The safety section of this manual 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.
Product Features

**Double Claw Bolt Ensures Robust and Safe Lock**
With double claw bolt, it prevents forced intrusion, ensuring your safety.

**User-friendly Graphic Interface Allows You to Check the Status of the Doorlock**
When the user opens the door or sets up the modes, user-friendly graphic interface icons appear showing the user the status of the doorlock, making it convenient.

**With Infrared Ray Sensor, Security Is Stronger**
When the door is unlocked from the inside without sensing any movement inside, the door won’t open, strengthening the security against intrusion.

**Anti-theft Function Ensures Worry Free Trip**
When going out, the user can set up the anti-theft function, which creates a warning sound when the doorlock operates, preventing any tempering.

**Multi-leveled Security Code Entry Mode Is More Secure**
Passwords will be pressed after press two random numbers, preventing intruders from checking the fingerprint marks left on the pad and break in.

**Double Authentication Function Is More Secure**
With double authentication mode set up, both password and card must be authenticated to open the door, strengthening security.
Other RF-enabled Cards as well as the Key Tag Provided Can Be Used to Open the Door

Not only the key tag provided but also other cards with a radio frequency function can be registered and used to open the door. (Up to 20 cards can be registered.)

Passwords Can Open the Door

Register desired password, and use it to open the door without any keys.

With the Built-in Fire Detection Feature, It Is Possible to Exit Promptly and Safely in Case of a Fire

When a fire breaks out from the inside and temperature exceeds the normal level, a warning alarm will sound and the door will automatically open.

Door has Auto-lock Function

Auto-lock allows the door to be locked automatically.

Double Lock System Is More Secure

At night, it is best to use double lock function to lock the door.

Protects from Outside Tampering

When trying to open the door with an unregistered card, key tag or password 5 times, the alarm will sound and the power will shut down for 3 minutes automatically.
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Precautions

The following contents are designed to protect user safety and prevent loss and damage of their property. Please read this prior to use to ensure the product properly used.

Meaning of Warning, Caution, and Reference

- **Warning text**
  Provides user information to prevent physical damage.

- **Things to Be Cautious of**
  Provides user information to prevent system error or system damage.

- **Things to refer to**
  Provides additional information regarding each topic.

Meaning of Each Symbol

- Indicates warnings or cautions.

- Indicates banning misuse of the product.

- Indicates special instructions for the user.
Cautions Regarding the Installation

- Do not install or disassemble on your own, if users install or repair on their own, the company will not be responsible for any damage.

- Do not install where the gap between door and door frame is bigger than 5mm. May not work well if large gap exists.

Caution While in Use

- Do not let others know the password, Change it periodically. This is done to prevent a potential break-in.

- Please do not use the product with wet hands, and make sure that liquids such as water or a beverage do not get inside the product. This may result in a malfunction or damage to the product.

- Do not push the buttons excessively hard or with a sharp object. This may result in a malfunction.

- Please check if the door is locked before you leave. The company will not be responsible for accidents resulting from an unlocked door.
<table>
<thead>
<tr>
<th><strong>Cautions Regarding Repair and Maintenance</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Insert batteries with correct (+/-) directions,</strong></td>
</tr>
<tr>
<td>If the battery is not properly inserted, it might lead to a leakage or explosion.</td>
</tr>
<tr>
<td><strong>When replacing the batteries,</strong></td>
</tr>
<tr>
<td>Please replace all the batteries at the same time, and do not mix new batteries with used ones. Product can be damaged or its lifespan can be reduced.</td>
</tr>
<tr>
<td><strong>When cleaning the product,</strong></td>
</tr>
<tr>
<td>Please do not use water, benzene, or alcohol; instead, please use a soft, dry cloth. There is a risk of damaging the product.</td>
</tr>
<tr>
<td><strong>When the product sounds to indicate the need for a battery change for the first time,</strong></td>
</tr>
<tr>
<td>Please make sure to do so within one week. If the batteries are not replaced on time, it may only be opened with the emergency key.</td>
</tr>
</tbody>
</table>
Read before Use

Product Components

Inner body

Screws to ensure fixture between the panel and the outer body

Outer body

'SA' batteries (LR6)

