

# SHP-DP609

## User Manual

### Samsung SDS Digital Door Lock

#### WiFi Function (p.13, 19)

App based user service using the WiFi function

#### Silent Mode (p.4)

When entering or exiting, the sounds from the keypad and doorlock will be muted.

#### Double Authorization Function (p.17)

Both a password and a fingerprint are required to unlock your door lock, to strengthen its security.

#### Welcome Function (p.15, 16)

When a user approaches 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 Security Function (p.22)

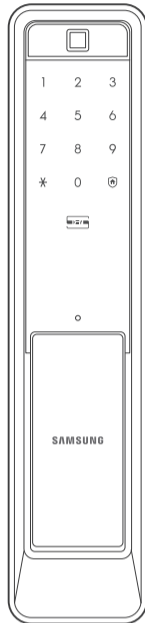
When a user is out of the house, if the inside of the door lock is used, an alarm is triggered.

#### High Temperature Alarm (p.23)

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

#### Voice Guide (p.19)

Guides each action by voice.



smarhome.samsungsds.com

## Safety Precautions



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.

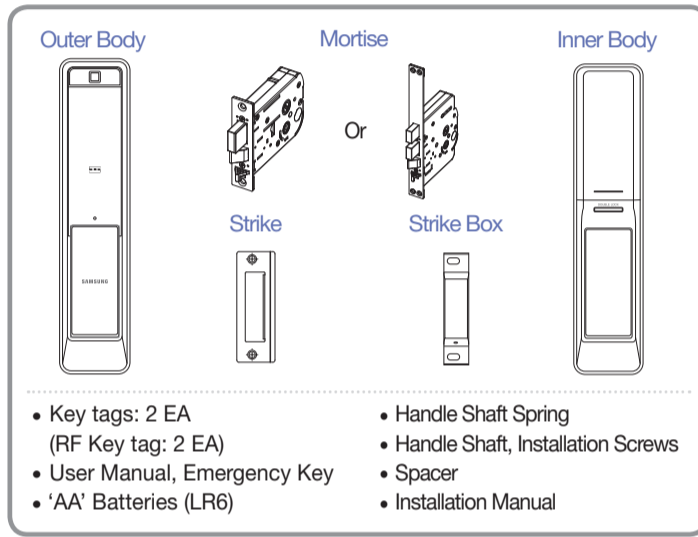
- The installation and repair should be done by the professional installer or service person.
  - Do not install the product in the place where the gap between the door and the frame is 5 mm or more.
  - Long-term exposure to direct sunlight may cause a crack on its touch pad. Avoid exposure to direct 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 battery polarities (+/-) when installing the batteries. Wrong direction of battery polarities may cause the battery liquid leakage 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.
  - Too 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 is subject to change without any notices to improve the performance of this product.

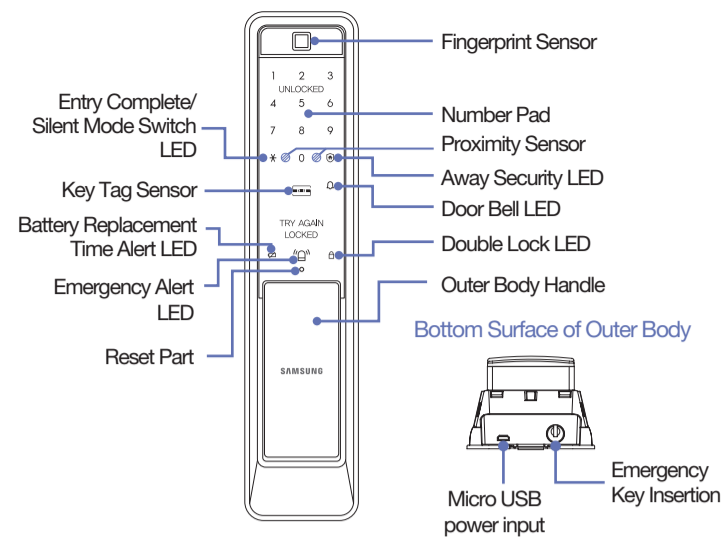
※ Customer's improper installation may result in an additional service costs. We highly recommend professional installation.

