



Simplifying *lives.*



e Smart Digital Locks



At the core of security & convenience



RFID Card

Pair / Setup one management card and upto 49 user cards



RFID with Key

Operate with RFID card; manual key override provided for emergencies for Pedestal locks



Password (Numeric lock)

Set an 8-digit Management code along with 6-digit user passcode.



Diverse User Modes

Option for public mode, private mode and auto mode with respective locks



Error Alarm

Activates an 30-second beep in case of incorrect Prefix code or passcode input



Emergency Power Back-up

External power bank and USB cable available for jump-starting in case of internal battery drainage



Applications

Home furniture, office furniture, retail stores, educational institutes, healthcare industry, gyms, etc

ESmart Digital Lock - Cabinet 1P - RFID Code: ESDL-C1P-R



Features:

- Easy to program - no need for software or PC
- Automatic on lock function
- Easy to install.
- For shutter thickness: 15 - 22mm
- Frequency: 125KHz
- Working Current: 180mA-280mA
- Working Temperature: 0°C ~ 40°C
- Working Voltage: 4.5V
- Working Humidity: 20% - 80%
- ABS front case and lock housing

Function Mode :

- Manual close mode
- Automatic close mode
- Public user mode

Function Card :

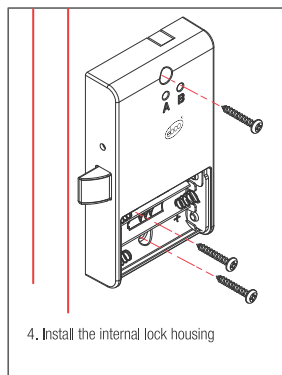
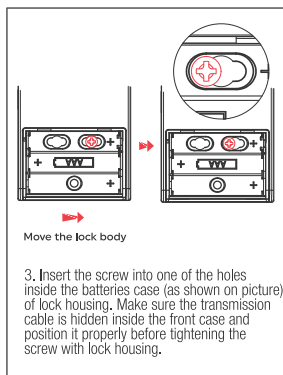
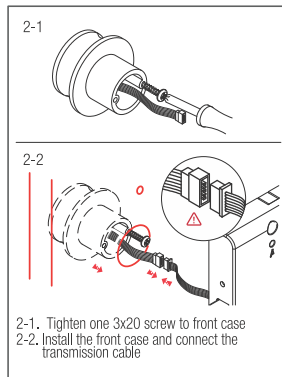
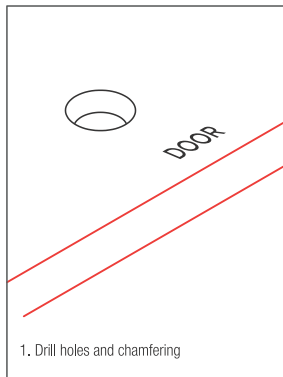
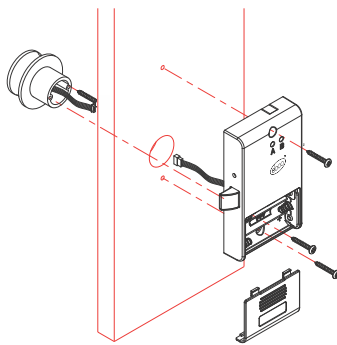
- MANAGEMENT (PROGRAMMING) CARD - is used to create user card
- User card is the key of the lock

The same RF card can be shared by all the locks.

Power Supply :

- 3 standard AAA alkaline batteries (not included)

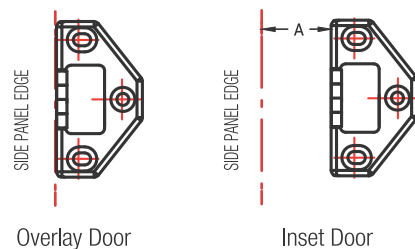
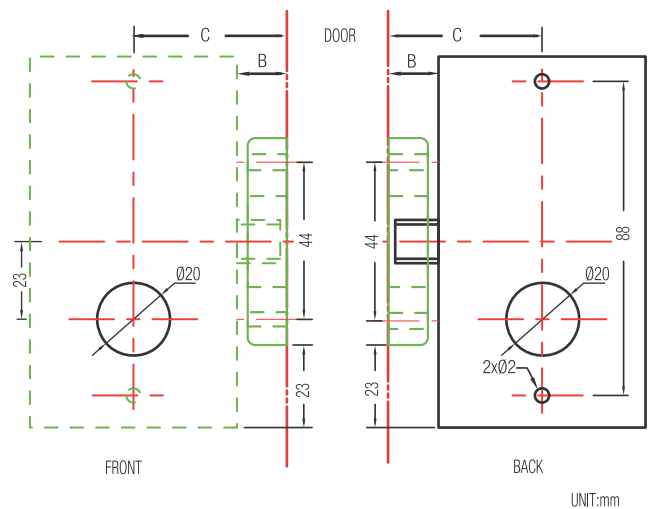
INSTALLATION DIAGRAM



LEFT DOOR

| Code | Inset Door | Overlay Door |
|------|------------|--------------|
| B | 14mm | 14mm+A |
| C | 43mm | 43mm+A |

A= Thickness Of Door



ESmart Digital Lock - Cabinet 1P - RFID Code: ESDL-C1P-R

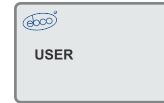
CARD INTRODUCTION

MANAGEMENT CARD (NEED TO SET IT UP FIRSTLY):



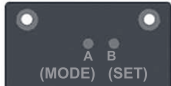
Each lock can set up one management card only. It is mainly for authorizing to set up, delete user card and switch mode. This card can only be used to unlock the door as emergency use when it is under the public mode.

USER CARD (THE KEY OF THE CARD):



The user card is to lock or unlock. It is capable for storing 49 user cards per lock.

BUTTON INTRODUCTION



BUTTON A/MODE: Mode switch button (Swipe the management card first and then short press button "A" to switch the mode.)

BUTTON B/SET: Replace management card and set up the new user card

MODE INTRODUCTION

- **MANUAL-LOCK MODE ("BEEP" SOUND):** Door will stay unlock until user card touch the sensor.
- **AUTO-LOCK MODE ("BEEP BEEP" SOUND):** Door will be locked after 6 seconds.
- **PUBLIC LOCKER MODE (ONE-TIME USE MODE "BEEP BEEP BEEP" SOUND):** When a card is swiped and detect with the card, the door will stay locked until the same card swipes again to unlock. The locker will be available for the next user. Once the management card is swiped to unlock, the registered card will be disable and erased at the same time.