Self-drilling screws to hold panel

Strike

Screws to hold the fixtures from the inside

Key tags

User Guide

---

Note

Product composition can be different and subject to change without notification.
Outer Body Part Names

<table>
<thead>
<tr>
<th>No.</th>
<th>Part</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>User-friendly Graphic Interface</td>
<td>Shows the status of the doorlock function.</td>
</tr>
<tr>
<td>2</td>
<td>Number Pad</td>
<td>Press to change password or to select or delete it. Use number pad to enter the password and open the door.</td>
</tr>
<tr>
<td>3</td>
<td>Card Reader</td>
<td>The place to read cards or key tags to unlock the door. Touch the number pad to activate the Card reader.</td>
</tr>
<tr>
<td>4</td>
<td>Emergency Power Supply</td>
<td>Gives power in case of complete discharge of batteries with the connection of an emergency battery. (Use 9-volt battery.)</td>
</tr>
</tbody>
</table>

Battery Change Time Notification | Double Lock Mode Being Setup
Password or Card Authentication Failure/Registration or Setup Failure | Password or Card Authentication Success/Registration or Setup Success
Intrusion/Fire/Security Breach Incident | Word Count of Password Entered
## Inner Body Part Names

<table>
<thead>
<tr>
<th>No.</th>
<th>Part</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Battery Cover Open Button</td>
<td>Button used to open the battery cover.</td>
</tr>
<tr>
<td>2</td>
<td>Registration Button</td>
<td>Button used to register/change password, card, key tag.</td>
</tr>
<tr>
<td>3</td>
<td>Manual Open/Close Lever</td>
<td>Lever used to lock or unlock the door manually in case of any electrical failure.</td>
</tr>
<tr>
<td>4</td>
<td>Open/Close Button</td>
<td>Button used to open and close the door.</td>
</tr>
<tr>
<td>5</td>
<td>Deadbolt (With Double Claw Bolt)</td>
<td>Device that locks the door at the door frame with double claw shaped bolts.</td>
</tr>
<tr>
<td>6</td>
<td>Infrared Ray Sensor</td>
<td>When pressing Open/Close button, the red light will appear if the sensor detects normal environment. (If infrared ray sensor is not activated, the light will not appear)</td>
</tr>
<tr>
<td>7</td>
<td>Open–door Sensor</td>
<td>Sensor that detects open/close status after auto–lock mode is being set up.</td>
</tr>
<tr>
<td>8</td>
<td>Double Lock Lever</td>
<td>Lever that prevents any opening from the outside with password, card or key tag.</td>
</tr>
<tr>
<td>9</td>
<td>Sound Volume Switch</td>
<td>Switch that adjust the volume of sound,</td>
</tr>
<tr>
<td>10</td>
<td>Auto/Manual Locking Switch</td>
<td>Switch that converts from Auto–lock to Manual–lock or vice versa. If it is at auto–lock position, the door locks automatically. If it is at manual–lock position, closing the door does not automatically lock the door.</td>
</tr>
<tr>
<td>11</td>
<td>Battery Cover</td>
<td>Cover that protects batteries and registration button,</td>
</tr>
</tbody>
</table>
How to Replace Batteries

1. When the Low Battery Ring Tone Sounds

If the melody "Fur Elise" rings before the door opens with password or key tag, it is time to replace batteries (The replace battery icon at the user-friendly graphic interface will light up after the low battery ring tone sounds)

2. Opening Inner Body Cover

Press the battery cover button lightly and pull the cover to open.

3. Replacing Batteries

Please replace all 4 batteries with new ones within a week,
- The product may shut down without warning if the battery is not replaced promptly after the replace battery sound.

- If the battery is not inserted correctly, the door lock will not work.
- Leakage from the battery may harm the product, so please check the battery regularly (about once every six months).
- Until the battery is replaced after the replace battery warning sound, functions like register, change, or setup of password/card cannot be used.

Battery Lifespan

Battery lifespan is different depending on its manufacturer, manufacturing date, and use environment. Use 4 1.5volt AA Alkaline batteries and batteries last 10 months with an average of 10 uses a day.
How to Use Emergency Battery

1. When Door Will Not Open Due to Complete Discharge of AA Batteries

When it is time to change the batteries, if not replaced, the door lock will not function normally.

