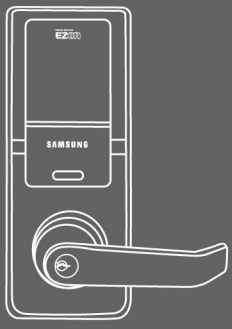
Home Systems

EZON

User Guide

Intelligent Digital Doorlock

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.



EZON SHS-7020 / 7120

Product Features

The door can be opened with a card.

The door can be opened with the card contained in the product package.
SHS-7020 model accept MIFARE® 13.56MHz ISO14443A type card.
SHS-7120 is compatible with most HID Proximity 125KHz cards (ProxCard® II, ISOProx® II, DuoProx® II, Smart ISOProx II ™, Smart DuoProx® II, iCLASS® Prox 26bit up to 37bit).

The door can be opened with the password.

A password can be registered and used to open the door without the key.

Anti-panic function can easily open the locked door.

The locked door can be easily opened from inside by just rotating the handle.

The door does not have to be locked manually.

The door is automatically locked when it closes, eliminating the need to lock it manually (excluded when the mode is set for Passage).

Pranks played by children and juveniles can be prevented.

When an unregistered card or key tag is used, or when an invalid password is entered 3 or more times consecutively, an alarm sound is generated and power to the lock is automatically cut off for one minute.

Table of Contents

Product Features 1

Safety Cautions 4

Before Using the Product 7

Product Components 7
Outdoor Unit Parts 9
Indoor Unit Parts 10
Replacing the Battery 11
Using the Emergency Battery 12
Using the Emergency Key 13

Basic Functions 14

Opening the Door from Outside with a Password or a Card 14
Opening the Door from Inside 15

Program Function 16

User Group Management 16
Functional Setup or Release Summary 17
Program Mode 18
Changing the Master Password (Code 10) 19
Registering the User Password (Code 20) 20
Registering the Temporary Password (Code 30) 22
Registering the User Card (Code 40) 23
User Code Activation/Deactivation/ Deletion (Code 50~55) 25
Entrance Control Setup (Code 60~63) 26

Additional Functions 27

Setting up and Releasing the Passage Mode (Code 70/71) 27
Setting up Current Time 27
Setting up and Releasing the Random Security Function (Code 90~95).....28
Setting up and Releasing the Sound (Code 00~03).....29
Warning Sound/Alarm Sound 30
PC Connection.....32
Initialization 32

Troubleshooting 33

User Code Registration Table 35

Product Specification 36

Product Warranty 39

Safety Cautions

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.

Warning, Caution and Note Explained:

Warning
Information given under this heading is information the user must be aware of to prevent physical harm.

Caution
Information given under this heading is information the user must be aware of to prevent service problems or system damage.

Note
Information given under this heading provides additional information relating to the text in this manual..

Description of Symbols

General warning or caution

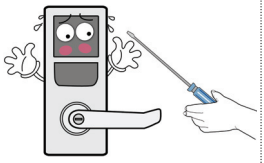
Prohibited activity

Recommended activity

Cautions during Installation

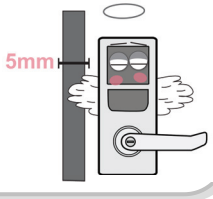
The user shall not install or repair the product without authorization.

The manufacturer does not assume the responsibility for damage to the product resulting from attempts to the user to install or repair it without authorization.



Do not install the product in the place where the gap between the door and the frame is 5mm or more.

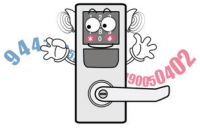
If the gap is too wide, the product may not function properly.



Cautions during Operation.

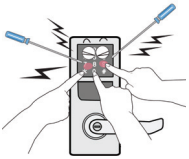
Make sure that no unauthorized person has the access to the password.

To minimize the risk of burglary, it is recommended that you periodically change the password.



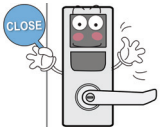
Do not operate the product with wet hands, and keep liquids such as water or drinks away from the product, or the product may malfunction or be damaged.

Do not use the excessive force or sharp objects to push the doorlock buttons, as this can damage the product.



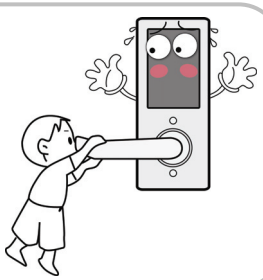
Make sure that the door is completely closed when going outside.

The manufacturer does assume the responsibility for any harm caused by engagement of the lock on an improperly closed door.



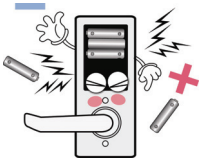
Cautions during Installationnce

Please do not hang on the product or pull it.
It can damage the product or cause its malfunction.

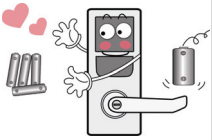


Cautions during Repair or Maintenance

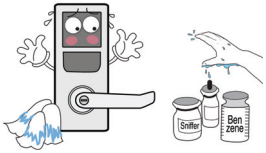
Be sure to correctly match the poles (+/–) when installing the batteries. Install the batteries with the correct poles (+/–).
Improperly installed batteries can cause rupture or battery fluid leakage.



