GC68-02600A

zigbang

SHP-DH538

USER MANUAL

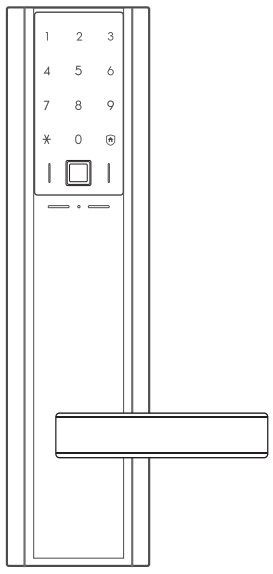
Convenient Opening
A user can conveniently open the door using fingerprint or password.

Silent Mode
When going in or out, the sound of the key entering and door opening will be suspended.

Security Assurance Function
When someone is inside the house, authorization for entry from the outside will be prohibited.

Away Security Function
When a user is outside the house, if the inside of the door lock is used, an alarm is generated.

High Temperature Alarm
If the inside of a house has a very high temperature, the door lock will be automatically unlocked.



https://homeiot.zigbang.com

Safety Cautions

Warning

This section contains important information to ensure the user's safety and prevent potential damage to property.
Please, read this section carefully and use the product accordingly.

- The user shall not install or repair the product without authorization.
- Do not install the product in the place where the gap between the door and the frame is 5 mm or more.
- Long-term exposure to direct sunlight may cause a crack on its touchpad. Avoid exposure to direct sunlight.
- Do not use excessive force or sharp objects to push the lock buttons, as this can damage the product.
- Do not operate the product with wet hands, and keep liquids such as water or drinks away from the product, or the product may malfunction or be damaged.
- Do not use water, benzene, or alcohol when cleaning the product, but use a soft dry cloth.
- Make sure that the door is completely closed when going outside.
- Make sure that no unauthorized person has access to the password. Change it regularly.
- Be sure to correctly match the ends (+/-) when installing the batteries. Wrong insertion direction or ends of batteries may cause batteries to burst or liquid leakage.
- When the battery replacement alarm melody is heard, replace all existing batteries with new ones.
- Depending on the wireless communication environment, battery consumption may increase.
- **Interference in wireless communication may occur when this product is used, or radio interference may occur from other devices.**
- As this radio system may have radio interference during the operation, it cannot provide a service for human lives.
- Excessive dew condensation may adversely affect the performance of this product.

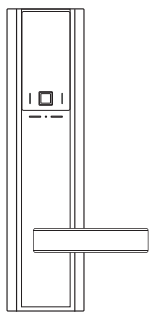
※ Customer's improper installation may result in additional service costs. We highly recommend professional installation.

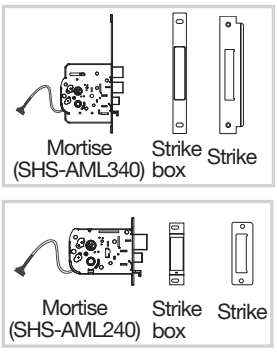
※ The information of this user manual may vary without any notices to improve the performance of this product.

Product Components

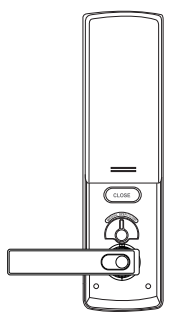
The product components may vary depending on the installation environment.