## Product Components

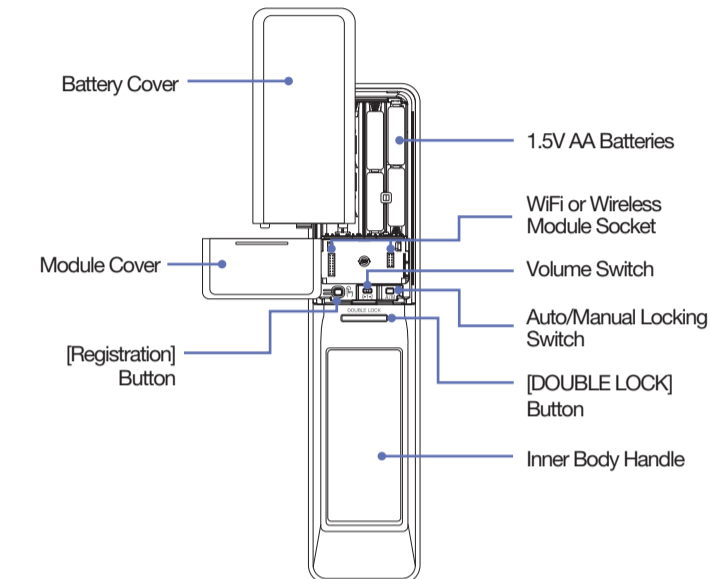
The product components may vary depending on the installation environment.



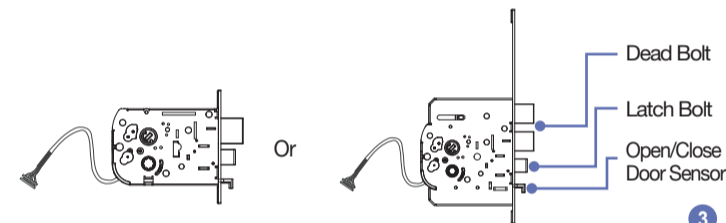
## Outer Body Parts



## Inner Body Parts



## Mortise



## Opening the Door from Outside (Master/User Password)

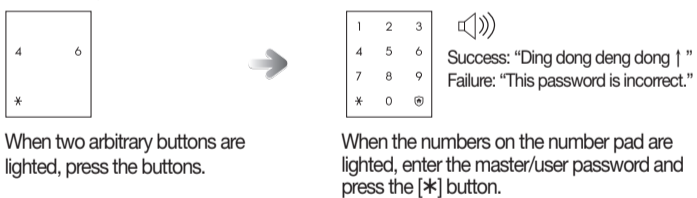
When purchased, the product is set to Multi-leveled Security Code Entry Mode initially. Please, refer to 'Multi-leveled Security Code Entry Mode setting' for Common Mode setting.

### ※ 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 muted. 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.

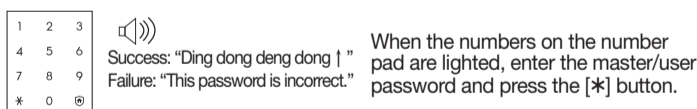


When two arbitrary buttons are lighted, press the buttons.

When the numbers on the number pad are lighted, enter the master/user password and press the [\*] button.

### 2. Common Mode

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

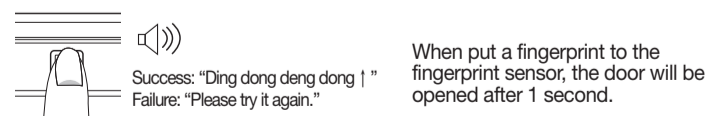


When the numbers on the number pad are lighted, enter the master/user password and press the [\*] button.

- 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 [⏏] button and re-enter the password.
- If the password is wrong 5 times, the "You entered the wrong information five times." alarm will sound. In about 10 seconds, the "The input block mode will be activated for three minutes." alarm will sound, and the system will shut-down for about 3 minutes. If the correct password is entered before the 3-minute entry block mode alarm is generated, the entry block mode will not be activated.