LOW VOLTAGE ALARM

- When the voltage is down to 3.8V, there are red light flash 3 seconds and "beep beep beep beep" warning sound. Swipe the card to unlock the door and still have the alarm sound every hour. Please change new batteries immediately.
- When power is gone, the door latch will not retract automatically. Please take external power supply for emergency use

WARNING

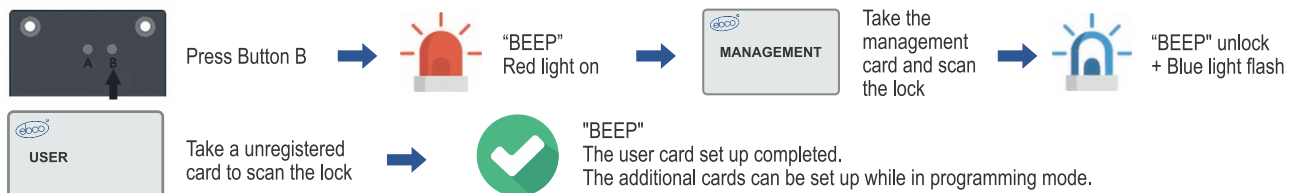
- PLEASE TEST THE LOCK IF IT CAN WORK BEFORE CLOSE THE DOOR
- PLEASE USE NEW AAA ALKALINE BATTERIES
- VOLTAGE INPUT CANNOT BE MORE THAN 6.5V

USER INSTRUCTION **** Please keep door open when set up/ delete the card ** Do not use management card to lock or unlock**

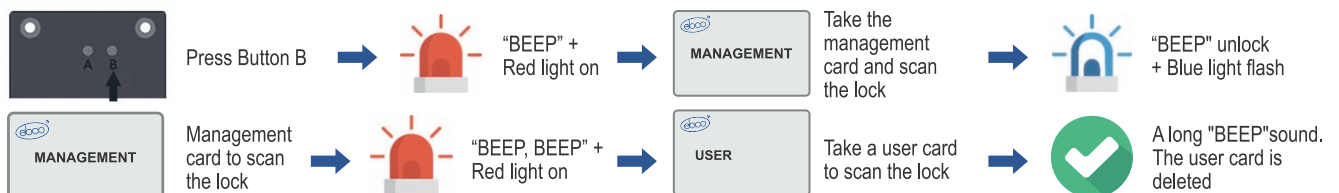
• SET UP / REPLACE MANAGEMENT CARD



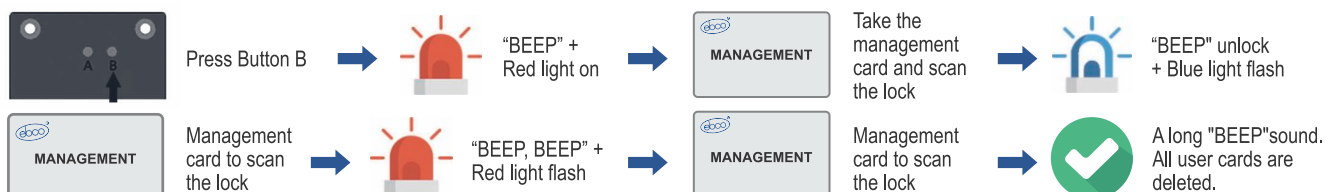
• SET UP A USER CARD



• DELETE AN INDIVIDUAL USER CARD



• DELETE ALL USER CARDS



• UNLOCK



• LOCK



ESmart Digital Lock - Cabinet 2Z - RFID Code: ESDL-C2Z-R



Features:

- Easy to program - no need for software or PC
- Automatic on lock function
- Easy to install. No more physical key
- For shutter thickness: 16 - 25mm
- Frequency: 125KHz
- Working Current: 180mA-280mA
- Working Temperature: 0°C - 40°C
- Working Voltage: 4.5V
- Working Humidity: 20% - 80%
- Zinc Alloy front case and lock housing

Function Mode :

- Manual close mode
- Automatic close mode
- Public user mode

Function Card :

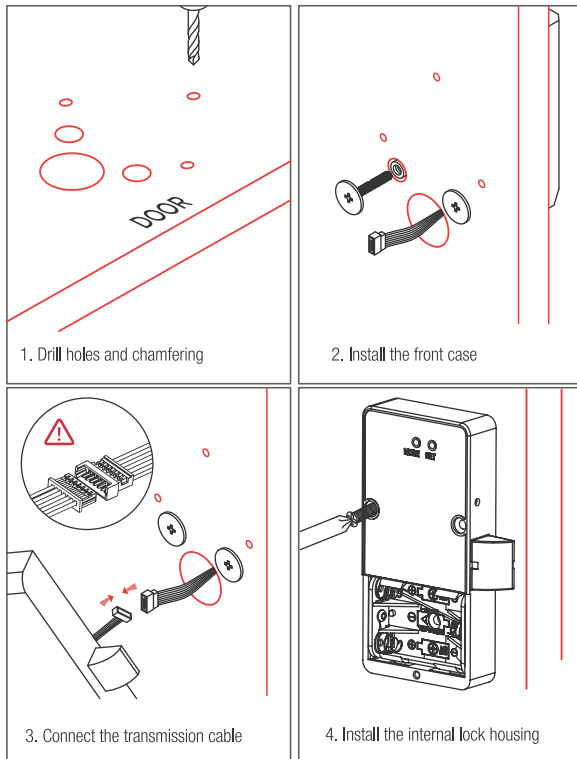
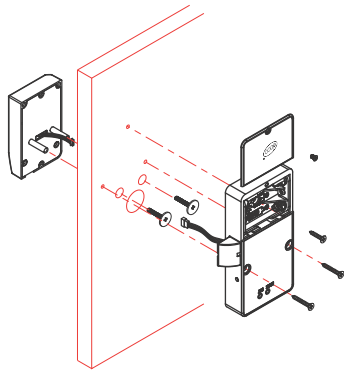
- MANAGEMENT (PROGRAMMING) CARD - is used to create user card
- User card is the key of the lock

The same RF card can be shared by all the locks.

Power Supply :

- 3 standard AAA alkaline batteries (not included)

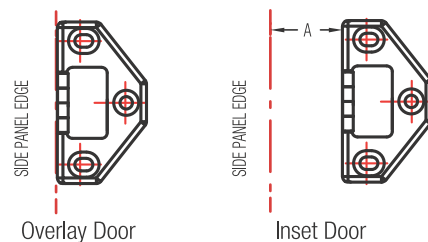
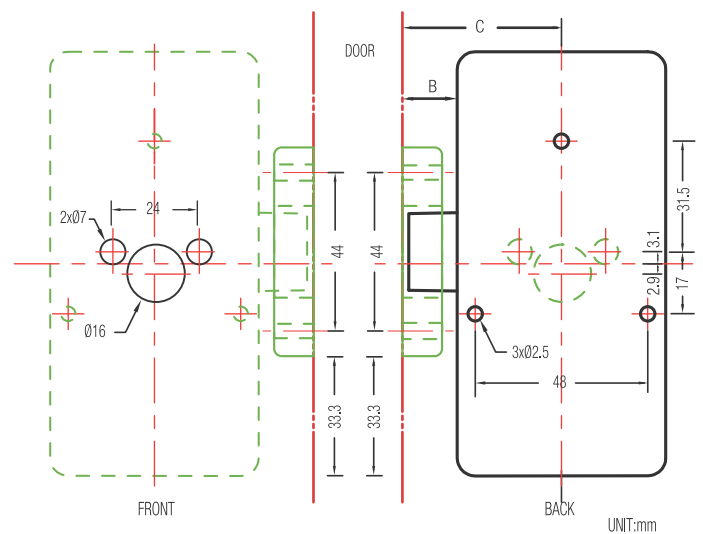
INSTALLATION DIAGRAM



LEFT DOOR

| Code | Inset Door | Overlay Door |
|------|------------|--------------|
| B | 16mm | 18mm+A |
| C | 45mm | 47mm+A |

A= Thickness Of Door



ESmart Digital Lock - Cabinet 2Z - RFID Code: ESDL-C2Z-R

CARD INTRODUCTION

MANAGEMENT CARD (NEED TO SET IT UP FIRSTLY):



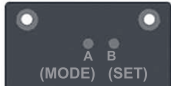
Each lock can set up one management card only. It is mainly for authorizing to set up, delete user card and switch mode. This card can only be used to unlock the door as emergency use when it is under the public mode.

