KEYA®

UNLOCK INNOVATION

# COVERK **PREMIUM**

COVERK






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# 1 Card types



SUPER MASTER CARDS
[No assignment limit]



TIMED MASTER CARDS [No assignment limit]



USER CARDS
[Up to 50 User cards can be assigned]



# 1 Card functions




SUPER MASTER CARD:

Functions: Assign /remove users
Inspection process.
Clears and releases User cards.




TIMED MASTER CARD:

Functions: Assign /remove users
Inspection process.
Clears and releases User cards.

Only for COVERK locks with the same

IDOF




USER CARD :

Functions:Unlock / Lock

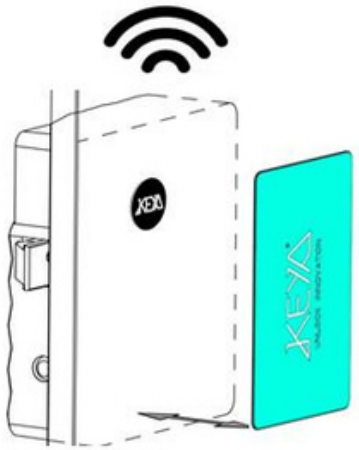
User cards must support read /write operations. On MIFARE cards , the sector in use (sector 2 by default) must be free. On DESFire cards, the creation of applications must be allowed at all times.

## 2.Inspection process

Warning! To run an inspection, the COVERK PREMIUM lock must first be

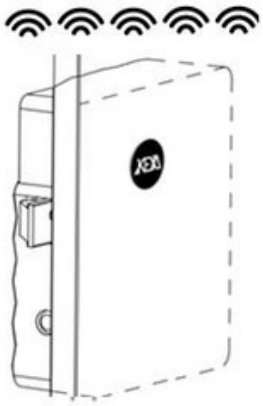
The inspection process lets the administrator check the installation while the lock is locked. When the 30-second inspection time is up, the lock relocks without clearing the assigned User cards.

1.



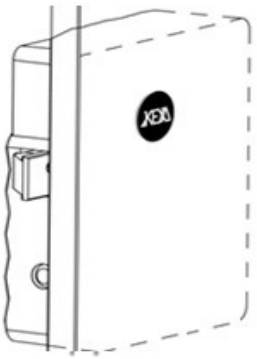
Present the Timed Master or Super Master card and remove it immediately after 1 long beep.

2.



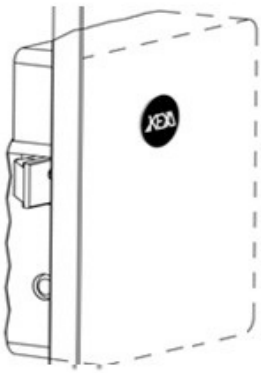
Wait until the process is complete [5 intermittent short beeps].

3.



When the process ends (5 short intermittent beeps), the COVERK PREMIUM stays open for the 30 -second in spection time.

4.



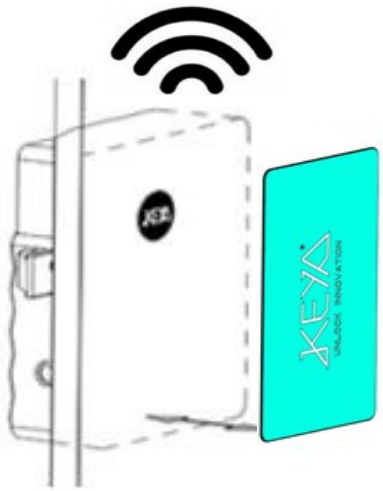
When the inspection time is up, the lock relocks and the end- of-inspection tone sounds.
The previous user's assignment is retained.

If the procedure is not followed or an error occurs , 3 short beeps will sound.

## 3. Removing User cards

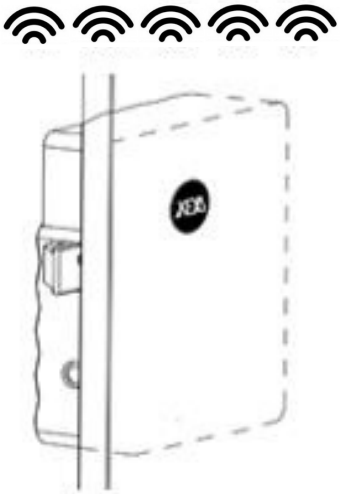
Warning! Read the whole procedure befores tarting.