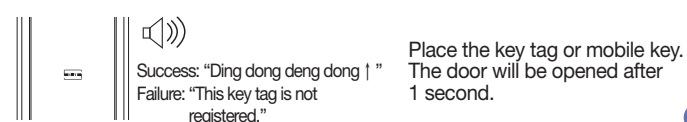
## Opening the Door from Outside (Fingerprint)

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



## Opening the Door from Outside (Key tag, Mobile key)

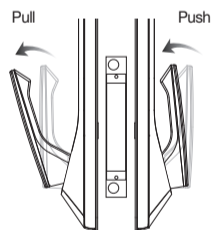
A locked door can be opened from outside by using a key tag or mobile key. Place the registered key tag or mobile key on the key tag sensor.



- 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

### Opening the Door by Pulling the Inside Handle (Pull-Push)



Warning: Please be careful not to trap your hand during use.

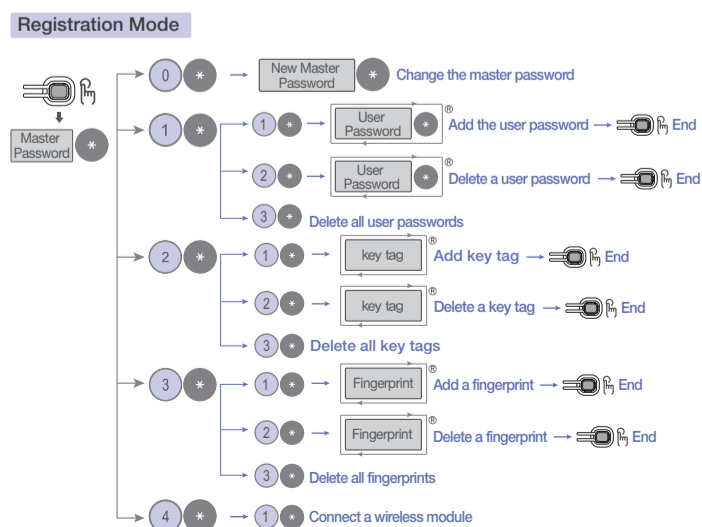
## Locking the Door from the Inside

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

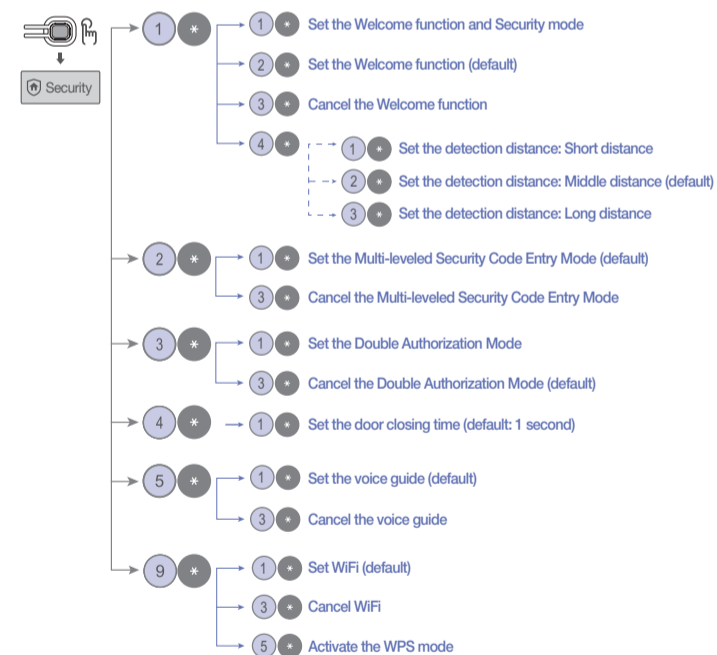
**Manual Locking Setting** The door is locked when the [DOUBLE LOCK] button from the inside is pressed.

- If you want to check the door status in the house, shortly touch the Double Lock button. If the door is locked, the red LED blinks. If not, the green LED blinks.

