

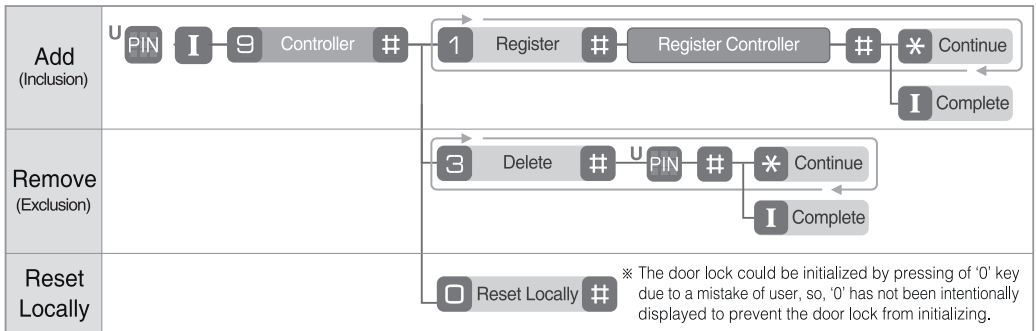


Digital Door Lock

User Guide YDM4109+

MUST READ

- This Product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications.
All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.
- This product(YDM4109+) is a Security Enabled Z-Wave Plus Product.
- Security Enabled Z-Wave Controller must be used in order to fully utilize this product.
- Network Module Setting : This setting becomes available through the Main Menu and allows the lock to connect with Controllers.
- **Reset locally : Z-Wave Module exclusion**
Please use this procedure only when the network primary controller is missing or otherwise inoperable.



※ You can find the Security 2 DSK information on the product as shown below.



Association Command Class

※ Association Group

- This product supports ONE association Group.
- Group is the Lifeline Group.
- It can contain up to 1 nodes.

※ S2 Security CCs and security level

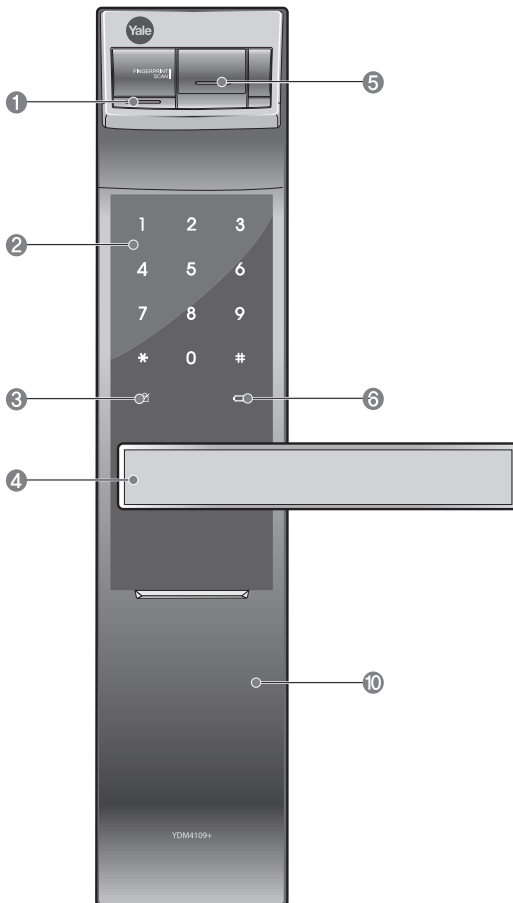
Command Class	Ver.	Note	Command Class	Ver.	Note
Alarm	1	Secure	Schedule Entry Lock	3	Secure
Association	2	Secure	Security	1	Non Secure
Association Group Info	1	Secure	Security 2	1	Non Secure
Battery	1	Secure	Supervision	1	Secure
Configuration	1	Secure	Time	2	Non Secure
Device Reset Locally	1	Secure	Time Parameter	1	Secure
Door Lock	2	Secure	Transport Service	2	Non Secure
Door Lock Logging	1	Secure	User Code	1	Secure
Manufacturer Specific	2	Secure	Version	2	Secure
Powerlevel	1	Secure	Z-Wave Plus Info	2	Non Secure

※ Configuration Command Class

Set the language of the Door Lock interface				
Usage	Parameter Number	Size	Value	Description
Set Language	0x05	1 byte	0x01	Korean
			0x02	English
			0x03	Chinese
			0x06	Taiwanese