1.



Present the Timed Master or Super Master card and remove it immediately after 1 long beep.

2.



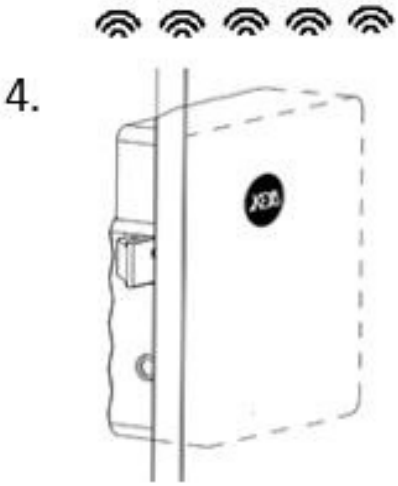
Intermittent short beeps start to sound.

3.



While the short beeps sound, present the User card and remove it immediately after 2 short beeps.

4.

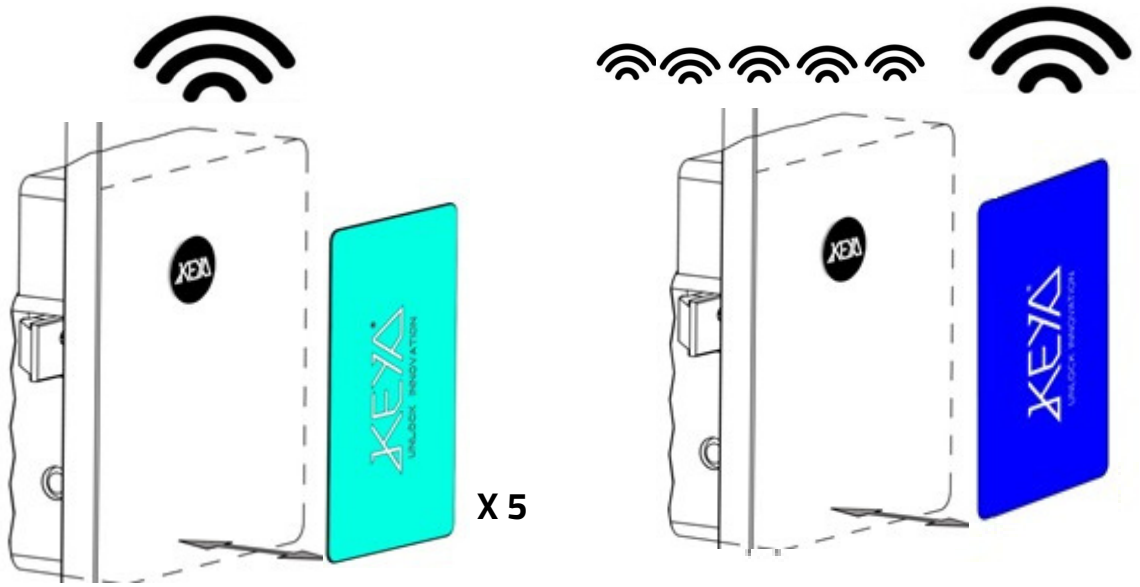


To complete the process correctly, wait 5 seconds until the intermittent short beeps stop.

If the procedure is not followed or an error occurs , 3 short beeps will sound.

## 4. Clearing User cards

The clearing process restores User cards to their factory settings .




Present the Timed Master or Supe rMaster card and remove itimmediately after the beep.

While the programming tone sounds, repeat the process until five confirmation beeps have sounded (using the same card).

After the fifth confirmation beep, and while the programming tonsounds, present the User card( s) to be cleared .

If the procedure is not followed or an error occurs , 3 short beeps will sound.

# 5. Removing all Ass igned -m ode Use r c ards

This process removes all User cards assigned
to the lock .
No User cards are needed for this process.






Present the Timed Master or Super Master card and remove itimmediately after 1 beep.

While the programming tone sounds ,repeat the process until four confirmation beeps have sounded (using the same card).

To completet he process correctly,wait 5 seconds until the programming tone stops . Afinal confirmation tone will then sound to sign al the end of the process.

