

SHP-A20

USER MANUAL

Welcome Function (4 page)

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

Silent Mode (5 page)

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

Double Authentication (6 page)

Security check with the card and the password can be optionally applied.

Do not Disturb Mode (7 page)

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

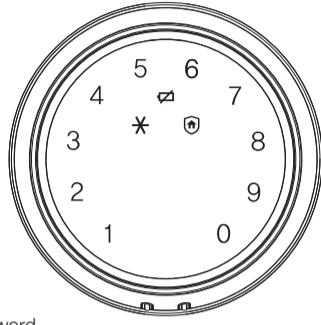
High Temperature Alarm (8 page)

Alarm will sound when abnormal high temperature is detected.

Emergency power supply (9 page)

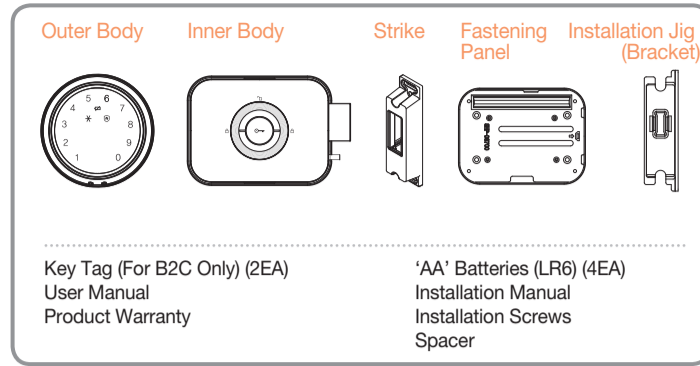
Using the Emergency Battery

Setting guide (10, 11 page)

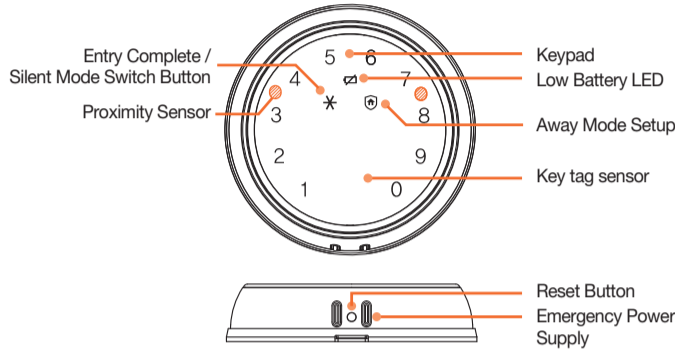


Product Components

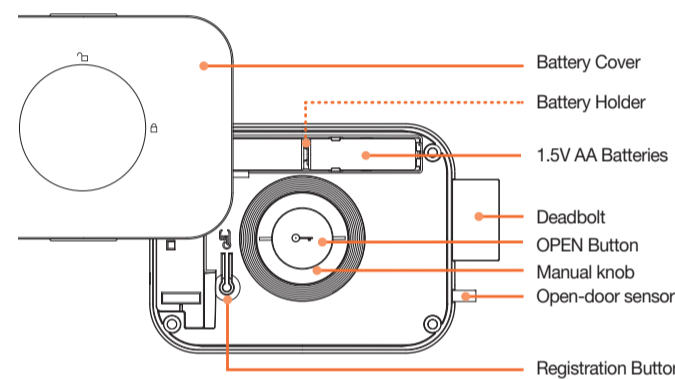
The product components used may vary depending on the installation environment.



Front Body Unit



Back Body Unit



※ All registration and settings only operates when the door is opened(Unlocked).

Password Registration/Change

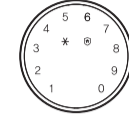
The password can be between 4 to 12 digits. The initial password is '1234' and only 1 password can be registered.

1. Press the [Registration] button



Open the battery cover on the back body and press the [Registration] button.

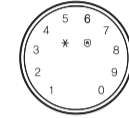
2. Enter current password



When the keypad LED is on, enter the current password (1234 if it is right after installation) and then press the [*] button.

Success: DING DONG DENG → DING DING
Fail: DING DONG DING DONG

3. Entering a New Password



Enter new password
Enter the new password between 4 to 12 digits and then press the [*] button.

DING DONG DENG



Warning

- To prevent an intrusion, it is recommended to make a password with 6 or more digits (from 0 to 9 can be set).
- Manage your 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 password cannot be deleted. Register a new password.

Key Tag Registration

When a new key tag is registered, already registered key tags will remain registered. If you want to register only the new key tags, refer to the Key Tag Delete instructions. Up to 20 key tags can be registered.

1. Press the [Registration] button



Open the battery cover on the back body and press the [Registration] button.

2. Enter the password



Success: DING DONG DENG → DING DING
Fail: DING DONG DING DONG

When the keypad LED is on, enter the current password and then press the [*] button.

