

SHP-DR708

User Manual

Samsung SDS Digital Door Lock

Smart Opening (p.5, 18)

When a user accesses a door lock in a house, the access is detected in a smart way for convenient opening.

WiFi Function (p.12, 19)

App based user service using the WiFi function

Silent Mode (p.4)

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

Double Authorization Function (p.15)

Double authorization of a password and a fingerprint is applied to strengthen its security.

Welcome Function (p.13, 14)

When a user gets close to the door lock, the authorization standby mode will automatically activate.

Security Assurance Function (p.21)

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

Away Function (p.21)

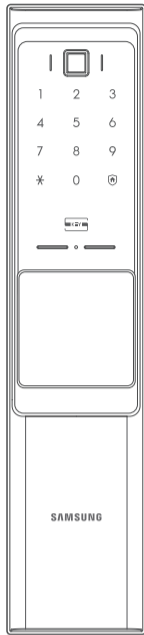
When a user is outside the house, if the inside of the door lock is used, an alarm is generated.

High Temperature Alarm (p.22)

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

Voice Guide (p.17)

Guides each action by voice.



smarhome.samsungsds.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.

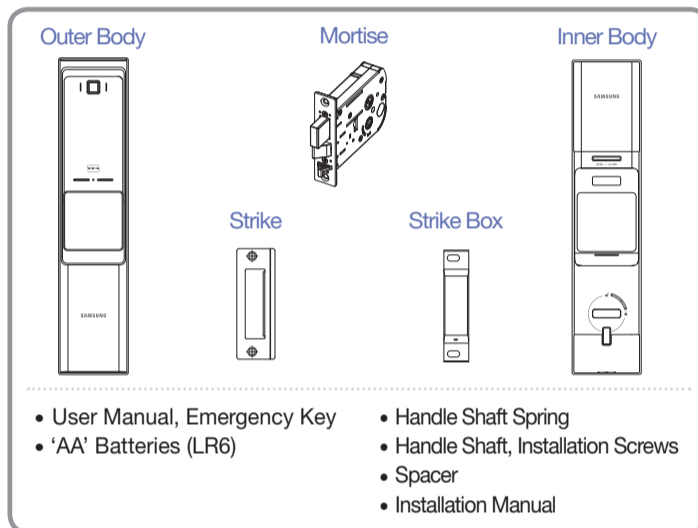
- The user shall not install or repair the product without authorization.
- Do not install the product in the place where the gap between the door and the frame is 5 mm or more.
- Long-term exposure to direct sunlight may cause a crack on its touch pad. Avoid exposure to direct sunlight.
- Do not use the 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 the access to the password. Change it regularly.
- Be sure to correctly match the poles (+/-) when installing the batteries. Wrong insertion direction or poles of batteries may cause the liquid coming from them or the burst of them.
- When the battery replacement alarm melody is generated, use all new batteries instead of the existing batteries.
- According to the wireless communication environment, its battery may consume much.
- 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.
- Much dew condensation may affect the performance of this product.
- Keep 20 cm or longer away from this product when using it.

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

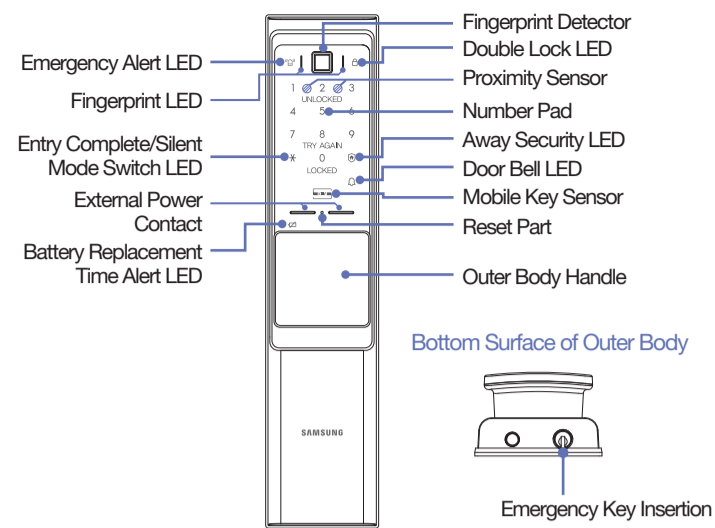
※ Customer's improper installation may result in an additional service costs. We highly recommend professional installation.

Product Components

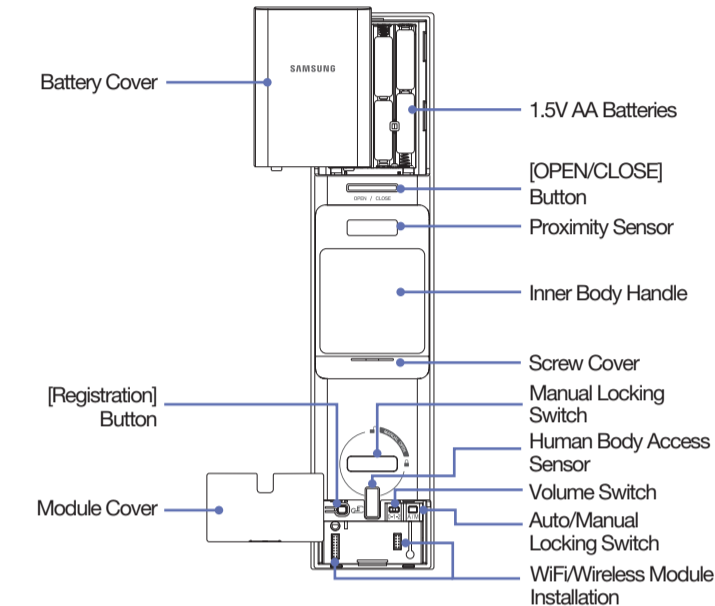
The product components may vary depending on the installation environment.