USER CARD (THE KEY OF THE CARD):



The user card is to lock or unlock. It is capable for storing 49 user cards per lock.

BUTTON INTRODUCTION



BUTTON A/MODE: Mode switch button (Swipe the management card first and then short press button "A" to switch the mode.)

BUTTON B/SET: Replace management card and set up the new user card

MODE INTRODUCTION

- **MANUAL-LOCK MODE ("BEEP" SOUND):** Door will stay unlock until user card touch the sensor.
- **AUTO-LOCK MODE ("BEEP BEEP" SOUND):** Door will be locked after 6 seconds.
- **PUBLIC LOCKER MODE (ONE-TIME USE MODE "BEEP BEEP BEEP" SOUND):** When a card is swiped and detect with the card, the door will stay locked until the same card swipes again to unlock. The locker will be available for the next user. Once the management card is swiped to unlock, the registered card will be disable and erased at the same time.

LOW VOLTAGE ALARM

- When the voltage is down to 3.8V, there are red light flash 3 seconds and "beep beep beep beep" warning sound. Swipe the card to unlock the door and still have the alarm sound every hour. Please change new batteries immediately.
- When power is gone, the door latch will not retract automatically. Please take external power supply for emergency use

WARNING

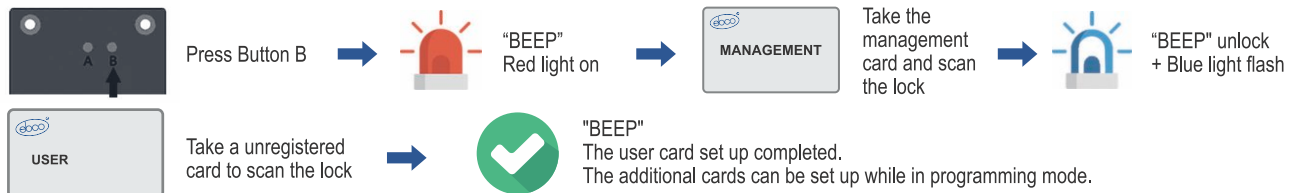
- PLEASE TEST THE LOCK IF IT CAN WORK BEFORE CLOSE THE DOOR
- PLEASE USE NEW AAA ALKALINE BATTERIES
- VOLTAGE INPUT CANNOT BE MORE THAN 6.5V

USER INSTRUCTION **** Please keep door open when set up/ delete the card ** Do not use management card to lock or unlock**

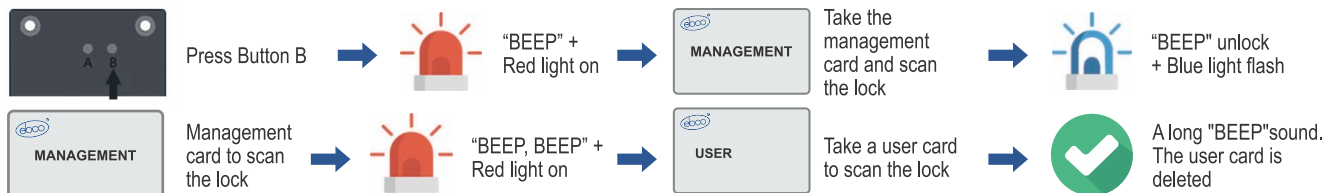
• SET UP / REPLACE MANAGEMENT CARD



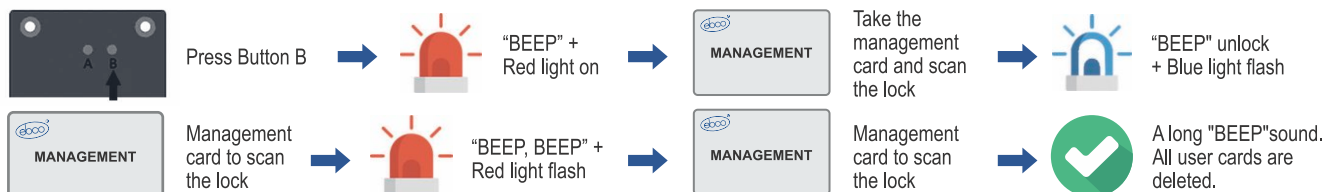
• SET UP A USER CARD



• DELETE AN INDIVIDUAL USER CARD



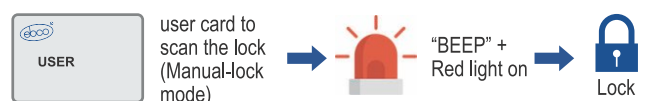
• DELETE ALL USER CARDS



• UNLOCK



• LOCK



ESmart Digital Lock - Pedestal 1Z - RFID Code: ESDL-P1Z-R



Features:

- Easy to program - no need for software or PC
- Easy to install.
- For shutter thickness: Wood (16 - 30mm) and Steel (0.8 - 2mm)
- Frequency: 125KHz
- Working Current: 120mA
- Working Temperature: 0°C - 40°C
- Working Voltage: 4.5V
- Working Humidity: 20% - 80%
- Zinc alloy front case and ABS lock housing

Function Mode :

- Manual close mode

Function Card :

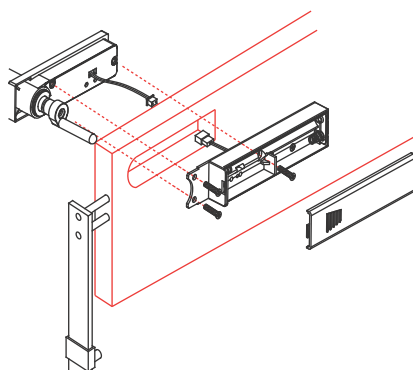
- MANAGEMENT (PROGRAMMING) CARD - is used to create user card
- User card is the key of the lock

The same RF card can be shared by all the locks.