Replace all batteries immediately after they run out of power, and never mix new batteries with used ones.
This can cause reduction of product life or a malfunction in the product.



Do not use water, benzene or alcohol when cleaning the product, as these fluids can cause product malfunction.
Use a soft and dry cloth instead.



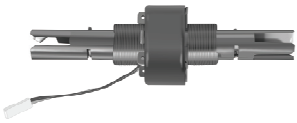
Replace the batteries within 1 week after the battery replacement alarm sounds.
The product can stop operating if the batteries are not replaced in time.

Before Using the Product

Product Components

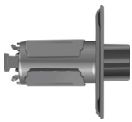
Outdoor Unit

Indoor Unit



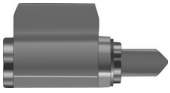
Cylinder

Rose



Latch Bolt

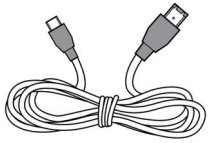
Strike



Key Cylinder

Emergency Key

Cylinder Retainer



USB Cable

'AA' Batteries (LR6)

Card

Access Mgmt. Program CD

User/Installation Manual

Allen – Wrench

Indoor Unit Fastening Bolts

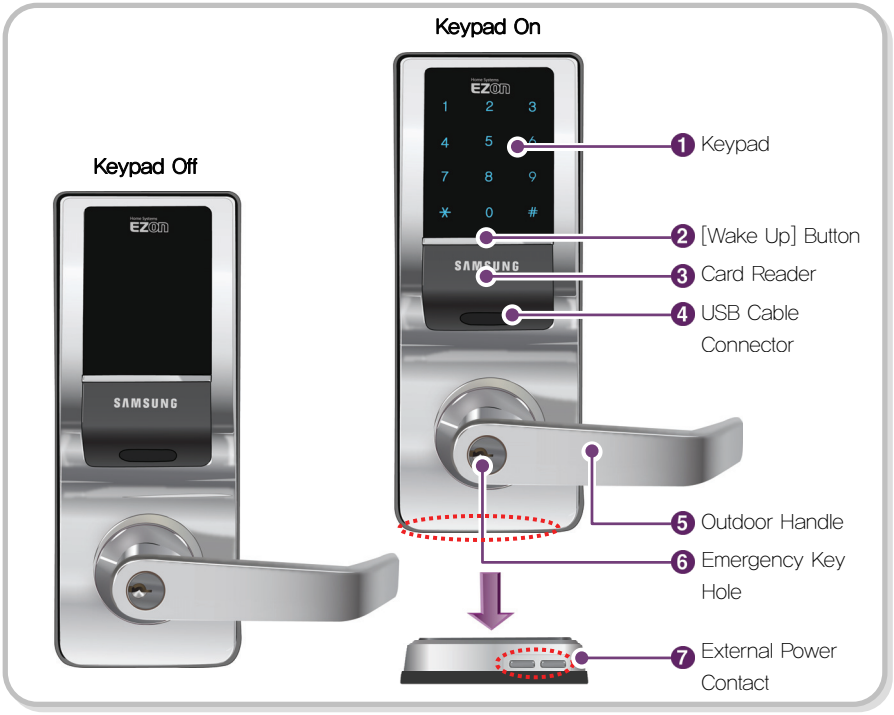
Strike and Latch Bolts

Indoor/Outdoor Unit Fastening Bolts

Note

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

Outdoor Unit Parts



No	Name	Function Description
1	Keypad	The code is entered in the program mode, or the password is input.
2	[Wake Up] Button	The keypad is lighted so that the password can be entered or input of card can be read. It is pressed to terminate the program mode.
3	Card Reader	Card reader is the unit that reads the user card to open the door.
4	USB Cable Connector	The card and/or password can be easily registered from the connected PC.
5	Outdoor Handle	If the lock is released, the door can be opened by turning the outdoor handle.
6	Emergency Key Hole	When the door becomes non-operational because of completely discharged batteries or other circuit problem, the door can be unlocked by using the emergency key and then the door will be opened after the outdoor handle is turned.
7	External Power Contact	If the batteries are completely discharged, the power can be returned when the emergency battery is placed on the external power contact (9V battery).

Indoor Unit Parts

No.	Name	Description
1	Battery Cover	It is the cover that protects batteries and the [Register] button.
2	[Register] Button	The button is used to run in program mode or to release the warning sound.
3	Indoor Handle	The door can be opened while the indoor handle is turned down.

Replacing the Battery

1. Battery Replacement Alarm Generation

It is time to replace the battery if the low voltage warning sound is activated before the door is opened with a password or a card.

Battery Use

The actual life of the batteries can differ from the manufacturer, date of manufacturing and operating environment. Assuming 5 AA alkaline 1.5V batteries used 10 times a day, it should last at least a year.

2. Opening the Battery Cover

To remove the battery cover, turn the screw counter–clock–wise with supplied Allen wrench and push down the cover as indicated in the picture.

3. Replacing the Battery

5 AA Batteries

Replace all 5 batteries with new ones within a week from the first warning sound.

– If the batteries are not replaced, the unit will stop operating.