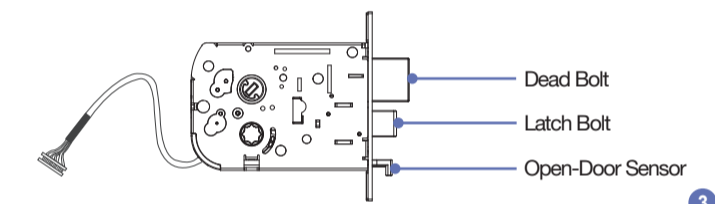
Outer Body Parts



Inner Body Parts



Mortise



Opening the Door from Outside (Master/User Password)

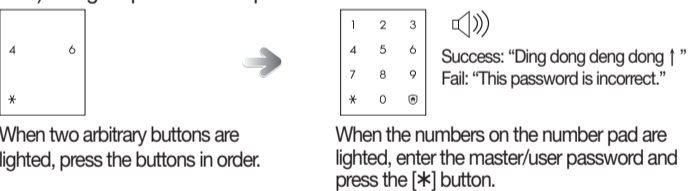
When purchased, the product is set to Multi-leveled Security Code Entry Mode initially. Please, refer to 'Multi-leveled Security Code Entry Mode setting' for Common Mode setting.

※ Silent Mode

Before entering the master/user password, press the [*] button and enter the master/user 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.

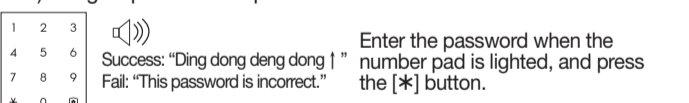
1. Multi-leveled Security Code Entry Mode

Accessing the door lock or touching the number pad (in the Welcome Function mode) will light up the number pad.



2. Common Mode

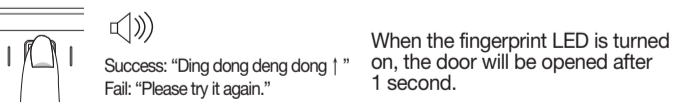
Accessing the door lock or touching the number pad (in the Welcome Function mode) will light up the number pad.



- Master/User 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 [0] button and re-enter the password.
- If the master/user password is wrong 5 times, the "The entry is wrong five times. You can enter nothing for 3 minutes." warning alarm will sound, and the system will shut-down for about 3 minutes. When malfunction happens, "beep" will sound every 10 seconds, and the stop mode will be turned off automatically after 3 minutes with the sound of "The entry block mode will be deactivated."

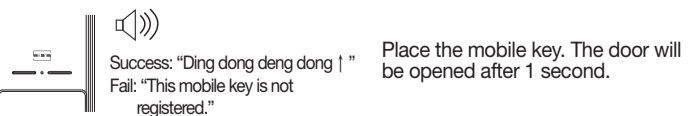
Opening the Door from Outside (Fingerprint)

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



Opening the Door from Outside (Mobile Key)

A locked door can be opened from outside by using a mobile key. Place the mobile key issued through WiFi on the mobile key sensor.

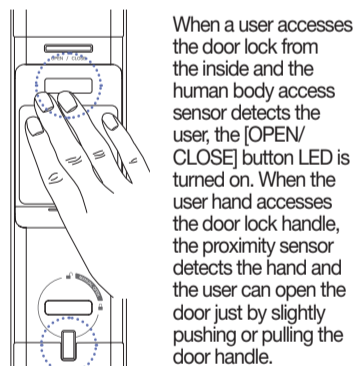


- When the Welcome function is deactivated, touch the number pad to open the door.
- A mobile key can be used after a user subscribes to the service through WiFi. For details, refer to the App guide.
- Opening the door with Mobile Key is available only for NFC enabled Android terminals and NFC USIM chip users.

Opening the Door from the Inside

You can open the door indoors by using your preferred way. 'Door opening by smart detection,' a way of automatically opening the door, can be turned off in the start detection setting function.

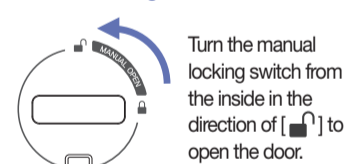
[Automatic Door Opening] Smart Detection



[Manual Door Opening] [OPEN/CLOSE] Button



Manual Locking Switch



- If you are away from the human body access sensor and the proximity sensor, the door may not be opened. In this case, press the [OPEN/CLOSE] button to manually open the door.
- It is not recommended to use the smart detection function because the sensor continues to detect a thing if the object accesses the inner body ([OPEN/CLOSE] LED is ON) left/right.

