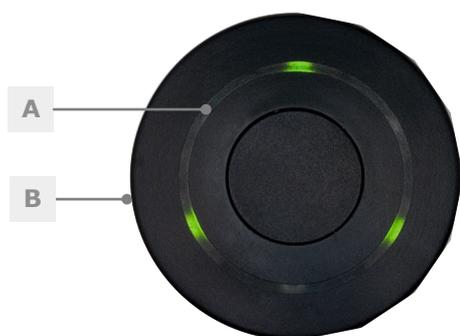


B-Smart-Lock Corona



## B-Smart-Lock Corona Mifare

## B-Smart-Lock Corona



**A** LED ring

**B** Silicone ring (around the knob)

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## General

The latest version of this guide is always available on our website: [www.burg.de](http://www.burg.de)

## Introduction

Dear Customer,

Thank you for choosing the **B-Smart-Lock Corona** - the electronic lock for locker and furniture.

This lock is particularly robust and of high quality. It acts as an organisational closure of closets, cabinets and compartments and allows convenient management of a large number of users.

**Important: please note all warnings and read through the entire operating manual before you begin configuration.**

We hope you enjoy using your new system.

Sincerely, BURG F.W. Lüling KG

## Default Settings

Programming	Multi User + occupied identifier
LED lock indicator	On
Signal tones	On
Locking	manual

## Important information

### Master card

- can open the lock at any time.
- authorised to allocate and deallocate transponders.
- authorised to enable or disable features.
- authorised to release occupied transponders.
- terminates disabled mode.

### Disabled mode

Disabled mode is activated for three minutes when one hundred unauthorised transponders are held in front of the lock in succession. In these three minutes, the lock does not accept any transponders and reacts with a red light which flashes rapidly eight times. Disabled mode can be terminated early by holding up the master card in front of the lock.

### Battery warning

If the batteries in the lock do not have sufficient power, three consecutive beeps decreasing in pitch will sound when the transponder is held up in front of the lock. Depending on the frequency of lock use, the batteries must be changed in the next two to four weeks. When the voltage is particularly low, the lock can no longer be closed or can only be opened by the master card. If the batteries are empty, no action can be performed on the lock.

### Compatibility of transponders

Transponder are used in a system for identification and authorisation on various components. This causes different components to access the same storage locations. Our locks offer the possibility to switch over to free storage space. We will gladly check your transponders for free storage spaces in advance of your order.

## Technical specifications

Dimensions	98 x 66 mm ; 39 mm Ø
Battery	Lithium battery 3V CR123A Service life: over 30,000 locking cycles
Radio standard	Mifare (13.56 MHz)
Programming	Multi User Private mode
Material	Casing: zamac Knob: plastic/ silicone
Lock attachment	Wood: screws Metal: M19 Nut
Locking direction	L, R, LAD
Latch	Latch bolt in zinc (nickel-plated)
Permissible temperature	0°- 40°C  (no formation of condensation)

## Functions adjustable via function cards

### Multi user mode (free cabinet selection)

The lock can be closed by a currently unassigned transponder. Only this transponder is authorised to open the lock again.

### Multi user mode with occupied identifier

The transponder is assigned a busy signal when it has been used to close a lock. Thus, the transponder cannot close another lock until it has opened the first lock again.

### Private mode (fixed cabinet assignment)

In this mode, a transponder is permanently assigned to one lock. Only this transponder is then authorised to close and open the lock. Up to 40 transponders can be assigned at the same time. These can also open the lock regardless of which transponder has locked it.

### Multi User Mode plus private mode

In this mode, a lock can be locked and opened by an unallocated transponder. In addition, transponder which are permanently authorised to close and open the lock can also be permanently detected.

### Automatic locking

Automatic locking can only be set in private mode. This function automatically closes the lock after a certain time.

*Note: Automatic locking cannot be set in multi-user mode.*

### Manual locking

The manual lock secures the lock only when an assigned

Mode 1	4 seconds
Mode 2	8 seconds
Mode 3	20 seconds

transponder is held in front of it. This function can be selected in private mode as an option. In multi-user mode, it is the only way of locking.

**Signal tones**

Signal tones can be turned on or off. If these are activated, a beep sounds for an unauthorised transponder, as well as opening and closing operations.

**LED-locking status indicator**

A red flash every second in the locking indicator indicates that the lock is engaged. When open, the LED does not flash. This function is optional and can be turned on or off as desired.

**Functions reset**

All functions are reset to the factory settings.

**Transponder reset**

This function deletes all assigned transponders.

