6 Additional functions and setting method

Welcome Function

When a user stands close to the door lock, the keypad is automatically displayed, and keytag and fingerprint sensor areas also enter authentication standby mode. Welcome function and alarm notice function are enabled, and the voice guidence and alarm are triggered when the user stands in front of the door lock for more than a minute. Welcome function is on by default, and alarm notice function is set to Off by default for the door lock system.

Dual Authentication Function

When configured, the user must consecutively authenticate both password and fingerprint to open the door, and the security system is reinforced through this configuration. Dual authentication mode can only be configured (enabled) when more than one fingerprint has been registered. Dual authentication function is set to Off by default for the door lock system.

Auto Lock Time Setting Function

Auto lock time can be configured and auto lock time can be adjusted as necessary.

Voice Guidence

A voice provides assistance regarding the door lock operation status.
voice guidence function is set to On by default for the door lock system.

Wi-Fi Configuration Function

When the Wi-Fi module has been equipped on the door lock, the Wi-Fi function is set to On by default for the door lock system. App-based services cannot be used when this function is turned off. It is recommended to turn off the Wi-Fi function if the app is not being used. (Can reduce battery consumption)

Volume Settings

You can configure the volume for system sound, keypad entry sound, voice guidence, etc. when opening the door. Open the battery cover on the interior unit to adjust volume through the volume control switch, and it is configured at [1] by default.

[0] Mute (Alarm excluded) [2] Max. volume

Refer to the following table to configure or disable other additional functions.

Open the battery cover on the interior unit and press [Register] button.
Press the exterior keypad security button ( ) according to the voice guidence to enter configuration mode. Select a function to use according to the voice guidence, and press the **Register button on the interior unit to suspend configuration before completion.**

※ Door is not locked even if the door has been closed within default time (within 1 minute) in configuration mode.

To activate Welcome function and Security mode	> > 1 * > 1 *
To activate Welcome function	> > 1 * > 2 *
To deactivate Welcome function	> > 1 * > 3 *
detection range : close range setting	> > 1 * > 4 * > 1 *
detection range : middle range settings	> > 1 * > 4 * > 2 *
detection range : long range settings	> > 1 * > 4 * > 3 *
To activate Randomizer	> > 2 * > 1 *
To deactivate Randomizer	> > 2 * > 3 *
To activate Dual authentication	> > 3 * > 1 *
To deactivate Dual authentication	> > 3 * > 3 *
Door closing time	> > 4 * > 1 *
To activate Voice guidance	> > 5 * > 1 *
To deactivate Voice guidance	> > 5 * > 3 *
To activate Wi-Fi	> > 9 * > 1 *
To deactivate Wi-Fi	> > 9 * > 3 *
WPS mode	> > 9 * > 5 *

References

- Recognition distance may vary in an environment exposed to sunlight or intense light
- When configuring (enabling) the welcome mode in houses with corridors exposed to sunlight or houses with lighting on permanently, be mindful that the door lock system will automatically sound the alarm when this function is used.
- What is WPS (Wi-Fi protected setup)? This is a function designed for app users. After completing Wi-Fi registration and when the wireless router must be changed during use, you can connect to security settings via Wi-Fi for easy configu ration without a complex configuration process. This mode can only be used in an environment that can support a WPS wireless router. Refer to the wireless router User Manual for WPS instructions for the wireless router. Wireless router can only be used normally after registering Wi-Fi again when the wireless router does not support WPS.

7 How to use security function

Randomizer Function

Enter two random digits displayed and then enter password for authentication to prevent password leak. Randomizer function is set to On by default for the door lock system.

Away mode Function

Away mode button ( ) is turned on when the door is locked after the user leaves the house. Press the away mode button ( ) within 3 seconds to configure (enable) the function. After configuring (turning on), the alarm will be triggered as the external alarm LED flashes when the door is opened from the inside. It is recommended to only use this function when there is no one home.

Lockout mode

This is a function to increase the difficulty of opening the door from the inside. This prevents a stranger from forcefully opening the Push-Pull lever from the inside through abnormal methods when there is no one home.

TIP **How to Disable Alarm**
To disable the alarm, use the registered authentication method (Fingerprint/Password/Keytag/ Mobile key/app) to open the door.