Caution

– If the poles of the batteries are not placed properly, the doorlock will not operate normally.
– Liquid leaks from batteries can damage the product. Check the batteries regularly (once every 6 months).
– After the battery replacement melody has sounded, password/card information cannot be registered, changed, deleted, initialized or configured until the batteries are replaced.

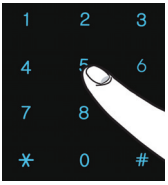
Using the Emergency Battery

1. When Lock Fails to Operate Due to Discharged AA Batteries

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

Card Recognition

or



Password Entry

The door is not opened.

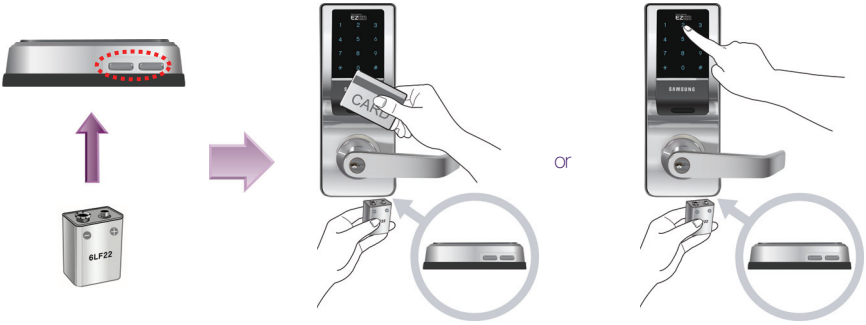
2. Using the 9V Battery

Buy an emergency 9V battery at the nearest store.

Caution

As the alkaline batteries offer longer life, they are recommended than the manganese batteries or rechargeable ones.

3. Opening the Door Using the Emergency Battery



Place the card or key tag on the card reader, or enter the password, while the 9V battery is connected to the external power contact of the outdoor unit.

Using the Emergency Key

The emergency key is used when the unit stops operating due to the discharged batteries or other circuit problems.

Insert the emergency key into the emergency key hole on the outdoor handle and rotates it left and right to unlock the door.

Caution

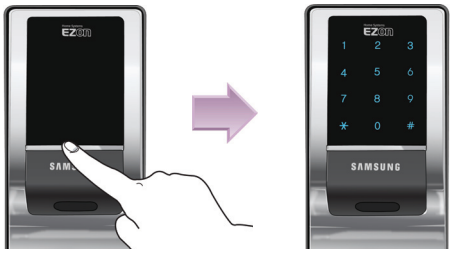
- Make sure to keep or carry one or more emergency key.
- When you've lost the emergency key, contact the service center to exchange the key cylinder wholly. (The exchange of the key cylinder is a paid service.)
- When the door is unlocked, take the emergency key out from the key hole and keep it well.

Basic Functions

This section describes the ways to initialize the information registered in the doorlock, to register the password and card data, and to open or close the door.

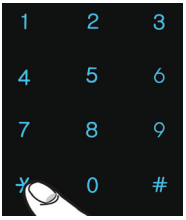
Opening the Door from Outside with a Password or a Card

1. Pressing the [Wake Up] Button



The keypad is lighted when the **[Wake Up] button** is pressed.

2. Entering the Password or Contacting the Card



or

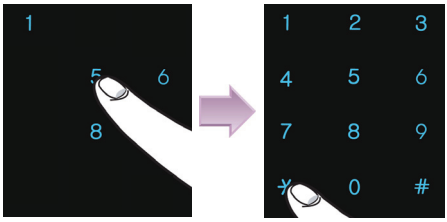
Successful: "Too~~t"
Failed: "Toot~"

Press the **[*] button** after entering the password or place the card.

Note

- Password entry or card contact is validated only when the keypad is lighted. If it is lighted off, press the **[Wake Up] button** first.
- To cancel the password entry, press the **[#] button** and start again.
- When an invalid password entry or unregistered card contact is attempted for 5 times in a row, the beep warning is sounded 20 times and the doorlock becomes inactive for 3 minutes. The "toot" sound is activated every 10 seconds while the unit is inactive, and then the "toot~ toot~ toot~ toot~ toot~" sound is activated before the unit becomes operational again.

3. Entering the Password (When the random security function is activated)



Successful: "Too~~t"
Failed: "Toot~"

Touch all randomly displayed numbers and enter the password before pressing the [*] button.

– Please refer to the section for 'Random Security Function Setup and Release' (page 30).

Opening the Door from Inside

Turning the Doorlock Handle

Too~~t

Turn down the doorlock handle on the indoor unit.

Program Function

This section describes how to initialize the user data registered in the doorlock and how to start the program mode. It also describes how to designate users into a group to register the group's password and card data as a way of easy management.

User Group Management

SHS-7020/7120 allows the registration of password and card data for each user group. Up to 250 user codes can be grouped. Either a password or card data can be registered for each user. When registering a new user, the relevant group and empty number (ID) must be considered.

