Premium Digital Locker Lock

LF24-PL

User Guide

OK DIGITAL

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Strong Points

Password type digital locker lock LF24-PL

Handle type front (trivalent chromium plated)

Intuitive pop-up in-use indicator (patented)

Pickproof deadlatch mechanism (patented)

Public mode, private mode

Timer auto-unlock function in public mode

Master & user password

Imaginary number function

Five level volume control

Magnetic sensing auto-locking, self-locking

Lock freezes 30 seconds after 5 times wrong entry

Strong warning alarm when forced opening

Low battery alarm ("little star" melody)

USB-C emergency power port

Keypad backlight (except white front)

Safety Instructions
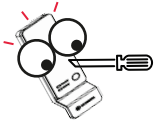
Do not disassemble or modify the product.

Do not wipe with flammable liquid such as alcohol, benzene, thinner.
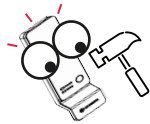
Do not give excessive impact to the keypad.

Do not mix new and used battery.

Be careful not to let water or liquid into the product (indoor use only).

Keep away from flame or excessive heat.

Replace the battery if there is a leak.

Be sure to change the default master code and user code. Take care of managing the code and do not forget.

Package included & Specification

① ② ③ ④ ⑤

⑥ ⑦
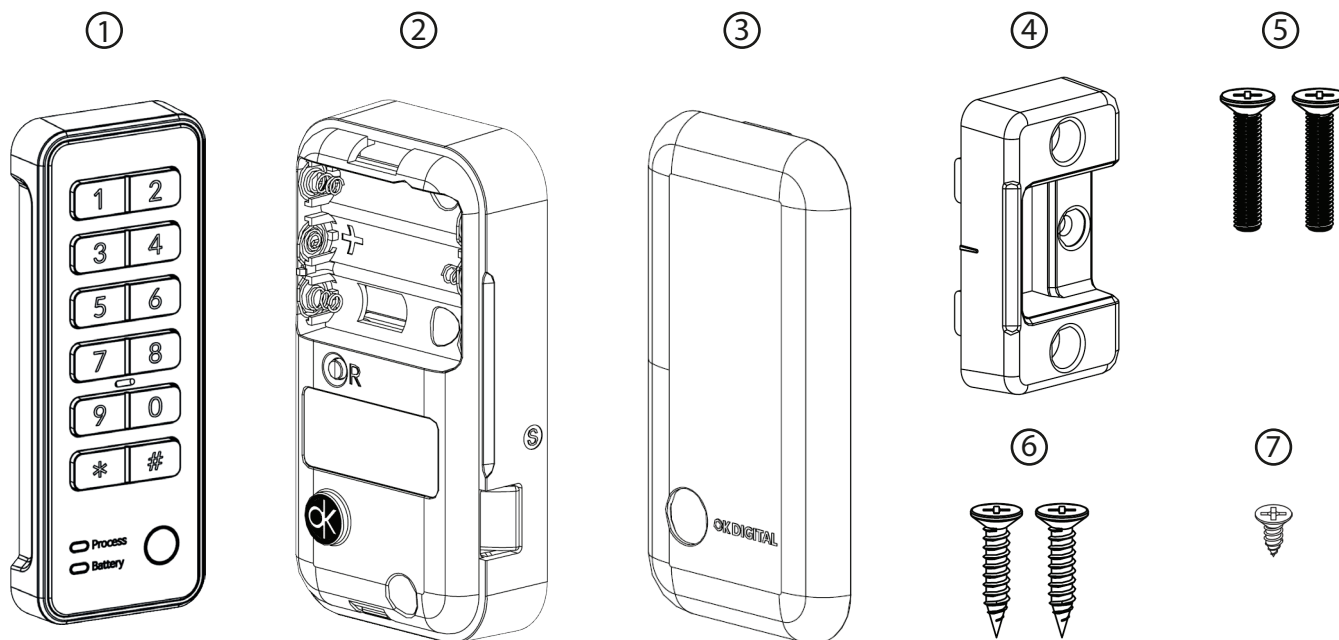
	Item	Description	Q'ty
①	Front	44 x 114.8 x 14.2 mm	1 pc
② ③	Rear Battery cover	66 x 125 x 30 mm	1 pc
④	Strike	35 x 65 x 15 mm	1 pc
⑤	Bolt	M4 for assemble front & rear	2 pcs
⑥	Screw	M4 x 20 for Strike	2 pcs
⑦	Screw	M3 x 8 for Battery Cover	1 pc