3. Scan the key tag



Place the card or key tag to be registered on the card reader of the outer body.

4. Registration complete



To end the registration process, press the [Registration] button.

Warning

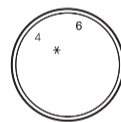
- To register multiple cards or key tags, lightly place another card or key tag on the card reader within 20 seconds after registering the previous card or key tag.
- To make sure the key tags are properly registered, scan all of them before closing the door.
- Please, be aware that the only provided card and key tag by Zigbang shall work properly on the regular use for this door lock.
- Only the key tags provided by Zigbang can be used. Zigbang will not take responsibilities for any problem that may occur because you used an authentication means other than the key tags that we provided.

Opening with the Password

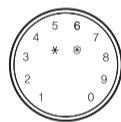
Randomizer is enabled as default settings.

1. Randomizer Mode

When you approach the lock(when Welcome Function is enabled) or the keypad is touched, number LEDs will be lighted.



When two Random buttons are lighted, press the buttons in order.

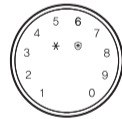


When the numbers on the number pad are lighted, enter the password and press the [*] button.

Success: DING DONG DENG DONG ↑
Fail: DING DONG DING DONG

2. Common Mode

When you approach the lock(when Welcome Function is enabled) or the keypad is touched, number LEDs will be lighted.



Enter the password when the number pad is lighted, and press the [*] button.

Success: DING DONG DENG DONG ↑
Fail: DING DONG DING DONG

※ Silent Mode

Press the [*] button before entering the password to enter silently once. There won't be any sound while pressing the password, locking and unlocking process.



Note

- Password must be entered after the light is on, touch the keypad and make sure the LED is on.
- To cancel, press [⊙] button and re-enter.
- If the password is entered incorrectly 5 times, Prank warning alarm will sound and the keypad will go into lockout for 3 minutes. During lockout, alarm will sound every 10 seconds and will be disabled after 3 minutes.

Double Authentication Mode

Double Authentication mode requires both password and key tag to open the door. In order to use this mode, at least 1 card must be registered.



Touch the keypad.



Enter the password when the keypad LED is on and press the [*] button.

Success: DING DONG DENG
Fail: DING DONG DING DONG



Scan the key tag against the card reader. The door will open when the registered key tag is successfully scanned.

Success: DING DONG DENG DONG ↑
Fail: DING DONG DING DONG



Warning

- Take your card when going out after the Double Authentication mode is set. You cannot open the door if there is no card.

Welcome Function

The Welcome Function is a convenient function that automatically turns on the keypad LED when the user approaches the door, so the user can enter the password or scan the key tag right away.

Welcome Function enabled: Automatically turns on the keypad LED when user approaches the door lock.

Welcome Function disabled: The user needs to manually touch the keypad in order to enter the password.

1-minute Alarm: When someone remains in front of the door lock for more than a minute, the alarm will sound.

Warning

- The factory default is set with Welcome Function enabled and 1-minute Alarm disabled.
- Working distance of the Welcome Function(infrared sensor) can differ depending on the light condition, environment and etc. When the lock is exposed to direct sunlight or constant bright light, it is advised to limit the usage of this function as it might sound the alarm.

Opening with the Key Tag

The door can be opened from the outside using the key tag. Scan the registered key tag against the card reader.

Scanning the key tag



Success: DING DONG DENG DONG ↑
Fail: DING DONG DING DONG

Scan the key tag against the card reader. The door will open after 1 second.



Note

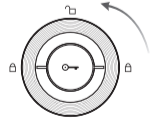
- When the welcome function is deactivated, touch the number pad and place the card to open the door.

Opening from the Inside



DING DONG DENG DONG ↑

OR



Press the [Open] button on the back body to open the door

Turn the [Manual Knob] towards the [⊙] icon to open the door.

Closing from the Inside

Automatic Locking Mode

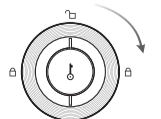
The door is automatically locked after the door is closed.

Manual Locking Mode



DING DONG DENG DONG ↓

OR



After the door is closed, press the [Open] button on the back body to lock the door.

Turn the [Manual Knob] towards the [⊙] icon to lock the door.

Do not Disturb Mode

Do not disturb mode is to prevent opening from the outside of the house.



Indoor: When [Open] button is pressed with the remote control(optional), error alarm will sound.
Outdoor: When the keypad is pressed or key tag is scanned, error alarm will sound.

Do Not Disturb Mode Enable Settings

Do Not Disturb Mode Disable Settings



While the door is locked, press the [Open] button on the back body or press the [Open] button on the back body for 3 seconds.