2. Purchasing a 9V Battery

Purchase emergency battery (9V) at the nearest convenience store or electronics shop.

Caution

- Use alkaline batteries that last longer than normal manganese batteries or rechargeable batteries.

3. Opening Door Using Emergency Battery

Place 9V battery emergency battery at the connection point, then place card or key tag on the Card reader or enter password.
Basic Functions

This section explains ways to reset the data in the doorlock system, ways to register password, card and other information and ways to open and close the door.

How to Reset (Password, Card, Key Tag)

Delete all data (about password, card, and key tag). When data is being reset, password will be ‘1234’ and previously registered information on card, key tag and password will be deleted.

1. Opening Cover

Press the [battery cover open] button lightly and pull the cover to open.

2. Pressing [Register] Button

Ding dong → Ding ding → Ding ding

Press [Register] button for 10 seconds.

3. Entering Password

Success: Ding dong dang

Press current password or ’4560852580’ and then press [✱] button.
How to Register and Change Password

Password can be registered with 4~12 digit numbers, and only one can be registered and used. If the password needs to be changed, changing procedure is the same as that of registering password.

---

Note

- Changing password can only be done while the door is open.

1. Pressing [Register] Button

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

2. Entering Current Password

Enter current password (initialized password is '1234') and then press [••] button.

3. Entering New Password

Enter new password (4~12 digits) and then press [••] button.

- On the user-friendly user interface, number of digits entered during the registration of the password will appear and if the number of digits is more than 6, the numbers will light up in order.
- To prevent theft, it is highly recommended that a password with more than 6 digits is used. (Only numbers from 0~9 can be used.)
4. Re-entering New Password

To check the registered or newly entered password is entered correctly, enter the new password again and then pressing [★] button will complete the procedure.
- If registration of password completes, 🍀 icon will light up on the user-friendly graphic interface.

5. Confirmation with New Password

To check the new password is successfully registered, enter the new password before actually closing the door.
- To check the new password, while the door is open, press the open-door sensor, and when deadbolt comes out, follow the procedure of "How to Open Door from the Outside (Password)" Section in page 18.
- If the door opens normally, 🍀 icon will light up.

⚠️ Caution

- Do not let others know the password. Using the same password for a long time may cause a breach, so change it periodically to prevent break-in.
- Registered password cannot be deleted and can only be changed with new password or deleting all information (password, card, and key tag) by resetting them and re-registering new information and use.
How to Register Card and Key Tag

The total number of 20 including key tag can be registered. (ISO14443A Type Compliance)

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>− Registration of cards or key tags can only be done while the door is open.</td>
</tr>
</tbody>
</table>

1. Pressing [Register] Button

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

2. Entering Current Password

Enter current password and then press [•] button.

3. Contacting Card or Key Tag

Hold card or key tag to be registered up to the outer body card reader, the registration will be completed with “ding dong dang” sound.

− If registration of card completes, 😊 icon will light up on the user-friendly graphic interface.
4. Completion of Card Registration

Press [Register] button on the inner body to complete registration procedure.

5. Confirmation of Card/Key Tag Registration

Touch [Number Pad], and then place registered card or key tag on the Card reader.
- Follow the procedure of “How to Open Door from the Outside (Card, Key tag)” Section in page 19.
- If the door opens normally, 😊 icon on the user-friendly graphic interface will light up.

To Register Additional Card

Continuous Registration

To register multiple cards, after the previous card, place others within 10 seconds of each other.
If no card is placed within 10 seconds, the procedure will end automatically.

Later Registration

If additional cards or key tags are need to be added after the initial registration of cards, the registration procedure must be followed.
How to Delete Card or Key Tag

Caution
Registered card cannot be deleted individually, and can only be deleted with all the cards and key tags if card delete function is used. After applying the card delete function, pre-registered cards cannot be used to open the door.

1. Pressing [Register] Button

Open the battery cover and press [Register] button for 5 seconds.

2. Entering Password

Enter password and then press [*] button.

Note
- Register and use new cards after delete card information,
- If all card information has been deleted, use registered password to open the door,
- Deleting card information can only be done while the door is open,
- If all card information is deleted, double authentication mode will be deactivated.
How to Open Door from the Outside (Password)

From the outside, the password can open the door. Touch [Number Pad] and open the door with the registered password.