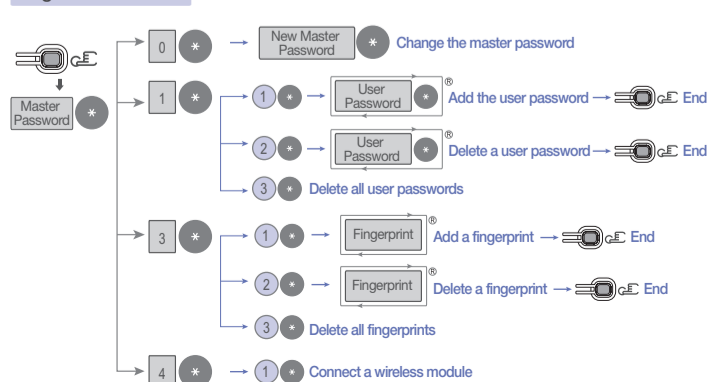
Closing the Door from the Inside

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

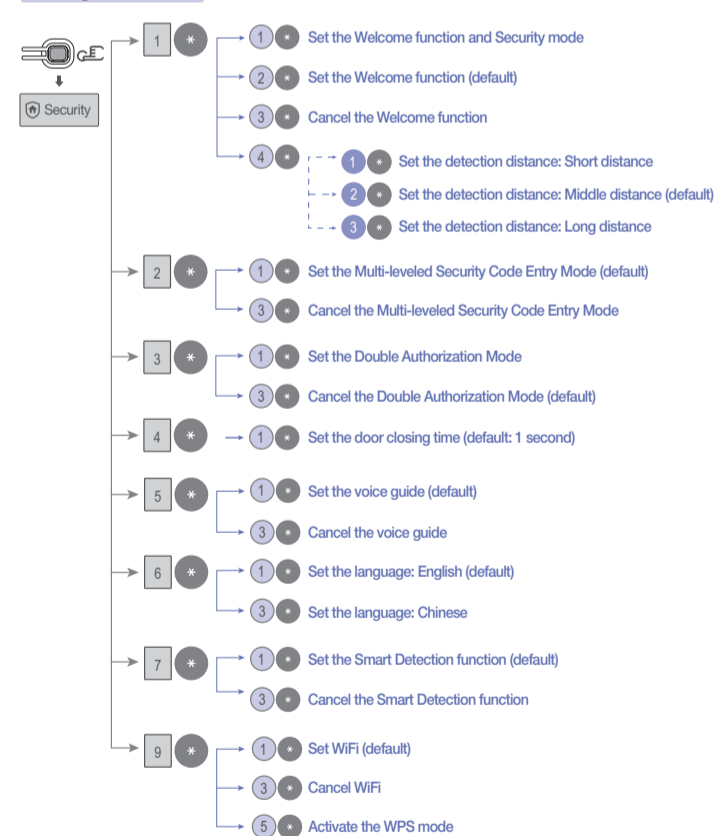
Manual Locking Setting The door is locked when the [OPEN/CLOSE] button from the inside is pressed.

Menu

Registration Mode



Setting Mode



Initialization Mode



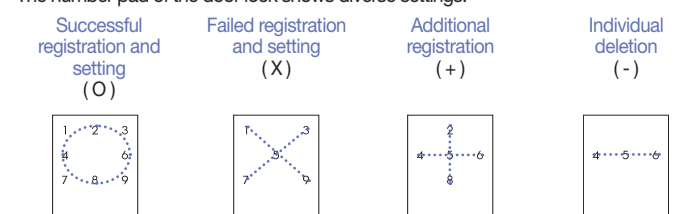
WiFi Registration Mode

Register a WiFi

While the door is closed,

Number pad Guide

The number pad of the door lock shows diverse settings.



※ All registration and setting are activated only when the door is opened.
(WiFi connection is activated only when the door is closed.)

Registration Mode

A user can change a master password, or register and delete a user password or fingerprint or delete all user passwords or 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 7-12.)

※ In the Registration mode, be careful that the door is not locked even though it is closed during the registration time (60 seconds). To cancel the Registration mode, press the Register button on the lower section of the inner body.

1. [Register] Button

“Ding dong” →
“Press the password and the asterisk sign to manage an authentication tool. Press the Security button for the environment setting. Press the Register button to end this process.”

Open the module cover on the lower section of the inner body and press the [Register] button shortly.

2. Existing Master Password

“Ding dong deng” →
“Press “0” and the asterisk sign to change a password. Press “1” and the asterisk sign to manage a user password. Press “3” and the asterisk sign to set up a wireless connection.”

Press the existing master password and the [*] button.

Change the master password

A user can register a master password (4 to 12 digits), and only one master password can be registered. The default master password is “1234.”

1. Enter Registration Mode

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

2. Select Master Password Change

“Password Change mode”

“Ding dong” →
“Press a new password and the asterisk sign.”

Press the [0] button.
- To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

3. Press New Master Password

“Ding dong deng” →
Success: “It was changed.”
Fail: “Wrong information was entered.”

Press a new master password and the [*] button.

- Warning**
- To prevent an intrusion, it is recommended to make a password with 6 or more digits. (Each digit number ranges from 0 to 9.)
 - Manage your master password with care so that unauthorized people will not have access to it. Regularly changing your password can reduce the risk of it being leaked.
 - A registered master password cannot be deleted. Register a new master password.
 - To make sure the password has been properly registered, check the new password and close the door.