## Menu



## Setting Mode



## Initialization Mode



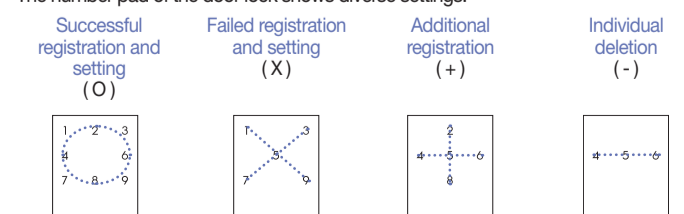
## WiFi Registration Mode

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 a Key tag or fingerprint or delete all user passwords or a Key tag 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 7-14.)

※ 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 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 battery cover 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 "2" and the asterisk sign to manage a key tag. Press "3" and the asterisk sign to manage a fingerprint. Press "4" 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

#### 2. Select Master Password Change

"Password Change mode" →  
 "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.

#### 3. Press New Master Password

"Ding dong deng" →  
Success: "It was changed."  
Failure: "Wrong information was entered."

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

#### 4. Check Changed Password

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

Press the [Register] button, the new password, and the [1] button, consecutively, and check if the Registration mode is accessed.

**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.
- If checking the new password fails, initialize the key information (see page 14) to initialize the password, and change the password again.

## 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

#### 2. Select User Password Management

"User Password Management mode" →  
 "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 [1] button.  
- To hear the announcement again, press a number button before pressing the [\*] button.

### [Add a user password]

#### 3. Select Additional Registration

"Additional Registration mode" →  
 "Press a user password and the asterisk sign."

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

#### 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."  
Failure: "Wrong information was entered, or "It already exists."

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

#### 5. Exit Registration Mode

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

### [Delete a user password]

#### 3. Select Individual Deletion

"Individual Deletion mode" →  
 "Press the user password and the asterisk sign."

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

#### 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."  
Failure: "This password is not registered."

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

#### 5. Exit Registration Mode

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

### [Delete all user passwords]

#### 3. Select All Deletion

"All deletion mode" →  
 "Ding dong deng" → "All deleted."

Press the [3] button.  
- To hear the announcement again, press a number button before pressing 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 a Key tag / Deleting All Key tags

Up to 100 key tags can be registered. A registered key tag can be deleted, or all key tags can be deleted (ISO 14443 Type A supportable).

### 1. Enter Registration Mode

#### 2. Select Key tag Management

"Key tag Management mode" →  
 "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 [2] button.

### [Add a key tag]

#### 3. Select Additional Registration

"Additional Registration mode" →  
 "Connect the key tag to be registered additionally."

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

#### 4. Connect the Key tag to be Added

"Ding dong deng" →  
Success: "It is registered. If you need to register more, connect a key tag to be registered additionally."  
Failure: "This key tag already exists."

Connect a key tag to be added to the key tag sensor.

#### 5. Exit Registration Mode

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

### [Delete a key tag]

#### 3. Select Individual Deletion

"Individual Deletion mode" →  
 "Connect the key tag to be deleted."

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

#### 4. Connect the Key tag to be Deleted

"Ding dong deng" →  
Success: "It is deleted. If you need to delete more, contact the key tag to the key tag recognition part."  
Failure: "This key tag is not registered yet."

Connect the key tag to delete to the key tag recognition part.

#### 5. Exit Registration Mode

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

### [Delete All Key tags]

#### 3. Select All Deletion

"All Deletion mode" →  
 "Ding dong deng" → "All deleted."

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

**Note**

- A key tag can be registered or deleted continuously. When a user connects a key tag within 60 seconds after a new key tag has been registered or deleted, registration or deletion can continue.
- To make sure the password has been properly registered or deleted, check the password and close the door.

**Warning**

- Only the key tags provided by Samsung SDS can be used.
- Samsung SDS will not be responsible for any problems occurring from the use of authentication methods, other than the key tags it has provided.

## Adding/Deleting Fingerprint/ Deleting All Fingerprints

Max 100 fingerprints can be registered.  
A fingerprint registered can be deleted, or all fingerprints can be deleted.