Product Specification	
Model No.	LF24-PL
Power Source	AA 1.5V Battery 3 pcs
Material	Diecasting, PC, ABS
Authentication	4 to 12 Digit Password (Master, User)
Color	Front : Black, White Rear : Black
Safety Approved	KC, CE, RoHS
Installable Door Thickness	10 mm (M4 x 12 mm bolts, need to cut-out extrusion part of the rear) 15 mm (M4 x 16 mm bolts) 18 - 20 mm (M4 x 20 mm bolts, included) 25 mm (M4 x 25 mm bolts)

User Guide

Part Names

Keypad

Punching hole point for emergency opening by force

Side Handle

USB-C Emergency Power Port

Process Status LED

Battery LED

In-use Indicator

(FRONT)

Battery Cover

Battery

Reset Button

Model   LR21-*LOABKBK_B
Lot NO   OD21L01 V2.0
Power   AA 1,5V X 3
Mfg.   (주)오케이디지털
A/S   1577-5351

OK DIGITAL   Made in Korea

Deadlatch

Opening Button

(REAR)

User Guide
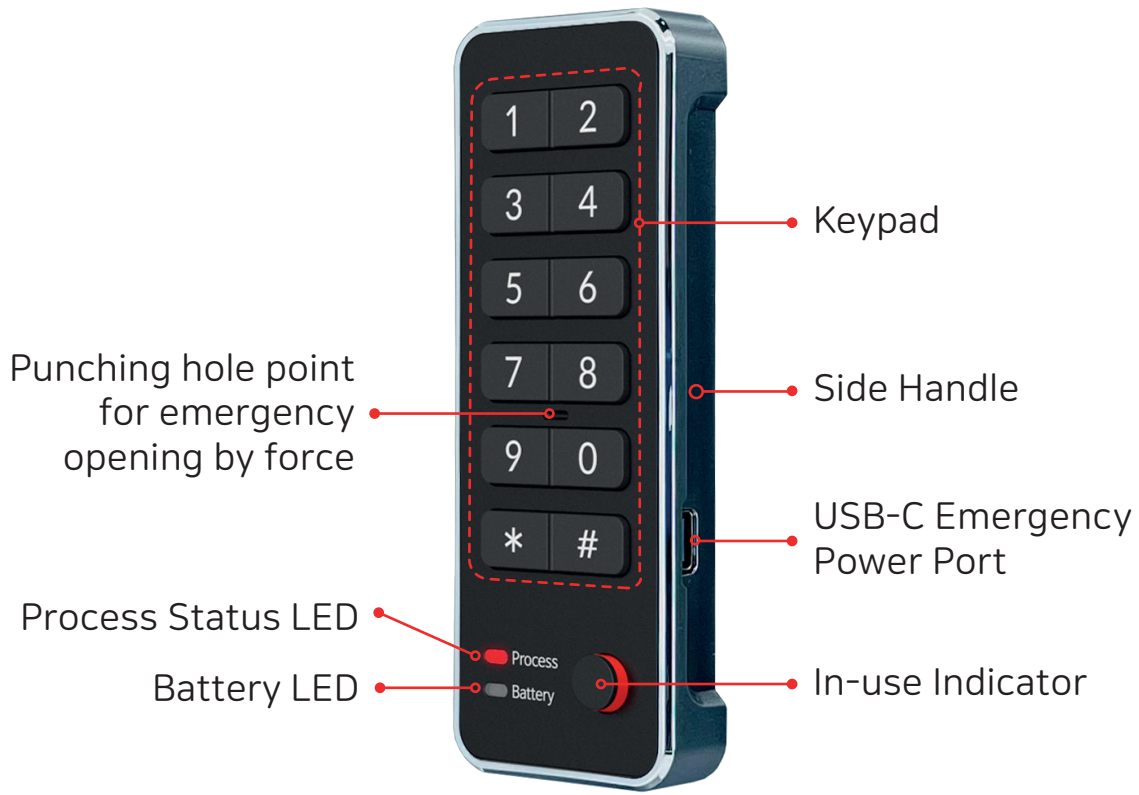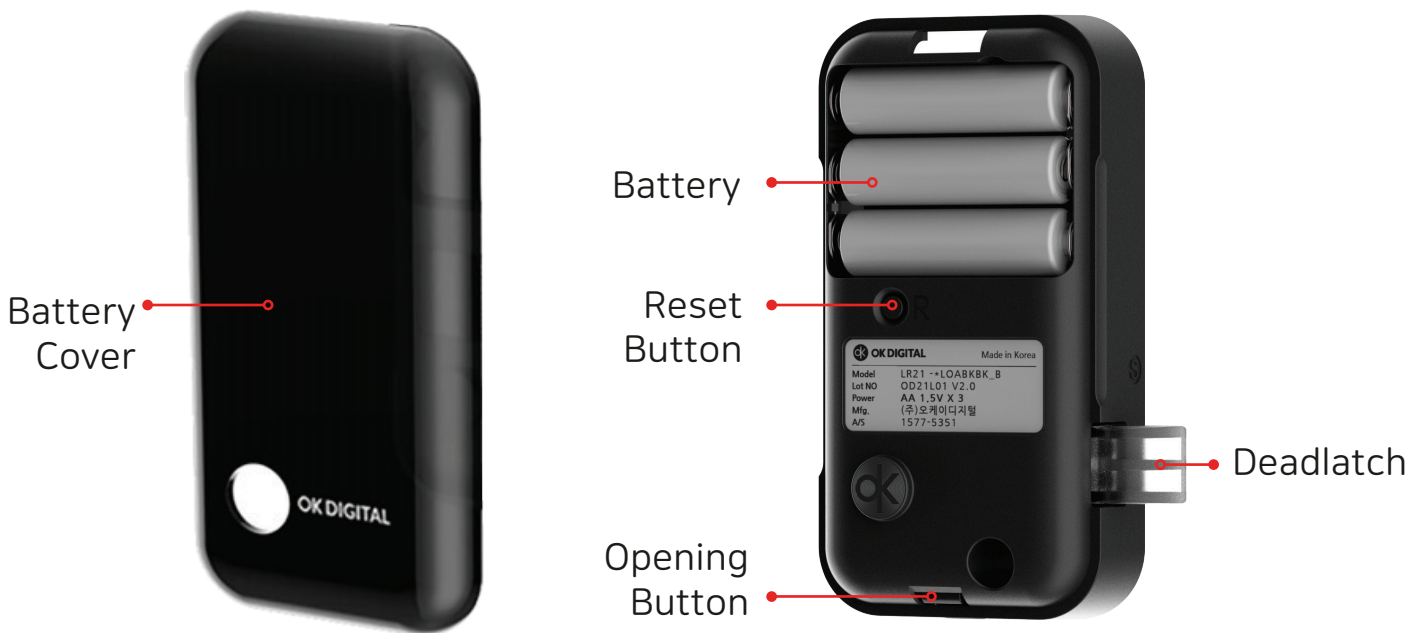
Management Levels

Level	Functions

Master Password	● 4 to 12 digit
	● Factory default setting : 5351
	● Imagionary number function
	● Register user code for private mode
	● Unlock when forget user code
	● Precautions
	
	  1. Unlock and the user code will be deleted right after using master code.
	  2. Change factory default master code.
	  3. Please take care of using master code and change it immidiately when exposed.