Caution When the away mode function is disabled from inside, press the [DOUBLE LOCK] button on the indoor lock to disarm the current state, and open the door with the handle to easily open the door. (Alarm triggered)

References Press [*] button within 3 seconds after turning on the away mode function to enable the Lockout mode.

Privacy mode Function

This function is configured when all family members have returned home in the evening, or to protect personal privacy, and it can restrict the door from being opened from the outside. Door lock cannot be opened through any authentication method from the outside when this function is enabled. Be careful not to configure this function when a child is present indoors.

※ Only use this function when there is a person inside when configuring (enabling) this function through the app.

Configure :

Press the [DOUBLE LOCK] button on the interior unit for 3 seconds with the door lock being locked to enable the function.

Disable :

The function is immediately disabled when the door is opened from the inside.

Anti-Tampering Function

(Door lock operation is suspended for 3 minutes when authentication fails 5 consecutive times.)

The door triggers the alarm when the operated incorrectly from the outside (outdoor), and the door lock operation is suspended. The door lock triggers a failure alarm and its operation is suspended for 3 minutes (cannot be used) after failing authentication 5 times consecutively. (Password, fingerprint, keytag, mobile key authentication failure).

Intrusion Detection Function (※ Default function and cannot be disabled)

The door lock triggers the alarm when the door is forcefully opened from the inside/ outside. The door opening sensor detects an intrusion and the alarm is triggered for 5 minutes when the door is forcefully opened with the door lock being locked.

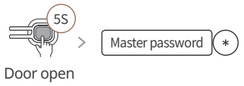
High Temperature Alarm Function (※ Default function and cannot be disabled)

The alarm system is activated with the temperature sensor reacting to an abnormal increase in indoor temperature (approx. 70°C +-10°C). LED on the [DOUBLE LOCK] button on the interior unit flashes as the alarm is triggered for 15 seconds.
The door lock is automatically disabled after the alarm is turned off.
(The door lock is restored to normal operational state when the indoor temperature drops to a certain temperature)

8 Initialization

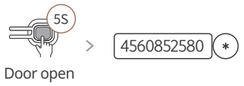
Initialize the linked information (Wi-Fi)

This resets the mobile key and Wi-Fi registration information.
(Master password, user password, fingerprint, and keytag information are maintained)



Initialize the key information

Password is reset to '1234' and all registered fingerprints, keytags, and app information are deleted.



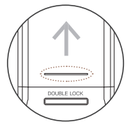
TIP **What is reset?** It is a function to perform factory reset for all information configured for the door lock.

Caution Password is changed to '1234' after reset. You must change the password afterward.

9 How to replace the battery and open the door during an emergency

Battery Replacement

Replace the batteries immediately if the voice guidence is activated after the battery replacement alarm (LED) is turned on. Continuing to use without replacing the batteries on time may result in the door lock shutting down due to lack of battery power. Replace the batteries by pushing the interior unit cover upwards to remove the cover.



Caution
- Battery use time may vary depending on the battery manufacturer, manufacturing date, and environment of use. (8 Alkaline batteries (1.5V AA), can be used for 10 months when used 10 times per day, use time may be less than 10 months when Wi-Fi function is used)
- Regularly check the battery state (6 months is recommended) to prevent damage to product from battery leak.
- When the battery replacement alarm is displayed on the door lock, some functions such as enter registration mode, enter configuration mode, etc. may be restricted until the batteries are replaced.

Emergency Door Open

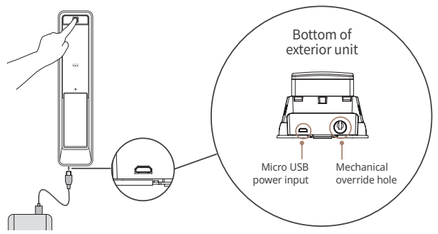
When the door lock is continued to be used without replacing the batteries despite the battery replacement alarm, you won't be able to use the door lock normally due to a lack of battery power. Emergency power (Smartphone portable charger with micro USB 5-pin connector) or mechanical override may be used to open the door in such an instance.

Emergency Power

Connect the smartphone portable charger with micro USB 5-pin connector to the Micro USB power input at the bottom of the exterior unit through micro USB 5-pin cable, and perform authentication (fingerprint/password/keytag) to open the door by disabling the door lock.

Mechanical Override

Mechanical override can be used to open the door by disabling the door lock when the door lock no longer operates due to lack of battery power or other circuit errors. Insert the mechanical override in the mechanical override hole at the bottom of the exterior unit and turn the key left or right to open the door.