### 1. Enter Registration Mode

#### 2. Select Fingerprint Management

"Fingerprint Management mode" →  
 "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 [3] button.  
- To hear the announcement again, press a number button before pressing the [\*] button.

### [Add a fingerprint]

#### 3. Select Additional Registration

"Additional Registration mode" →  
 "Input a new fingerprint three times to the fingerprint recognition part."

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

#### 4. Put a fingerprint to Add

"beep" →  
 "beep" →  
 "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."  
Failure: "Please try it again."

Put a fingerprint to add to the fingerprint sensor.  
(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 sensor and contact it again. (Total three times)

#### 5. Exit Registration Mode

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

**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" →  
 "Input the fingerprint to the fingerprint recognition part."

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

#### 4. Put the fingerprint to Delete

"Ding dong deng" →  
Success: "It is deleted. If you need to delete more, input the fingerprint to the fingerprint recognition part."  
Failure: "Please try it again."

Put the fingerprint to delete to the fingerprint sensor.

#### 5. Exit Registration Mode

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

### [Delete all fingerprints]

#### 3. Select All Deletion

"All deletion mode" →  
 "Ding dong deng" → "All deleted."

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

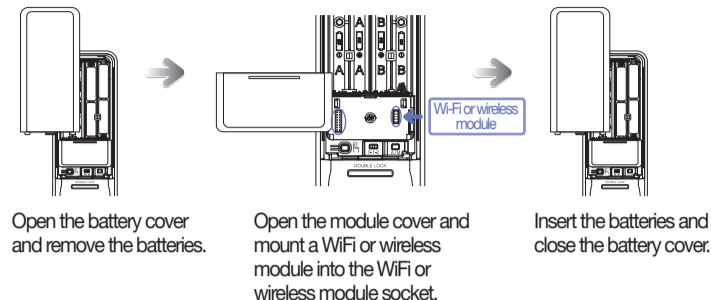
**Note**

- 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.

You can purchase a Wi-Fi or wireless module sold by Samsung and mount it into the Wi-Fi or wireless module socket.

However, even though you purchase a proper Samsung Wi-Fi or wireless module, it may not be used in a model that does not support the module. Thus, please, contact the store before purchasing a Wi-Fi or wireless module to inquire the module type of your model.

1. Mount WiFi or Wireless Module



Open the battery cover and remove the batteries.

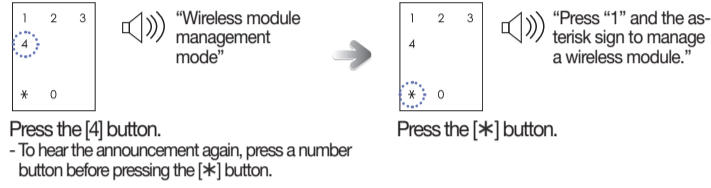
Open the module cover and mount a WiFi or wireless module into the WiFi or wireless module socket.

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



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

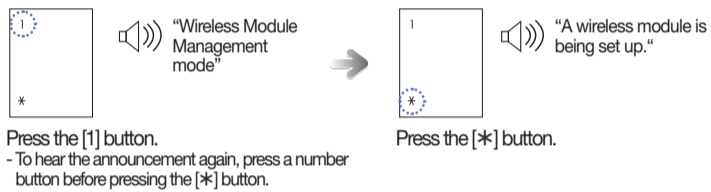
Press the [\*] button.

[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.)

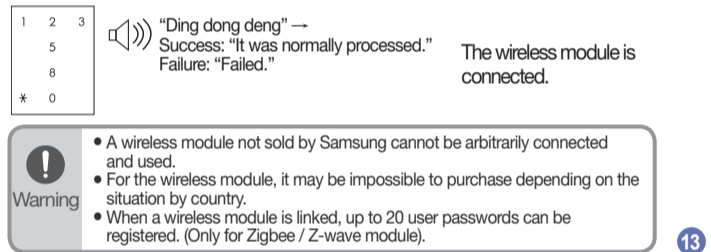
5. Select Wireless Module Management



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

Press the [\*] button.

6. Wireless Module Connection



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

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.
- When a wireless module is linked, up to 20 user passwords can be registered. (Only for Zigbee / Z-wave module).