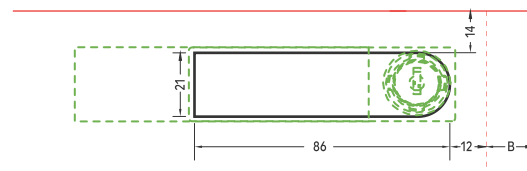
Power Supply :

- 3 standard AAA alkaline batteries (not included)

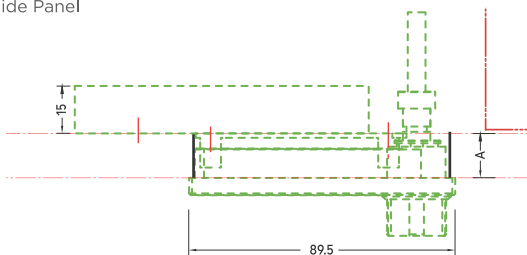
INSTALLATION DIAGRAM



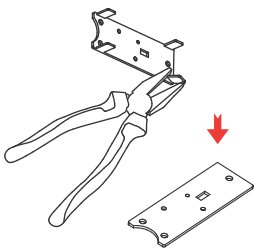
OVERLAY DOOR



A= Thickness Of Door Panel
B= Side Panel

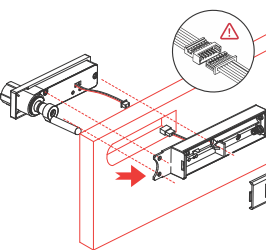


For wooden drawer

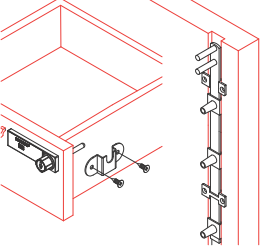


1. Remove out the mounting part of backplate edge

2. Connect the transmission cable and install the lock

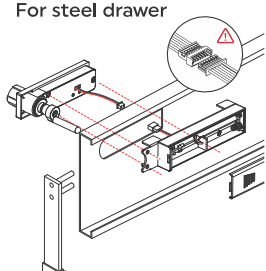


3. Install lock bar on side panel

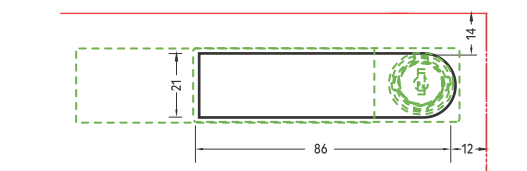


For steel drawer

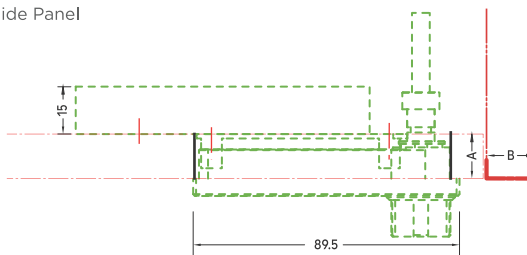
Install the backplate directly and no need to remove out the mounting part.



INSET DOOR



A= Thickness Of Door Panel
B= Side Panel



ESmart Digital Lock - Pedestal 1Z - RFID Code: ESDL-P1Z-R

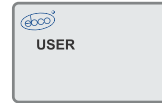
CARD INTRODUCTION

MANAGEMENT (PROGRAMMING) CARD



(The authority is given by lock. The first card to program is called management card) To set up or delete customer card. It shall not be used to open or close a lock unless in emergency.

USER CARD (THE KEY OF THE LOCK):



(The authority is given by the management card under the system) For an user to open or close the lock. Capable of storing 49 cards per lock.

BUTTON INTRODUCTION



MODE INTRODUCTION

- **MANUAL-CLOSE MODE ("BEEP" SOUND)** : Door will not lock until user card touch the sensor.

LOW VOLTAGE ALARM

- When sweep the card to the sensor, and you hear two long "BEEP, BEEP" sounds, It means the lock is in low power status. **Please change to new batteries immediately.**
- When the battery is dead please use the key to open the lock.

WARNING

- PLEASE TEST THE LOCK IF IT CAN WORK BEFORE CLOSING THE DOOR.
- PLEASE USE NEW AAA ALKALINE BATTERY ONLY.
- VOLTAGE INPUT CANNOT BE MORE THAN 6V.

USER INSTRUCTION ** Please keep door open when set up/ delete the card ** Do not use management card to lock or unlock

• SET UP A MANAGEMENT CARD



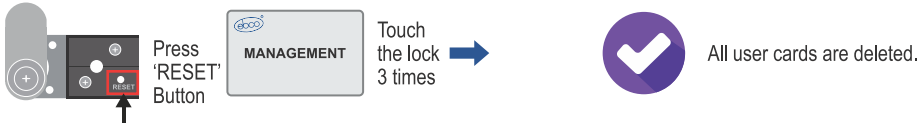
• SET UP A USER CARD



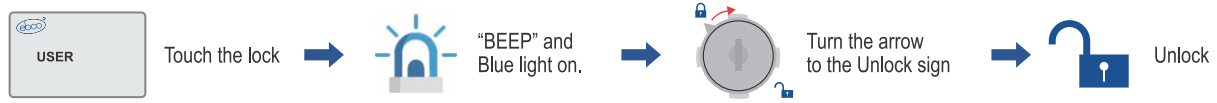
• DELETE AN INDIVIDUAL USER CARD



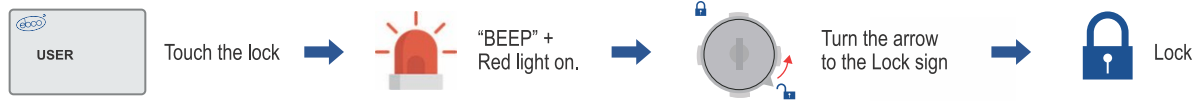
• DELETE ALL USER CARDS



• UNLOCK



• LOCK





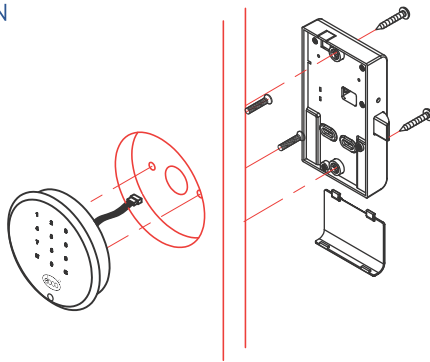
Features:

- Energy saving mode
- Screen locked after three times of error password entering
- Dominant management password
- Random prefix codes design offer safer access while entering password
- For shutter thickness: 18 - 22mm
- Working Current: 200mA-350mA
- Working Temperature: 0°C ~ 40°C
- Working Voltage: 4.5V
- Working Humidity: 20% ~ 80%
- Zinc alloy front case and ABS lock housing

Power supply :

- 3 standard AAA alkaline batteries (not included)