*Note: The master card will also be deleted. The programming section describes how to assign the master card again.*

**Functions adjustable via PC software****Automatic locking and unlocking**

This function can be used to set the time at which a lock is to be locked or unlocked.

**Usage time window**

The usage time window defines the period during which a lock may be locked. If a lock is still closed beyond the end of the usage time window, it can still be opened. If the lock is closed at the beginning of the usage time window, it can be opened and closed depending on the modes and fixed time window.

**Locker number**

You can assign a number to the lock, which can be displayed via the BURG terminal. The locker number is written to the transponder when the transponder is held in front of the lock. The terminal displays the locker number.

**Functions adjustable via management software****Check-In**

During check-in, a transponder is held above the read-write unit and given a freely selectable future date. The lock queries this date with the transponder. If the date is in the future, the lock can be closed.

*Important: The date must be written to the correct location of the transponder and be in the future. You need to agree this with your management software provider.*

**Branch ID**

This feature can limit your users to the systems they can use. The systems need to be classified in groups for this, then a branch ID is assigned. This ID is then transferred to the locks and transponders. The transponders can then only be used on locks with the same ID. The branch IDs are encrypted.

## Configuration

### Assign master card

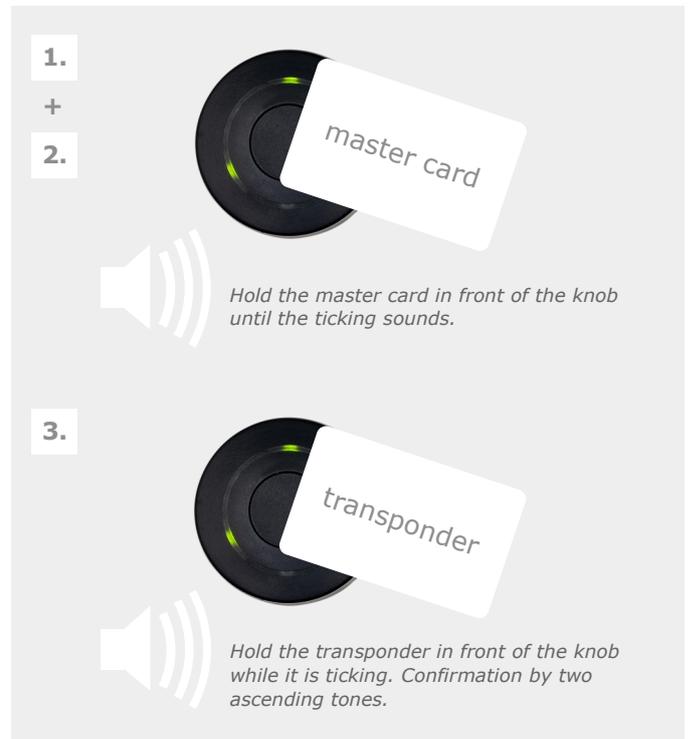


1. Open the battery compartment door. You will need a Torx 8 screwdriver.
2. Remove the right battery (left hand latch)
3. Press the white button on the board and hold it down until a ticking sounds. (Do not press the button with metallic objects.)
4. Now hold the master card in front of the knob within the next 5 seconds and while it is still ticking. Two ascending sounds confirm the successful authorisation of the master card. Assignment of the card can take up to two seconds.
5. Insert the batteries and close the battery compartment cover.

*Note: Up to three master cards can be assigned.*

### Transponder assignment

*Applies to private mode.*



1. Place the lock in the open status, so that the knob can be turned.
2. Hold the master card in front of the knob until the ticking sounds.
3. Keep the transponder which is to be assigned in front of the knob while it is still ticking. Two ascending tones confirm the successful assignment of the transponder.