User Password	● 4 to 12 digit ● Factory default user code in private mode : 1111 ● Imaginary number function

Function Table

Function	Key Number (Press for 4 seconds to change, except timer auto-unlock)	Beep Sound	LED (Process)	Factory Default
Private Mode	Master Code → 0	B- ⎺	▬ 3 times	
Public Mode	Master Code → 1	BB ⎍	▬ 4	Public
On/Off Beep Sound	2	On : B- ⎺ Off : BB ⎍	▬ 3 ▬ 3	On
Timer Auto-unlock	Master Code → "10"	B- ⎺	▬▬▬▬ (for 8 seconds)	Off
On/Off Imaginary	6	Off : B- ⎺ On : BB ⎍	▬ 3 ▬ 3	Off
Beep Volume (1-5 levels)	1 + # Up : # Down : ∗			4th level

Setting Functions

Change the user code mode from "Public" to "Private".

● "*" → master code → "*" → "0" for 4 seconds (changed to "private mode" with a melody.)

| * | 5 3 5 1 | * | 0 | Melody | Changed to "Private" (automatically locked with default code "1111") |

master code — 4 seconds
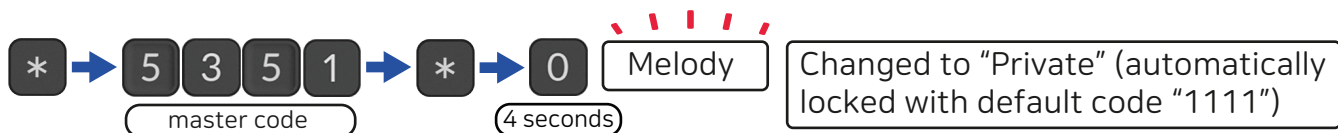
● Unlock the lock and close the door before changing the mode.

Change the user code mode from "Private" to "Public"

● "*" → master code → "*" → "1" for 4 seconds (changed to "public mode" with a melody.)

| * | 5 3 5 1 | * | 1 | Melody | Changed to "Public" (Remain unlocked until enter a user code) |

master code — 4 seconds
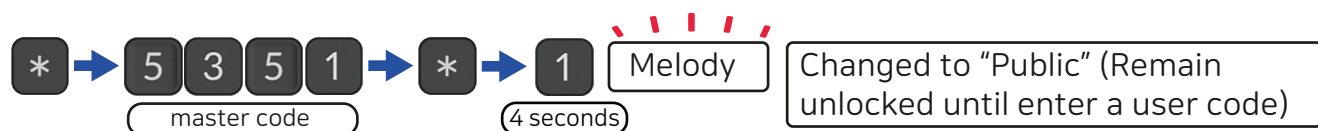
● Unlock the lock and close the door before changing the mode.

Change the beep sound on or off

● Press "2" for 4 seconds → changed to "on" or "off".

2 → Changed

4 seconds

● Warning alarm will remain active even if "off" the beep.

Adjust volume of the beep sound

● Press "1" and "#" at the same time for 4 seconds → press "#" to increase and press "*" to decrease the volume. (5 levels)

1 # → Melody → # Increase
4 seconds → * Decrease

Imaginary function On / Off

● Press "6" for 4 seconds → changed to "on" or "off".

6 → Melody → Changed

4 seconds

User Guide
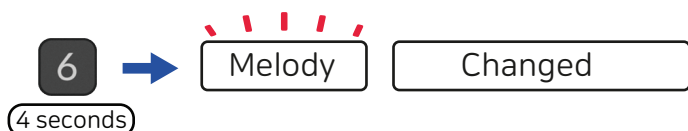
Check Current Setting

How to check current settings

● Press "2" and "#" buttons at the same time. Possible to check the status when locked.