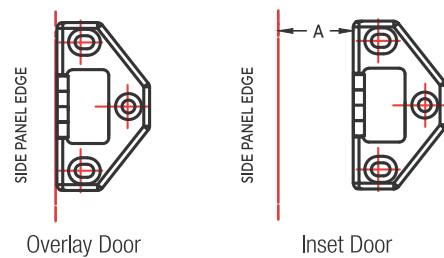
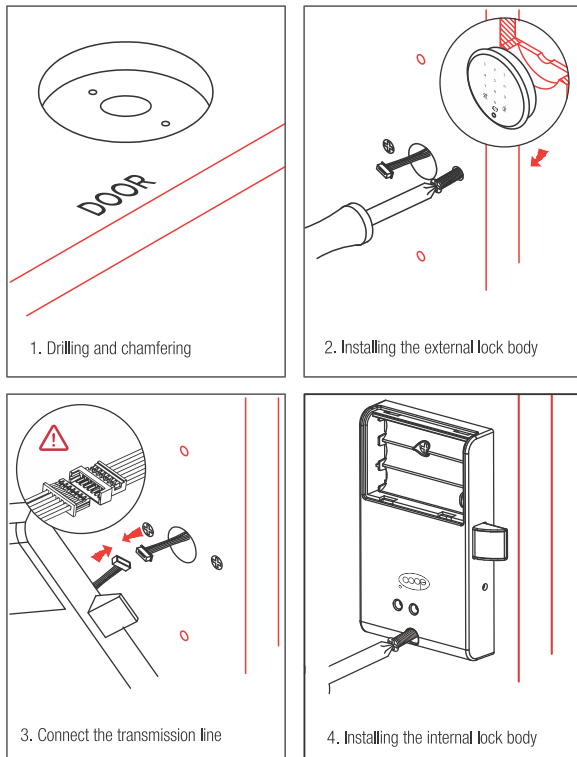
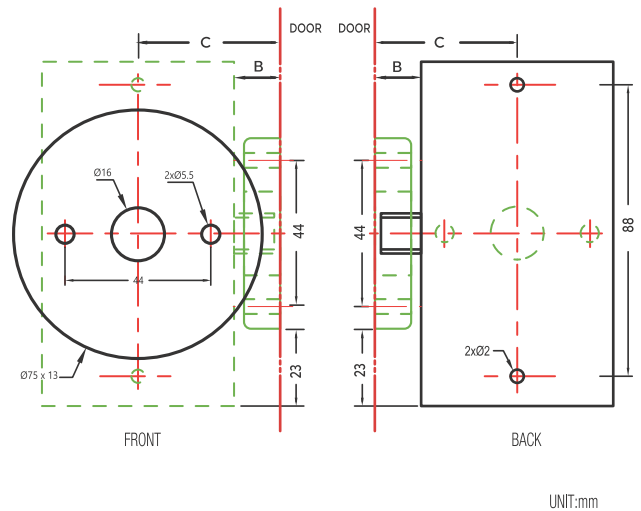
INSTALLATION DIAGRAM



LEFT DOOR

| Code | Inset Door | Overlay Door |
|------|------------|--------------|
| B | 14mm | 14mm+A |
| C | 43mm | 43mm+A |

A= Thickness Of Door



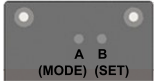
ESmart Digital Lock - Cabinet 3P - Numeric Code: ESDL-C3P-N

PANEL INTRODUCTION

| | | | |
|-----|---|----|-----------------------------|
| 1 | 2 | 3 | TOUCH THE PANEL TO ACTIVATE |
| 4 | 5 | 6 | |
| 7 | 8 | 9 | |
| SET | 0 | OK | |

DIGITS: Enter password
SET: Cancel / Change password
OK: Confirm

BUTTON INTRODUCTION



A/MODE: Mode switch button (Short press button A to switch mode)
B/RESET: Reset button (Default management code: 12345678 and user code: 123456)

MODE INTRODUCTION

- **MANUAL-CLOSE MODE ("BEEP" SOUND):** It won't be on lock until user enter the password. (PUBLIC MODE: Keep unlocked. Enter the new user code to use the lock.)
- **AUTO-CLOSE MODE ("BEEP BEEP" SOUND):** It will be on lock after 6 seconds, or press "OK" button to lock it immediately.

APPLICATION MODE

- **MANAGEMENT CODE: (8 DIGITS)** Once the management code is entered to unlock, the user code will become default.
- **USER CODE: (6 DIGITS)**

LOW VOLTAGE ALARM

- When the digits light flash, it means the lock is in low power status. Please press the digits panel for 3 seconds until the digits stop flashing, then enter the password to unlock and change the new batteries right away.
- If the power is gone, please insert Emergency Battery Pack Case (Code: ESDL-EBPC1) with 4pcs AA battery or Emergency Power Cable (Code: ESDL-EPC1) with power bank on the power jack of front lock. Enter the password to unlock.

WARNING

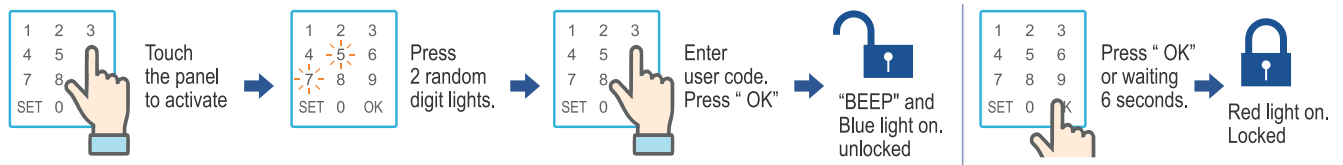
- PLEASE TEST THE LOCK IF IT CAN WORK BEFORE CLOSE THE DOOR
- PLEASE USE NEW AAA ALKALINE BATTERIES
- VOLTAGE INPUT CANNOT BE MORE THAN 6.5V

USER INSTRUCTION **** If you enter the wrong password over three times , the lock will alarm ** for 30 seconds. Please enter the password after the alarm period.**

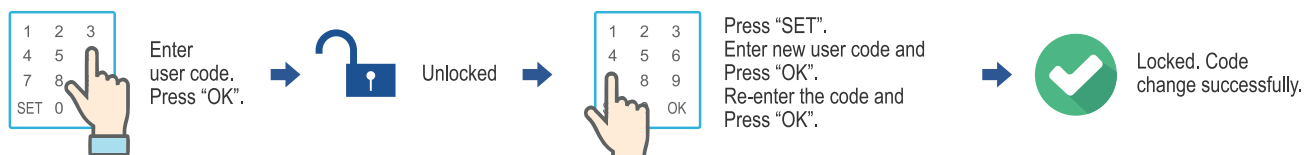
MANUAL-CLOSE MODE (PUBLIC MODE)



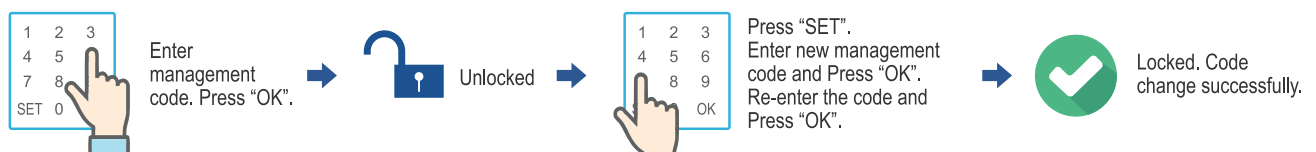
AUTO-CLOSE MODE (PRIVATE MODE)



CHANGE USER CODE (6 DIGITS ONLY)



CHANGE MANAGEMENT CODE (8 DIGITS ONLY)