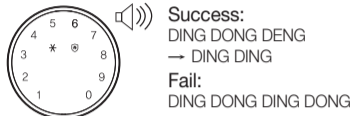
Press the [Open] button on the back body or turn the [Manual Knob] towards the [] icon to disable the settings.

Warning When the Do not Disturb Mode 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.

Delete Registered Key Tag

Delete all registered key tags at once.

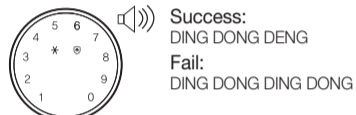
1. Press the [Registration] button
2. Enter the Password



Open the battery cover on the back body and press the [Registration] button for 3 seconds.

When the keypad LED is on, enter the password and press the [*] button.

3. Delete the Key Tags



Enter '88' and the press the [*] button to delete all registered key tags.

Factory Reset (Password and Key Tag)

All registered and password and key tag will be deleted. After factory reset, the password will return to default password 1234. Please change the password after the factory reset is carried out.

Press the [Registration] button

Enter the Factory Reset number



Open the battery cover from the back body and press the [Registration] button for 5 seconds.

When the keypad LED is on, enter '4567890123' and then press the [*] button.

[Settings] ※ All settings only applied when the door is opened (Unlocked).

Welcome Function Settings

The Welcome Function is a convenient function that automatically turns on the keypad LED when the user approaches the door, so the user can enter the password or scan the key tag right away.

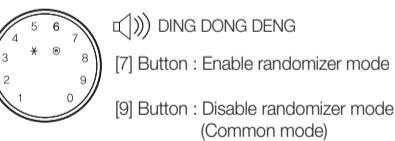


Open the battery cover on the back body and press the [Registration] button.

[1]+[*] button: Welcome function on & one-minute alarm function on
[2]+[*] button: Welcome function on & one-minute alarm function off
[3]+[*] button: Welcome function off

Randomizer Settings

Press two random numbers before entering the password.

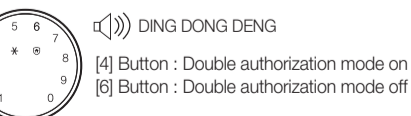


Open the battery cover on the back body and press the [Registration] button.

Press the [*] button after pressing [7] or [9] button, and the security mode will be set.

Double Authentication Settings

Double Authentication mode requires both password and key tag to open the door. In order to use this mode, at least 1 card must be registered.



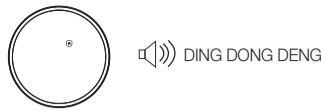
Open the battery cover of the inner body and briefly press the [Register] button.

Press the [*] button after pressing the [4] or [6] button, and the double authentication mode will be set.

Away Mode

This mode can be enabled when the user leaves the house. Alarm will sound when an opening attempt is made from the inside of the house. The alarm will continue for 5 minutes.

Away Mode Enable Settings



After the door is locked, user can enable the Away Mode by pressing the button for 3 seconds until the [] sound confirmation.

Away Mode Disable Settings



Scan the registered key tag on the card reader or enter the password and then press the [*] button.

Prank Alarm

This function is to prevent incorrect consecutive entry attempts and the door lock goes into lockout mode. An alarm will sound if incorrect password or unregistered key tag is entered 5 consecutive times. When the Prank Alarm is initiated, the lock will go into lock out for 3 minutes and the alarm will sound during the meantime. The lock will be active and alarm will stop after 3 minutes.

Stopping the Alarm

The below guide will stop the alarm

From the Inside



Open the battery cover on the back body and press the [Registration] button or remove the batteries.

From the Outside



Scan the registered key tag against the card reader or enter the registered password and press the [*] button.

High Temperature Alarm

This function unlocks the door lock when abnormal heat is detected. The deadbolt will be unlocked so the door can be opened in case of an emergency. High temperature alarm sounds at the temperature around 70°C ± 10°C, but could vary depending on the installation environment. The [Open] button on the back body LED will flash while the alarm sounds for 15 seconds. After the alarm stops, the door will automatically unlock. The lock will operate normally again after the inside temperature returns to room temperature.

※ High Temperature Alarm is a default function of the lock and cannot be disabled.

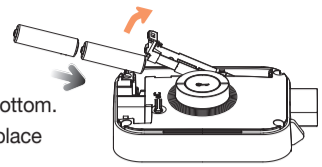
Replacing the Batteries

Low battery Alarm

If a melody sounds after opening the door using a password or key tag, it is time to replace the batteries. The low battery LED will be lighted along with the melody.

How to replace the batteries

1. Remove the battery cover and pull out the battery holder. Replace the batteries located on the bottom.
2. Install the battery holder back into its place and replace the batteries on the top



- The lock will not operate if the batteries are not replaced in time.