Outer Body



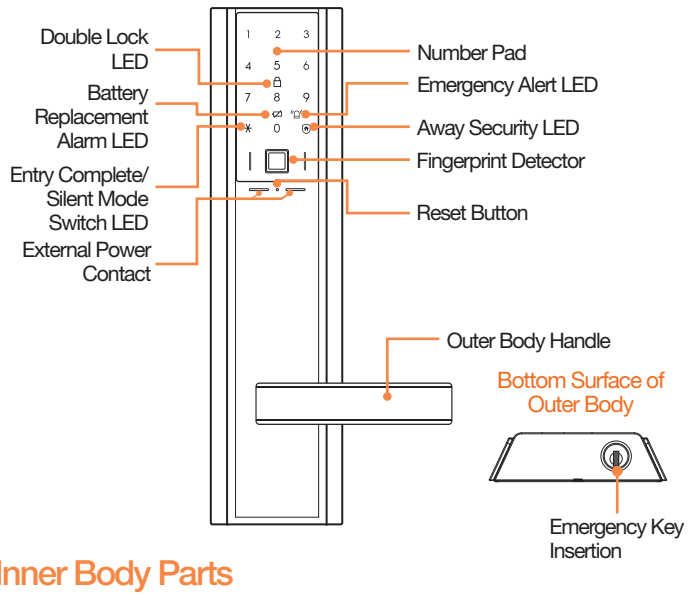


Inner Body

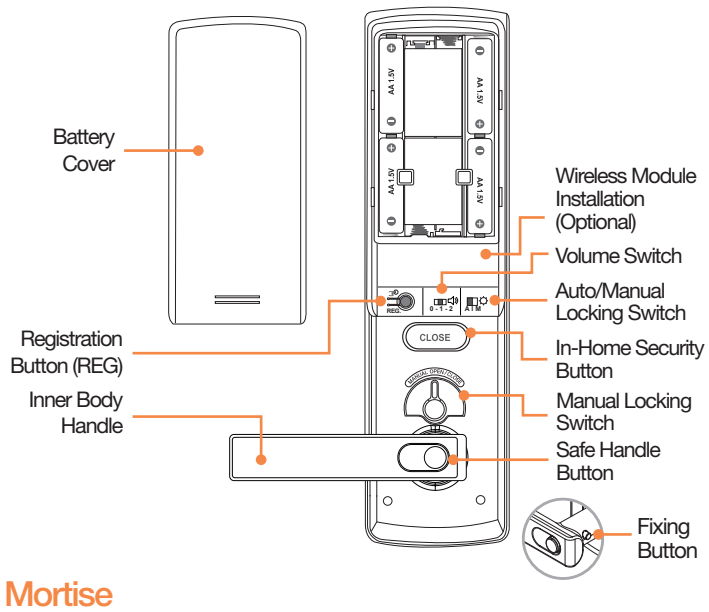


- User Manual, Emergency Key
- 'AA' Batteries (LR6)
- Handle Shaft Spring
- Handle Shaft, Installation Screws
- Spacer
- Installation Manual

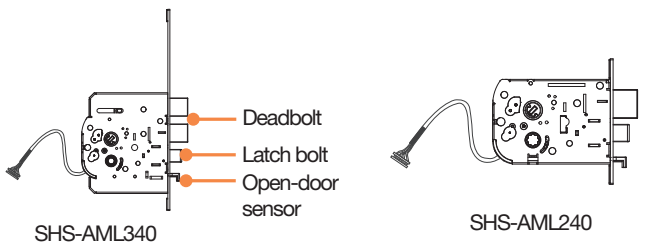
Outer Body Parts



Inner Body Parts



Mortise

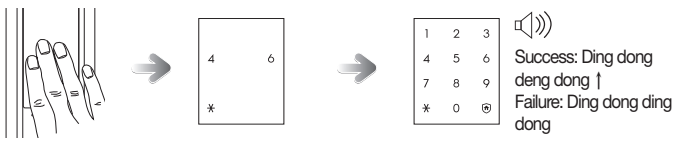


Opening the Door from Outside (Password)

When purchased, the product is set to Multi-leveled Security Code Entry Mode initially. Please, refer to "Multi-leveled Security Code Entry Mode setting" for Common Mode setting.

※ Silent Mode
Before entering a password, press the [*] button and enter the password, then both the sound of the key entering and the door opening will be suspended. It is a useful function if you do not want to disturb neighbors when you go in and out at night.