1. Touching [Number Pad]

2. Entering password

Multi-leveled Security code entry mode

Normal mode

Note
- When purchased, the product is initially set to multi-leveled security code entry mode but double authentication mode is not activated.
- If normal mode is to be set up, please refer to “How to Set up Multi-leveled Security Code Entry Mode” on page 21.
- Password must be entered after the light is on, if it does not then touch [Number Pad] and re-enter.
- To cancel after a wrong entry, press [0] button and re-enter.
- If the password is wrong 5 times, "piririri" warning alarm will sound for 10 seconds, and the system will shut-down for about 3 minutes. When stop mode occurs, "beep" will sound every 10 seconds, and stop mode will be deactivated automatically after 3 minutes of multiple 'beeps'. With stop mode, the user-friendly graphic interface will show the duration time by turning off [★] icon one at a time every 30 seconds.

Success: Ding dong dang dong
Fail: Ding dong ding dong
How to Open Door from the Outside (Card, Key Tag)

Use a card or key tag to open the door from the outside. Touch [Number Pad] and open the door by placing a registered card or key tag.

Placing Card or Key Tag

Touch [Number Pad]. When the light is on the number pad, place a card or key tag on the Card reader. The door opens in a second.

Success: Ding dong dang dong
Fail: Ding dong ding dong

- If reading of card completes, the door opens and 😊 icon will light up on the user-friendly graphic interface.
- If reading of card fails, ❌ icon will light up on the user-friendly graphic interface.
How to Open and Close the Door from Inside

**Opening Door Electronically**
- Open the locked door from the inside by pressing [Open/Close] button on the inner body.

**Closing Door Electronically**
- At manual-lock mode, close the door from the inside and then lock the door by pressing [Open/Close] button on the inner body.

**Opening Door Mechanically**
- Open the door by turning the manual open/close handle counterclockwise until the green color shows.

**Closing Door Mechanically**
- Close the door from the inside and then lock the door by turning the manual open/close handle clockwise until the red color shows.
Additional Functions

How to Set up Multi-leveled Security Code Entry Mode

Multi-leveled security code entry mode uses 2 random numbers and password to secure the password from being exposed.

To suit your needs, you can switch between normal mode and Multi-leveled security code entry mode.

Press [Register] button on the inner body briefly.

After pressing button [7] or [9], pressing [*] will turn on or off the authentication mode.

Note

- Setting up multi-leveled security code entry mode can be done only when the door is open.
- If the procedure for setting up Multi-leveled security code entry mode completes, icon on the user-friendly graphic interface will light up.
- When purchased, the product is initially set to Multi-leveled security code entry mode.
**How to Set up Infrared Ray Sensor**

Infrared ray sensor detects movement on the inside when the door opens by pressing [Open/Close] button, it prevents the door being opened by abnormal methods. You can either set up or cancel the function for your convenience. (When purchased, this function is not activated.)

1. After pressing button [1] or [3], pressing [*] will turn on or off the infrared ray sensor function.
2. Press [Register] button on the inner body briefly.

---

**Sensor Mechanism**

- Infrared ray sensor detects movement on the inside when the door opens by pressing Open/Close button on the inner body, and the door opens.
- If an abnormal method is used from the outside to open the door, the sensor does not detect movement inside, and the door will not open.

---

**Note**

- With the sensor being setup, press Open/Close button and check if the infrared sensor works properly by checking the infrared ray sensor LED lights up on the inner body.
- With the infrared ray sensor being setup, the door will not open unless the sensor detects any movement inside.
- The sensor’s infrared detection works at the height of the infrared ray sensor LED light, and it may not work properly when a small child tries to open the door. Be sure you set up the function with that in mind.
- This function may differ depending on the differences in installation environments.
- Setup of infrared ray sensor function only works when the door is open.
- When purchased, this function is not activated.
How to Set up Double Authentication Mode

Double authentication mode requires both card and password to open the door, ensuring more security. You can either set up or cancel the function for your convenience.

Turning on Double Authentication Mode

Press [Register] button on the inner body briefly.

Touch [Number Pad].

When the light comes on, on the number pad, enter the password and press [★] button.