The lock will be left open.

If the procedure is not followed or an error occurs , 3 short beeps will sound.

## 6.Keya Control App



**Integrates with existing systems**

DE-620 MIFARE and DESFire reader

**Installation control**

Locker control syst em
Settings changes
Assigned use / Shared use modes
Time control
Automatic unlocking
Limited use time
Volume / buzzer control

**Security**

Mastercard / Inspection
Audit trail
Operation counter

**User management**

Desktop reader /programmer
Card manager (User/Master / Settings)
User card timer

**Installation maintenance**

Cyclecounter
Batterylevelindicator(2xCR12 3 A batteries)

For more information: info@keyalocks.com

## 6.1.Key aContr ol App – Features

KEYA Control App

GET IT ON Google Play

**Automatic unlocking:**

1- Limited use time: the lock opens once the set time has elapsed

2- Settime: the lock opens at the programmed time

- HH:MM, day of t he week / every day / Mon to F ri, leave the Coverk Premium open or locked

**Volume:**

High/Low: all sounds play at the selected volume (High/Low)

Off:no sound when a User card is presented

**Assigned cards:**

Management
Master
User
Battery level
Date and time
Number of operations
Set the time
Unlock and lock option

**COVERK PREMIUM audittrail**

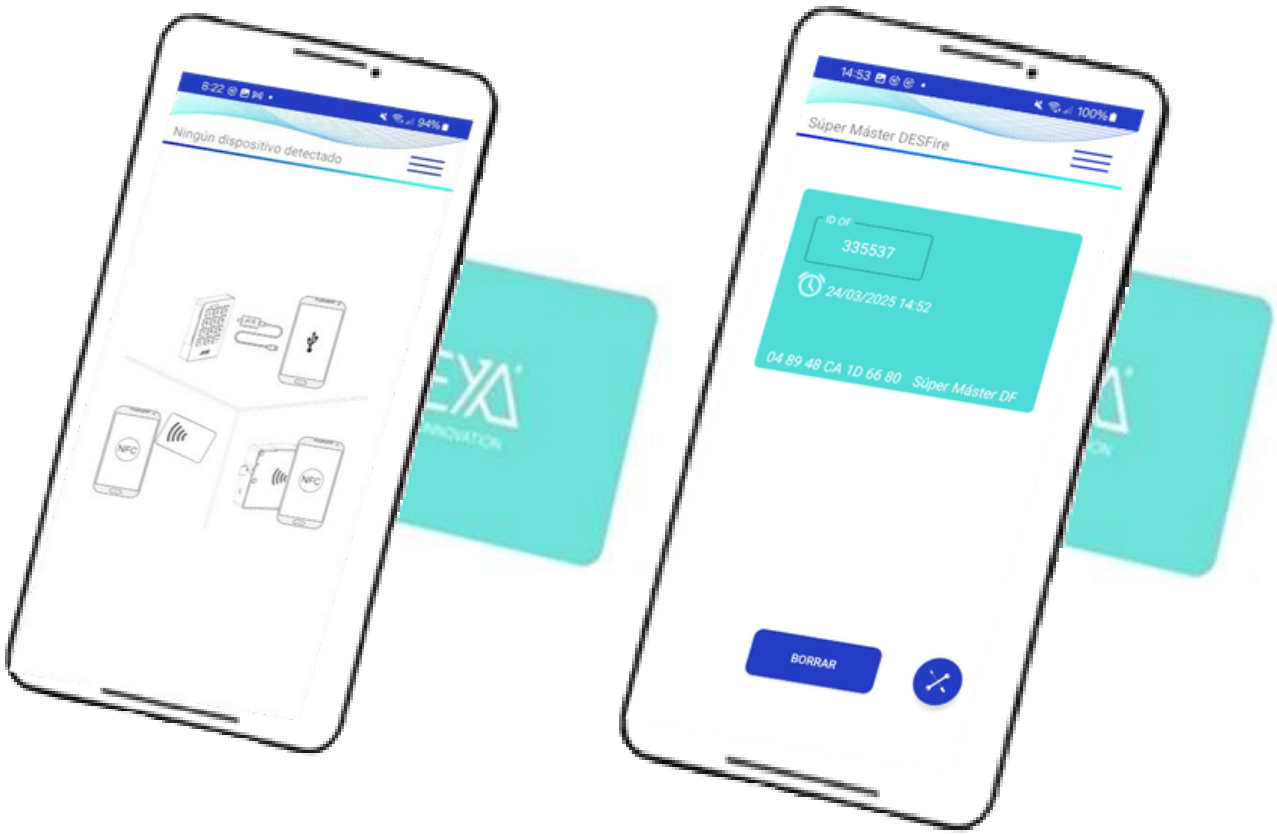
Lock settings that can be changed:
Mode: Assigned use / Shared use
Time zone: EU / USA / Australia / New Zealand Inspection time (s)
Assigned-mode auto-lock time (s)
Locked status LED: Enabled/Disabled
Tag wait time (s)