1. Multi-leveled Security Code Entry Mode

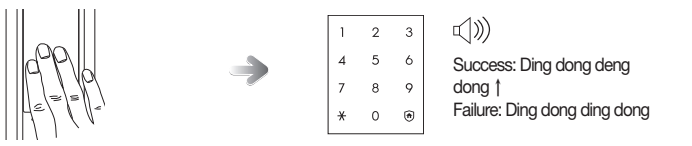


Touching the [number pad] will light up the number pad.

When two arbitrary buttons are lighted, touch the buttons in order.

When the numbers on the number pad are lighted, enter the password and touch the [*] button.

2. General Mode



Touching the [number pad] will light up the number pad.

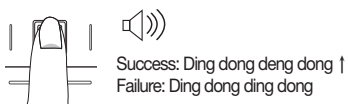
Enter the password and touch the [*] button.

Note

- A password must be entered after the light is on. If not, touch the [number pad] and re-enter the password.
- To cancel the password entry, press the [ ] button and re-enter the password.
- If the password is entered wrong 5 times in a row, a warning sound, "Bbri-bbri-bbri," will be generated 20 times, and the system will shut down for about 3 minutes. When malfunction happens, a "beep" will sound every 10 seconds, and the entry block mode will be turned off automatically after 3 minutes with the sound of "beep beep beep beep beep beep beep."

Opening the Door from Outside (Fingerprint)

A locked door can be opened from outside by using a fingerprint.
Place the registered fingerprint on the fingerprint detector.

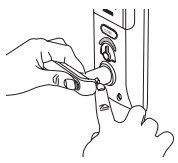


Success: Ding dong deng dong ↑
Failure: Ding dong ding dong

When the fingerprint LED is turned on, the door will be opened after 1 second.

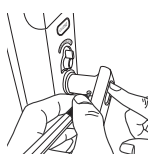
Opening the Door from the Inside

Fix the Safe Handle Button



While pressing the safe handle button, press the Fixing button.

Unfix the Safe Handle Button



While pressing the safe handle button, push the Fixing button (using a ballpoint pen, etc.) to protrude it again.

Open the Door While the Fixing Button is Pressed

Pull down the handle to open the door.

Open the Door While the Fixing Button is Not Pressed

Press the safe handle button, and pull down the handle to open the door.

Use the Manual Locking Switch

Turn the Manual Locking Switch left or right on the inner body to lock or unlock the door.

Note

- To prevent an intrusion, it is recommended to close the door while the Fixing button is not pressed.
- When frequently going in and going out, press the Fixing button to conveniently open the door.

Locking the Door from the Inside

Automatic Locking Setting The door is automatically locked 1 second after the door is closed.

Manual Locking Setting CLOSE Touch the [In-Home Security] button to close the door.

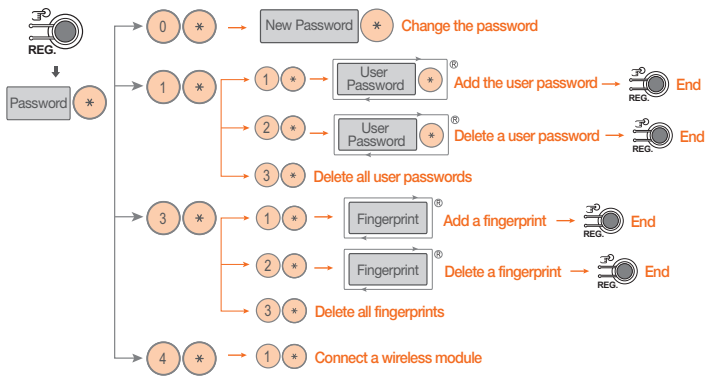
Note

- If you want to check the door status in the house, briefly touch the In-Home Security button. If the door is locked, the red LED blinks. If not, the green LED blinks.