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Adding/Deleting User Password/Deleting All User Passwords

A user can register a user password (4 to 12 digits).
Up to 100 mobile keys 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

“User Password Management mode”

Press the [1] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“Press “1” and the asterisk sign for additional registrations. Press “2” and the asterisk sign for individual deletions. Press “3” and the asterisk sign for all deletions.”

[Add a user password]

3. Select Additional Registration

“Additional Registration mode”

Press the [1] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“Press a user password and the asterisk sign.”

4. Press New User Password

“Ding dong deng” →
Success: “It is registered. If you need to register it more, press a new user password and the asterisk sign.”
Fail: “Wrong information was entered.” or “It already exists.”

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

5. Registration End

If you want to end this process, press the [Register] button on the lower section of the inner body shortly.

[Delete a user password]

3. Select Individual Deletion

“Individual Deletion mode”

Press the [2] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“Press the user password and the asterisk sign.”

4. Press User Password to Delete

“Ding dong deng” →
Success: “It is deleted. If you need to delete more, press the user password and the asterisk sign.”
Fail: “This password is not registered.”

Press the user password registered and the [*] button.

5. Registration End

If you want to end this process, press the [Register] button on the lower section of the inner body shortly.

[Delete all user passwords]

3. Select All Deletion

“All deletion mode”

Press the [3] button.

- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“All deleted.”

Press 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

“Fingerprint Management mode”

Press the [3] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“Press “1” and the asterisk sign for additional registrations. Press “2” and the asterisk sign for individual deletions. Press “3” and the asterisk sign for all deletions.”

Press the [*] button.

[Add a fingerprint]

3. Select Additional Registration

“Additional Registration mode”

Press the [1] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“Input a new fingerprint to the fingerprint recognition part.”

Press the [*] button.

4. Contact Fingerprint to Add

“beep” →
“Ding dong deng” →
Success: “It is registered. If you need to register it more, input your fingerprint three times to the fingerprint recognition part.”
Fail: “It already exists.”

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 on the lower section of the inner body shortly.

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- Note
- In registering your fingerprint, it is recommended to register your thumb or index finger.
 - If the quality of the fingerprint image is bad, fingerprint registration may be refused.

[Delete a fingerprint]

3. Select Individual Deletion

“Individual Deletion mode”

Press the [2] button.
- To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

“Ding dong” →
“Input the fingerprint to the fingerprint recognition part.”

4. Contact Fingerprint to Delete

“Ding dong deng” →
Success: “It is deleted. If you need to delete more, input the fingerprint to the fingerprint recognition part.”
Fail: “This fingerprint is not registered yet.”

Contact the fingerprint to delete to the fingerprint recognition part.

5. Registration End

If you want to end this process, press the [Register] button on the lower section of the inner body shortly.

[Delete all fingerprints]

3. Select All Deletion

“All deletion mode”

Press the [3] button.
- To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

“Ding dong” →
“All deleted.”

- 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.

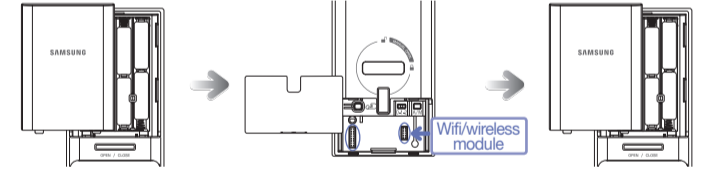
10

Managing Wireless Module

You can purchase a wireless module sold by Samsung and mount it into the wireless module mounting part. However, even though you purchase a proper Samsung 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.

A WiFi/wireless module is mounted by default. If a WiFi/wireless module is re-mounted, refer to the mounting method.

1. Mount WiFi/Wireless Module



Open the battery cover and remove the batteries.

Open the module cover and mount a WiFi/wireless module into the WiFi/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

“Wireless module management mode”

Press the [4] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“Press “1” and the asterisk sign to manage a wireless module.”

Press 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

“Wireless Module Management mode”

Press the [1] button.
- To hear the announcement again, press a number button before pressing the [*] button.

“Ding dong” →
“A wireless module is being set up.”

Press the [*] button.

6. Wireless Module Connection

“Ding dong deng” →
Success: “It was normally processed.”
Fail: “Failed.”

The wireless module is connected.

- Warning**
- A wireless module not sold by Samsung cannot be arbitrarily connected and used.
 - For the wireless module, it may be impossible to purchase depending on the situation by country.

Register a WiFi

When connecting a WiFi, a user can use App based various user services through WiFi.

WiFi connection is activated only when the door is closed.
(WiFi band: 2.4 GHz)

App Installation and Use

Install the ‘Samsung Smart Doorlock’ app from Google Play/App Store.
(Chinese users can install the Android app from Baidu, Tencent, or Qihoo360.)
After becoming a member, a WiFi can be connected.

- For the information on the registration and the use method, refer to the guide provided from the app.

Note

- A WiFi/wireless module is mounted by default. If a WiFi/wireless module is mounted again, refer to the installation method on page 11.

Initialization

All registered data are deleted.