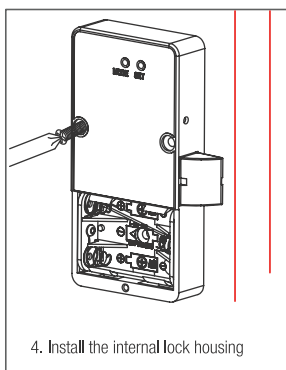
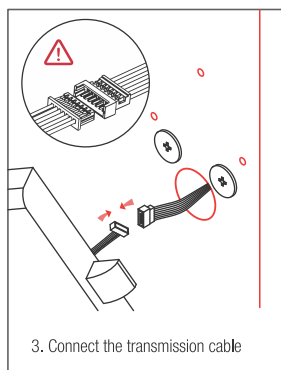
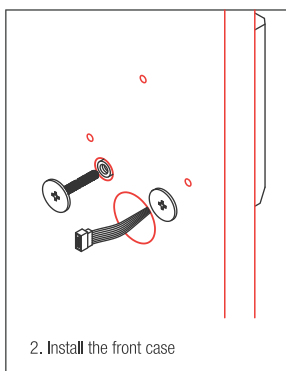
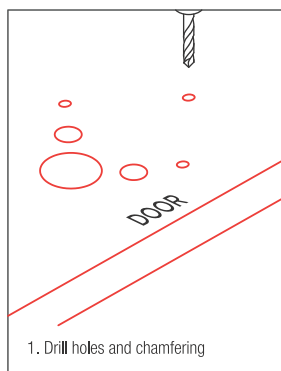
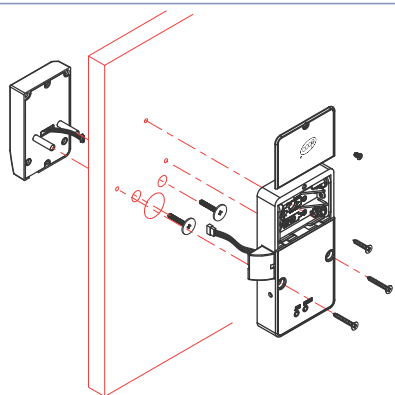
Features:

- Energy saving mode
- Screen locked after three times of error password entering
- Dominant management password
- Random prefix codes design offer safer access while entering password
- For shutter thickness: 16 - 25 mm
- Working Current: 200mA-350mA
- Working Temperature: 0°C ~ 40°C
- Working Voltage: 4.5V
- Working Humidity: 20% ~ 80%
- Zinc alloy front case and lock housing

Power supply :

- 3 standard AAA alkaline batteries (not included)

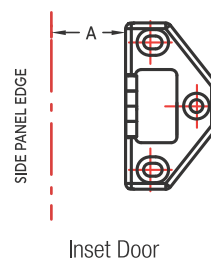
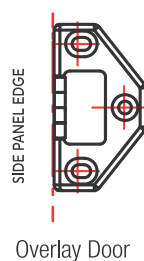
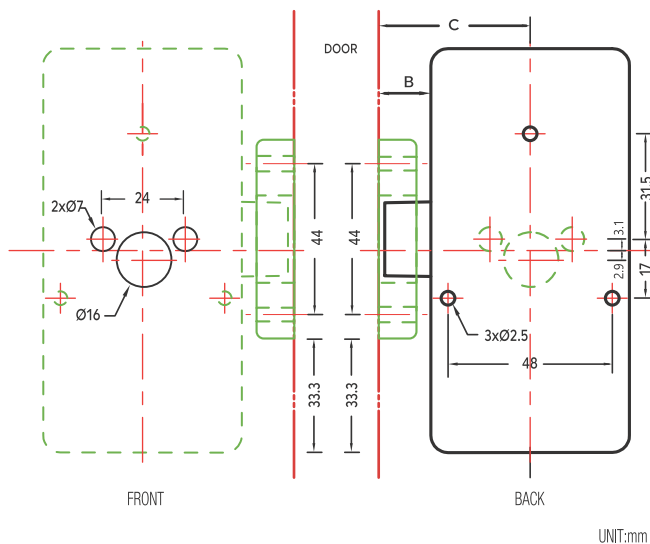
INSTALLATION DIAGRAM



LEFT DOOR

| Code | Inset Door | Overlay Door |
|------|------------|--------------|
| B | 16mm | 18mm+A |
| C | 45mm | 47mm+A |

A= Thickness Of Door

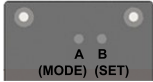


ESmart Digital Lock - Cabinet 5Z - Numeric Code: ESDL-C5Z-N

PANEL INTRODUCTION

| | | | |
|-----|---|----|--|
| 1 | 2 | 3 | TOUCH THE PANEL TO ACTIVATE DIGITS: Enter password SET: Cancel / Change password OK: Confirm |
| 4 | 5 | 6 | |
| 7 | 8 | 9 | |
| SET | 0 | OK | |

BUTTON INTRODUCTION



A/MODE: Mode switch button (Short press button A to switch mode)
B/RESET: Reset button (Default management code: **12345678** and user code: **123456**)

MODE INTRODUCTION

- **MANUAL-CLOSE MODE ("BEEP" SOUND):** It won't be on lock until user enter the password. (PUBLIC MODE: Keep unlocked. Enter the new user code to use the lock.)
- **AUTO-CLOSE MODE ("BEEP BEEP" SOUND):** It will be on lock after 6 seconds, or press "OK" button to lock it immediately.

APPLICATION MODE

- **MANAGEMENT CODE: (8 DIGITS)** Once the management code is entered to unlock, the user code will become default.
- **USER CODE: (6 DIGITS)**

LOW VOLTAGE ALARM

- When the digits light flash, it means the lock is in low power status. Please press the digits panel for 3 seconds until the digits stop flashing, then enter the password to unlock and change the new batteries right away.
- If the power is gone, please insert Emergency Battery Pack Case (Code: ESDL-EBPC1) with 4pcs AA battery or Emergency Power Cable (Code: ESDL-EPC1) with power bank on the power jack of front lock. Enter the password to unlock.

WARNING

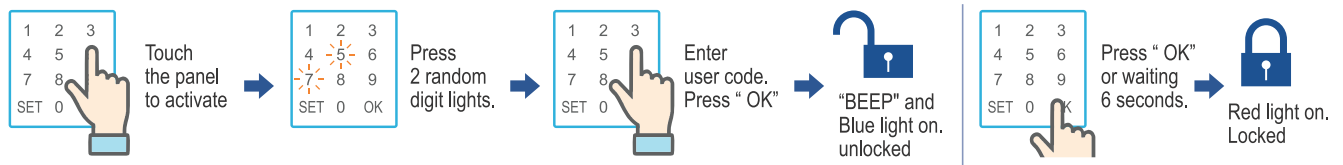
- PLEASE TEST THE LOCK IF IT CAN WORK BEFORE CLOSE THE DOOR
- PLEASE USE NEW AAA ALKALINE BATTERIES
- VOLTAGE INPUT CANNOT BE MORE THAN 6.5V

USER INSTRUCTION **** If you enter the wrong password over three times , the lock will alarm ** for 30 seconds. Please enter the password after the alarm period.**

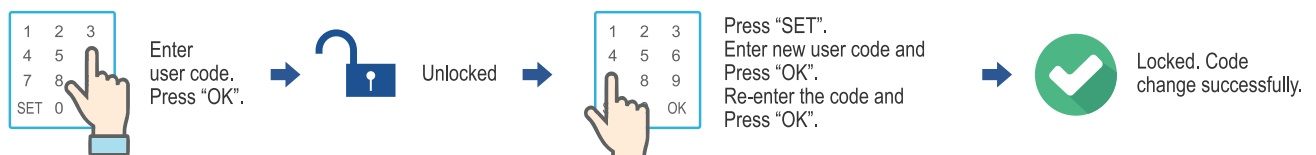
• MANUAL-CLOSE MODE (PUBLIC MODE)