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.

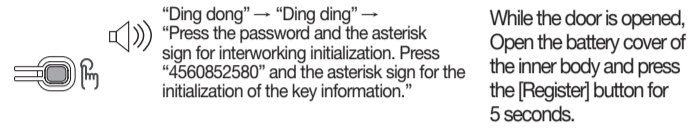
Note

- If you separately purchase a Samsung Wi-Fi module, see page 13 to mount it into the door lock.

Initialization

All registered data are deleted.

1. Press and Hold [Register] Button

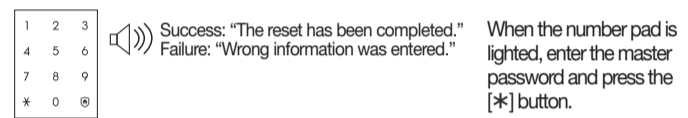


While the door is opened, Open the battery cover of the inner body and press the [Register] button for 5 seconds.

[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

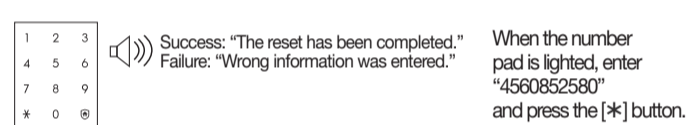


When the number pad is lighted, enter the master password and press the [\*] button.

[Initialize the key information]

- The master/user passwords key tags, and fingerprint information can be initialized.
- WiFi linkage: The mobile key is initialized and the WiFi registration information is maintained.
- Link of a wireless module: The linked information is maintained.

2. Enter Initialization Number of Key Information.

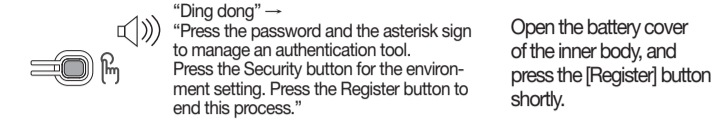


When the number pad is lighted, enter "4560852580" and press the [\*] button.

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 15-20.)

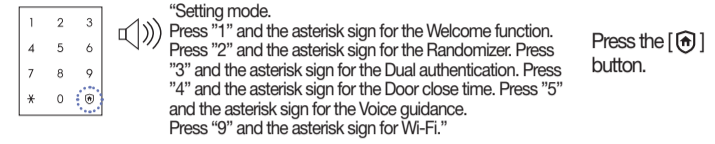
※ In the Setting mode, be careful that the door is not locked even though it is closed during the setting time (60 seconds). To cancel the Setting mode, press the Register button section of the inner body.

1. [Register] Button



Open the battery cover of the inner body, and press the [Register] button shortly.

1. [Security] Button



Press the [1] button.

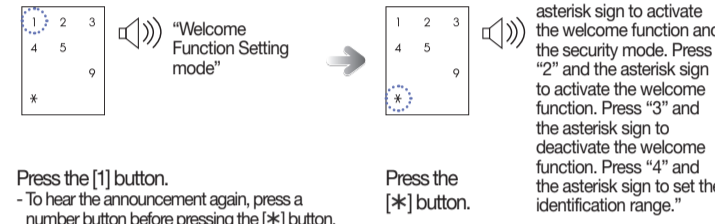
Welcome Function

When a user approaches 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



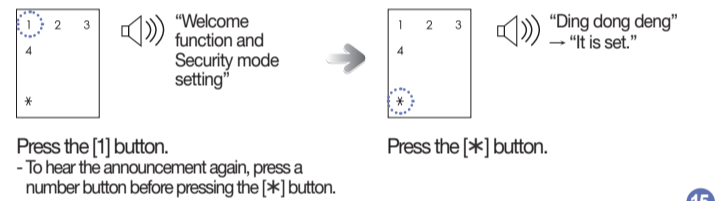
Press the [1] button.  
- To hear the announcement again, press a number button before pressing the [\*] button.

Press the [\*] button.