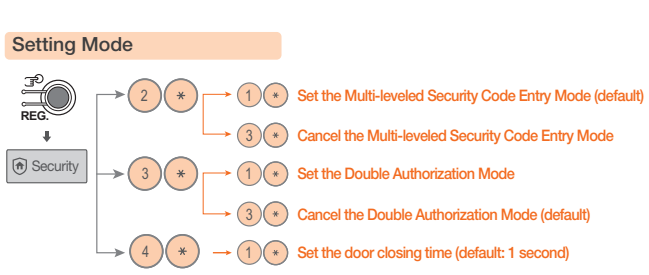
Menu

※ All registration and setting are activated only when the door is opened.

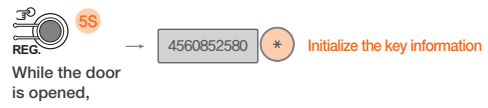
Registration Mode



Setting Mode



Initialization Mode

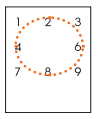


While the door is opened,

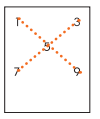
Number Pad Guide

The number pad of the door lock shows diverse settings.

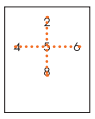
Successful registration and setting (O)



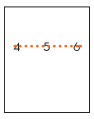
Failed registration and setting (X)



Additional registration (+)



Individual deletion (-)



Registration Mode

A user can change a password, or register and delete a fingerprint or delete all fingerprints.
In addition, a wireless connection can be registered as an option.
In the Registration mode, select a function.
(For the details of each function, refer to page 7–11.)

1. [Register] Button

"Ding dong"

Open the battery cover and short-press the [Register] button.

2. Existing Password

"Ding dong deng"

Touch the existing password and the [*] button.

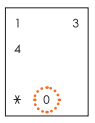
Changing Password

A user can register a password (4–12 digits).
Only one password can be registered.
The default password is "1234."

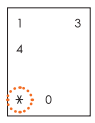
1. Enter Registration Mode

Select the Registration mode. (Refer to the Registration mode.)

2. Select Password Change



"Beep"



"Ding dong"

Touch the [0] button.

Touch the [*] button.

3. Touch New Password

"Ding dong deng"

Touch a new password and the [*] button.

Warning

- To prevent intrusions, it is recommended to make a password with 6 or more digits. (Each digit number ranges from 0 to 9.)
- Manage your password with care to prevent unauthorized persons from gaining access.
- A registered password cannot be deleted. Register a new password.
- To make sure the password has been properly registered, check the new password and close the door.
- Touch the [Register] button, [new password], and the [*] button, consecutively, and check if the Registration mode is accessed.

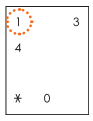
Adding / Deleting User Password / Deleting All User Passwords

A user can register a user password (4 to 12 digits).
Up to 100 user passwords can be registered. A user password registered can be deleted, or all user passwords can be deleted.

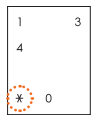
1. Enter Registration Mode

Select the Registration mode. (Refer to the Registration mode on page 7.)

2. Select User Password Management



"Beep"



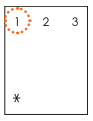
"Ding dong"

Touch the [1] button.

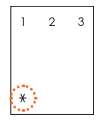
Touch the [*] button.

[Add a user password]

3. Select Additional Registration



"Beep"



"Ding dong"

Touch the [1] button.

Touch the [*] button.

4. Touch New User Password

"Ding dong deng"

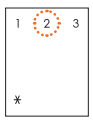
Touch a new user password and the [*] button.

5. Registration End

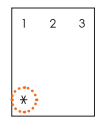
If you want to end this process, press the [Register] button shortly.

[Delete a user password]

3. Select Individual Deletion



"Beep"



"Ding dong"

Touch the [2] button.

Touch the [*] button.

4. Touch User Password to Delete

"Ding dong deng"

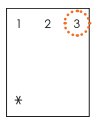
Touch the user password and the [*] button.

5. Registration End

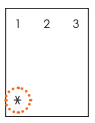
If you want to end this process, press the [Register] button shortly.