When the Card reader lights up, it place the card on the sensor. When the authentication is successful, the door will open.

Success: Ding dong
Fail: Ding dong ding dong

Success: Ding dong ding dong
Fail: Ding dong ding dong

Note

- Setting up double authentication mode can be done only when the door is open,
- When purchased, double authentication mode is not activated,
- To setup the double authentication mode, more than 1 card must be registered,
- Double authentication mode will automatically be turned off when all card information is deleted,
How to Set up Auto/Manual Lock

When the door is closed, auto-lock function can be setup.

**Setting up Auto-lock**

- If the deadbolt comes out automatically when the open-door sensor is pressed by hand while the door is open, then the auto-lock function is on.
- If the door is opened while auto-lock is on, warning sound “pee pee pee” will ring twice every 15 seconds. (The warning sound will not ring while manual-lock is on.)
- After lock is released using password, a card or key tag, if the door is not open within 7 seconds from being unlocked, it will be re-locked.

**Setting up Manual Lock**

- Auto-lock: the door will lock in 2 seconds after the door closes. However, if the battery is completely discharged, the product will not function.
- Manual-lock: the door does not lock automatically, touch [Number Pad] or [Open/Close] button on the inner body must be pressed to lock the door.

**Note**

Difference between Auto-lock and Manual-lock

- Auto-lock: the door will lock in 2 seconds after the door closes.
- Manual-lock: the door does not lock automatically, touch [Number Pad] or [Open/Close] button on the inner body must be pressed to lock the door.

**Caution**

- The door will not lock automatically if the door is set to manual lock, so please make sure you lock the door for your safety.

**Note**

- If the deadbolt comes out automatically when the open-door sensor is pressed by hand while the door is open, then the auto-lock function is on.
- If the door is opened while auto-lock is on, warning sound “pee pee pee” will ring twice every 15 seconds. (The warning sound will not ring while manual-lock is on.)
- After lock is released using password, a card or key tag, if the door is not open within 7 seconds from being unlocked, it will be re-locked.
How to Set up and Turn off Sound

The sound volume for entering password, closing and opening the door can be adjusted.

Setting up Sound Function

When purchased, the product is set so that all sounds are turned on initially.

Operation of Sound Function

- [ ]: No sound will ring (except the warning bell)
- [ ] ~ [ ]: All sounds will ring and will get louder as the level increases.
- At setup mode, the sound may not be the one the user wants, the sound selected is heard when the setup is completed.
**Warning Alarm / Emergency Alarm**

**When the Alarm Sounds (Tempering-prevention function)**

It is a function that stops doorlock with the warning alarm when the lock is not properly treated from the outside.

**Card/ Password Error**

When trying to open the door with an unregistered card or the password is entered 5 times incorrectly.

(After the warning bell, door lock will not work for 3 minutes. During stop mode, "beep" will sound in every 10 seconds, and stop mode will be turned off automatically after 3 minutes with multiple 'beeps'. With stop mode, the user-friendly graphic interface will show the duration time by turning off [★] icon one at a time every 30 seconds.)

**How to Turn off the Alarm**

**[Inside]**

Press [Open/Close] or [Register] button on the inner body or take batteries out.

**[Outside]**

Place a registered card, key tag or enter password.

(Turning off the alarm sound is only allowed within 10 seconds after bell starts ringing).
How to Set up Anti-theft Function

It is a function that prevents intrusion attempts from the outside by sounding an alarm if the door lock is manipulated inside.

### Setting up Anti-theft Function

When the door is closed [🚪] of the outside body's number pad will light up.

Pressing the [🔒] button within 3 seconds activates the anti-theft function.

### Anti-theft function

Peep~ Peep~ Peep~ (for 5 minutes)

If [Open/Close] button is pressed from the inside while the anti-theft function is on, alarm will sound for 5 minutes.

### Turning off anti-theft function

After placing a registered card or key tag or entering password, press [★] button.

Note

- Anti-theft will automatically shut off if a registered password is entered or a registered card is used.
Intruder Detection Function

It is a function that rings the alarm for a forced entry from both inside and outside of the room. (With default functions, it cannot be turned on or off separately).

![Diagram of Intruder Detection Function]

How to Turn off Emergency Alarm

- **[Inside]**
  - Open the battery cover and take out batteries or press [Register] button.
  