*Ask your K EY A sales representative for more information

## 6.2.Reading a Super/ Timed Master card

Hold the Super Master or Timed Master card against the phone's NFC point, with the KEYA Control App open on the home screen.

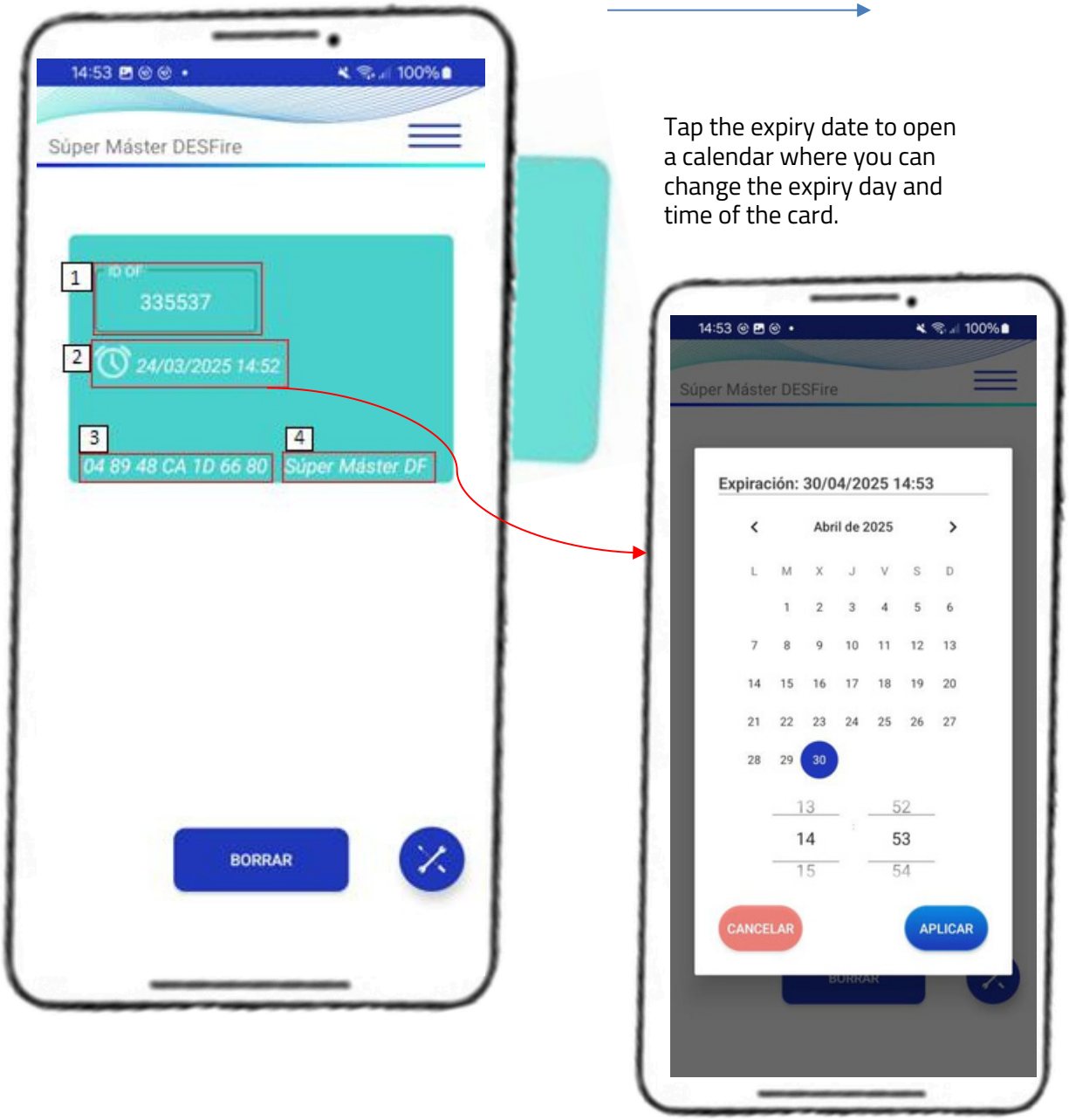
When the card is read correctly , the phone vibrates and displays the card information and card type.