[Delete all user passwords]

3. Select All Deletion



"Beep"



"Ding dong deng"

Touch the [3] button.

Touch the [*] button.

Note

- Continuously, a user password can be registered or deleted.
  When a user enters a user password within 60 seconds after a new user password is registered or deleted, the registration or deletion continues to be performed.
- To make sure the password has been properly registered or deleted, check the password and close the door.

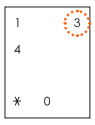
Adding / Deleting Fingerprint / Deleting All Fingerprints

A user can register up to 100 fingerprints.
A fingerprint registered can be deleted, or all fingerprints can be deleted.

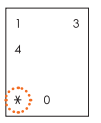
1. Enter Registration Mode

Select the Registration mode. (Refer to the Registration mode on page 7.)

2. Select Fingerprint Management



"Beep"



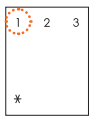
"Ding dong"

Touch the [3] button.

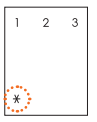
Touch the [*] button.

[Add a fingerprint]

3. Select Additional Registration



"Beep"

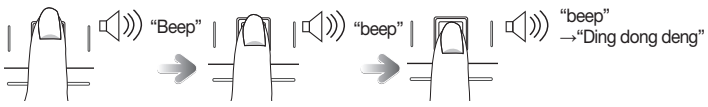


"Ding dong"

Touch the [1] button.

Touch the [*] button.

4. Contact Fingerprint to Add



Contact a fingerprint to add to the fingerprint recognition part. (In registering your fingerprint, change its position gradually until it is recognized.)
When "beep" sound is generated and the recognition count is displayed on the number pad, remove the finger from the recognition part and contact it again. (Total three recognitions)

5. Registration End

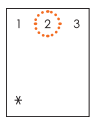
If you want to end this process, press the [Register] button shortly.

Note

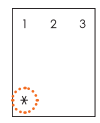
- When a fingerprint is registered, it is recommended to use your thumb or index finger.
- If a fingerprint image quality is not good, the fingerprint registration may be rejected.

[Delete a fingerprint]

3. Select Individual Deletion



"Beep"



"Ding dong"

Touch the [2] button.

Touch the [*] button.

4. Contact Fingerprint to Delete

"Ding dong deng"

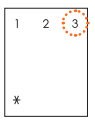
Contact the fingerprint to delete to the fingerprint recognition part.

5. Registration End

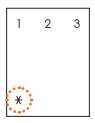
If you want to end this process, press the [Register] button shortly.

[Delete all fingerprints]

3. Select All Deletion



"Beep"



"Ding dong deng"

Touch the [3] button.

Touch the [*] button.

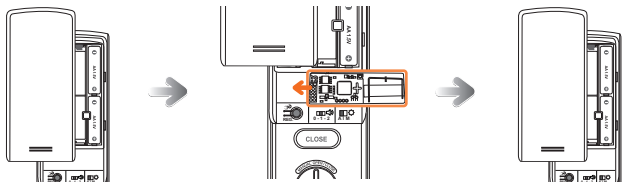
Note

- Continuously, a fingerprint can be registered or deleted.
  When a user contacts a fingerprint within 60 seconds after a new fingerprint is registered or deleted, the registration or deletion continues to be performed.
- To make sure the password has been properly registered or deleted, check the password and close the door.

Wireless Module Management (Optional)

You can purchase a wireless module sold by ZIGBANG and mount it into the wireless module mounting part. However, even though you purchase a proper ZIGBANG wireless module, it may not be used in a model that does not support the module. Thus, please, contact the customer center before purchasing a wireless module to inquire the wireless module type of your model.

1. Mount Wireless Module



Open the battery cover and remove the batteries.

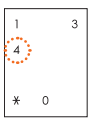
Mount a wireless module on the wireless module connection part.

Insert the batteries and close the battery cover.