User Group	Description	Group Code
Administrator Group	User data with user code 001~010	0
Group 1	User data with user code 011~050	1
Group 2	User data with user code 051~100	2
Group 3	User data with user code 101~150	3
Group 4	User data with user code 151~200	4
Group 5	User data with user code 201~250	5

Note

- Master Password: No limitation in function setting.
- Administrator Group: Privilege on all function settings except initialization, master password change and registered data removal.
- The registered user data can be managed using the 'User Code Registration Table'.

Functional Setup or Release Summary

Code	Function	Setup or Release (Follow the steps in the exact sequence.)	Ref. Page
–	Initialization (Complete removal of all passwords and card data)	Press the [Initialization] button on the indoor unit. → Input the current master password or '1470852369'. → Press the **[✱] button.** ※ The password is reset to '1234' after initialization.	32
–	Program Mode Execution	Press the **[Register] button** on the indoor unit. → Current master password, administrator password, or card authentication → Press the **[✱] button.**	18
10	Master Password Change	Program mode run. → Press 10. → Press the **[✱] button.** → Enter the current master password. → Press the **[✱] button.** → Enter the new master password. → Press the **[✱] button.**	19
20/40	User Password/ Card Registration	Program Mode Run → Press 20/40. → Press the **[✱] button.** → Enter the user code. → Press the **[✱] button.** → Enter the password/card data. → Press the **[✱] button** (when entering the password).	20/23
30	Temporary (Single Use only) Password Registration	Program Mode Run → Press 30. → Press the **[✱] button.** → Enter the user code (except the administrator group). → Press the **[✱] button.** → Enter the password. → Press the **[✱] button.**	22
50~55	User or Group Removal, Activation or Deactivation	Program Mode Run → Pres 50~55. → Press the **[✱] button.** → Enter the user code / group code. → Press the **[✱] button.**	25
60/62	User Entry Control Release (by User/Group)	Program Mode Run → Press 61/63. → Press the **[✱] button.** → Enter the user code / group code. → Press the **[✱] button.**	26
61/63	User Entry Control Setup (by User/Group)	Program Mode Run → Press 61/63 → Press the **[✱] button.** → Enter the user code / group code. → Press the **[✱] button.** → Enter [Start Time][End Time]. → Press the **[✱] button**	26
70/71	Passage Mode Setup/Release	Program Mode Run → Press 70/71. → Press the **[✱] button.**	27
80	Current Time Setup	Program Mode Run → Press 80. → Press the **[✱] button.** → Enter [YYMMDDHHMM]. → Press the **[✱] button.**	27
90~95	Random Security Function Setup and Release	Release: Program Mode Run → Press 90. → Press the **[✱] button.** Setup: Program Mode Run → Press 91~95. → Press the **[✱] button.**	28
00~03	Sound Setup and Release	Release: Program Mode Run → Press 00. → Press the **[✱] button.** Setup: Program Mode Run → Press 01~03. → Press the **[✱] button.**	29

Program Mode

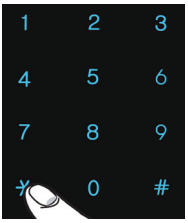
The user data can be registered, changed or deleted by entering the code in the doorlock after making it the Program Mode.

1. Pressing the [Register] Button (from inside)

Toot

Open the battery cover of the indoor unit and press the **[Register] button**.

2. Entering the Master Password (from outside)



Successful: "Too~~t"
Failed: "Toot~~"

Enter the current master password or administrator password. Then press the **[*] button** or place the administrator card.

– The unit returns to the normal mode if the password is not entered within 10 seconds.

Note

In the program mode,

– If LED nos. 1, 2 and 3 flash → Program code entry standby mode
– If LED nos. 4, 5 and 6 flash → User code or group code entry standby mode
– If LED nos. 7, 8, and flash → User data entry standby mode
– To return to the higher menu → Press the **[*] button**.
– Please refer to the error code list (page 34) in case an error is generated.

3. Terminating the Program

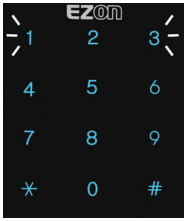
or

To terminate the program mode, press the **[Register] button** on the indoor unit or the **[Wake Up] button** on the outdoor unit.

Changing the Master Password (Code 10)

A master password can be 4~12 digits. Attention must be paid to security since there is no control in doorlock configuration as well as user data registration and removal must be after authenticating the master password. Please register a new master password after initializing the doorlock.

1. Entering the Code in the Program Mode



Toot, Toot

When 1, 2 and 3 flash after the program mode is operated, enter the code 10 and press the **[*] button.**

2. Entering the Previous Master Password

When LED numbers 7, 8 and 9 flash, enter the previous master password and then press the **[*] button.**

- Valid Entry: 'Toot toot' sound activates.
- Invalid Entry: 'Toot~~ toot, toot' sound activates and program mode returning to code entry standby.

3. Entering a New Master Password

Valid Entry: "Too~~t, toot, toot"
Failed: "Toot~~, toot, toot"

Enter the new master password and press the **[*] button.**

- Entered password is displayed on the keypad in the same order and saved. The unit then turns into the standby mode of program code.
- It is recommended to use the password of at least 6 digits for the security reason (use of 0~9 numeric codes).

