

BSL Master 4.2



B-Smart-Lock Master

GB Operating manual

B-SMART-LOCK
MASTER

www.burg.de

B-Smart-Lock Master



A screw holes

B programming button

Introduction

Dear Customer
Thank you for choosing the B-Smart-Lock Master electronic furniture lock. This lock was designed to meet the unique requirements of the furniture industry. It enables organisations to secure cabinets, display cases, lockers and drawers. The B-Smart-Lock is particularly well-suited to installations in which the appearance of high-class finishes is not disrupted by the presence of a lock.

Important: Please read and observe all warnings and instructions before you begin programming.

We hope you will enjoy your new locking system.

Yours faithfully,

BURG F.W. Lüling KG

Important details

Please take heed of the following notes for secure operation of the B-Smart-Lock Master:

- The antennae inside the locks must be installed at most 5 cm from each other at the side face and at most 15 cm from each other at the back panel.



- The fixing screws must not be tightened to more than 1.5 N.
- Other systems in the vicinity may lead to malfunctioning of the B-Smart-Lock Master.
- The radio waves of the transponder will not penetrate metal.

General

This guide has been prepared according to the current state of our knowledge. Legal claims to correctness do not obtain. Technical changes reserved.

BURG F.W. Lüling KG assumes no liability for incorrectly installed parts and resulting damage to property or persons.

Technical Data

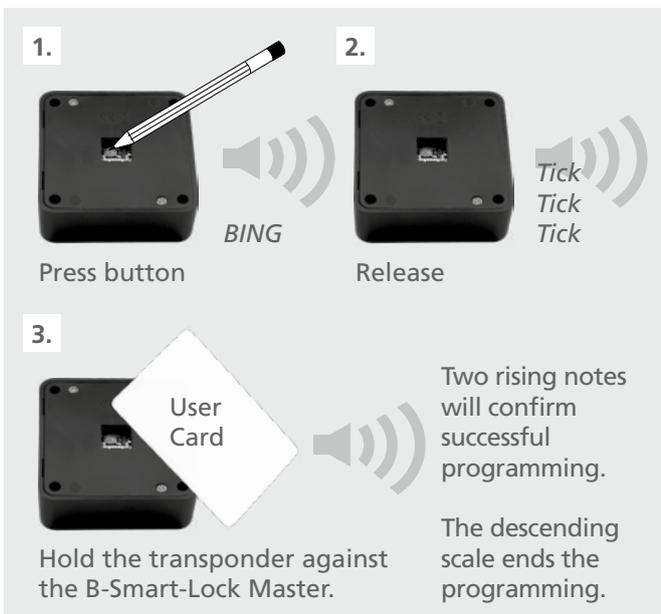
Dimensions	60 x 60 x 22 mm
Power Supply	Converter 3,6 V DC
Battery	Lithium Battery 3 V, CR123A Service Life: 10.000 close cycles
Permissible Temp.	0°–40°C (no water condensation)
RFID Working Frequency	125 kHz (EM4200, T 5577)
Lock Casing Material	Plastic
Locking Direction	R, L and DRA
Lock Fixing	Screw
Lock	Bolt
Capacity	Up to 32 transponders/lock

The Beginner's Set

Factory settings remain in place. The transponder can be programmed and deprogrammed. For this you need the following:



Programming the Transponder



1. Press the button on the back until a "bing" sounds.
2. When the "bing" sounds release the button. You will now hear a ticking sound coming from the B-Smart-Lock Master.
3. Hold the transponder against the B-Smart-Lock Master. Two rising notes will sound to confirm successful programming. Wait a moment. The descending scale concludes the process.

Important

You can program several transponders one after the other. The ticking will lengthen by 4 seconds after each transponder.