Caution
- Contact zigbang customer service center (400-818-0177) to inquire about total key chip replacement when the mechanical override has been misplaced. (Total key chip replacement is a paid service.)
- Keep the mechanical override at a safe location outside of the house for unforeseen circumstances. (Vehicle, office, etc.)

zigbang

GC68-02576A ED01

SHP-DP609
User Manual

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※ Color may be added and specifics will be determined by future policy.

homeiot.zigbang.com

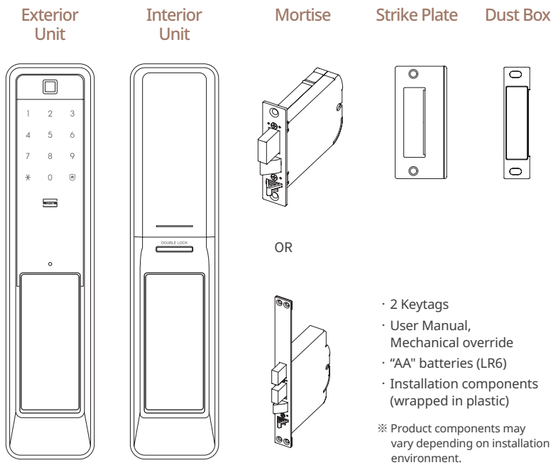
Safety Caution

Safety caution protects the safety of users, and prevents property damage from accidents and usage inconvenience. Please read and comply with the following safety caution.

- Do not install or repair this product without permission.
- The gap between the door and door frame should not exceed 5mm during installation.
- Fracture in the door lock touchpad may result in an environment where the door lock is exposed to direct sunlight for a long period of time. Therefore, avoid the environment from being exposed to direct sunlight for installing the door lock.
- Do not apply excessive force or press the door lock button with sharp tools.
- Do not operate this product with wet hands, and do not let liquids such as water and beverage to infiltrate the product.
- Wipe the lock with soft and dry cloth, and do not wipe this product with water, benzene, alcohol, etc.
- Check that the door is completely locked when leaving home.
- Manage your password carefully and regularly change your password to prevent password leak.
- Insert the batteries accurately according to the terminal (+/-) of the battery.
- Be mindful that battery leak or rupture may result from inserting the batteries at opposite terminals (+/-).
- Battery consumption may vary depending on the wireless communication environment. Battery use time may decrease if the communication environment is unfavorable.
- Wireless radio waves or another device may cause interference when using this product.
- Wireless radio wave interference may take place during operation of the wireless device of this product, and this results in suspension of human safety-related services.
- Product performance may suffer if used in an environment with high humidity.
- Maintain at least 20cm of distance from the product when using the product.

※The company reserves the right to change the contents of the user manual without notice in advance to upgrade product functionality.

1 Components



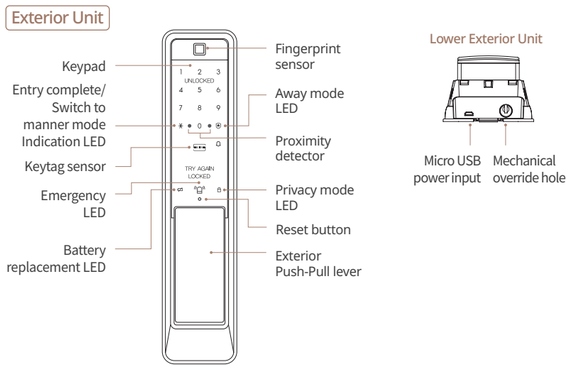
- 2 Keytags
- User Manual, Mechanical override
- "AA" batteries (LR6)
- Installation components (wrapped in plastic)

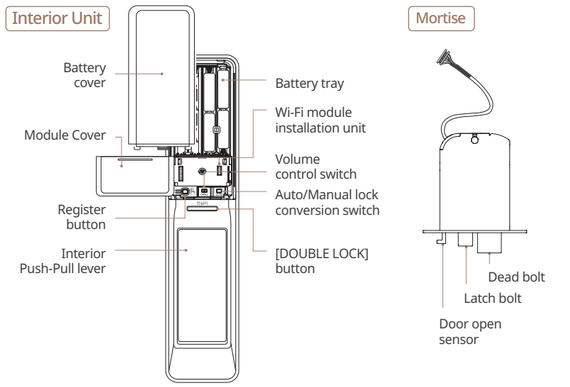
※ Product components may vary depending on installation environment.

