Eco Digital RFID Lock
datasheet

Extent of Range
Flexiform code: SPT required

Delivery
Pre-installed on the locker storage units.

Warranty
1 year as standard. T&C's apply, please contact Flexiform for more information.

Product Certification
IP Rate IP55

Dimensions
Height: 130mm. Width: 36mm
Depth: 60mm, 29.5mm from locker door surface.

Finishes

Black only.

Features
Type: RFID card operated lock.
Construction: All metal body, zinc alloy
Mode:: Public Mode aka Multi-user mode. Used on a locker that is not assigned to an individual. Anyone can use an un-occupied locker using their own card. Once the person has finished using the locker it remains 'open' so that the next person can use their own card.
Orientation: Vertical.
Management Main Admin Card: required only when programming and deprogramming Admin cards. No locking function.
Admin card: regulates the management of the user cards. Has an emergency locking function.
User Card: open and close the door. Only the keycard has an locking function.
Master Key: Master key for emergency opening.
Input Voltage: DC3V
Battery: 2x AAA alkaline batteries. Batteries are installed upon locker arrival, it is the responsibility of the Client to maintain the battery over the product life span.
Service life: 30,000 locking cycles
Static Power: ≤35uA
Dynamic Power: ≤200mA
Use Condition: Temperature: -15°C~60°C
Humidity: 5%~95%

Operating Instructions
Read-In the following cards to the lock:
"Main Admin Card" - "Admin card" - "User Card" : Hold the card up to the lock. The blue light flash 3 times and 1 beep, set up successfully. (The cards are read validly during blue light flash, if red light flash, it read invalid)

If you need more admin card and user cards for a lock, please follow up the below programming methods.

Programming a Main-Admin Card: Read Main-Admin card 1~2 seconds.(blue light blinking) setup successfully.

Programming an Admin Card: Read the Main-Admin card for 1~2 seconds (blue light flash 3 times and 1 beep), remove the card. Then read the Admin card for 1~2 seconds. (blue light flash 3 times and 1 beep), remove the card.

Repeat this procedure for all Admin cards that you'd like to programme (max. 8 cards). After that, read the Main-Admin card once again 1~2 seconds

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Operating Instructions Continued

Programming a User Card: Read the Admin card for 1~2 seconds (blue light flash 3 times and 1 beep), remove the card

Then read the User card to be programmed in front of the lock for 1~2 seconds. (blue light flash 3 times and 1 beep), remove the card

Repeat this procedure for all user cards that you' d like to programme (each admin card program max. 8 cards).

After that, read the Admin card once again for 1~2 seconds. (blue light flash 3 times and 1 beep), remove the card; release the procedure, set up successfully.

Emergency opening

Solution A: Read any Admin card directly to unlock

Solution B: Remove the cover on the lock surface and insert the master key to unlock.

Helpful Guide

Power On
Light: Red/blue Light Flash 3 times
Beep: None

Correct Operation
Light: blue Light Flash 3 times
Beep: 1 Beep

Error Operation
Light: Red Light Flash 2 times
Beep: 2 Beeps

Program Successfully
Light: Blue Light Flash 3 times
Beep: 1 Long Beep

Delete Successfully
Light: Red Light Flash 3 times
Beep: 1 Long Beep

Resetting Indication
Light: Red Light Flash 4 times
Beep: 4 Beep

Voltage lower alarm
Light: Red Light Flash and Light out when unlocking
Beep: 5 Beep

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