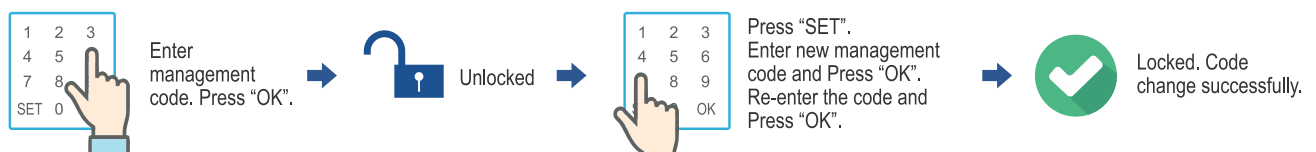
• AUTO-CLOSE MODE (PRIVATE MODE)



• CHANGE USER CODE (6 DIGITS ONLY)



• CHANGE MANAGEMENT CODE (8 DIGITS ONLY)



ESmart Digital Lock - Cabinet 4P - Numeric Code: ESDL-C4P-N



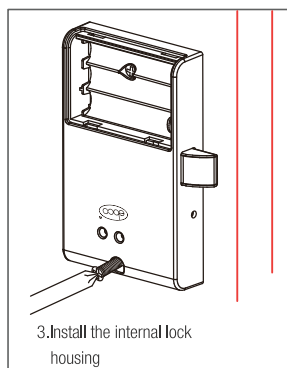
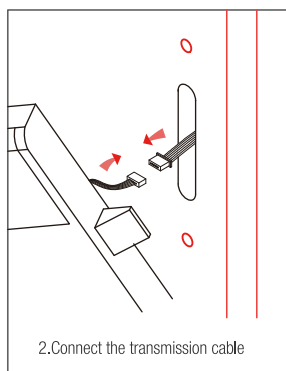
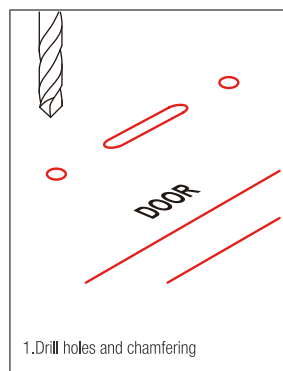
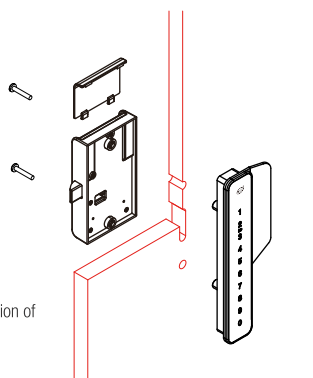
Features:

- Energy saving mode
- Screen locked after three times of error password entering
- Dominant management password
- Random prefix codes design offer safer access while entering password
- For shutter thickness: 12 - 18 mm
- Working Current: 200mA-350mA
- Working Temperature: 0°C ~ 40°C
- Working Voltage: 4.5V
- Working Humidity: 20% ~ 80%
- ABS front case and lock housing

Power supply :

- 3 standard AAA alkaline batteries (not included)

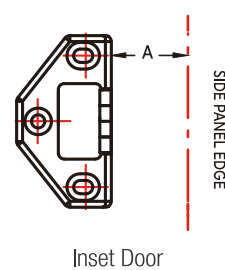
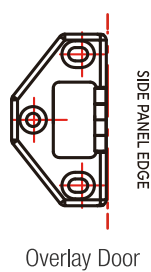
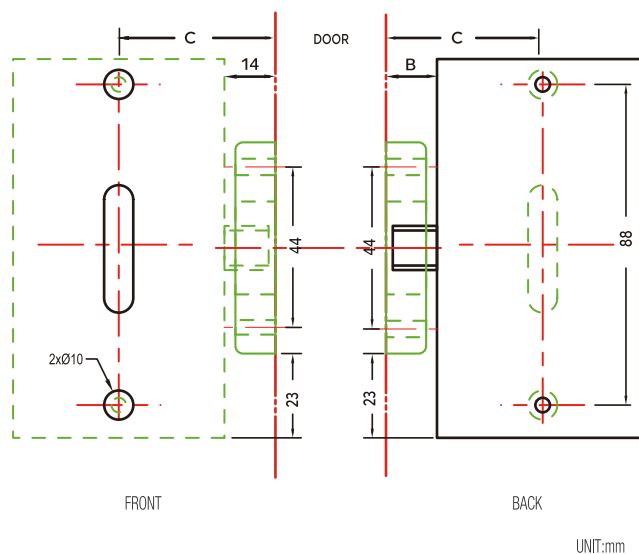
INSTALLATION DIAGRAM



LEFT DOOR

| Code | Inset Door | Overlay Door |
|------|------------|--------------|
| B | 14mm | 14mm+A |
| C | 43mm | 43mm+A |

A= Thickness Of Door



ESmart Digital Lock - Cabinet 4P - Numeric Code: ESDL-C4P-N

PANEL INTRODUCTION



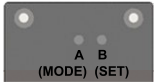
TOUCH PANEL INTRODUCTION

DIGITS: Enter the password

LOGO SIGN: To activate and confirm

BATTERY SIGN: Low voltage alarm

BUTTON INTRODUCTION



A/MODE: Mode switch button (Private mode/public mode)

B/RESET: Reset button (Default management code: 123456, user code: 1234)

Reset to default is only available in private mode.

MODE INTRODUCTION

- **PUBLIC MODE/ ONE-TIME USE ("BEEP" SOUND):** Enter the password to lock/unlock the door.
- **PRIVATE MODE ("BEEP BEEP" SOUND):** Auto-lock after 6 seconds entering the password to unlock. Also, it's available to press the logo sign and lock the door instantly.

CODE MODE

- **MANAGEMENT CODE (6-DIGIT)** Once the management code is entered to unlock, the user code will become default.
- **USER CODE (4-DIGIT):** Unlock/lock the door/ change the user code.

LOW VOLTAGE ALARM

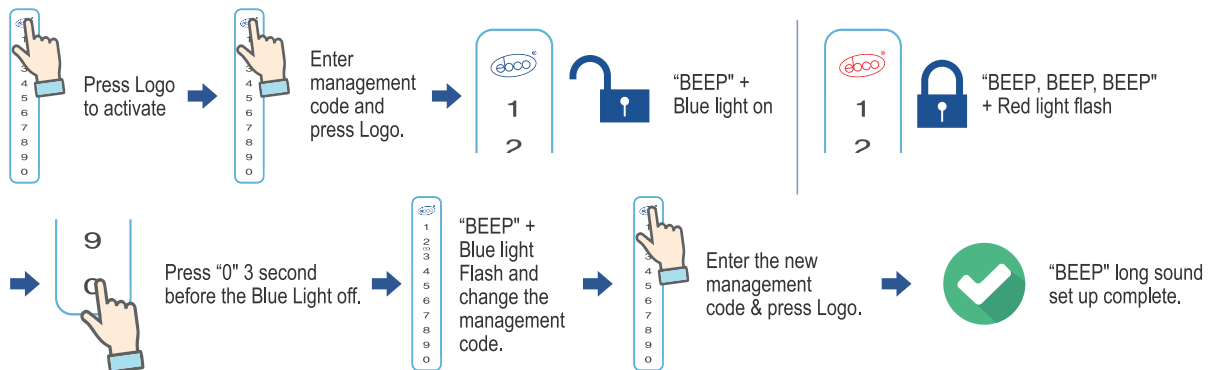
- When the battery sign light flash with alarm sound, it means the lock is in low power status. Please change the new batteries right away.
- Type-C external power charge for emergency use is available.