## 6.3.Super/Timed Master card expiry date

Once the card has been read, the following information is displayed:

1. IDOF the card belongs to.
2. Expiry date of the card: from that date and time, the card stops working.
3. UID of the card: a unique identifier for each card.
4. Card type :depends on the card presented to the NFC reader.




* Ask your KEYA sales representative for more information

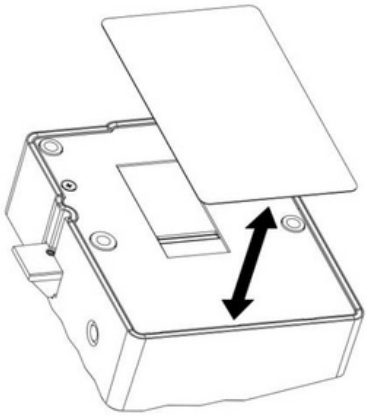
# 7 Specifications

## 7.1 Technical specifi cations

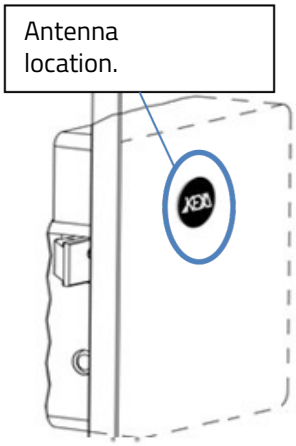
| | |
|---|---|
| Salt spray test | > 96h |
| Operating | -5°C < > |
| temperature | +70°C IP 65 |
| IP rating | > 45Kgf |
| Bolt strength | > 10000h |
| UV resistance | 10 - 200Hz |
| Vibration | 2g > 200,000 cycles |
| Life cycle | 8000 V |
| Electrostatic discharge | 2 x CR123A |
| Batteries | >30,000 cycles or 3 years |
| Battery life | Mifare Classic 1K/4K |
| Compatible technology | DESFire EV1 |

## 7.2 Optimal read range

| | Min. | Optimal | Max. |
|---|---|---|---|
| MIFARE cards | 1 cm | 2.5 cm | 2.8 cm |
| DESFire cards | 1 cm | 2.5 cm | 2.8 cm |

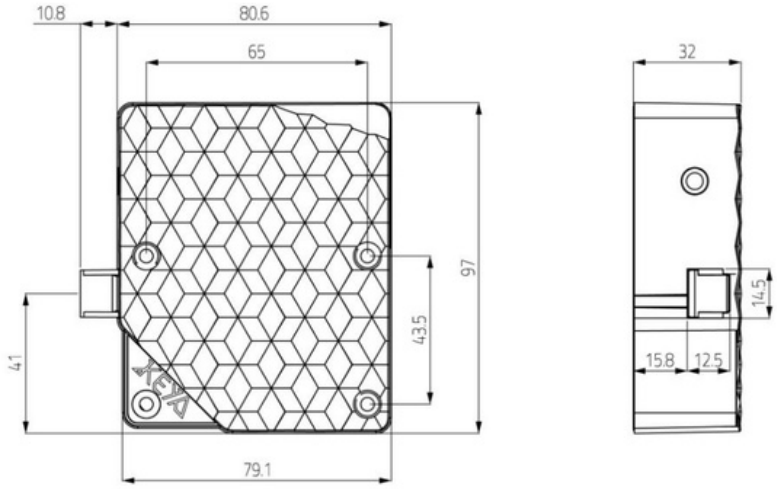


## 7.3 Antenna and position marker




For correct operation, aposition marker must be used to show where the antenna is located .