AA Alkaline Batteries X 4EA

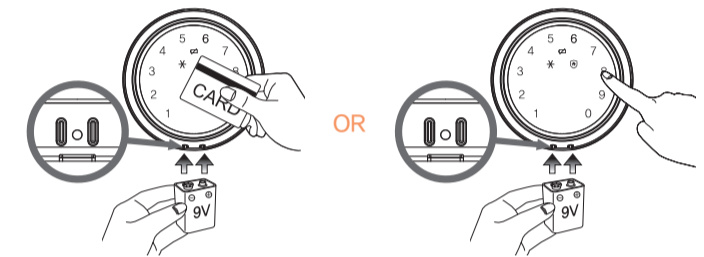
Warning Depending on battery manufacturer, date of manufacture and the user environment, the duration of use may vary. (In the case of average use, given as 10 times a day, 4 AA Alkaline 1.5V batteries can last for 10 months.)
Liquid leaks from batteries can damage the product. Check the batteries regularly (every 6 months).
After the battery replacement alarm has sounded, password/card (key tag) information cannot be registered, changed, deleted, initialized or configured until the batteries are replaced.

Emergency power supply

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

Opening the Door Using an Emergency Battery

Purchase an emergency battery (9V) at the nearest store. As the alkaline batteries offer longer life, they are recommended over the manganese batteries or rechargeable ones.

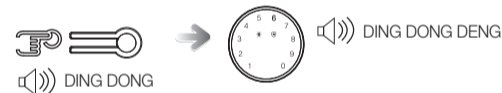


While contacting a 9V battery to the external power (emergency battery) contact on the outer body for 2 seconds or longer, place the card or key tag or enter the password.

[Settings] ※ All settings only applied when the door is opened (Unlocked).

Automatic/Manual Lock Settings

Automatic Lock mode will lock the door automatically when it is closed.



Open the battery cover of the inner body and briefly press the [Register] button.
[21] + [*] Button: Automatic Locking mode
[22] + [*] Button: Manual Locking mode

Automatic Locking mode: The door is automatically locked after the door is closed. This mode does not operate when the batteries are fully discharged.

Manual Locking mode: The door does not lock automatically. In order to lock the door, [Open] button on the back body have to be pressed or touch the [Keypad] on the front body.

Warning Regardless of the Automatic/Manual locking setting, If the door is not open after unlocked the door, the door will lock automatically after 7 seconds.

Locking Time Settings

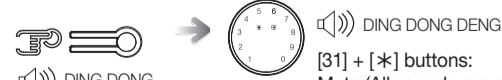
This settings can adjust the deadbolt locking time after the open-door sensor is recognized as closed. In the environment where the door is slowly closed, the deadbolt could lock too early and cause malfunction. This can be solved by adjusting the deadbolt locking time.



Open the battery cover on the back body and press the [Registration] button. Enter [51] to [59] and press the [*] button to set the time between 1 to 9 seconds.

Volume Settings

Sound is generated when password is entered, locking or unlocking process. The default setting of the volume is set at level 1.



Open the battery cover on the back body and press the [Registration] button.
[31] + [*] buttons: Mute (All sounds are mute except for the Alarms)
[32] + [*] Button: Level 1
[33] + [*] Button: Level 2
The sound will increase as the level goes up.

Product Specifications

Item	Specifications
Voltage	AA Alkaline 1.5V Batteries (LR6) 4EA (DC 6V))
Emergency Power Source	9V Battery (6LF22) (Separately sold)
Operation Method	Electronic Control Method (Password entry or card or key tag reading)
Weight	0.8 kg (including both inner and outer bodies)
Product Dimensions	Outer Body 82.8mm(D) x 19mm(H) Inner Body 140mm(W) x 106mm(L) x 44mm(H)

• The contents of this user guide are subject to change without prior notice to the user in order to enhance performance of the product.

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 5mm or more.
- Make sure that no unauthorized person has the access to the password.
- 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 the excessive force or sharp objects to push the lockbuttons, as this can damage the product.
- Make sure that the door is completely closed when going outside. The manufacturer does not assume the responsibility for any harm caused by engagement of the lock on an improperly closed door.
- Using the product in an environment in which severe dew-condensation occurs may cause problems to its performance.
- Long-term exposure to direct sunlight may cause a crack on its touch pad. Avoid exposure to direct sunlight during installation.
- Be sure to correctly match the poles (+/-) when installing the batteries. Install the batteries with the correct poles (+/-).
- Do not use water, benzene or alcohol when cleaning the product, as these fluids can cause product malfunction.
- Replace the batteries immediately after the battery replacement alarm sounds.
- During battery replacement, use a new one instead of the existing battery.

Caution

This product doesn't have mechanical key override. If the product breaks down, the whole lock needs to be replaced. Fully understand how to operate the lock including the manual mode and using the external power supply.