1. Press and Hold [Register] Button

“Ding dong” →
“Press the password and the asterisk sign for interworking initialization. Press “4560852580” and the asterisk sign for the initialization of the key information.”

While the door is opened, Open the module cover on the lower section of the inner body and press the [Register] button for 5 seconds.

[Initialize the linked information]

- WiFi linkage: Initialize the mobile key and WiFi registration information.
- The master/user passwords and the fingerprint information are maintained.

2. Enter Master Password

“Ding dong deng” →
Success: “The reset has been completed.”
Fail: “Wrong information was entered.”

When the number pad is lighted, enter the master password and press the [*] button.

[Initialize the key information]

- The master/user passwords and the fingerprint information can be initialized.
- WiFi linkage: The mobile key is initialized and the WiFi registration information is maintained.

2. Enter Initialization Number of Key Information.

“Ding dong deng” →
Success: “The reset has been completed.”
Fail: “Wrong information was entered.”

When the number pad is lighted, enter “4560852580” and press the [*] button.

11

12

Setting Mode

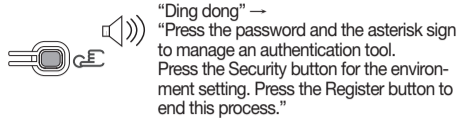
You can set various functions of the door lock.

In the Setting mode, select a function.

(For the details of each function, refer to page 13-19.)

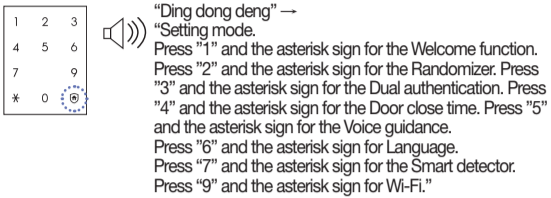
※ In the Setting mode, be careful that the door is not locked even though it is closed during the setting time (60 seconds). To cancel the Setting mode, press the Register button on the lower section of the inner body.

1. [Register] Button



Open the module cover on the lower section of the inner body, and press the [Register] button shortly.

1. [Security] Button



Press the [Security] button.

Welcome Function

When a user accesses a door lock, the door lock gets automatically in the authentication standby status even though the user does not touch the number pad or the fingerprint authentication part.

By default, the Welcome function is set, and the Security mode is deactivated. In addition, the detection distance is set to Middle distance.

1. Enter Setting Mode

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

2. Select Welcome Function Setting Mode



'Ding dong' -> 'Press "1" and the asterisk sign to activate the welcome function and the security mode. Press "2" and the asterisk sign to activate the welcome function. Press "3" and the asterisk sign to deactivate the welcome function. Press "4" and the asterisk sign to set the identification range.'

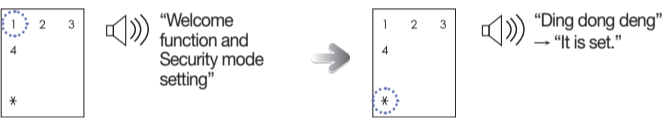
Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

[Set the welcome function and the security mode]

- Welcome function setting: When a user gets close to the door lock, the authorization standby mode will automatically activate.
- Security mode setting: When someone is in front of the door lock for a minute or longer, an alarm sound is generated.

3. Set the welcome function and the security mode



Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

[Set the welcome function and cancel the security mode]

3. Select Welcome Function Setting and Security Mode Cancellation

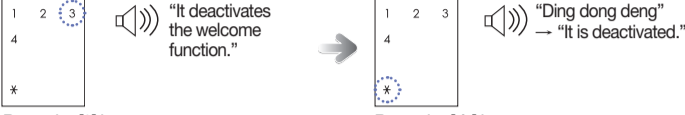


Press the [2] button. - To hear the announcement again, press a number button before pressing the [*] button.

[Cancel the Welcome function]

- Welcome function cancellation: Even though a user accesses a door lock, the door lock does not get automatically in the authentication standby status. Touch the number pad or contact your fingerprint the fingerprint authentication part to use the door lock.

3. Select Welcome Function Cancellation

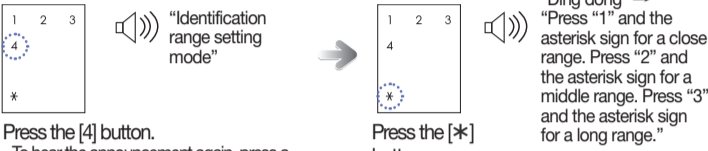


Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

[Set the detection distance]

A user can set the distance that can detect a user who accesses the door. (Short distance: About 40 cm, middle distance: About 60 cm, long distance: About 80 cm)

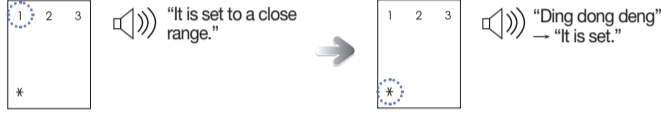
3. Select Detection Distance Setting



Press the [4] button. - To hear the announcement again, press a number button before pressing the [*] button.