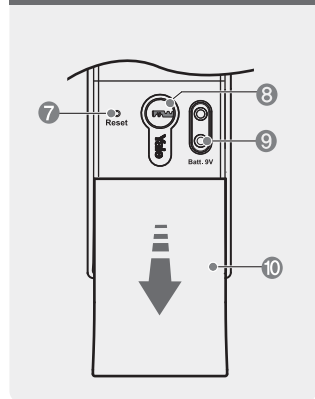
Front body

(Front Body, Installation 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

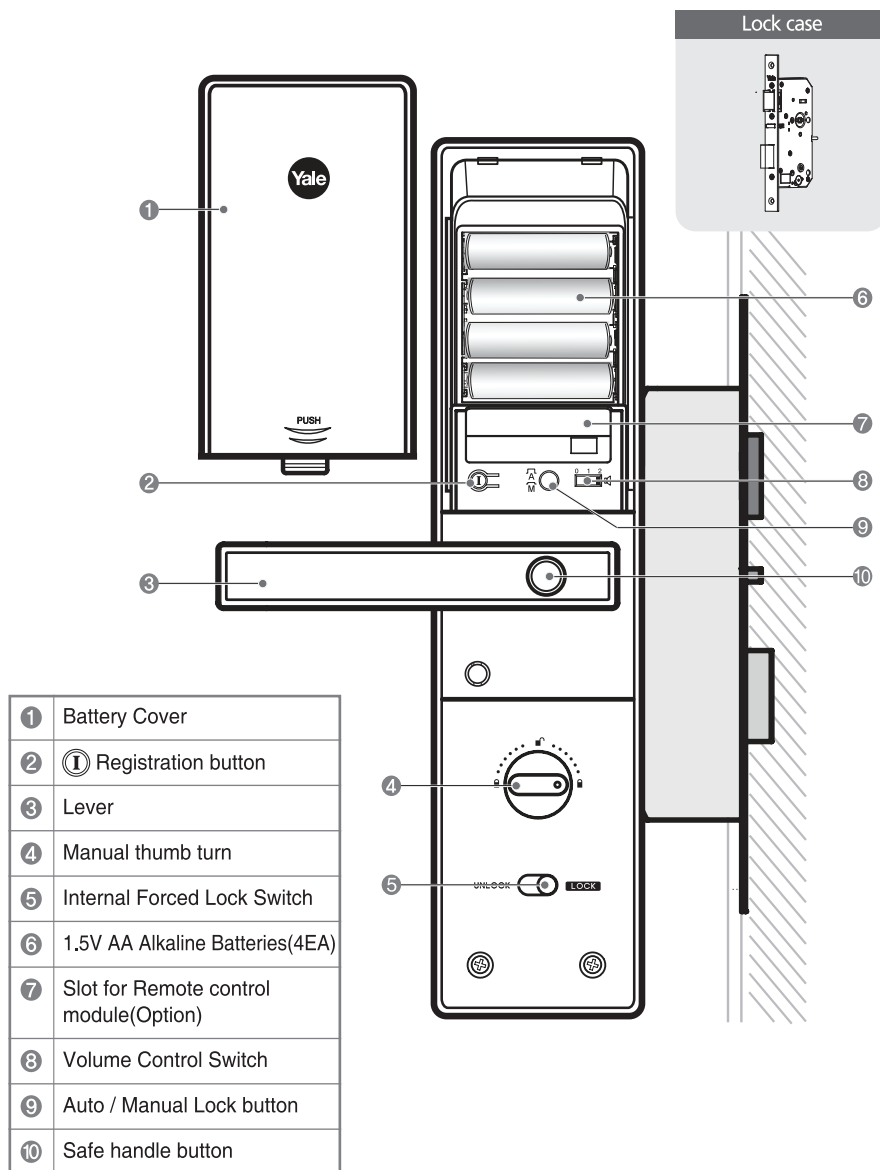
Pull down Emergency Cover



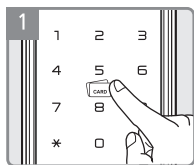
9V Emergency battery
(Optional)

Main body

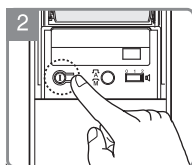
(Main Body, Installation on the inside of the door)



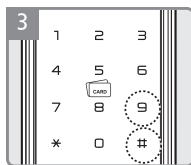
Register Controller



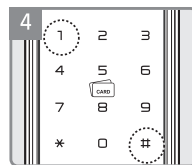
Enter the Master Code.



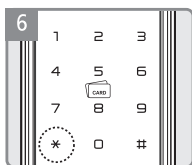
Press **I** button.



Enter [9], [#] buttons.

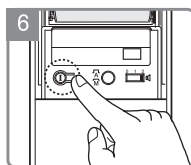


Enter [1], [#] buttons to register controller.



Press [*] button to continue.

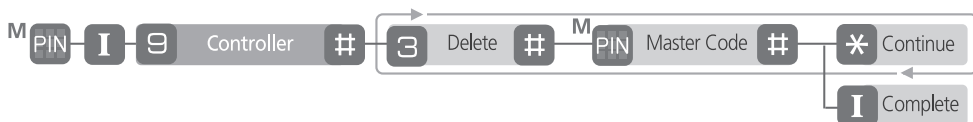
OR



Press **I** button to complete.