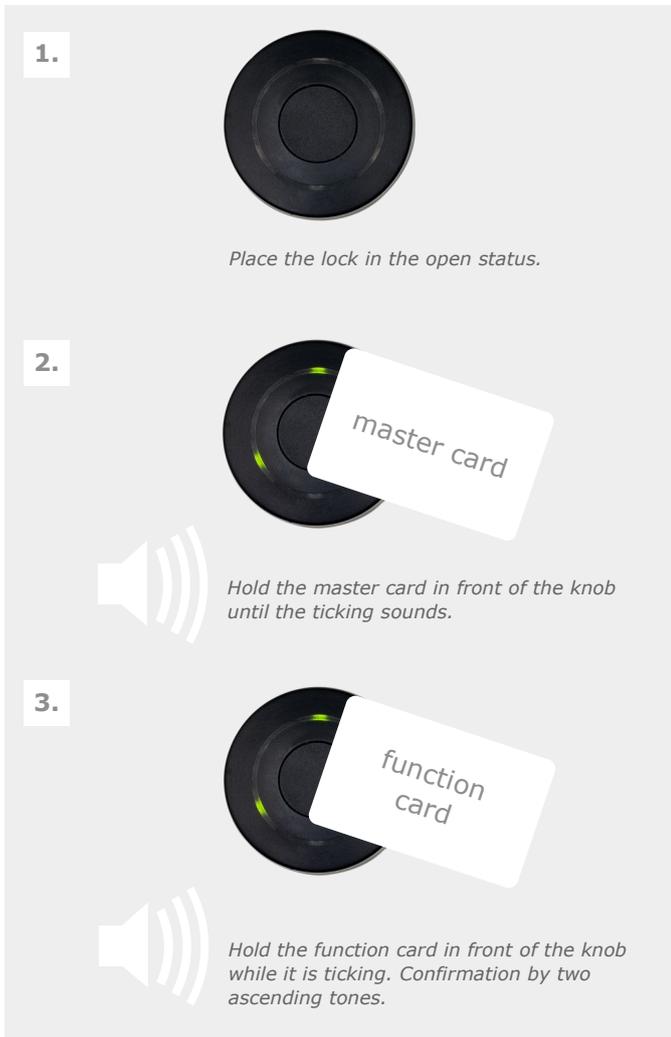
*Note: The ticking is extended by five seconds after each transponder, so you can assign more transponders.*

### Unassigning transponders (in private mode)

Use the same procedure as when assigning transponders. If you no longer have the transponder, you can unassign them using the *reset all transponder* feature.

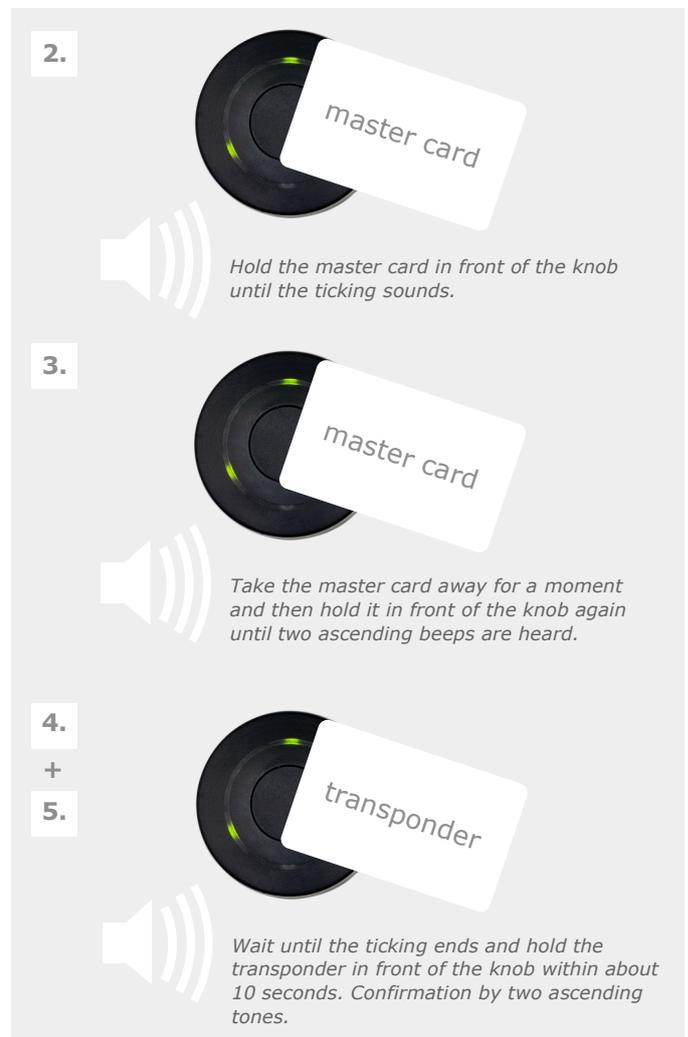
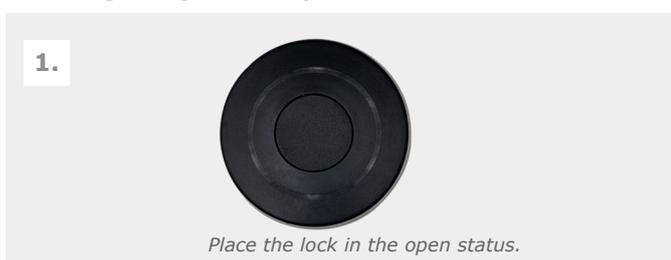
*Note: All transponders will be deleted during the reset.*

### Activate/ deactivate functions



- 1.** Place the lock in the open status so that the knob can be turned.
- 2.** Hold the mastercard in front of the knob until the ticking sounds.
- 3.** Keep the function card of the corresponding function in front of the knob while it is ticking. Two ascending tones confirm the succesful operation.

### Enabling occupied transponders



- 1.** Place the lock in the open status so that the knob can be turned.
- 2.** Hold the master card in front of the knob until the ticking sounds.
- 3.** Take the master card away for a moment and then hold it in front of the knob again. Hold the master card in front of the knob until you hear two ascending beeps that briefly interrupt the ticking.
- 4.** Wait until the ticking finishes.
- 5.** Hold the occupied transponder in front of the knob within 10 seconds. Two ascending tones confirm the successful release of the transponder.

## Operation

### Interlock

1.



Hold the transponder in front of the knob.



LED lights up red.

2.



The knob cannot be turned.

1. Close the door. Hold an approved transponder in front of the knob. The LED briefly lights up red. When the *signal tones* function is activated, two consecutive beeps are heard. When the *status indicator* is activated, the lock flashes red every second.

**Attention: The lock may only be locked when the door is closed. Otherwise, damage to the lock may occur.**

2. The rotary knob cannot be turned when it is closed.

### Unlocking

1.



Hold the transponder in front of the knob.



LED lights up green.

2.



The knob can turn 90° to the right.

1. Hold an approved transponder in front of the knob. The LED briefly lights up green. When the *signal tones* function is activated, two consecutive beeps are heard.
2. The knob can turn 90° to the right and open the door.

## Batteries

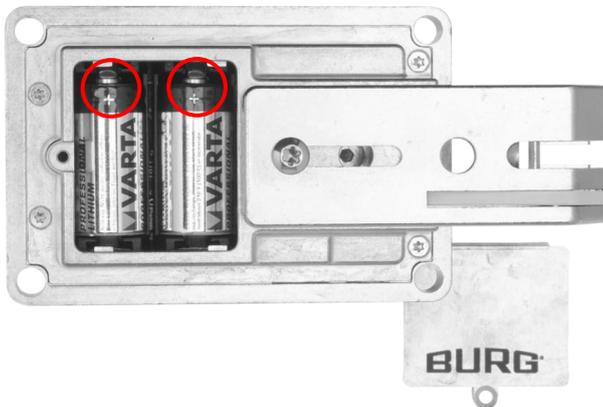
### How often should the batteries be changed?

The battery life is approximately 30,000 closing cycles. With a usage frequency of 20 confirmations per day, this means a total useful life of two years.

We recommend that you replace the batteries of all built-in locks every two years.

## Battery replacement

- A** Loosen the screw on the back.
- B** Remove the protecting plate.
- C** Remove the batteries.
- D** Insert the new batteries with both positive poles facing upwards (right hand latch).



*Note: If the latch prevents the battery compartment from opening, you need to adjust the latch. To find the correct position of the latch again after changing the battery, it is advisable to mark the position with a pencil.*

## Disposal

Electrical equipment may not be disposed of with household waste! At the end of its useful life, please take the equipment to a designated collection point.

As a company selling batteries or rechargeable batteries, or devices which are operated with batteries or rechargeable batteries, we are obliged to provide the following information about the relevant regulations and obligations concerning battery legislation:

Used batteries should not be put in household waste. Consumers are legally obliged to bring batteries back to a suitable collection point either at a retailer or the municipality for disposal. You will not be charged for disposal. You can also send your used batteries back to us. Postage must always be fully prepaid on batteries/rechargeable batteries returned to us for disposal:

### **BURG F.W. Lüling KG**

Volmarsteiner Straße 52  
58300 Wetter (Ruhr)  
Germany

Used batteries may contain contaminants or heavy metals that can be harmful to the environment and health. Furthermore, batteries contain valuable materials which can be recycled. The environment and PCE Deutschland GmbH thank you.

The waste bin sign means: Batteries and rechargeable batteries must not be disposed of in household waste.

The signs below the waste bin stand for:

Pb: Battery contains lead

Cd: Battery contains cadmium

Hg: Battery contains mercury



### **Lüling KG**

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