- **[Outside]**
  - After placing a registered card or key tag or entering password, press [*] button.

Built-in Fire Detection Feature

In case of a fire, this function allows a prompt exit by sounding an alarm. (Built-in fire detection has been set as default, and user cannot turn it off.)

![Diagram of Built-in Fire Detection Feature]

Note

- The built-in fire detection feature operates at around 65°C, although there may be some differences depending on the environment.
How to Use Double Lock

Double lock is to allow no outsider to open the locked door.

**Setting up Double Lock**

Slide the double lock lever until you see the red color ((entities: lock_entity)) from the inside while the door is locked.

**Turning on Double Lock**

With double lock function on, the door will not open from the inside if you press [Open/Close] button. But, you can open the door by turning the manual open/close handle counterclockwise.

When you touch [Number Pad], the double lock bell ring, LED for double lock will turn on, and door will not be opened.

**Turning off Double Lock**

Check if double lock lever is on the side showing red ((entities: lock_entity)).

Slide double lock lever to the side showing red ((entities: lock_entity)) completely.

**Caution**

- You cannot open the door while double lock is on from the outside.
- Please make sure that children do not randomly change the settings from the inside.
- When the door is open, if double lock is set up and the door is closed, a warning sound (Peep Peep Peep) rings for a minute and the door will not be locked. The door will lock after double lock is turned off and the door is closed.
### Troubleshooting

If door lock part does not work properly, check the listed cases below. Contact your nearest customer support center if the problem continues.

#### Power

<table>
<thead>
<tr>
<th>Problem</th>
<th>Troubleshooting</th>
<th>Reference</th>
</tr>
</thead>
</table>
| Power is not coming on   | - Please check to make sure the battery is functional and that it is placed in the correct position.  
                          | - Check if the battery is inserted in the correct way or if it is completely discharged. | Pages 10~11 |

#### Password/Card/Key Tag

<table>
<thead>
<tr>
<th>Problem</th>
<th>Troubleshooting</th>
<th>Reference</th>
</tr>
</thead>
</table>
| Cannot change password   | - It is situation where time has passed without changing the password. The light on the [number pad] must be on while you are changing the password. The next number must be entered within 10 seconds after the first one.  
                          | - If the batteries are discharged, please replace them.  
                          | - Refer back to User Guide’s ‘How to Register Password’ section and try again. | Pages 13~14 |
| Cannot register card or key tag | - To register multiple cards or key tags, after place the first one on the sensor, and place next one within 10 seconds. | Pages 15~16 |
| Cannot open the door after entering password and pressing [✱] | - Check if the registered password has been entered correctly.  
                          - Password must be entered when the light is on or else it will not work. If it does not, touch [Number Pad] and re-enter while the light is on.  
                          (The backlight on the number pad will turn off automatically if untouched for 5 seconds.) | Pages 18 |
| Cannot open the locked door with card or key tag | - It is the case where either the card is not registered or not read correctly. Reregister the card/key tag and try to open the door again.  
                          - Make sure that you place card or key tag is properly placed on the sensor. | Pages 19 |
<table>
<thead>
<tr>
<th>Problem</th>
<th>Troubleshooting</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannot open the door using password or the card/key tag.</td>
<td>- You can not open the door with password, a card or key tag while the double lock system is on. Touching [Number Pad] will ring the warning sound while the double lock system is on. - When double lock lever is placed at the direction of , it is in double lock status.</td>
<td>Pages 29</td>
</tr>
<tr>
<td>Password and card/key tag cannot open the door though registered.</td>
<td>- There might be an error with locking system, Contact the customer support center.</td>
<td>—</td>
</tr>
</tbody>
</table>

### Auto-lock

<table>
<thead>
<tr>
<th>Problem</th>
<th>Troubleshooting</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>The door will not lock automatically even after closed.</td>
<td>- Check if the system is in auto-lock mode. In manual-lock, touching [Number Pad] will lock the door. - If the door is not locked in auto-lock mode, the door lock is not installed properly. See digital doorlock retailer for the reinstall. - Auto locking function does not work when the battery is completely discharged. See if it is in the case.</td>
<td>Pages 24</td>
</tr>
</tbody>
</table>

