READ INSTRUCTIONS BEFORE USE. The functions and design of this product can be changed without prior notice for performance and quality improvement.

Packaging of this product can be recycled.

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



ISL-1857-00-017