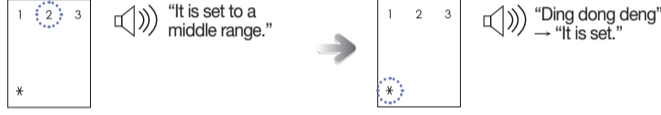
4. Set Detection Distance

- Select the short distance setting



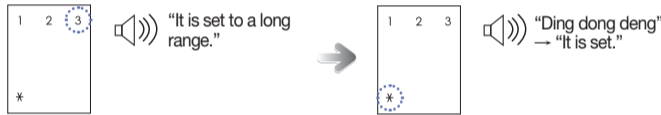
Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

- Select the middle distance setting



Press the [2] button. - To hear the announcement again, press a number button before pressing the [*] button.

- Select the long distance setting



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

Note: The detection distance may change if the door lock is directly exposed to the sunlight or lighting. It is recommended to limitedly use the security mode setting because an alarm sound may be generated in case of row houses (or apartments) where lighting is always turned on or apartment houses of corridor access directly exposed to the sunlight.

Multi-Leveled Security Code Entry Mode

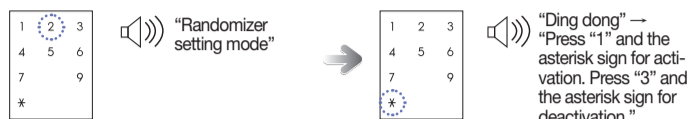
By pressing a password in order after two arbitrary numbers are authorized, a user can prevent password leak.

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 13.)

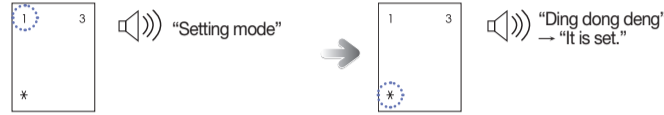
2. Select Multi-Leveled Security Code Entry Mode Setting



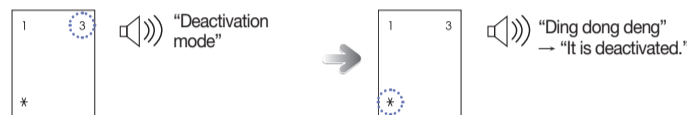
Press the [2] button. - To hear the announcement again, press a number button before pressing the [*] button.

3. Select Activation/Deactivation

- Select the setting



Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button. - Select the cancellation (common mode)



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

Double Authorization Mode

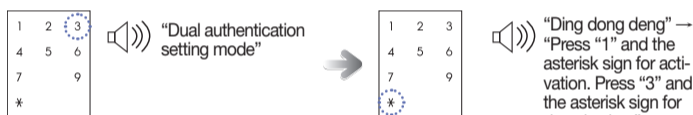
Double authorization mode requires both password and fingerprint to open the door, ensuring more security.

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 13.)

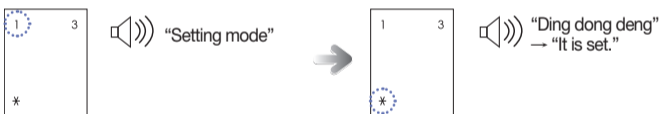
2. Select Double Authorization Mode



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

3. Select Activation/Deactivation

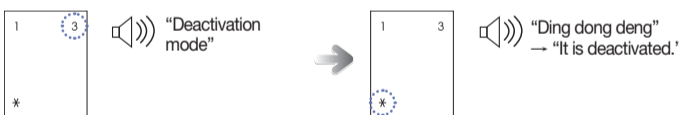
- Select the setting



Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

- Select the cancellation (common mode)



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

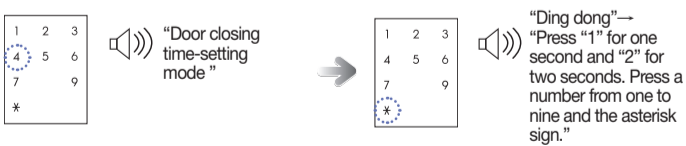
Door Lock Time Setup Function

This function sets the time interval between the moment the door open/close sensor recognizes the door as closed and the moment the deadbolt is 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 13.)

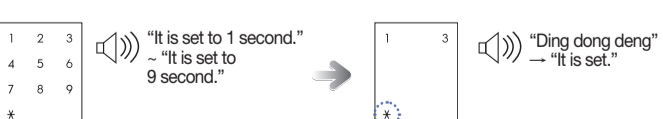
2. Select Door Lock Time Setting Mode



Press the [4] button. - To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

3. Set Time



Press [1] ~ [9] button. - To hear the announcement again, press a number button before pressing the [*] button.

Press the [*] button.

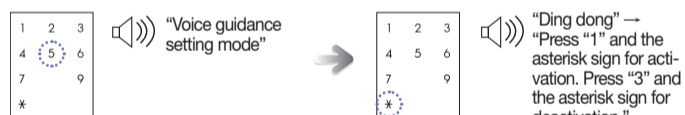
Voice Guide Setting

Door lock functions are informed by voice. By default, the voice guide is set.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 13.)

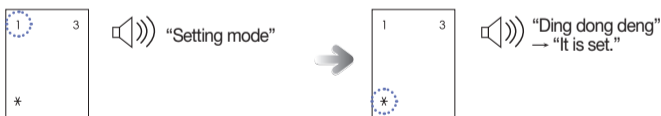
2. Select Voice Guide Setting



Press the [5] button. - To hear the announcement again, press a number button before pressing the [*] button.