Setting	Status LED Color
Private Mode	Red 🔴
Public Mode	Green 🟢
Public Mode Timer Auto-unlock	Yellow 🟡

Public Mode

How to use User Code (public mode, imaginary function - off)

(Use "4 digit only mode)
● Locking with any 4 digit code and use same code for unlocking.

[1] [2] [3] [4] ➡ Lock ➡ [1] [2] [3] [4] ➡ Unlock
　any 4 digit code　　　　　　　　 same code

(Use 4-12 digit code)
● Locking : Press "#" → enter 4 to 12 digit code → Press "#"
● Unlocking : Same as locking.

[#] ➡ [1] [2] [3] [4] [5] ➡ [#] ➡ Lock
　　　　4 to 12 digit code

[#] ➡ [1] [2] [3] [4] [5] ➡ [#] ➡ Unlock
　　　　same code
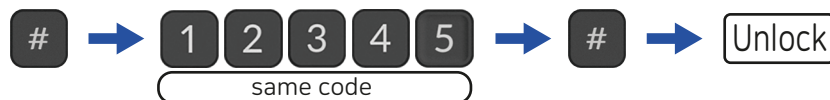
● In public mode, remain unlock and wait for next user. User code will be erased after use.
● If the door is not opened after unlock with the code, it will be locked again after 5 seconds and the user code won't be erased.
● Public mode is useful when the user changed frequently, such as golf ranges.

How to use User Code (public mode, imaginary function - on)

- Locking : Press "#" → enter 4-12 digit code → Press "#"

| # | → | 1 2 3 4 5 | → | # | → | Lock |

4 to 12 digit code
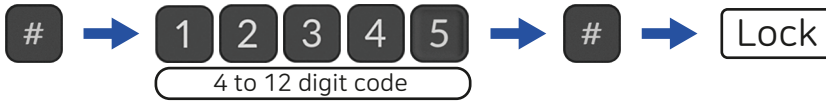
- Unlocking : Press "#" → Imaginary code(any digit) → enter the registered code → Press "#"

| # | → | 8 5 3 ... | 1 2 3 4 5 | → | # | → | Unlock |

imaginary code   registered code

- If imaginery code is used, need to press "#" always after enter the user code. Cannot use "4 digit only mode".

Timer Auto-unlock

How to use Timer Auto-unlock Function (public mode only)

- Setting auto-unlock timer for 1 to 24 hours :
Press "*" → enter master code → press "*" → press "10" → press "*" → enter desired auto-unlock timer "01" to "24" → press "*"

| * → | 5 3 5 1 | → * → | 1 0 | → * → | 0 1 | → * | Timer auto-unlock is set to 1 hour

master code   timer 01 to 24 hours

| * → | 5 3 5 1 | → * → | 1 0 | → * → | 1 7 | → * | Timer auto-unlock is set to 17 hours

master code   timer 01 to 24 hours
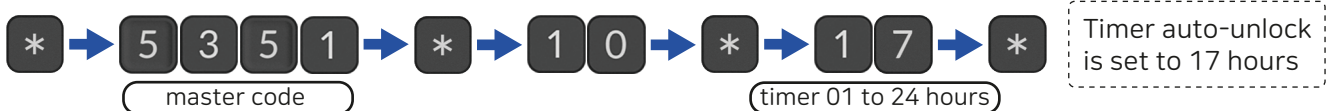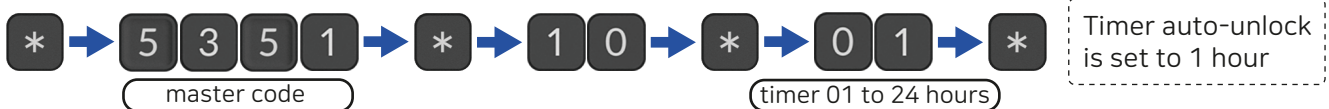
- Disable timer auto-unlock function : Enter "00" for timer to disable the function.