Product specifications

Item	Specifications
Rated voltage	4 AA 1.5V alkaline batteries (LR6) (DC 6V)
Emergency Power	Smartphone portable charger with micro USB 5-pin connector
Entry method	Fingerprint, password, keytag, Mechanical override
Weight	3.686Kg (includes exterior unit, interior unit, and mortise)
Product size (Includes Push-Pull lever)	[Exterior] 88(W) x 392.1(H) x 63.8(D)mm
	[Interior] 86.2(W) x 391(H) x 68.5(D)mm

2 Names and functions





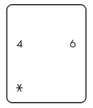
3 Open door from outside

Fingerprint

The door opens when the registered fingerprint accurately makes contact with the fingerprint sensor.

Master Password & User Password

❶ Stand close to the door lock and then press the two random digits displayed. (Randomizer function)



❷ When all buttons on the keypad are displayed, enter your password (4~12 digits) and then press [*] to open the door.

TIP **User manner function (sound muted) to open door**
Press [*] button when temporarily turning off the sound in the evening and enter password to mute the sound.

References
- Enter the password when the keypad is turned on. If the keypad is turned off, touch the keypad to turn on the keypad and then enter the password.
- Error alarm is triggered and the door lock operation is suspended for 3 minutes after entering an incorrect password 5 times. You can enter the accurate password to open the door once the door lock suspension disarming alarm is triggered by the door lock system after 3 minutes.
- Press the [Security] button when canceling entry after entering an incorrect password to re-enter the accurate password.

Keytag/Mobile Key

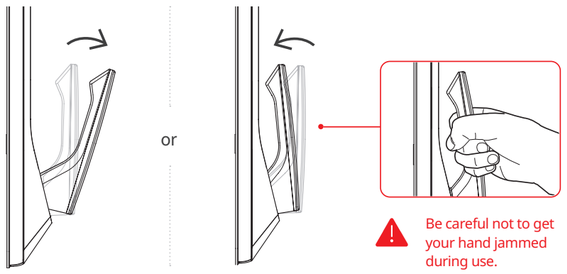
The door opens when a registered keytag or mobile key (smartphone) accurately makes contact with the fingerprint sensor.

References
- Touch the keypad when the welcome function has been disabled and then place the mobile key on the sensor to open the door.
- You can open the door with mobile key after installing the door lock app and requesting for the service.
- Mobile key door open function only supports Android mobile phones and devices equipped with NFC USIM card.
- You can use the mobile key to open the door only when the smartphone screen is on.
- Refer to user guide provided in the app for details.

4 Open/Close door from inside

Open by Pulling or Pushing the Push-Pull Lever

You can choose to open by pulling or pushing the Push-Pull lever depending on the direction of door installation.



Close Door

Auto lock (A)

The door is automatically locked when closed. (Default)

Manual lock (M)

The door is not locked even after being closed for unrestricted access. (Party, moving, etc.)

TIP **How to Configure Auto/Manual Lock**
Open the battery cover on the interior unit.
Configure with [Auto/Manual Lock] conversion switch.

Caution
- After enabling manual lock mode, the door can only lock if the [DOUBLE LOCK] button is pressed from the inside or if the keypad is pressed from the outside.
- Regardless of the manual lock mode configuration, the door is automatically locked if the door is not opened within 7 seconds after disabling the lock.

5 Register authentication method

You can only register the authentication method when the door is open.
After opening the battery cover on the interior unit, press [Register] button and enter the master password. Then press [*] button to enter registration mode.

※ Read the caution for registering authentication mode, and it is recommended to only register when there is a person present inside the house.
※ Registration mode is terminated automatically when incorrect password has been entered, and you can register again after pressing the [Register] button.

Press the **[Register] button on the interior unit** if you have to **suspend registration before completion.**

Registration Mode

Enter registration mode and then register authentication method (password, keytag, fingerprint) according to the voice guidence.

※ Registration mode is maintained for 60 seconds by default and the door does not lock even if it is closed within 60 seconds.