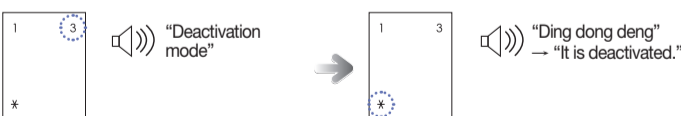
3. Select Activation/Deactivation

- Select the setting



Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

- Select the cancellation: Even though this voice guide is deactivated, if an abnormal/emergency situation occurs, an alarm sound is generated. The low voltage alarm, security assurance mode, and away security voice guide function are normally activated.



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

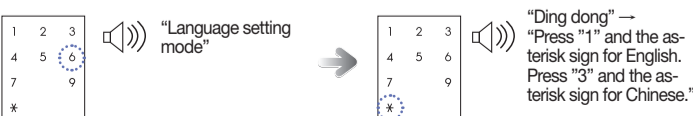
Voice Language Setting

A user can select English or Chinese for voice guide. By default, the voice language is set to English.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 13.)

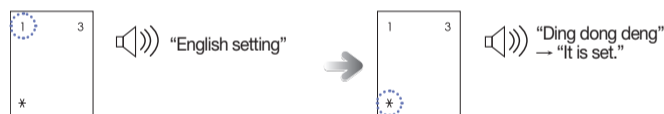
2. Select Language Setting



Press the [6] button. - To hear the announcement again, press a number button before pressing the [*] button.

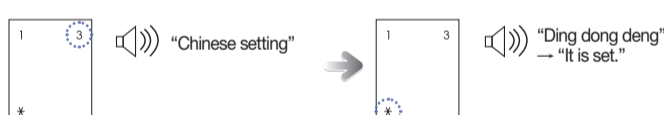
3. Select Language

- Select English



Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

- Select Chinese



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

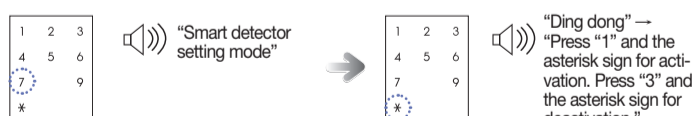
Smart Detection Function

When a user accesses a door lock in a house, the door lock detects the access and the door is automatically opened. By default, the smart detection function is set.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 13.)

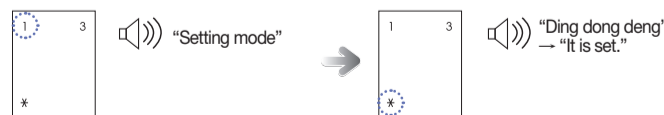
2. Select Smart Detection Setting Mode



Press the [7] button. - To hear the announcement again, press a number button before pressing the [*] button.

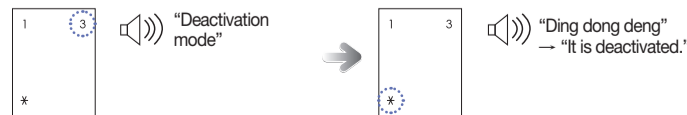
3. Select Activation/Deactivation

- Select the setting



Press the [1] button. - To hear the announcement again, press a number button before pressing the [*] button.

- Select the cancellation



Press the [3] button. - To hear the announcement again, press a number button before pressing the [*] button.

WiFi Use

By default, the WiFi Use is set.

1. Enter Setting Mode

Select the Setting mode.
(Refer to the Setting mode on page 13.)

2. Select WiFi Use Setting Mode

"Wi-Fi setting mode"

Press the [9] button.
- To hear the announcement again, press a number button before pressing the [*] button.

3. Select Activation/Deactivation

- Select the setting

"Setting mode"

Press the [*] button.

Press the [1] button.
- To hear the announcement again, press a number button before pressing the [*] button.
- Select the cancellation

"Deactivation mode"

Press the [3] button.
- To hear the announcement again, press a number button before pressing the [*] button.

- Note
- When WiFi Use is deactivated, a user cannot use App based various user services.
 - If you do not use the app, it is recommended to cancel the use of WiFi.

[WPS mode]

When an AP is changed while a WiFi is used after its registration, this WPS mode allows convenient setting from the connection to the security setting without complex process. This mode can be used only in case of an AP supporting the WPS. For the information on how to use the WPS of an AP refer to the AP user manual.

3. Select WPS of Changed AP

Select the WPS of a changed AP.

4. Select WPS

"WPS mode"

Press the [5] button.
- To hear the announcement again, press a number button before pressing the [*] button.

5. Connect to AP

"Ding dong deng" → Success: "Doorlock is normally registered. Please wait for a while." The AP is being connected.
Fail: "Failed to set WiFi. Please try it again from the beginning."

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- Note
- WPS: WiFi Protected Setup
 - If an AP does not support the WPS, take the WiFi registration procedure again to use the changed AP.
 - For the information on the WiFi registration, refer to the page 12.

Automatic/Manual Locking Setting

The Automatic Locking mode allows for automatic locking of the door when it is closed.



Open the module cover of the inner body. Set the [Automatic/Manual Locking] toggle switch of the inner body to AIM position.

Automatic

The door is automatically locked 1 second after the door is closed. If the battery low voltage voice message and an alarm sound are heard, replace the batteries. If the voltage of the door lock continues to be low, the door may not be locked.