### Warning Alarm

<table>
<thead>
<tr>
<th>Problem</th>
<th>Troubleshooting</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Pirin&quot; warning bell and user-friendly interface LED light up when (Number Pad) is touched.</td>
<td>Touching [Number Pad] will ring the warning sound while the double lock system is on. Please check if it is on and turn it off before use.</td>
<td>Pages 29</td>
</tr>
<tr>
<td>When door lock operates, the melody (Fur Elise) will be played continuously.</td>
<td>The sound indicates the need for a battery change. Please replace the batteries within a week.</td>
<td>Pages 10～11</td>
</tr>
</tbody>
</table>

### Malfunction

<table>
<thead>
<tr>
<th>Problem</th>
<th>Troubleshooting</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>No response after touching (Number pad).</td>
<td>- On the right side of the emergency power supply, there is a hole and press it with a pin. - If the above does not work, please contact customer service center.</td>
<td>—</td>
</tr>
</tbody>
</table>
## Summary of Usage

※ Reset, register or change, and delete are only allowed while the door is open.

<table>
<thead>
<tr>
<th>Function</th>
<th>Default Value</th>
<th>Setting Up or Turning Off (Press in Order)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resetting (deleting Password, Cards and Key Tags)</td>
<td>–</td>
<td>Registration  ● button for 10 seconds ➞ Password or the number ‘4560852580’ ➞ ❗ button  ※ The password after reset is ‘1234’.</td>
</tr>
<tr>
<td>Registering/Changing Password</td>
<td>Current password or “1234”</td>
<td>Registration  ● button ➞ Current password + ❗ button ➞ New password + ❗ button ➞ New password again + ❗ button</td>
</tr>
<tr>
<td>Registering Card/Key Tag</td>
<td>None</td>
<td>Registration  ● button ➞ Password + ❗ button ➞ Card/Key Tag reading ➞ Registration  ● button</td>
</tr>
<tr>
<td>Deleting All Card/Key Tag</td>
<td>None</td>
<td>Registration  ● button for 5 seconds ➞ Password + ❗ button</td>
</tr>
<tr>
<td>Closing Door from Inside</td>
<td>–</td>
<td>Electronic) Press ❲ Sabha ➞ Door closes  Mechanical) Manual Open/Close handle clockwise ➞ Door closes</td>
</tr>
<tr>
<td>Opening Door from Outside</td>
<td>Multi-leveled Security code entry mode &amp; Double Authentication Off</td>
<td>Card: Touch (Number Pad) ➞ Read Card/Key Tag in 5 seconds  Password: Touch (Number Pad) ➞ 2 random numbers ➞ Password ➞ ❗ button</td>
</tr>
<tr>
<td>Closing Door from Outside</td>
<td>–</td>
<td>Auto-lock: Close and locks automatically  Manual-lock: Touch (Number Pad)</td>
</tr>
<tr>
<td>Multi-leveled Security Code Entry Mode Setup</td>
<td>Multi-leveled Security Code Entry Mode</td>
<td>Registration  ● button ➞ 7 + ❗ button</td>
</tr>
<tr>
<td></td>
<td>Normal Mode</td>
<td>Registration  ● button ➞ 9 + ❗ button</td>
</tr>
<tr>
<td>Double Authentication Setup</td>
<td>On</td>
<td>Registration  ● button ➞ 4 + ❗ button</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>Registration  ● button ➞ 6 + ❗ button</td>
</tr>
<tr>
<td>Function</td>
<td>Default Value</td>
<td>Setting Up or Turning Off (Press in Order)</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>---------------</td>
<td>---------------------------------------------------------------------</td>
</tr>
<tr>
<td>Auto-Lock Setup</td>
<td>Auto-Lock</td>
<td>“Auto” position for Auto/Manual lock switch</td>
</tr>
<tr>
<td>Setup and Turning Off Sound</td>
<td></td>
<td>(Sound Volume) switch to [ ] position</td>
</tr>
<tr>
<td>Infrared Ray Sensor</td>
<td>On</td>
<td>Registration ● button ⇒ [ ] + * button</td>
</tr>
<tr>
<td></td>
<td>Off</td>
<td>Registration ● button ⇒ [ ] + * button</td>
</tr>
<tr>
<td>Setting up anti-theft function</td>
<td></td>
<td>Press [ ] button within 3 seconds after the door is locked.</td>
</tr>
<tr>
<td>Turning off anti-theft function</td>
<td></td>
<td>Enter password or read card or key tag</td>
</tr>
<tr>
<td>Turning Off the Alarm from the Inside</td>
<td></td>
<td>Press Registration ● button</td>
</tr>
<tr>
<td>Turning Off the Alarm from the Outside</td>
<td></td>
<td>Enter password or read card or key tag</td>
</tr>
<tr>
<td>Setting Up Double Lock Function</td>
<td></td>
<td>Double Lock Lever to [ ] direction while locked</td>
</tr>
<tr>
<td>Turning Off Double Lock Function</td>
<td></td>
<td>Double Lock Lever to [ ] direction</td>
</tr>
</tbody>
</table>
Product Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Power Source</td>
<td>4 AA Alkaline batteries (1.5V, LR6) (6V)</td>
</tr>
<tr>
<td>Emergency Power</td>
<td>9V battery (6LF22) (not included)</td>
</tr>
<tr>
<td>Working Mechanism</td>
<td>Electronic control system (enter password or read card or key tag)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.7 kg (including both inner body and outer body)</td>
</tr>
<tr>
<td>Product Size</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inner Body 65.2 mm(W)×170.5 mm(H)×22.5 mm(D)</td>
</tr>
<tr>
<td></td>
<td>Outer Body 182.0 mm(W)×90.0 mm(H)×40.7 mm(D)</td>
</tr>
</tbody>
</table>