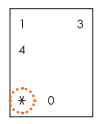
2. Enter Registration Mode

Select the Registration mode. (Refer to the Registration mode on page 7.)

3. Select Wireless Connection Setting



"Beep"



"Ding dong"

Touch the [4] button.

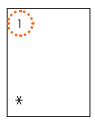
Touch the [*] button.

[Wireless module connection/disconnection]

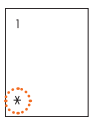
4. Enter Connection/Disconnection Mode from Controller

The Connection/Disconnection mode is activated from the controller. (Refer to the user manual of the controller.)

5. Select Wireless Module Management



"Beep"



"Ding dong"

Touch the [1] button.

Touch the [*] button.

6. Wireless Module Connection

"Ding dong deng"

The wireless module is connected.

Warning

- A wireless module not sold by ZIGBANG cannot be arbitrarily connected and used.
- When a wireless module is linked, up to 20 user passwords can be registered.

Initialization

All registered data are deleted.

1. Press and Hold the [Register] Button

"Ding dong"

While the door is opened, press the [Register] button for 5 seconds.

[Initialize the key information]

The password and the fingerprint information can be initialized.

2. Enter Initialization Number of Key Information

"Ding dong deng"

When the number pad is lighted, enter "4560852580" and touch the [*] button.

Setting Mode

You can set various functions of the door lock.
In the Setting mode, select a function.
(For the details of each function, refer to page 13~14.)

1. [Register] Button

"Ding dong"

Open the battery cover and press the [Register] button shortly.

2. [Security] Button

"Ding dong deng"

Touch the [ ] button.

Multi-Leveled Security Code Entry Mode

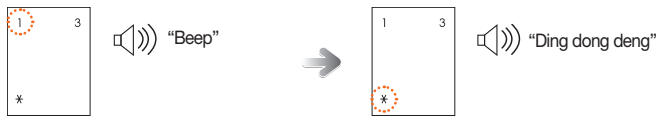
By pressing a password in order after two arbitrary numbers are authorized, a user can prevent password leak.
By default, the multi-leveled security code entry mode is set.

1. Enter Setting Mode — Select the Setting mode. (Refer to the Setting mode on page 12.)

2. Select Multi-Leveled Security Code Entry Mode

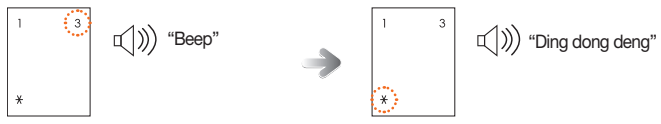
Touch the [2] button. Touch the [*] button.

3.1 Select Multi-Leveled Security Code Entry Mode Setting



Touch the [1] button. Touch the [*] button.

3.2 Cancel Multi-Leveled Security Code Entry Mode (Common Mode)



Touch the [3] button. Touch the [*] button.

Double Authorization Mode

Double authorization mode requires both password and fingerprint to open the door, ensuring more security.
To set the double authorization mode, one or more fingerprints need to be registered.
When purchased, the door lock is not set to double authorization mode initially.

1. Enter Setting Mode — Select the Setting mode. (Refer to the Setting mode on page 12.)

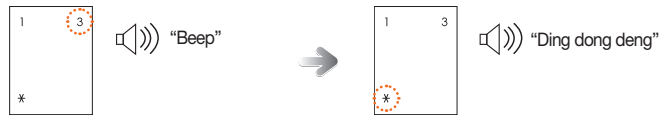
2. Select Double Authorization Mode

Touch the [3] button. Touch the [*] button.

3.1 Select Double Authorization Setting

Touch the [1] button. Touch the [*] button.

3.2 Cancel Double Authorization



Touch the [3] button. Touch the [*] button.