Manual

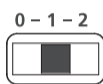
- How to lock: The door does not automatically lock, and the [OPEN/CLOSE] button must be pressed from the inside or touch [number pad] to close the door.
- How to open the door
 - From the inside: The detection by the proximity sensor after the detection by the human body access sensor opens the door.
 - From the outside: When you access the door lock, the door bell LED [] turns on. Press the door bell LED [] to open the door.

- 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 released.

Sound Setting

The sound that is generated when the number buttons are pressed, when the door is locked, or when the locked door is unlocked, can be set according to the user's preference.

When purchased, all sounds are set to be generated initially. (1 level)



Open the module cover of the inner body. Set the [Sound Control] switch to [0]-[2].

- [0]: The sounds of door opening/closing and key touching are not deactivated (except an alarm sound).
- [1]-[2]: All sounds are activated, and the sounds get bigger as the step becomes higher.

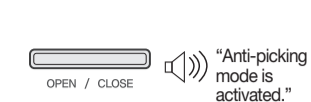
Door Bell Function

Accessing the door lock or touching the number pad (in the Welcome Function mode) when the door is closed will light up the number pad. Pressing the door bell LED in the number pad LED generates a bell sound to let a user inside know there is a guest.

Security Assurance Mode Activation/Deactivation

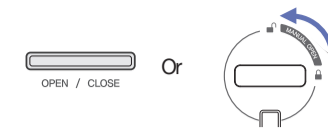
This mode is to prevent opening the door from outside while someone is inside.

Security Assurance Mode Activation



Press the [OPEN / CLOSE] button on the indoor side for 3 seconds to prevent the door from opening with the smart detection while the door is locked.

Security Assurance Mode Deactivation



Briefly press the [OPEN/CLOSE] button on the inner body to deactivate it, or set the manual locking switch to [] to open the door. Or, use the smart detection function and open the door to deactivate it.

Security Assurance Mode Operation



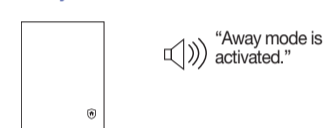
Inside: Opening the door through WiFi generates the sound for action-unavailable.
Outside: Touch the [number pad], recognize the fingerprint, or touch with a mobile key to open the door. Then, the sound for action-unavailable is generated.

- Note
- 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

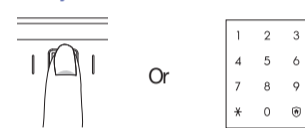
To prevent intrusion when a user goes out, this function generates an alarm sound when an attempt is made to forcefully open the door from the inside. In the Away mode, if someone tries to open the door from the inside, "beep-beep-" sound is generated for 5 minutes.

Away Mode Activation



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

Away Mode Deactivation



Press the master/user password, touch a registered mobile key, recognize a fingerprint, or use WiFi, and open the door to deactivate the Away mode.

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/mobile key not registered is used or wrong password is pressed five times in a row to open the door, an alarm sound is generated and the door lock is deactivated for 3 minutes.

Alarm Sound Deactivation

Open the module cover on the inner body and press the [Register] button, or open the battery cover and separate the batteries. Authenticate a registered fingerprint or mobile key or pressing the master/user password and press the [*] button.

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 70 °C±10 °C. Depending on the installation environment, the temperature may be different.

When a high temperature occurs, the temperature sensor detects it. The LED of the [OPEN/CLOSE] button on the inner body flashes while an 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 pressing a master/user password or recognizing a fingerprint, if the voice message, "Replace the batteries." 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 voice is heard, immediately replace all batteries with new ones.
- The unit will stop operating suddenly if the batteries are not replaced.

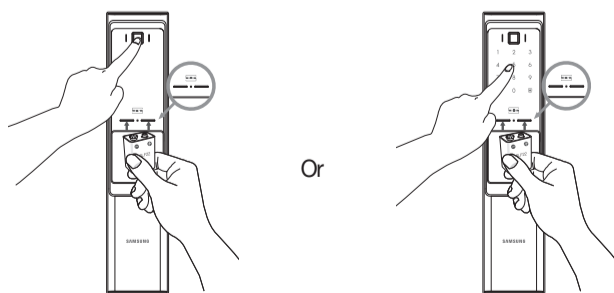
- Warning
- Depending on battery manufacturer, date of manufacture, and the user environment, the duration of use may vary. (In the case of average use, given as 10 times a day, 8 AA alkaline 1.5V batteries can last for 10 months.)
 - Liquid leaks from batteries can damage the product. Check the batteries regularly (about every 6 months).
 - 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 (9V) at the nearest store.
- For an emergency battery, use 6LF22 (9V) Alkaline batteries.



While connecting a 9V battery to the external power (emergency battery) contact point, recognize a fingerprint or press a master/user 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. There is the emergency key hole on the emergency key insertion part on the bottom of the outer body. Insert the emergency key and turn the key to release the lock.

- 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, NFC, WiFi)
Weight	3.475 kg (including both inner and outer bodies)
Product Dimensions (including the handle)	Outer Body 88mm (W) x 400mm (H) x 57.5mm (D)
	Inner Body 88mm (W) x 400mm (H) x 61.5mm (D)

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