> Master password (*) >
- (0) (*) Change master password mode
- (1) (*) Register user password mode
- (2) (*) Register keytag mode
- (3) (*) Register fingerprint mode

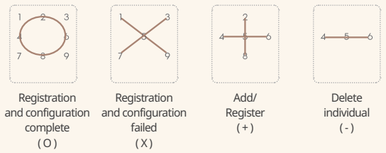
Change Master Password

You can enter 4~12 digits for the password, and you can only register a single master password. Default password is "1234".

※ You must change the password after installing the product.

(0) (*) > New master password (*)

Each setting can be checked through the door lock keypad.



Register (Add) Fingerprint/ Delete Individual Fingerprint/Delete All Fingerprints

You can register up to 100 fingerprints.
Registered fingerprints can be deleted individually or collectively.

(3) (*)
- Register (Add): (1) (*) > Fingerprint (Can be registered continuously (Within 60 seconds)) > Complete
- Delete individual fingerprint: (2) (*) > Fingerprint (Can be deleted continuously (Within 60 seconds)) > Complete
- Delete all fingerprints: (3) (*)

How to Register Fingerprint
Place a finger on the fingerprint sensor to register.
Change the angle of the finger 6 times and make contact with the sensor when registering a fingerprint.

※ Number of contacts made by fingerprint appears on the keypad with the 'Ding' sound when registering fingerprint. Register the fingerprints in the same method according to voice guidence when adding fingerprints. Press the [Register] button on the interior unit when registration is complete.

Register (Add) User Password/Delete Individual User Password/Delete All User Passwords

You can register up to 100 keytags including passwords and mobile keys.
Registered passwords can be deleted individually or collectively. (4~12 digits)

(1) (*)
- Register (Add): (1) (*) > Password (*) (Can be registered continuously (Within 60 seconds)) > Complete
- Delete individual password: (2) (*) > Password (*) (Can be deleted continuously (Within 60 seconds)) > Complete
- Delete all passwords: (3) (*)

Register (Add) Keytag/Delete Individual Keytag/Delete All Keytags

You can register up to 100 keytags including passwords and mobile keys.
Registered keytags can be deleted individually or collectively.

(2) (*)
- Register (Add): (1) (*) > Keytags (Can be registered continuously (Within 60 seconds)) > Complete
- Delete individual keytag: (2) (*) > Keytags (Can be deleted continuously (Within 60 seconds)) > Complete
- Delete all keytags: (3) (*)

References
- Press the door open sensor with the door open to artificially close the door, and then open the door with the keytag (whether the dead bolt goes inside the mortise) to check if registration has been completed normally.
- Close the door after adding or deleting is complete.

Caution
- This product only supports keytags provided by zigbang.
- Warranty is void if the door lock is malfunctioning from opening the door using alternate authentication method aside from the keytags prescribed by the company.

References
- It is recommended to register thumbs or index fingers when registering fingerprints.
- Register the fingerprint for a finger you use often if you wish to improve fingerprint recognition rate.
- Recognition rate may be low if it is a fingerprint of a child or if the fingerprint is faint (or damaged). Fingerprint may not register or be recognized in such instance.
- If the surface of the fingerprint is too rough (damaged or bubble present on the finger), fingerprint may not be recognized. Recognition rate may suffer if the finger is too small or thin, or if the finger is bent, or if only the fingertip is used for authentication. You must cover the entire fingerprint sensor with your finger when registering your fingerprint.
- If the fingerprint sensor or the finger is dirty or wet, try again after wiping.
- If the surrounding environment is dry, static may occur for the product. In such an instance, avoid using fingerprint recognition or make contact with another metallic object before fingerprint recognition to eliminate static and try again.
- Be careful not to scratch the fingerprint sensor with coins, keys, necklaces, and other metallic objects.
- Close the door after checking that the fingerprint has been added or deleted accurately.

Zigbang Smart Doorlock app Installation and registration (Option)

When you register a door lock to zigbang Smart Doorlock app, you can use various IoT services including remote door open, access function, push notification, etc. Android users can search for 'Smart Doorlock' app in Play Store to download and install, and iOS users can search for 'Smart Doorlock' app in the App Store to download and install.

TIP **How to Register Wi-Fi**
Press [Register] button on the interior unit for 5 seconds to register Wi-Fi.

Register button on the interior unit

Caution
- Wi-Fi router must be on to register door lock. When using dual-band router (2.5GHz, 5GHz), you must select 2.4GHz. (5GHz is not supported)
- Refer to user guide provided by the app for door lock registration method and other service-related matters.