Register Controller followed by press [#] button to complete after beep sound from digital door lock

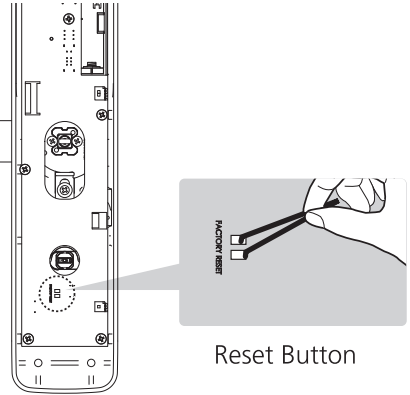
Delete Controller



Resetting Lock to Factory Default

When lock is reset to factory defaults all user codes (including the Master Code*) are deleted and all programming features are reset to original default settings (see below).

1. Remove the battery cover and batteries.
2. Remove the interior escutcheon to access the reset pads.
3. The reset pads are located on bottom of the PCB board (See image)
4. While pressing the reset pads with tweezers, reinstall batteries and release reset pads with tweezers.
5. Replace battery cover.

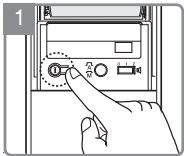


Reset Button

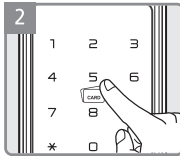
Upon reset, the Master Code creation is the only option available and must be performed prior to any other programming of the lock.

User Code Registration (4 ~10 digits)

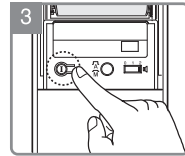
I **U** PIN User Code Registration(4 ~10) - Only One User Code **I** Complete



Press **1** button.



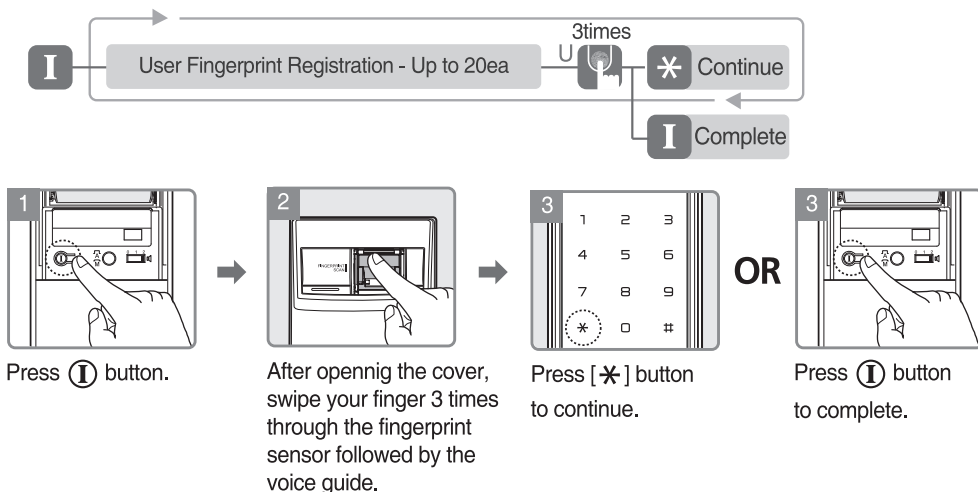
Enter New User Code.



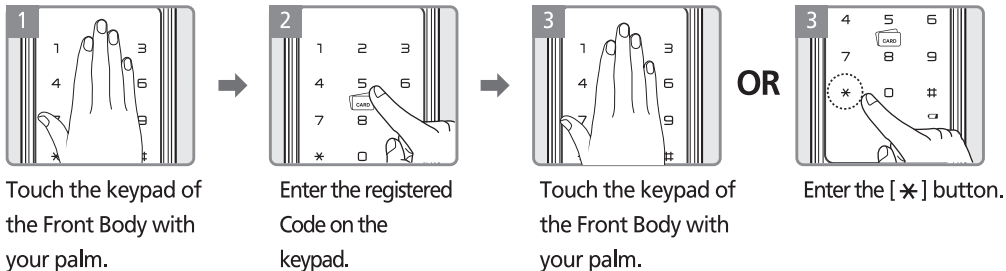
Press **1** button to complete.

User Fingerprint Registration (Up to 20ea)

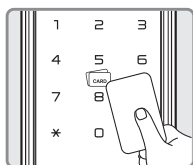
(Up to 20ea)



Unlocking Door with Code



Unlocking Door with Card Key



Contact registered
Card Key.