RF Specifications

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Wave Type</th>
<th>Modulation Type</th>
<th>Communication Type</th>
<th>Operation Environment</th>
<th>Numbers of Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.56MHz</td>
<td>A1D</td>
<td>ASK</td>
<td>Single</td>
<td>Temperature: -10℃ ~ +50℃ Humidity : 95%</td>
<td>1 channel</td>
</tr>
</tbody>
</table>

The contents of the User Guide may be changed without prior notification for the purpose of enhancing the product usage.
LIMITED PRODUCT WARRANTY

Installation of the product is considered acceptance of warranty conditions

SAMSUNG SDS CO., LTD (SAMSUNG SDS) warrants its products to be free from manufacturing defects in materials and workmanship for 12 months from the date of purchase. SAMSUNG SDS will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. SAMSUNG SDS does not warrant the performance or sale conditions of the seller/installer.

There are no warranties, express or implied, which extend beyond the description on the face hereof. There is no express or implied warranty of merchantability of a warranty of fitness for a particular purpose. Additionally, this warranty is in lieu of all other obligations or liabilities on the part of SAMSUNG SDS.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period. In no case shall SAMSUNG SDS be liable to anyone for any consequential or incidental damages for breach or this or any other warranty, express or implied, even if the loss or damage is caused by the seller's own negligence or fault.

SAMSUNG SDS shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. SAMSUNG SDS and its distributor will not be responsible for any dismantling, reassembly or reinstallation charges. This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly cancelled. SAMSUNG SDS neither assumes, nor authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products. In no event shall SAMSUNG SDS be liable for an amount in excess of SAMSUNG SDS’s original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

SAMSUNG SDS recommends that the entire system be completely tested weekly.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. SAMSUNG SDS does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur.
Consequently, seller shall have no liability for any personal injury, property damage, or other loss based on a claim the product failed to give warning. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage. SAMSUNG SDS is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to SAMSUNG SDS’s original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In case of the product defect, contact our authorized Customer Service Center. In order to exercise the warranty, you must contact our authorized Customer Service Center and obtain a proper RMA # - the product must be returned to our authorized Customer Service Center at user’s shipping expense and the replacement product will be shipped back at our expense.

For product service, the product in all cases must be accompanied by below warranty form. Customer must ask the reseller or installer to fill out the warranty form indicated below, otherwise the product warranty may be considered void.

Visit our website at www.samsungsds-nss.com/en and go to Support menu to find the contact information of our worldwide distributors.

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Date of Purchase or Installation: (MM/DD/YY)

Name, telephone and full address of purchaser:

Stamp or Signature of authorized reseller / installer

Product Code and Serial Number:
