



KEYA[®]

COVERK



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1 Types of cards



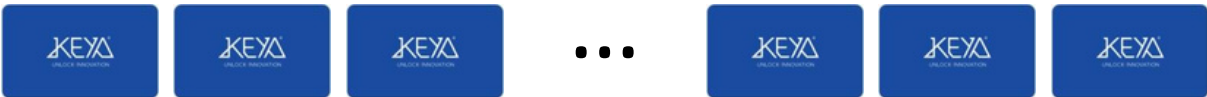
MANAGEMENT CARD
[1 Management card]



MASTER CARDS
[Allows to assign until 5 Master cards]



USER CARDS
[Allows to assign until 50 User cards]



1 Functions of the cards



MANAGEMENT CARD:
Functions: Assign/Deassign Masters



MASTER CARD:
Functions: Assign/Deassign users
Inspection process
Erase and set the user cards



USER CARD:
Functions: Open / Close



PARAMETERS CARD:
Functions: Read the data and the current status of the COVERK lock
Modify the parameters of the COVERK lock

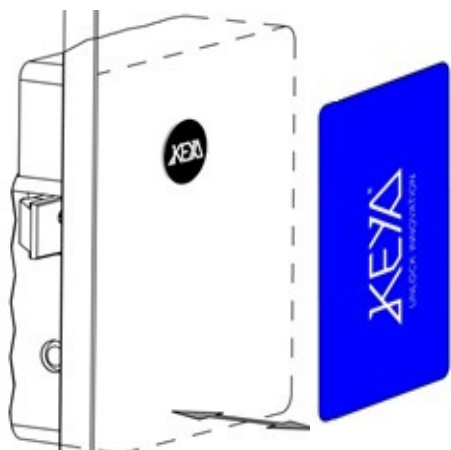
User cards must support read/write operations. For MIFAR, the designated sector (by default, sector 2) must be available. For DESFire, application (Application) creation must be allowed at all times.

2 New installation – First steps

2.1 Single User mode:

- The User cards need a previous assignment to be able to open or close the COVERK lock

Automatic opening and closing



1. Bring closer the User card
2. 1 long beep will be heard
3. The lock will remain opened 2 seconds
4. The lock will close automatically
5. 1 large beep will be heard

If the procedure is not followed or an error appears 3 short beeps will be heard

2.1.1 Single user manual closing

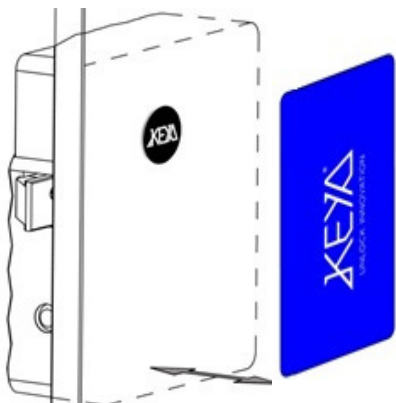
Unlike the User mode with automatic closing (2.1), the COVERK locks that are preinstalled with manual closing requires the closeness of the User card to close the lock



2.2 Multiuser mode

- The User cards don't need a previous assignment

Close

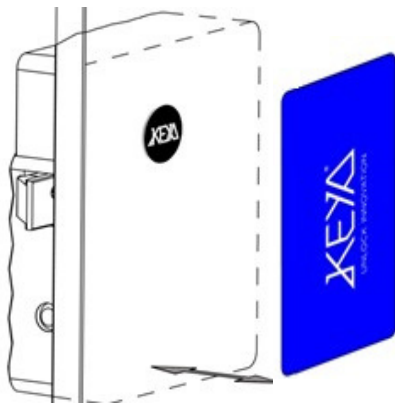


1. The User card and the COVERK lock have to be previously obsoletes
2. Approach the User card to the lock
3. 1 long beep will be Heard
4. The lock will close

If the procedure is not followed or an error appears 3 short beeps will be heard

When closing, COVERK and User card will remain linked
The User card will not close other locks and the COVERK lock will not open with other User cards

Open



1. Approach the User card to the lock
2. 1 long beep will be heard
3. The lock will open

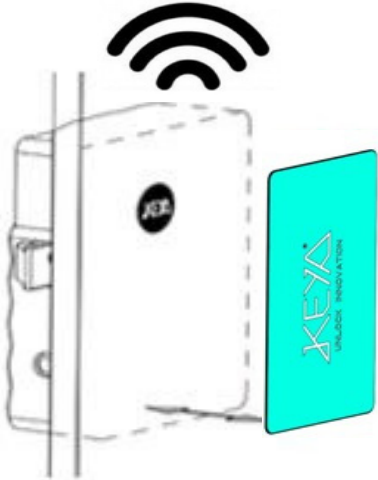
If the procedure is not followed or an error appears 3 short beeps will be heard

When opening, COVERK and User card will remain obsoletes

3 Assignment of the User cards

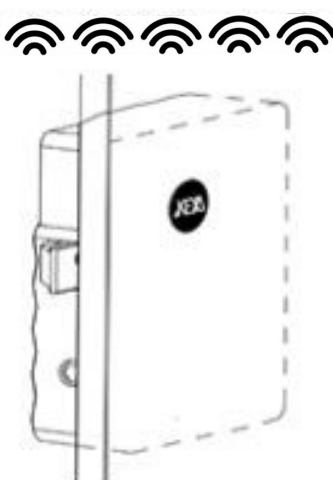
!Attention! Read the process until the end before proceeding

1.



Approach the Master card and move away immediately when 1 long beep is heard

2.



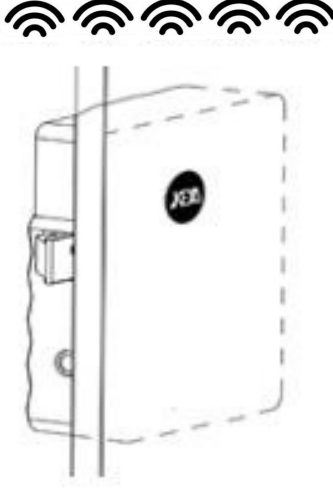
Intermittent short beeps will sound

3.



During the intermittent short beeps, approach the User card and immediately retire after 1 long beep

4.



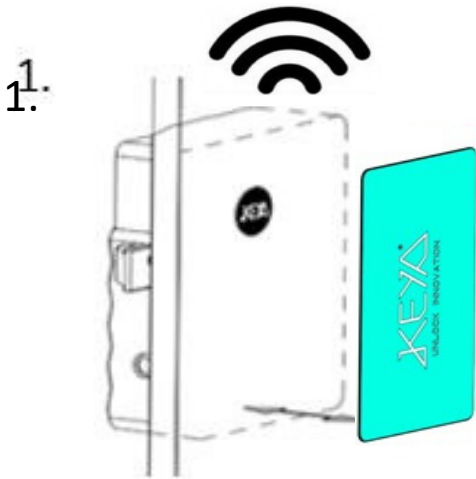
To finish the process correctly, wait 5 seconds until the ending of the intermittent short beeps

To assign multiple User Cards continuously, repeat step 3 with the cards you wish to assign

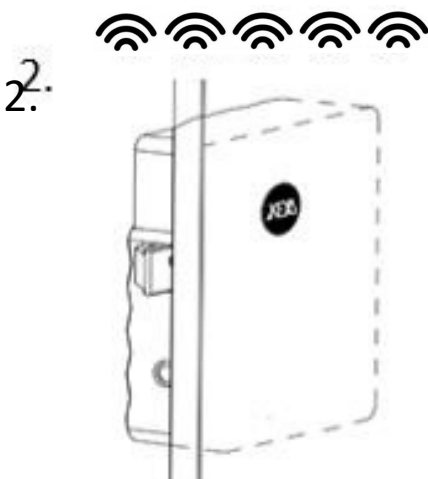
If the procedure is not followed or an error appears 3 short beeps will be heard

3.1 Deassignment of the User cards

!Attention! Read the process until the end before proceeding



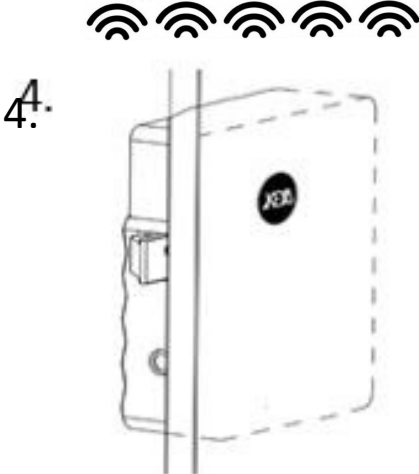
Approach the Master card and retire immediately when 1 long beep is heard



Intermittent short beeps will sound



During the intermittent short beeps, approach the User card and immediately retire after 2 short beeps



To finish the process correctly, wait 5 seconds until the ending of the intermittent short beeps

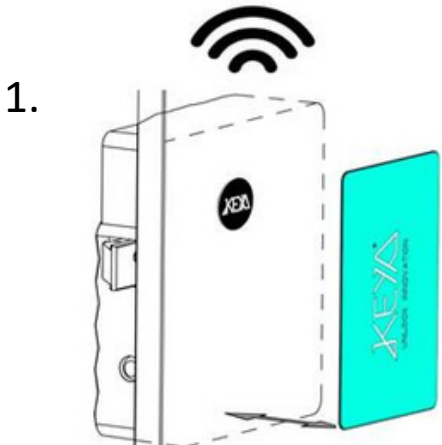
If the procedure is not followed or an error appears 3 short beeps will be heard

4 Features of the COVERK lock

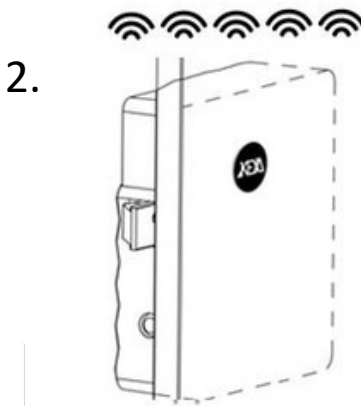
4.1 Inspection process

Attention! To make the inspection, the COVERK lock has to be previously closed

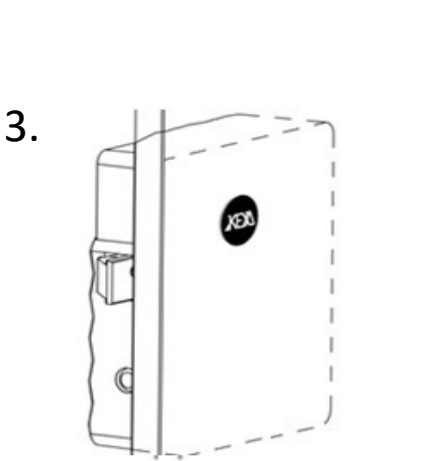
The inspection process allows the administrator to review the installation when is closed. Once the inspection time of 30 seconds is finished the lock will close again without deleting the assigned User cards



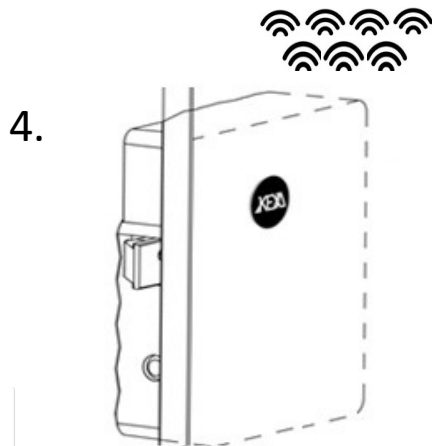
Approach the Master card and retire automatically after 1 long beep



Wait until the ending of the process (5 intermittent short beeps).



Once the process is finished (5 intermittent short beeps), the COVERK lock will remain opened during the inspection time of 30 seconds

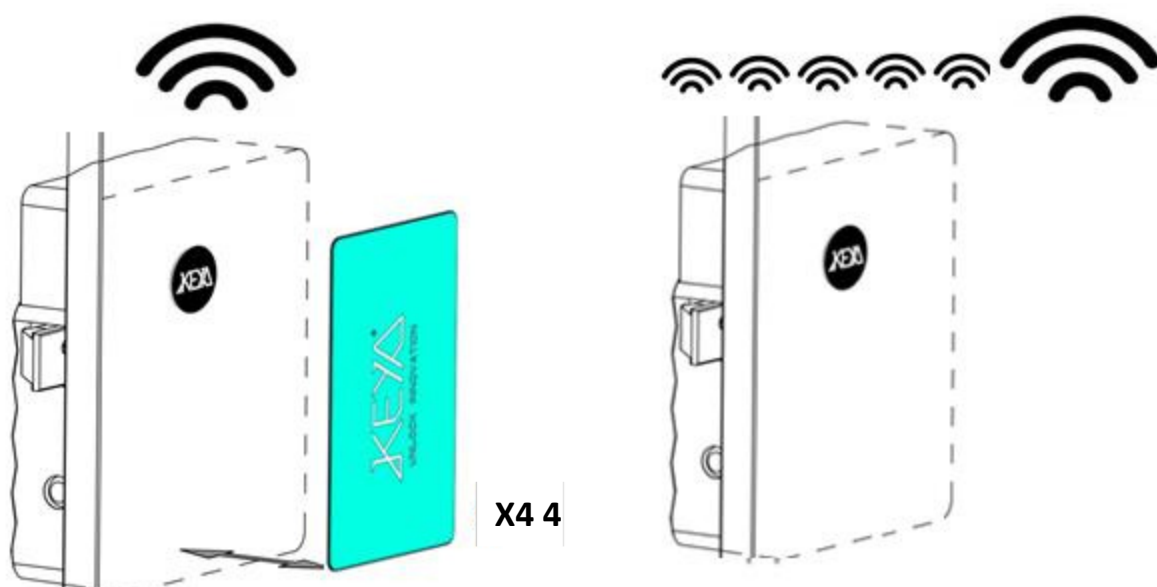


When finishing the Inspection time the lock will close and the inspection final sound will be heard, keeping the previous user

If the procedure is not followed or an error appears 3 short beeps will be heard

4.2 Deassignment of all the User cards

The process of desassignment will erase all the User cards assigned in the lock. For this process is not necessary to use the User cards



Approach the Master card and retire automatically when 1 beep is heard

During the programming sound, repeat the process until 4 acceptances are heard

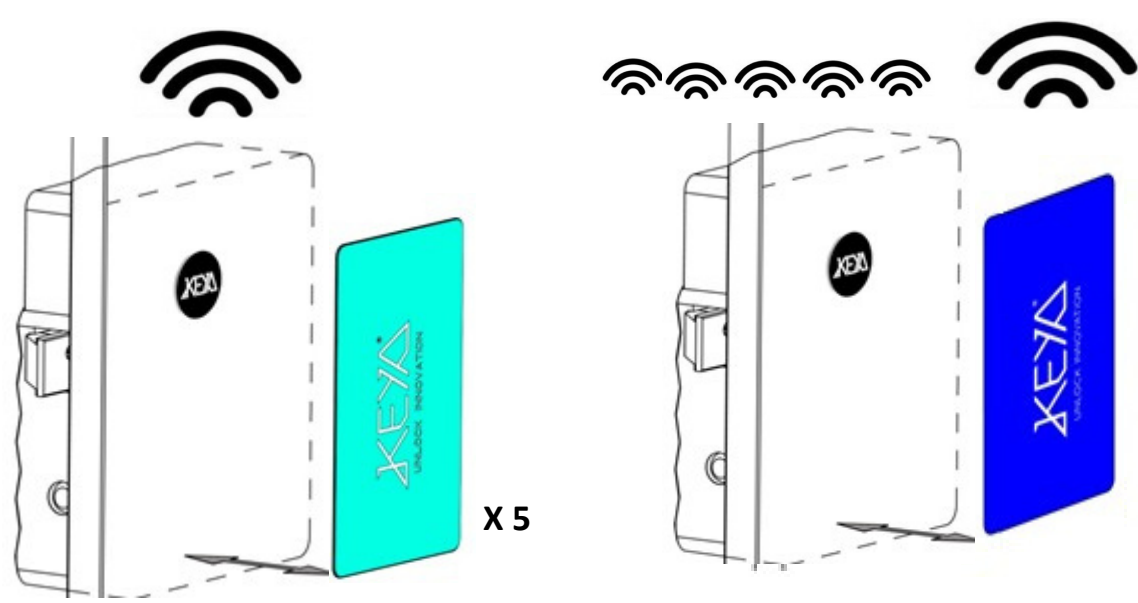
To finish the process correctly, wait 5 seconds until the ending of the programming sound. A last confirming sound will be heard, which will indicate the end of the process

The lock will remain opened

If the procedure is not followed or an error appears 3 short beeps will be heard

4.3 Clean User cards

The cleaning process for User cards will restore them to its preinstallation



- Approach the Master card and retire immediately when the beep is heard
- During the programming sound, repeat the process until five acceptances have been Heard
- After the fifth sound of acceptance and during the programming sound, approach the User card / that you wish to clean

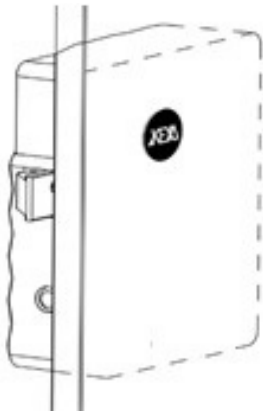
If the procedure is not followed or an error appears 3 short beeps will be heard

5 Extension of an Installation

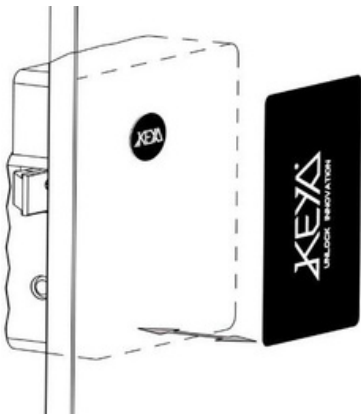
5.1 Assignment of the Management card

Attention! Read the process totally

0.



1.



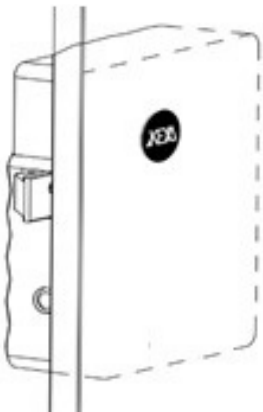
Approach the Management card

2.



1 long beep will be heard

3.



Move away the Management card immediately to finish the process.

If the procedure is not followed or an error appears 3 short beeps will be heard

5.2 Assignment of Master cards

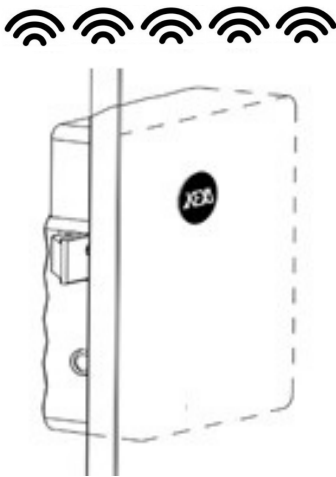
iAttention! If the time when the card and the lock are close during the programming time is extended, the COVERK lock will assign and deassign intermittently

1.



Approach the Management card and retire immediately when 1 long beep is heard

2.



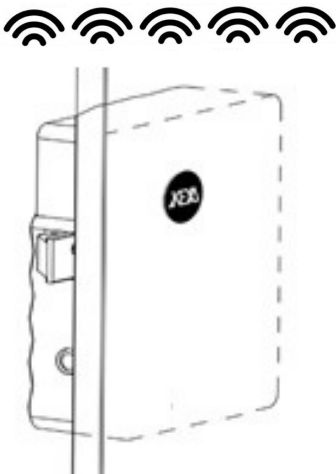
Intermittent short beeps will begin to be heard

3.



During the intermittent short beeps, approach the Master Card and retire immediately when 1 long beep is heard

4.



To finish the process correctly, wait 5 seconds until the ending of the intermittent short beeps

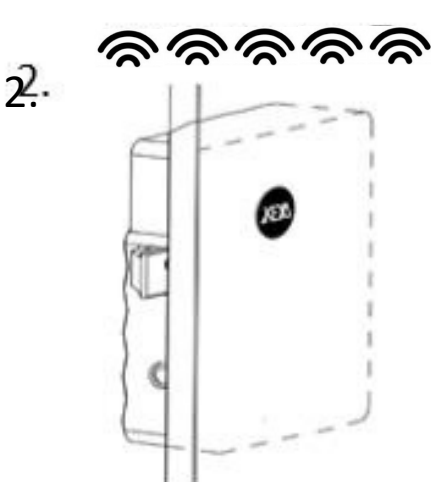
If the procedure is not followed or an error appears 3 short beeps will be heard

5.3 Unitary deassignment of the Master cards

Attention! If the time when the card and the lock are closed during the programming time is extended, the COVERK lock will assign and deassign intermittently



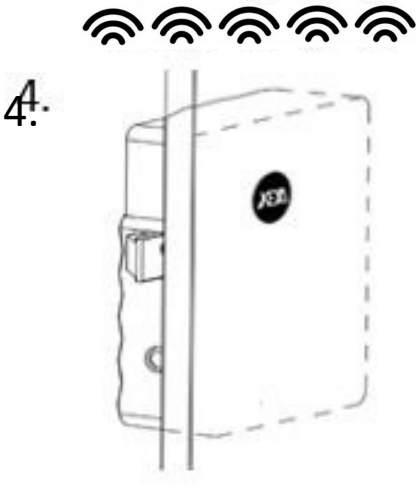
Approach the Management card and retire immediately when 1 long beep is heard



Intermittent short beeps will begin to be heard



During the intermittent short beeps, approach the Master Card and retire immediately when 2 short beeps are heard

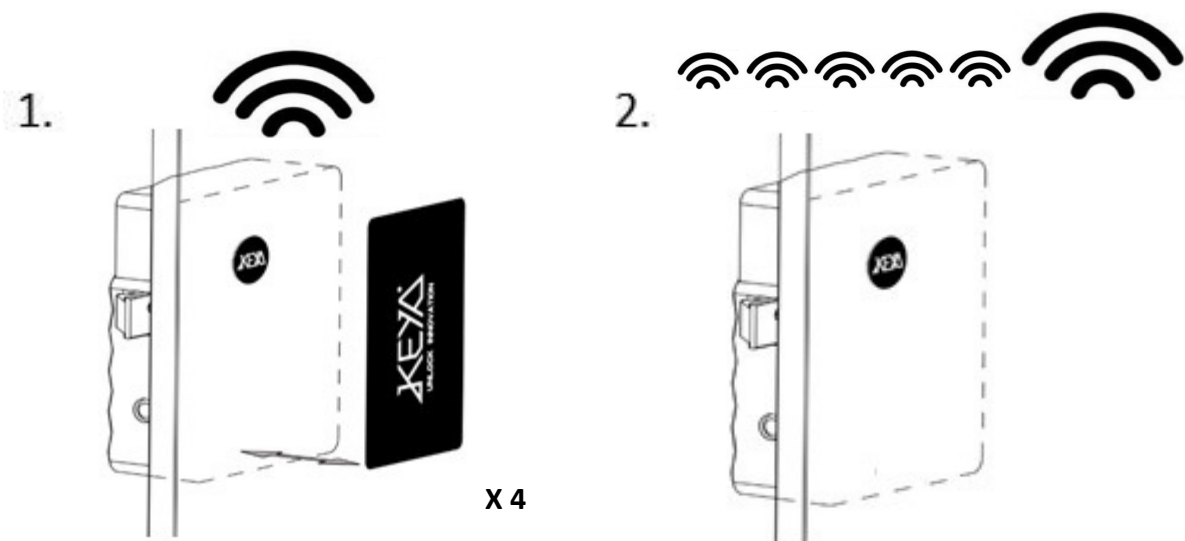


To finish the process correctly, wait 5 seconds until the ending of the programming sound

If the procedure is not followed or an error appears 3 short beeps will be heard

5.4 Deassignment of all the Master cards

To deassign all the Master cards at once, approach the Management card 4 followed times (4 beeps)



Approach the Management card and retire immediately when the beep is heard
During the intermittent beeps, repeat the process until 4 beeps are heard

To finish the process correctly, wait 5 seconds until the ending of the intermittent beeps. A last confirmation sound will be heard, that will indicate the end of the process

6 Management software



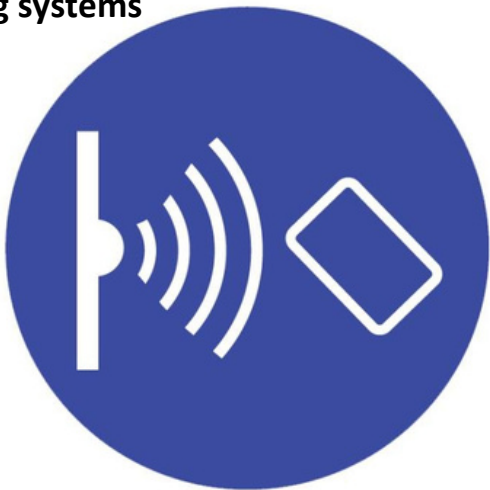
Integrating technology on existing systems

Mifare reader RD-200
Desfire reader DE-620



Control of the installation

Lockers control system
Change of parameters
Single User/Multiuser modes
Control of time
 Automatic opening
 Limited using time
Volume/Acoustic signal control



Security

Master/Inspection card
Control of events
Contador de operations



Control of users

Table Reader/programmer
Wall info terminal
Cards managing (User/Master/Parameters)
Timer of User cards



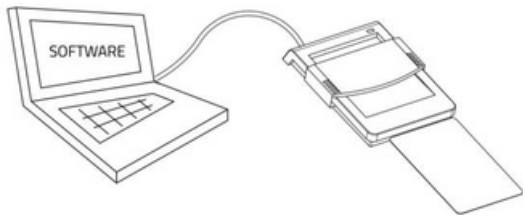
Maintenance of the installation

Indicator of cycles
Indicator of level battery (2 x CR123A batteries)
Parameters card

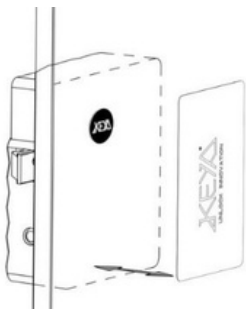
For more information:	comercial@keya.cat
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6.1 Parameters card - Software

Modify parameters to a COVERK lock

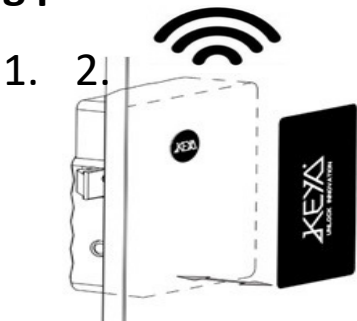


Load adjustments from the computer to the Parameters card
**See manual of the software*

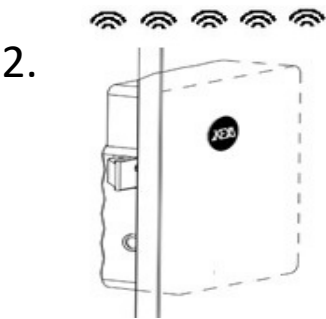


Approach the Parameters card to the lock that you wish to modify in configuration

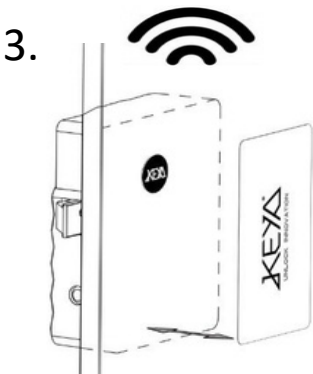
Reading parameters of a COVERK lock



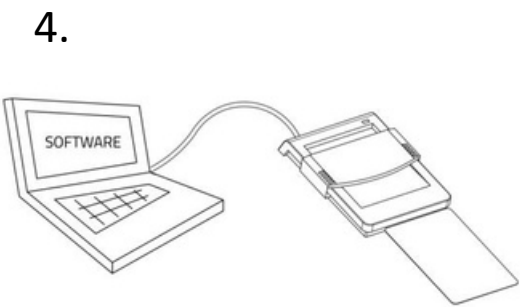
Approach the Management card and retire immediately when 1 long beep is heard



5 intermittent short beeps will be heard



During the 5 beeps, approach the Parameters card and retire immediately when 1 long beep is heard. If 3 short beeps are heard, repeat the process



Place the Parameters card in the reader to read the information with the KEYA software

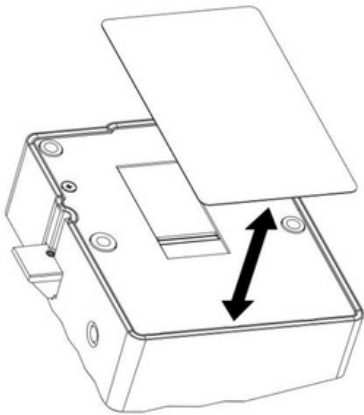
7 Specifications

7.1 Technical specifications

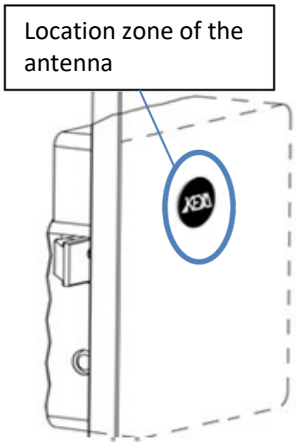
Saline fog	> 96h
Functioning temperatura	-5°C < > +70°C
Index of protection	IP 65
Latch	> 45Kgf
UV rays	> 10000h
Vibration	10 - 200 Hz 2g
Cycles of life	> 200000 ciclos
Static electricity discharge	8000 V
Batteries	2 x CR123A
Durability of batteries	> 30000 ciclos or three years
Integrable technology	Mifare Classic 1K/4K
	DESFire EV1

7.2 Functioning optimal distance

	Minimum	Optimal	Maximum
Mifare cards	1 cm	2,5 cm	3,4 cm
Desfire cards	1 cm	2,5 cm	2,8 cm

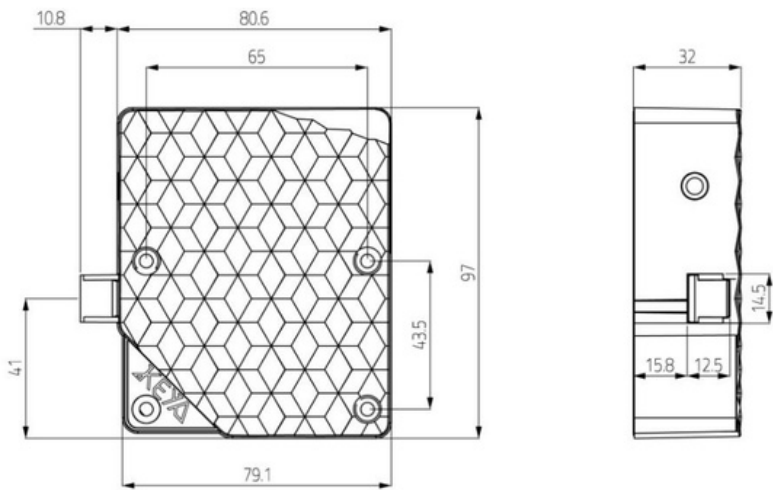


7.3 Antenna and indicator of position



For the correct functioning is obligatory to use an indicator of position to recognise the position of the antenna

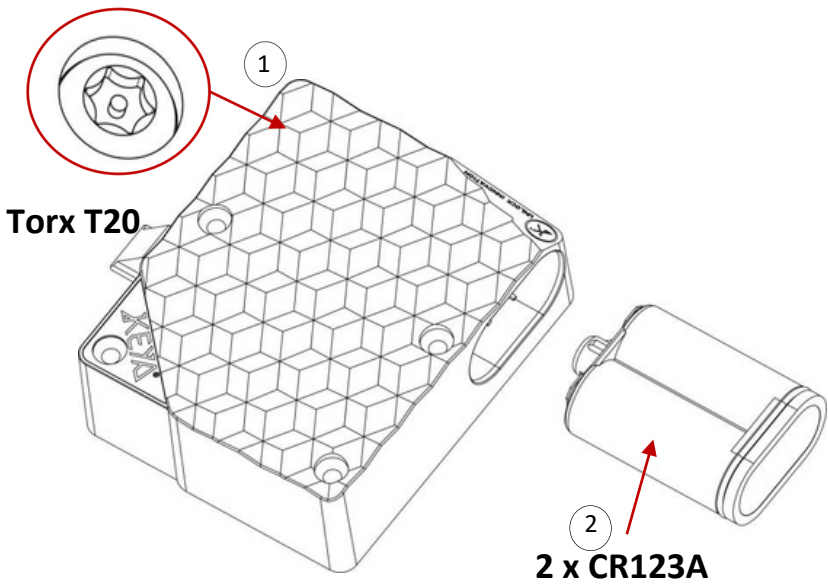
7.4 External dimensions



7.5 Substitution of batteries

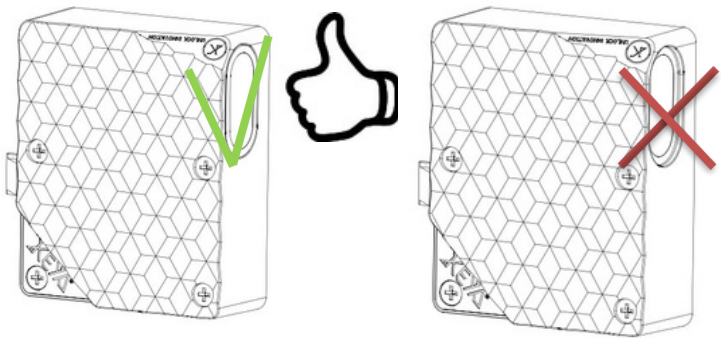
IMPORTANT:

To remove the batteries holder, loosen the screw and press its head until the batteries holder stands out. Once the batteries are changed, introduce it on the place and press until reach its final position, fixing afterwards the screw.



Attention!

THE BATTERIES HOLDER DOES NOT HAVE TO BE DIPPED IN RELATION TO THE LOCK



7.6 Level of battery

Depending on the level of battery, the COVERK lock will inform with sounds about the status of the batteries and their functionalities will be limited.

Level of battery	Predetermined acoustique signals	Acoustics signals of the battery level	Open/Close
High	Yes	No	Yes/Yes
Medium	Yes	Medium battery sound	Yes/Yes
Low	No	Alert battery sound	Yes/No

Description of the acoustics signals of Battery level

Sound	Description
Mediumbattery	[2 short and 1 long beeps]
	When passing one card to the COVERK lock, it will inform with this acoustique signal
Alertbattery	[5 short beeps]
	When passing one card to the COVERK lock, it will inform with this acoustiquesignal. It will also remain as opened until the substitution of the batteries

Attention!

Is recommendable to substitute the batteries when the system communicates its level of battery as medium or low.
If the batteries are not substituted during this period, the COVERK lock will make an automatic emergency opening and will remain opened until the substitution of the batteries, informing about any interaction with a card with 5 short beeps.

7.7 Commentstohaveinmind

In the Multiuser and Single User modes, the COVERK lock will remain opened in case of not having an assigned/deassigned User card

Warning when installing:

If during the opening manoeuvre the latch suffers an excessive strength, 5 continuous beeps will beheard.

Is recommended to adjust the against-latch to don't apply excessive pressure or review any external factor that limits the movement of the latch.