Door Lock Time Setup Function

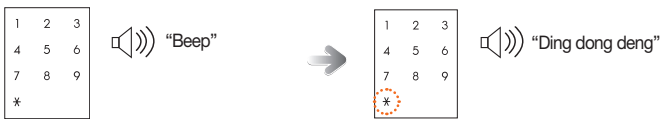
This function sets the time interval between the moment the door open/close sensor recognizes the door as closed and the moment the deadbolt locks the door. In an environment that the door closes slowly and the deadbolt jams before the door is fully closed, the situation can be fixed by adjusting the door lock time.
By default, the door lock time is set to 1 second.

1. Enter Setting Mode — Select the Setting mode. (Refer to the Setting mode on page 12.)

2. Select Door Lock Time Setting Mode

Touch the [4] button. Touch the [*] button.

3. Set Time (Second)



Touch the [1]~[9] buttons. Touch the [*] button.

Automatic/Manual Locking Setting

The Automatic Locking mode activates the automatic locking function of the door when it is closed.

Open the battery cover of the inner body.
Set the [Automatic/Manual Locking] toggle switch of the inner body to A (automatic) or M (manual) position.

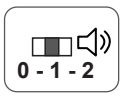
Automatic The door is automatically locked 1 second after the door is closed. If the batteries are completely discharged, the door may not be locked.

Manual The door does not automatically lock when it is closed. It is locked when you press [In-Home Security] of the inner body or touch the [number pad] of the outer body.

Note
- Regardless of the automatic/manual locking setting, the door is automatically locked 7 seconds after the door is not opened after the door locking is not opened.

Volume Setting

The sound that is generated when the number buttons are touched, when the door is locked, or when the locked door is unlocked, can be set according to the user's preference. The product is initially set to generate the operation sound of the door lock. (Level 1)



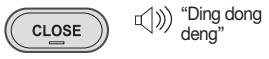
Open the battery cover of the inner body.
Set the [Volume] switch to [0]~[2].

- [0]: The sounds of door opening/closing and key touching are deactivated (except an alarm sound).
- [1]~[2]: All sounds are activated, and the sounds get louder as the step becomes higher.

Security Assurance Mode Activation/Deactivation

This mode is to prevent opening the door from outside while someone is inside.

Security Assurance Mode Activation

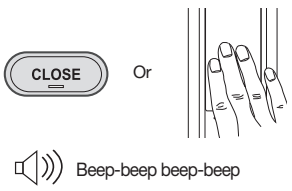


While the door is locked, press the [In-Home Security] button for 3 seconds.

Security Assurance Mode Deactivation

Pull the handle of the inner body down, or turn the manual locking switch left or right to cancel the Security Assurance Mode Setting.

Security Assurance Mode Operation



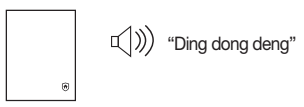
Inside: Touching the [In-Home Security] button generates the sound for action-unavailable.
Outside: Touching the [number pad] or recognizing the fingerprint generates the sound for action-unavailable.

Warning
- When the security assurance function is activated, the door cannot be unlocked from the outside, so please be careful.
  Be especially careful not to allow children to set this mode accidentally from the inside.

Away Mode Activation/Deactivation

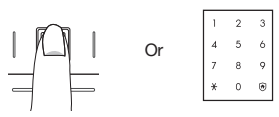
To prevent intrusion when a user goes out, this function generates an alarm sound when an attempt is made to forcefully open the door from the inside.
In the Away mode, if someone tries to open the door from the inside, the emergency alert lamp on the outside blinks and "beep-beep-beep" sound is generated for 5 minutes.

Away Mode Activation



Once the door is locked, the [ ] button of the number pad is lighted.
Touch the [ ] button within 3 seconds to activate the Away mode.

Away Mode Deactivation/Alarm Sound Deactivation



Touch the number pad and recognize the registered fingerprint or touch the password. Touch the [*] button.

Alarm Sound Deactivation

Open the battery cover on the inner body and press the [Register] button, or open the battery cover and separate the batteries.
Authenticate a registered fingerprint or touch the password, and touch the [*] button.