4. Checking New Master Password Operation

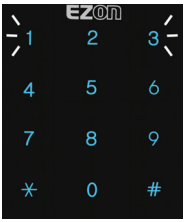
Terminate the program mode and restart the unit to check if the master password is properly changed.

- Please refer to 'Program Mode' (page18).

Registering the User Password (Code 20)

The user password can be 4~12 digits. Up to 250 codes can be registered, including the card registration.

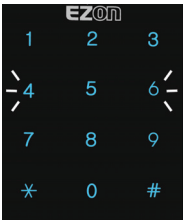
1. Entering the Code in the Program Mode



Toot, toot

When the LED numbers 1, 2 and 3 flash after the program mode is run, press the code 20 and then the **[*] button.**

2. Entering the User Code



Toot, toot

When the LED numbers 4, 5 and 6 flash, press the user code (1~250) and then the **[*] button.**

- Valid Entry: The 'toot, toot' sound is activated, and the mode is turned into the password entry standby mode.
- Invalid Entry: The 'toot~~ toot, toot' sound is activated, and the mode is turned into the program code entry standby mode.

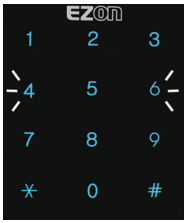
3. Entering the User Password

Valid Entry: "Too~~t, toot, toot"
Failed: "Toot~~, toot, toot"

When the LED 7, 8 and 9 flash, enter the user password and then the **[*] button.**

- Entered password is displayed on the keypad in the same order and saved. The unit then turns into the user code standby mode.
- It is recommended to use the password of at least 6 digits for the security reason (use of 0~9 numeric codes).

4. Registering an Additional Password (optional)



Toot, toot

When the LED numbers 4, 5 and 6 flash after the password is saved, repeat the steps 2 and 3 within 10 seconds to register the additional passwords.
(The program mode is automatically terminated when there is no key entry within 10 seconds.)

– To terminate the program mode without registering the additional password, press the **[Register] button** on the indoor unit or the **[Wake Up] button** on the outdoor unit.

5. Checking New Password Operation (from outside)

Check if the new password is successfully registered by opening the door using it and close the door.

– Please refer to 'Opening the Door from Outside with a Password or a Card' (page 14).

Caution

– Check the new password registration with reference to 'Opening the Door from Outside with a Password or a Card' (page 14).
– Manage your password with care so that unauthorized people will not have access to it. Regular changing your password can reduce the risk of it being disclosed.

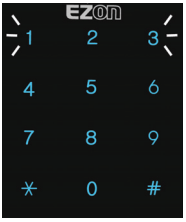
Registering the Temporary Password (Code 30)

A temporary password can be registered for one time use. The registered temporary user code and password are deleted after a single use.

Note

– A temporary password cannot be in the administrator group.
  Therefore, the temporary password should be registered in the user code 11 ~ 250.
– A temporary password can be used only once.

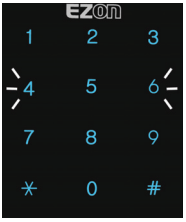
1. Entering the Code in the Program Mode



Toot, toot

When the LED numbers 1, 2 and 3 flash after the program mode is run, press the code 30 and then the **[*] button.**

2. Entering the User Code



When the LED numbers 4, 5 and 6 flash, press the user code (1~250) and then the **[*] button.**

– Valid Entry: The 'toot, toot' sound is activated, and the mode is turned into the password entry standby mode.
– Invalid Entry: The 'toot~~ toot, toot' sound is activated, and the mode is turned into the program code entry standby mode.

3. Entering a Temporary Password

Valid Entry: "Too~~t, toot, toot"
Failed: "Toot~~, toot, toot"

When the LED numbers 7, 8 and 9 flash, enter the temporary password and then the **[*] button.**

– Entered password is displayed on the keypad in the same order and saved. The unit then turns into the user code standby mode.
– It is recommended to use the password of at least 6 digits for the security reason (use of 0~9 numeric codes).

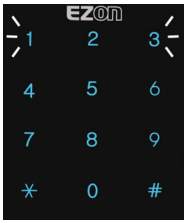
4. Entering an Additional Temporary Password (optional)

When the LED numbers 4, 5 and 6 flash after the password is saved, repeat the steps 2 and 3 within 10 seconds to register the additional passwords.
(The program mode is automatically terminated when there is no key entry within 10 seconds.)

Registering the User Card (Code 40)

Either the card enclosed in the product package or ISO 14443 A Type can be registered.
User care up to 250, including the passwords, can be registered.

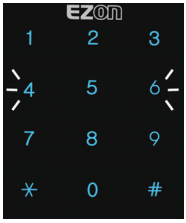
1. Entering the Code in the Program Mode



Toot, toot

When the LED numbers 1, 2 and 3 flash after the program mode is operated, press the code 40 and then the **[*] button.**

2. Entering the User Code



When the LED numbers 4, 5 and 6 flash, press the user code (1~250) and then the **[*] button.**

- Valid Entry: The 'toot, toot' sound is activated, and the mode is turned into card entry standby mode.
- Invalid Entry: The 'toot~~ toot, toot' sound is activated, and the mode is turned into the program code entry standby mode.