- WARNING**

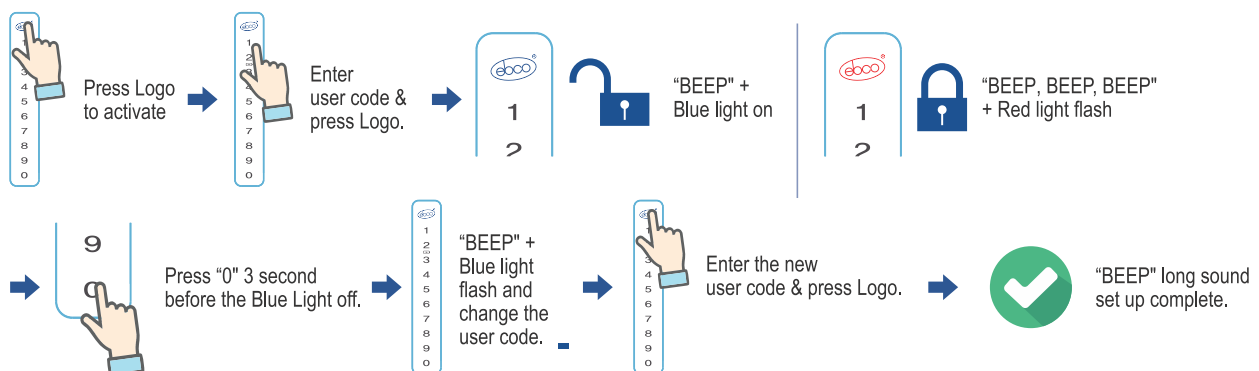
 - PLEASE TEST LOCK IF IT CAN WORK BEFORE CLOSING THE DOOR.
 - PLEASE USE NEW AAA ALKALINE BATTERY.
 - VOLTAGE INPUT CANNOT BE OVER THAN 6V.

USER INSTRUCTION

● CHANGE MANAGEMENT CODE (6-DIGIT)

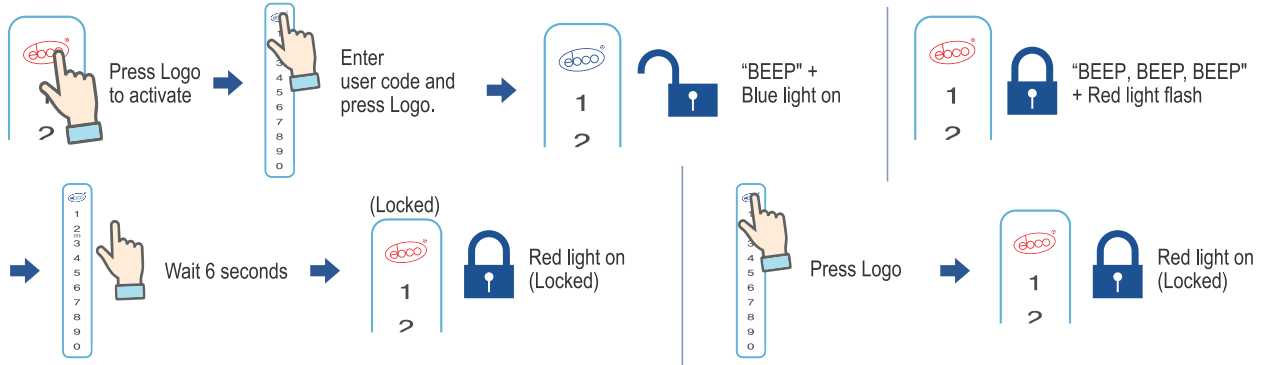


● CHANGE USER CODE (4-DIGIT)

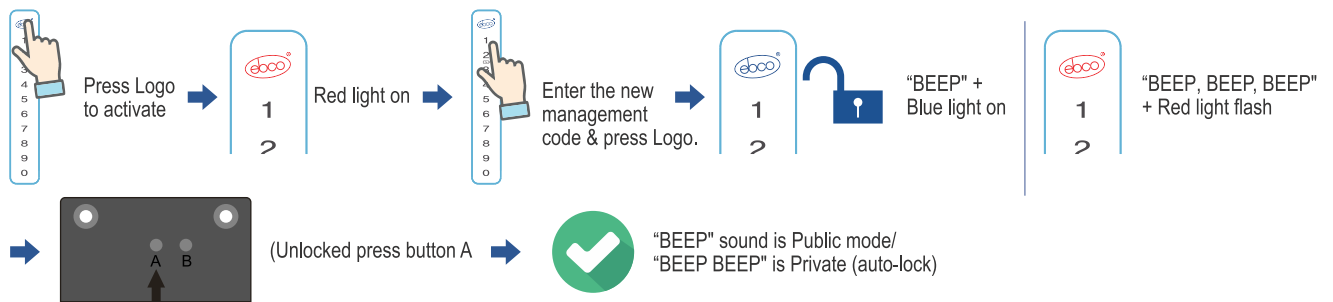


USER INSTRUCTION

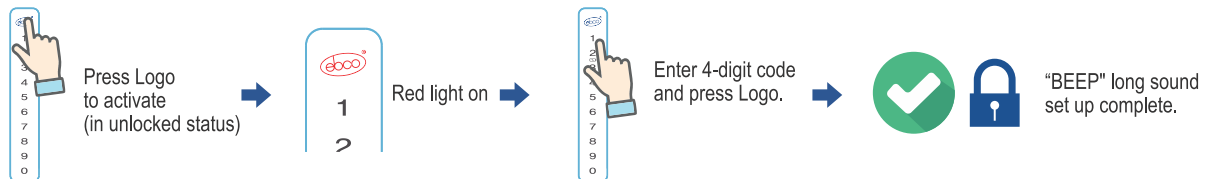
● LOCK/UNLOCK (PRIVATE MODE)



● PRIVATE / PUBLIC MODE SWITCHING



● ONE-TIME USE (PUBLIC MODE)



● ONE-TIME USE (PUBLIC MODE) : UNLOCK



● UNLOCK BY MANAGEMENT CODE (PUBLIC MODE)



● RESET DEFAULT



ACCESSORIES

(To be purchased separately or as required)



Emergency Battery Pack Case
(Batteries not included)
Code: ESDL-EBPC1



Emergency Power Cable
Code: ESDL-EPC1



Management Card 1
Code: ESDL-MC1



User Card 1
Code: ESDL-UC1



EBCO Pvt. Ltd

402-403, 502, Hyde Park, Saki Vihar Road, Andheri (E), Mumbai 400072. INDIA.

Reach us at info@ebco.in or call +91-22-6783 7777 | Toll free 1800 120 1122 | Web ebco.in