Intrusion Detection Function

This function generates an alarm sound when an attempt is made to forcefully open the door from the inside or the outside. (It is a basic function and cannot be set/deactivated by the user.)
If the door is forcefully opened while locked, the door opening sensor detects it and generates an alarm sound for 5 minutes.

Prank Prevention Function

This function generates an alarm sound and deactivates lock operation when the door lock is improperly handled from the outside.
If a fingerprint that is not registered is used or a wrong password is touched five times in a row to open the door, an alarm sound is generated, and the door lock is deactivated for 3 minutes.

High Temperature Alarm Function

If the room temperature abnormally increases, the temperature sensor detects it and an alarm is generated. (It is a basic function and cannot be set/deactivated by the user.)
This high temperature alarm function is activated at about 60℃ ± 10℃, but the temperature may vary depending on the installation environments.

When a high temperature occurs, the temperature sensor detects it.
The LED of the [In-Home Security] button on the inner body flashes while the alarm sound is generated for 15 seconds. After the alarm sound stops, the door is automatically opened.
(If the room temperature decreases to below a certain temperature, the door lock is normally operated.)

Battery Replacement

Melody for Replacing Batteries is Generated

When the door is opened by touching a password or recognizing a fingerprint, if the battery replacement alarm melody is heard, the batteries should be replaced.

(If the battery replacement alarm melody sounds, the battery replacement LED is lighted on the number pad.)

Battery Replacement

When the battery replacement alarm melody is heard, immediately replace all batteries with new ones.

- The unit will stop operating suddenly if the batteries are not replaced.

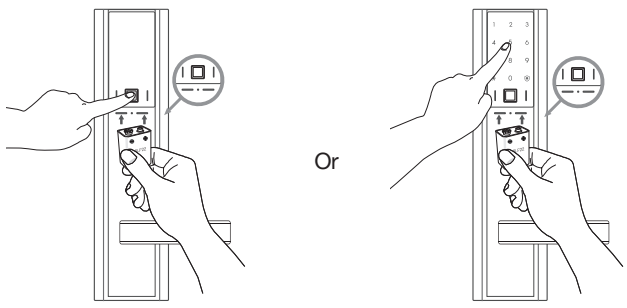
Warning
- Depending on the battery manufacturer, date of manufacture, and user environment, the duration of use may vary. (In case of average use, given as 10 times a day, 4 AA Alkaline 1.5 V batteries can last for 12 months).
- Liquid leaks from batteries can damage the product. Check the battery condition 6 months after battery replacement.
- Before the batteries are replaced after the battery replacement melody sounds, a menu function such as activating the registration/setting mode cannot be used.

Emergency Battery Use

If batteries are not replaced after their replacement time comes, they will be completely discharged and the lock will not operate.

Open Door Using Emergency Battery

Purchase an emergency battery (9 V) at the nearest store.
- For an emergency battery, use 6LF22 (9 V) Alkaline batteries.



While connecting a 9-V battery to the external power (emergency battery) contact point on the outer body, place a recognized fingerprint or enter a password.

Emergency Key Use

An emergency battery key is used when the door lock does not work because the battery replacement time comes or a circuit is wrong.
The emergency keyhole is viewable from the emergency key insertion part at the lower part of the outer body. Inserting an emergency key and turning it left and right can clear the locked state.

Warning
- If you lose an emergency key, it is recommended to replace the entire key cylinder body. (Replacing the entire key cylinder body is paid.)

Product Specifications

Item	Specifications	
Voltage	Four AA Alkaline 1.5 V batteries (LR6) (DC 6 V)	
Emergency Power Source	One 9 V battery (6LF22) (separately sold)	
Operation Method	Electronic control method (password, fingerprint\)	
Weight	2.7 kg (including both inner and outer bodies)	
Product Dimensions (including the handle)	Outer Body	81.9 mm (W) X 320 mm (H) X 66.8 mm (D)
	Inner Body	79 mm (W) X 290 mm (H) X 80.3 mm (D)