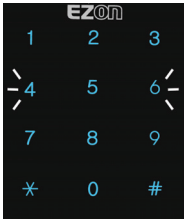
3. Placing the Card

Too~~t, toot, toot

When the LED numbers 7, 8 and 9 flash, place the card to the card reader on the outdoor unit. The card is registered after the sound of 'Too~~t, toot, toot'.

– The unit turns into the user code entry standby mode.

4. Registering an Additional Card (optional)



Toot, toot

When the LED numbers 4, 5 and 6 flash, repeat the steps 2 and 3 within 10 seconds to register the additional cards.

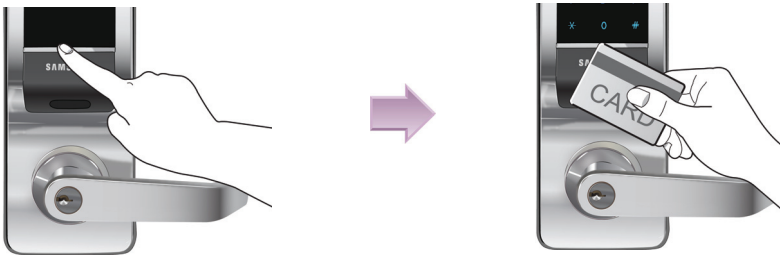
(The program mode is automatically terminated when there is no key entry within 10 seconds.)

– To terminate the program mode without registering an additional card, press the **[Register] button** on the indoor unit or the **[Wake Up] button** on the outdoor unit.

5. Checking Card Registration (from outside)

Press the **[Wake Up] button** on the outdoor unit and place the registered card on the card reader.

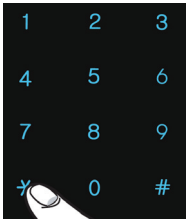
– Please refer to 'Opening the Door from Outside with a Password or a Card' (page 14).



User Code Activation/Deactivation/ Deletion (Code 50~55)

It is the function to activate/deactivate/delete the registered user codes individually or in groups.
It temporarily allows or disallows the entrance of a particular user or group.

1. Entering the Code in the Program Mode

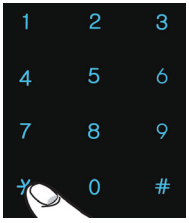


Success: "Too~~t"
Failure: "Toot~"

When the LED numbers 1, 2 and 3 flash after the program mode is operated, press one of the following codes and then press the **[✱] button.**

- Individual Deletion: 50
- Individual Activation: 51
- Individual Deactivation: 52
- Group Deletion: 53
- Group Activation: 54
- Group Deactivation: 55

2. Entering the User Code or Group Code



Success: "Too~~t"
Failure: "Toot~"

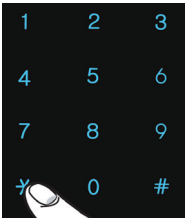
When the LED numbers 4, 5 and 6 flash, enter the user code or group code and then press the **[✱] button.**

- 50~52 entered in step 1
  : Enter the user code
- 53~55 entered in step 1
  : Enter the group code

Entrance Control Setup (Code 60~63)

The entrance control can be set up or released to the registered user codes individually or in a group.

1. Entering the Code in the program mode



Success: "Too~~t"
Failure: "Toot~"

When the LED numbers 1, 2 and 3 flash after the program mode is run, press one of the following codes and then press the **[*] button.**

- Entrance control release by individual user: 60
- Entrance control setup by individual user: 61
- Entrance control release by group: 62
- Entrance control setup by group: 63

2. Entering the User Code or Group Code

Success: "Too~~t"
Failure: "Toot~"

When the LED numbers 4, 5 and 6 flash, enter the user code or group code and then press the **[*] button.**

- 60~61 entered in step 1
  : Enter the user code
- 62~63 entered in step 1
  : Enter the group code
- In case of entrance control release (code 60 or 62), step 2 completes the process.

3. Setting up the Entrance Control Start Time/End Time

Success: "Too~~t"
Failure: "Toot~"

When the LED numbers 7, 8 and 9 flash, enter the entrance control start time and end time in that order and then press the **[*] button.**

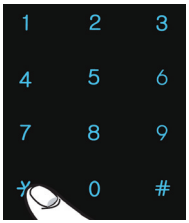
Ex) Entrance control start time: 10:00 PM
Entrance control end time: 08:30 AM
=> Code Entry: 22000830

Additional Functions

Setting up and Releasing the Passage Mode (Code 70/71)

The Passage function allows free entrance and exit of the people by maintaining the door unlocked. It is a convenient when the free access is needed.

Entering the code in the program mode



Valid Entry: "Too~~t"
Invalid Entry: "Toot~~"

When the LED numbers 1, 2 and 3 flash after the program mode is operated, press one of the following codes and then press the **[*] button**.

- Passage mode release: Code 70
- Passage mode setup: Code 71

Note

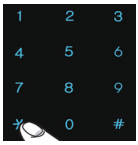
- In Passage mode, the doorlock does not operate until the **[Register] button** on the indoor unit is pressed or PC connection mode is run.
- The Passage mode is set when the door is opened after the outdoor unit handle is turned without any keypad entry or card contact.

Caution

- Please pay attention to security when in the Passage mode, since the door is not automatically locked when it is closed.