[Set the welcome function and the security mode]

- Welcome function setting: When a user approaches 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

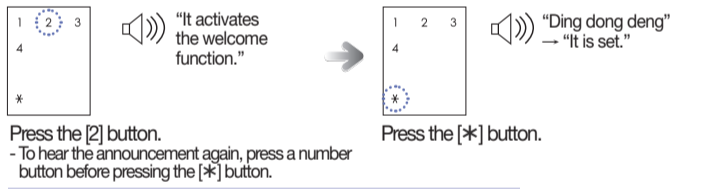


Press the [1] button.  
- To hear the announcement again, press a number button before pressing the [\*] button.

Press the [\*] button.

[Set the welcome function and deactivate the security mode]

3. Select Welcome Function Setting and Security Mode Cancellation



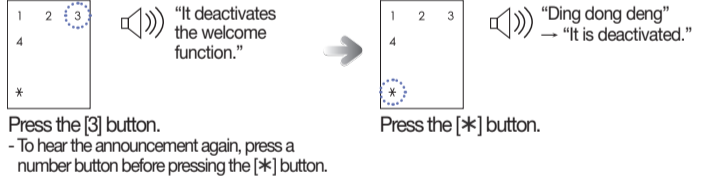
Press the [2] button.  
- To hear the announcement again, press a number button before pressing the [\*] button.

Press the [\*] button.

[Deactivate the Welcome function]

- Welcome function deactivation Even though a user approaches 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



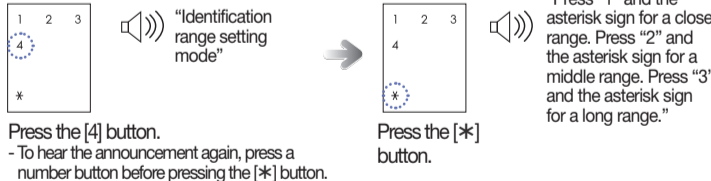
Press the [3] button.  
- To hear the announcement again, press a number button before pressing the [\*] button.

Press the [\*] button.

[Set the detection distance]

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

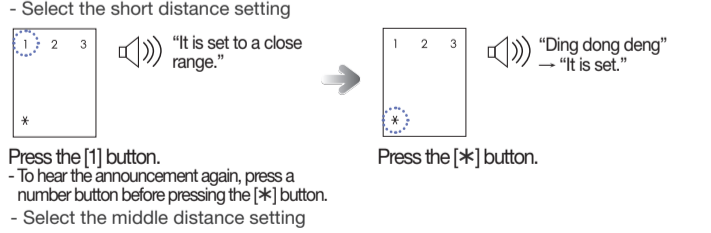
3. Select Detection Distance Setting



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

Press the [\*] button.

4. Set Detection Distance



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

Press the [\*] button.

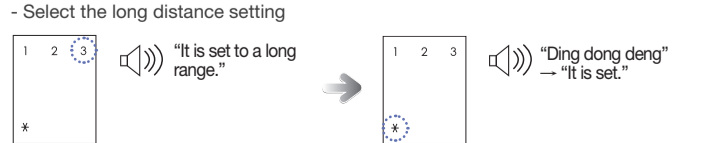
Select the middle distance setting



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

Press the [\*] button.

Select the long distance setting



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

Press 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 triggered in the case of row houses (or apartments) where lighting is always turned on or apartment houses of corridor access directly exposed to the sunlight.

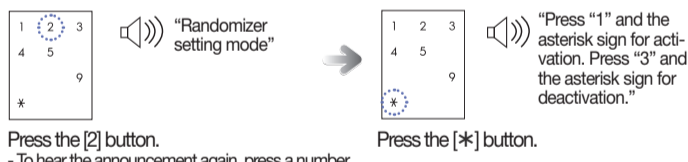
Multi-Leveled Security Code Entry Mode

By pressing a password in order after two arbitrary numbers are inputted, 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 15.)

