User Manual of RFID Hidden locker Lock (Model # EP-C103)

IMPORTANT: Don’t lock the locker until making sure the lock is working normally when installing and testing. And make sure read all the following guide carefully.

Card Types

1) Cards: management cards and opening cards.
   UP to 3 management cards available, up to 11 opening cards available.

2) Function of cards: the management card is used to program opening card, and the management card can be used to unlock in any condition. Opening card is used to unlock only.

Unlock Mode

Single card mode: one card to unlock
Dual cards mode: two cards to unlock

Operation

1) Load battery: 1 pc 3V battery needed. (Watch out the cover of battery holder when loading, it’s tight design.)

2) Initialization: press the "reset button" on the PCB board and hold it for about 3 seconds, release it until a long beep, then the lock is initialized and all cards programmed before will be deleted.

3) Program Management cards: Under the state of initialization, read a new card as management card, within the following 8 seconds and before the beep sound stops, you may continue to read another 1 or 2 new cards as management cards.

Note:
- Up to 3pcs management cards available.
- Decide how many management card you need and program them all at one time continuously. Because, for example, you programmed one management card this time, and want to add 2 more in future, you have to initiate the lock and program 3 management cards continuously. But after initiation, all the management cards and opening cards programmed previously will be deleted and you need to program all of them again.
- You can program the same management card to different locks so that you can unlock different lockers with one card, which we call Master Card.

4) Program Opening cards: Read the management card once, the lock’s latch will get inside and
beep continuously. Before the latch get outside, read new cards continuously as opening cards, up to 11 opening cards available. Wait 8 seconds till the continuous beep sound stops and latch get outside to finish programming opening cards.

**Note:** Mark the first opening card when programming, define it as waiter card. Waiter card is used to unlock together with other opening card in dual card mode.

5) **Switch unlock mode:** Press the reset button once with 3 beeps to switch to dual card mode, press it once again with 2 beeps to switch back to single card mode. After unlock mode switched, you need to re-program all opening cards again with management card, otherwise, the previous opening cards can not unlock.

**Unlock**

1) Single card mode: read any opening card to unlock, it will lock itself automatically after 2s

2) Dual cards mode: read waiter card (the first opening card) and opening card together (one by one, non-ordered) to unlock, two cards must be read within 4 seconds, or need to read them again. It will lock itself again automatically after 2s.

3) Management card can always unlock.

**Note:**
- If read any invalid keys, there will be 3 short beeps.
- Unless for emergency, don’t use the management cards to unlock.
- Sometimes, you may find the opening cards don’t work any more, possibly, it is because you read management card many times and deleted the opening cards mistakenly. Program the opening card and try again.

**Delete Cards**

1) Read management card 3 times continuously and wait for 5 seconds, when you hear a long beep, all opening cards will be deleted.

2) Read management card 5 times continuously to delete all management cards (opening cards will not be deleted).

3) operate "Initialization" to delete all cards

**Low voltage remind**

When read the card to unlock, if there is long beep before unlocking, it indicates that it is low voltage but the lock can still be unlock about 50 times, please replace the battery before it is exhausted.