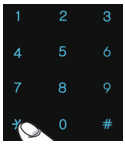
Setting up Current Time

Since the current time is used to set up the entrance control as well as to record the entrance/exit history, it must be set up at least once after the product is installed.



Toot, toot

When the LED numbers 1, 2 and 3 flash after the program mode is operated, press code 80 and then the **[*] button**.

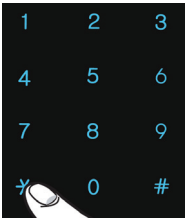


Valid Entry:
"Too~~t, toot, toot"
Invalid Entry:
"Toot~~, toot, toot"

Enter the year, month, day, hour and minute in two digits each for total of 10 digits and then press the **[*] button**.
Ex) 2009/03/16 01:45 PM => Enter 0903161345

Setting up and Releasing the Random Security Function (Code 90~95)

It lights up a series of random numbers on keypad so that the lighted numbers must be all touched before the password is entered. The feature can enhance the doorlock security.



Valid Entry: "Too~~t"
Invalid Entry: "Toot~"

When the LED numbers 1, 2 and 3 flash after the program mode is operated, enter the code 90~95 and then press the **[*] button.**

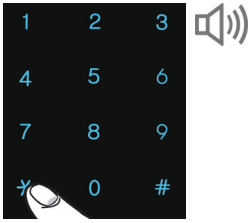
- 90: Release
- 91: 1 random number displayed
- 92: 2 random numbers displayed
- 93: 3 random numbers displayed
- 94: 4 random numbers displayed
- 95: 5 random numbers displayed

Setting up and Releasing the Sound (Code 00~03)

This function allows setting up the sound activated when the keypad is pressed or the door is locked or unlocked.

Setting up the sound function

Default setting is to activate all sound levels (3 sound level setting).



When the LED numbers 1, 2 and 3 flash after the program mode is operated, enter the code 00~03 and then press the **[*] button.**

- 00: No sound
- 01: Level 1
- 02: Level 2
- 03: Level 3

Sound Function Operation

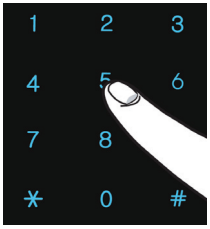
- **[00] Button**: No sound is activated (except the warning sound).
- **[01]~[03] Button**: All sounds are activated. The sound volume gets higher as the level increases.
- The level is set at level 3 after initialization.
- In program mode, the level 3 sound is activated regardless of the sound setting.
- Sound setting and release are enabled only when the door is opened.
- The sound of the outdoor unit is set at the optimum level.

Warning Sound/Alarm Sound

Warning Sound Activated (prevention of mischief behavior)

It is a function of activating the warning sound and deactivating the unit in case the doorlock is improperly operated from outside.

Password and Card Authentication Error



Toot~ toot~
(Activated 20 times)

or

Case of using invalid master password, user password or card for 5 times in a row
(A warning sound is activated, and the doorlock becomes deactivated for 3 minutes. The "toot" sound is activated every 10 seconds while the unit is deactivated, and the unit becomes operational again with "toot, toot, toot, toot, toot" sound after one minute.

Releasing the Warning Sound

[From Inside]

Press the **[Register] button** on the indoor unit.

[From Outside]

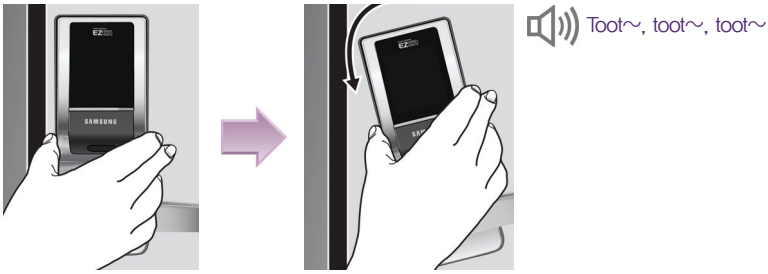
or

Enter a valid password or place the card on the card reader. Press the **[*] button.**
(Releasing of the warning sound is allowed only within 10 seconds from the warning sound.)

Releasing the Alarm

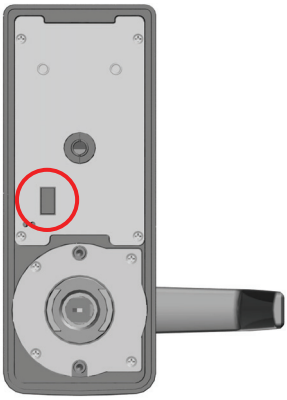
It is the function of activating the emergency alarm when the outdoor unit of the installed doorlock is forcefully separated.

Intrusion Detection Operation



If the outdoor unit is forcefully separated, the alarm sound “toot~, toot~, toot~” is continuously activated.