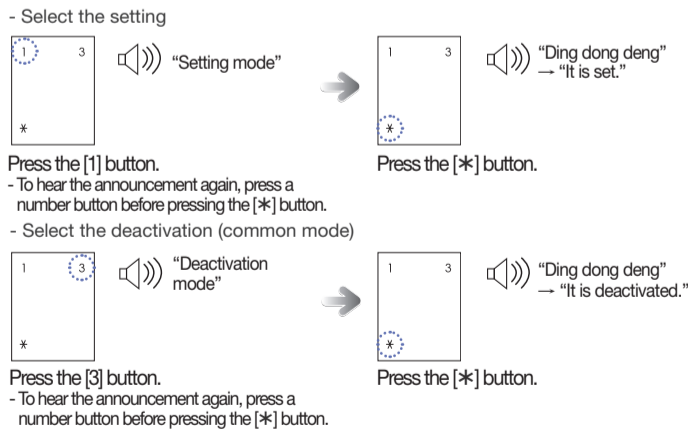
2. Select Multi-Leveled Security Code Entry Mode Setting.



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

Press the [\*] button.

3. Select Activation/Deactivation



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

Select the deactivation (common mode)

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

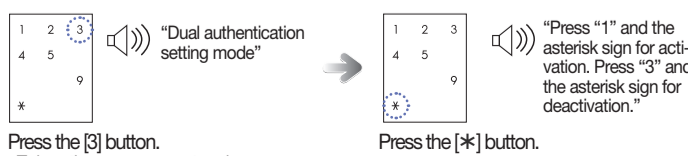
Double Authorization Mode

Double authorization mode requires both password and fingerprint to open the door, enhancing 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 15.)

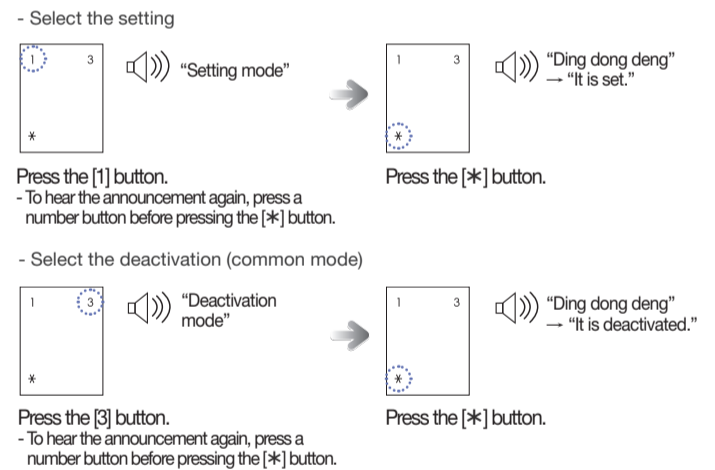
2. Select Double Authorization Mode.



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

Press the [\*] button.

3. Select Activation/Deactivation



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

Select the deactivation (common mode)

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

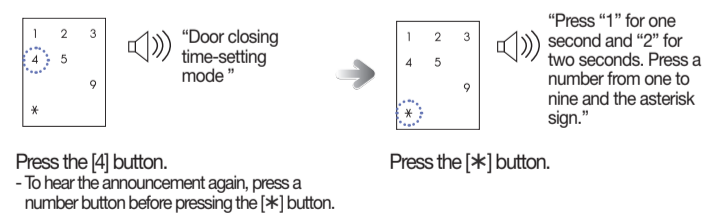
Door Lock Closing Time Setup Function

This function sets the delay time of the door lock locking after open/close door sensor detects 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 closing time. By default, the door lock closing time is set to 1 second.

1. Enter Setting Mode

Select the Setting mode. (Refer to the Setting mode on page 15.)

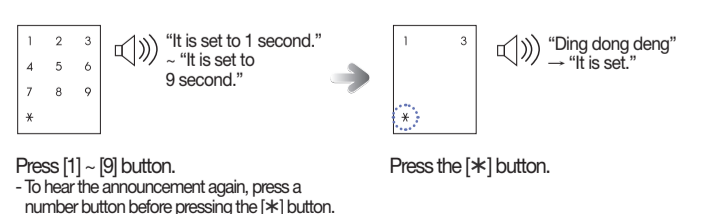
2. Select Door Lock Time Setting Mode



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.