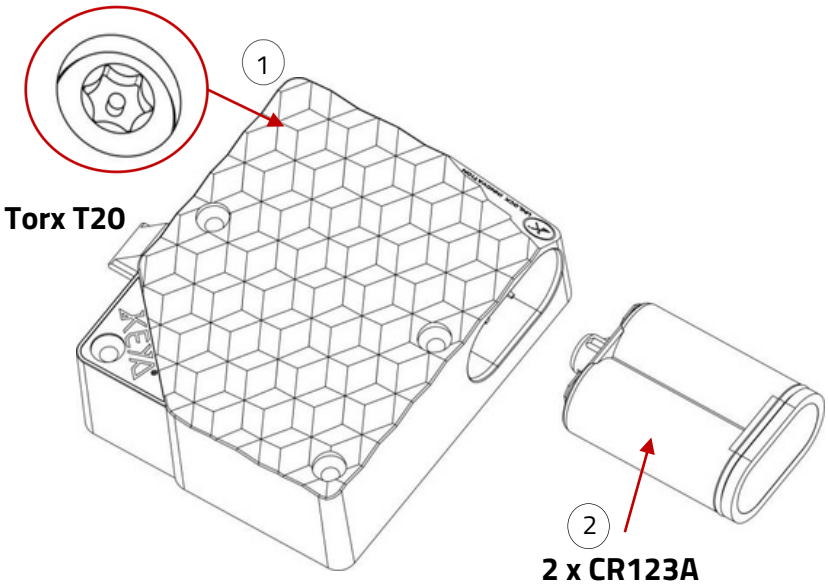
## 7.4 Over all dimensions




## 7.5 Battery replacement

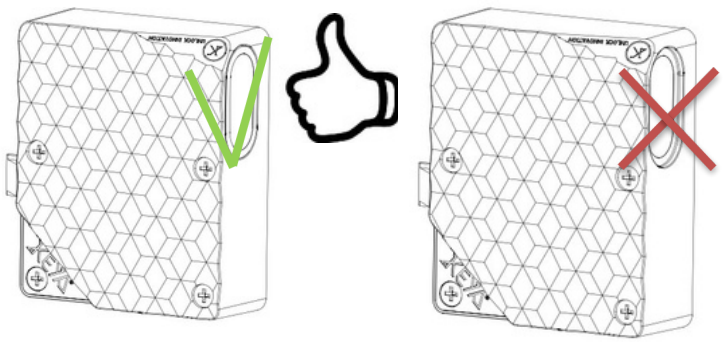
IMPORTANT:

To remove the battery holder, loosen the screw and pressits head until the holder pops out. After replacing the batteries , slide the holder back into its housing , press it fully home and then tighten the screw.




Warning!

THE BATTERY HOLDER MUST NOT SIT RECESSED IN THE LOCK



## 7.6 Battery level

Depending on the battery level, the COVERK PREMIUM gives audible signals about the battery status , and some functions are limited for safety.

| Battery level | Stan dard audible signals | Battery level signals | Unlock/Lock |
|---|---|---|---|
| High | Yes | No | Yes/Yes |
| Medium | Yes | Medium battery tone | Yes/Yes |
| Low | No | Battery alert tone | Yes/No |

Battery leve l au dible sig nals:

| Signal | Description |
|---|---|
| Medium battery | [2 short beeps and 1 long beep] |
| | When a card is presented to the COVERK P REMIUM, it gives this audible |
| Battery alert | signal. [5 short beeps] |
| | When a card is presented to the COVERK PREMIUM, it gives this audible signal and stays un locked until the batteries are replaced |

Warning!

We recommend replacing the batteries as soon as the system sign alsa Medium or Low battery level.
If the batteries are not replaced in time, the COVERK PREMIUM performs an emergency unlock and stays unlocked until the batteries are replaced, signalling any card interaction with 5 short beeps.

## 7.7 Important notes

In both Shared use and Assigned use modes, COVERK PREMIUM locks remainun locked if

Installation note:
If the bolt is under excessive force while unlocking, 5 continuous beeps will sound.

Ad just the strike plate so that it does not put too much pressure on the bolt, or check for any external factor restricting the bolt's movement.

RoHS

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