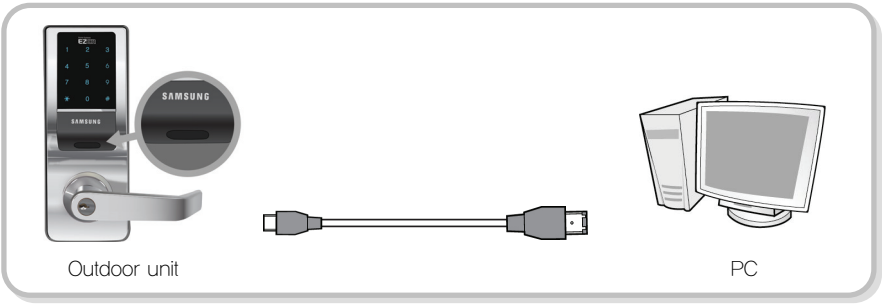
Releasing the Intrusion Detection Alarm Sound



The alarm sound is released when the micro switch inside the outdoor unit is pressed.

PC Connection

Connect the USB cable (A–B Type) to the USB adapter on the outdoor unit and turn the unit into the PC registration mode. In this mode, all user data registered in the doorlock can be downloaded or uploaded.



Initialization

All registered administrator and user data are deleted, and the unit is reset default setting.

Note

– After the doorlock is initialized, register a new master password.

1. Separate the inside doorlock unit and press the **[Initialize] button** located inside.

2. Enter a master password or '1470852369'and then press the **[✱] button.**

Default doorlock setting after initialization

Function/Set Value	Description	Page
Master Password	1234	19
Volume	3 levels	30
Passage Mode	Released	29
Current Time	Not initialized	29
Random Security	Released	30

Troubleshooting

Check the following first if the product does not operate properly.
Contact the nearest service center if the problem remains unsolved.

Power

Problem	Resolution	Reference
No power is supplied.	– Check if the batteries are OK or if they are inserted with the poles in the right places. – Check if the batteries are properly inserted or whether they are completely discharged.	Page 11~12

Master Password and User Password/Card

Problem	Resolution	Reference
The master password cannot be changed.	– It is the case of delayed keypad entry when a new master password is registered. The keypad must be lighted when entering the password. There must be keypad activities within 5 seconds of last entry. – Replace the batteries if they are discharged. – Repeat the procedure again, referring to "Master Password Change" in the user guide.	Page 19
The user password/card cannot be registered.	– If the card or password is already registered for a user code, change the user code and then register the password or card. – A password must be 4~12 digits for registration. – Use a valid card that can be registered.	Pages 20~21 Pages 23~24
The doorlock is not unlocked even after the valid password is entered and the **[*] button** is pressed.	– Check that the registered password has been correctly entered. – If number buttons are not illuminated while the password is being entered, then the entry will not be accepted. Reenter the password from the beginning when the number pad is illuminated after touching the **[Wake Up] button**. (The light on the number pad is automatically turned off if an entry is not initiated within 5 seconds.) – Check if there is the entrance control time set. Release it if it is set. (Please refer to 'Entrance Control Setup'.)	Page 14
The door cannot be unlocked with the card.	– It may be the unregistered card. Register the card and try again. – The card must be properly placed on the card reader.	Page 14

Passage Mode

Problem	Resolution	Reference
The doorlock is not automatically locked.	– Check if the Passage mode is set up. The mode is set if the door is locked when the handle on the outdoor unit is turned without any keypad entry. – The doorlock is improperly installed if it is not automatically locked while the Passage mode is released. Please contact s Digital Doorlock reseller and have it reinstalled.	Page 27

Warning Sound

Problem	Resolution	Reference
Strange boozer sound (For Elise) keeps being activated when operating the doorlock.	It is the warning sound indicating the batteries must be replaced. Replace them with the new ones within a week.	Page 11

Error Code List

The following table shows the type of errors occurred when the invalid keypad entry is made in the program mode.

Error Code	Error Description	Note
1	Late key entry	A program code is a 2–digit numeric value. – 10, 20, 30, 40, 50, 51, 52, 53, 54, 55, 60, 61, 62, 63, 70, 71, 80, 90, 91, 92, 93, 94, 95, 00, 01, 02, 03. Other codes generate an error.
2	Unregistered password or card being authenticated	
3	Input keypad entry out of valid range	
4	Invalid code entry (program code, user code or group code)	
5	Already registered user code	
6	Unregistered user code	
7	Invalid date and time entry	
8	Already registered user code (new registration)	

User Code Registration Table

User Code	Password (4~12 digits)	User Name

Product Specification

Item	Specifications	
Voltage	When using a battery This product accepts 1.5V AA Size battery only(5EA, 7.5V) When using an external power supply This product accepts our genuine accessory, SHT-PS1250X. For more product information, please contact Seoul Commtech.	
Emergency Power Source	9V Battery (6LF22) (Separately purchased)	
Operation Method	Electronic Control Method (Password entry or card reading)	
Weight	2.2Kg (including both indoor and outdoor units)	
Product Dimensions	Outdoor Unit	86 mm(W)×222 mm(H)×69 mm(D) (3.39 inch(W)×8.74 inch(H)×2.72 inch(D))
	Indoor Unit	86 mm(W)×222 mm(H)×69 mm(D) (3.39 inch(W)×8.74 inch(H)×2.72 inch(D))

The content of this manual is subject to change without prior notice to the user in order to enhance performance of the product.

FCC NOTICE

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION : Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

MEMO

MEMO