| * → | 5 3 5 1 | → * → | 1 0 | → * → | 0 0 | → * | Disabled timer auto-unlock function

master code   "00" to disable
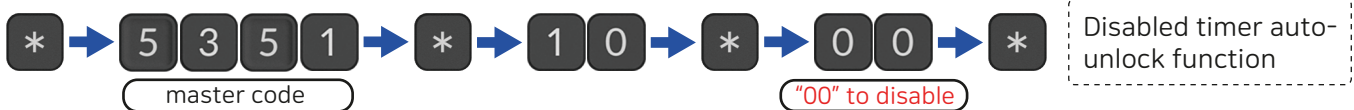
- Lock should be set for Public mode before use Timer Auto-unlock.
- Lock can be configured to auto-unlock for 1 to 24 hours. Tolerance ±20 minutes.

Private Mode

How to use User Code (private mode, imaginary function - off)

(Use "4 digit only mode")
- Will be locked when close the door. Use registered code to unlock.

Locked when close the door ➡ [1] [2] [3] [4] ➡ Unlock
registered user code

(Use 4-12 digit code)
- Locking : It locks automatically when close the door.
- Unlocking : Press "#" → enter 4-12 digit code → Press "#"

Locked when close the door

[#] ➡ [1] [2] [3] [4] [5] ➡ [#] ➡ Unlock
registered code

- Private mode is useful if the user is fixed such as membership locker.

How to use User Code (private mode, imaginary function - on)

(Use 4-12 digit code)
- Locking : Locked when close the door.
- Unlocking : Press "#" → enter the imaginary code(any digit) → enter the registered code → Press "#"

Locked when close the door

[#] ➡ [8] [5] [3]••• [1] [2] [3] [4] [5] ➡ [#] ➡ Unlock
imaginary code   registered code

- If imaginery code is used, need to press "#" always after enter the user code. Cannot use "4 digit only mode".

Use Master Code

How to use Master Code (if the user code is registered)

(Unlock with master code if forgot the user code.)

● Press "*" → enter registered master code → press "*" → Unlock with warning alarm

| * | → | 5 3 5 1 | → | * | → | Alarm | Unlock |

master code

(If imaginary function is enabled)

● Press "*" → enter any imaginary number → enter the registered master code → Press "*" → unlock with warning alarm

| * | → | 8 5 3 1 7 ... | 5 3 5 1 | → | * | → | Alarm | Unlock |

any digit imaginary number   master code

● Factory default master code is "5351". Please make sure to change it for security.
● The user code is deleted as soon as the master code is used.
● Master code cannot lock, possible to unlock if forgot the user code.
● It will enter into user code registration mode if the user code is not registered.

Change Master Code

How to change the master code

● Press "*" for four seconds → enter current master code → press "*" → enter new master code(4-12 digit) → press "*" (changed the master code)

| * | → | 5 3 5 1 | → | * | → | 5 4 3 2 1 | → | * | Changed |

4 seconds   current master code   new master code

● Need to close the door to change the master code.

Change User Code

Change the user code with master code (private mode)

● Press "*" → enter the master code → press "*" → enter new user code.
Press "#" before and after the user code if it is 5 or more digits.

* → **5** **3** **5** **1** → ***** → **4** **3** **2** **1** → Changed
        master code   new user code

* → **5** **3** **5** **1** → ***** **#** → **5** **4** **3** **2** **1** → **#** Changed
        master code   new user code(4-12 digits)

(Using imaginary number)
● Press "*" → enter any imaginary number → enter the master code → press "*"
→ enter new user code → press "#".

* → **8** **5** **3** .. **5** **3** **5** **1** → ***** → **4** **3** **2** **1** → **#** Changed
        imaginary number   master code   new user code(4-12 digits)

● The user code can be changed if it is unlocked. Need to unlock it with the master code
first if it is locked . (refer to "Using Master Code" on page 10)

Change the user code with user code (public mode & private mode)

● Press "#" for 4 seconds → enter current user code → press "#" → enter new user code
→ press "#".

→ **1** **1** **1** **1** → **#** → **2** **2** **2** **2** **2** → **#** Changed
4 seconds   current user code   new user code(4-12 digits)

(Using imaginary number)
● Press "#" for 4 seconds → enter any imaginary number → enter current user code
→ press "#" → enter new user code.

→ **8** **5** **3** ... **1** **1** **1** **1** → **#** → **2** **2** **2** **2** → **#** Changed
4 seconds imaginary number   current user code   new user code(4-12 digits)

● Cannot use imaginary number when enter the new user code.

Emergency Opening

Emergency opening with minimized damage if the lock does not work at all.
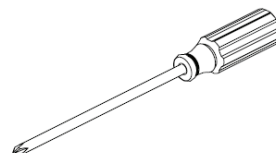
Tools for Emergency Opening
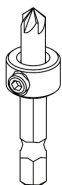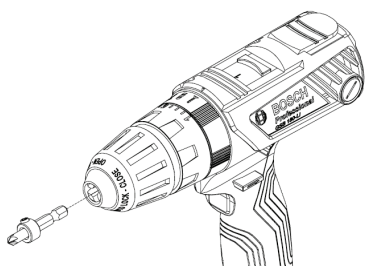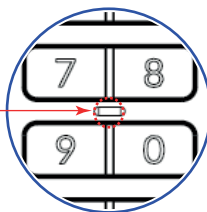
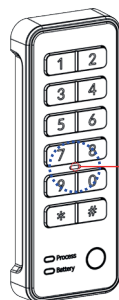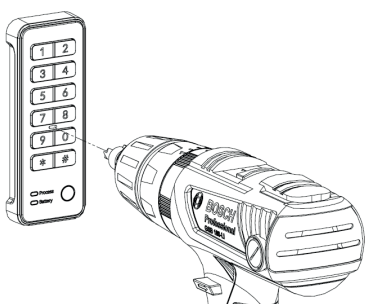Custom Drill Bit (sold separately)　　　Electric Drill　　　"+" Screw Driver

1.

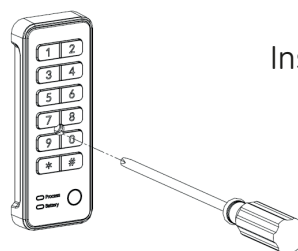Install the drill bit into the electric drill.

2.
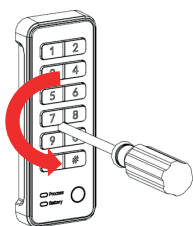
Check the emergency opening point.

3.

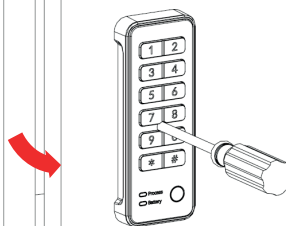Make a hole through the point with electric drill.

4.

Insert the "+" driver into the end of the hall.

5.

Turn the driver to countclockwise.

6.

Open the door.

User Guide

Reset

Return to factory default setting for all functions and master/user codes.

① Press the battery cover button and remove the cover. (align the top part of the cover with rear part and press lower part of the cover to close it.)

② Press the "reset" button below the battery hall for 3 seconds. There will be a beep.

③ All functions and the master code will return to the factory default setting. Be sure to change the default master code for security.

Change Battery

There will be "little star" melody and blinking battery LED when the battery is almost runs out.

Replace the battery with new one. All settings and codes are not changed even if change the battery.

Emergency Power

USB-C Cable

5V Battery

External 5V battery can be used to supply power through USB-C cable if the battery is runs out.

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