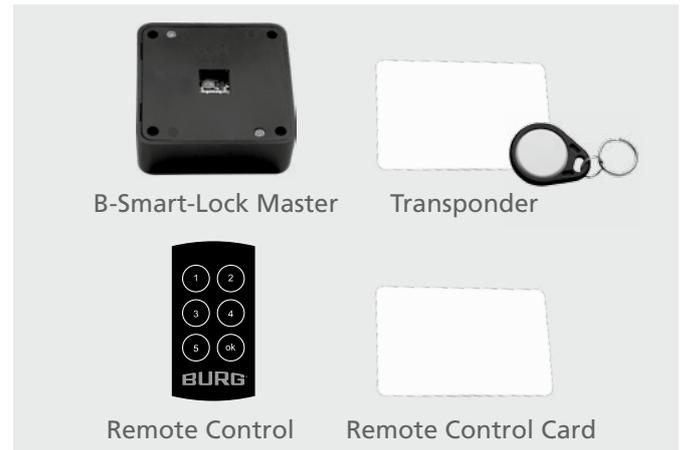
Deprogramming the Transponder

Follow the same steps as under "Programming the Transponder". Four loud beeps will confirm successful deprogramming.

The Expert Set

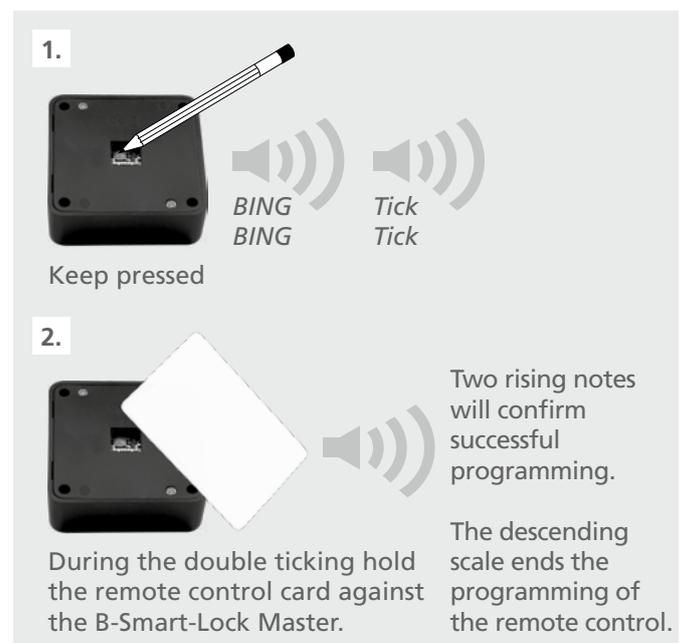
With the expert set you can individually adjust the factory settings and program and deprogram the transponder.

Programming and Deprogramming by Remote Control
For this you need the following:



Programming and Deprogramming Transponder by Remote Control

1. Program remote control card (onetime).
The remote control card is needed to put the lock in remote control mode. Only in this mode can the lock react to the remote control.



1. Press the button on the back continuously until two successive "bings" are heard. You will now hear a double ticking sound coming from the B-Smart-Lock Master.
2. During the double ticking hold the remote control card against the B-Smart-Lock Master. Two rising notes will sound to confirm successful programming. Wait a moment. The descending scale concludes the process.

2. Enter storage space in the remote control
The remote control can contact specific storage spaces and program and deprogram transponders there. This allows easy management of the transponders. There are 32 storage spaces in total. The storage spaces are actuated by start numbers 53XX and 54XX.

Actuation of storage spaces:

Storage	Actuation via	Storage	Actuation via
1	5311	17	5411
2	5312	18	5412
3	5313	19	5413
4	5314	20	5414
5	5321	21	5421
6	5322	22	5422
7	5323	23	5423
8	5324	24	5424
9	5331	25	5431
10	5332	26	5432
11	5333	27	5433
12	5334	28	5434
13	5341	29	5441
14	5342	30	5442
15	5343	31	5443
16	5344	32	5444

Management example:

Storage	Actuation	Name	Transponder	Dept.
1	5311	Meier	232923401	Marketing
2	5312	Schäfer	623489723	Vertrieb
3	5313	Wirth	234561123	FuE
4

Important

As you are actuating a specific storage space here, you can only program one transponder. An entry will stay stored in the remote control for about 4 minutes. An entry is ended after 5 seconds or by pressing the OK key. If you enter a number sequence that is too short or not in the table, a warning signal will sound on transfer to the lock.

For the next steps store a user position (e.g. 5311).



- Put the B-Smart-Lock Master in remote control mode.
- Transfer the storage space entered in the remote control to the lock.
- Program the transponder.

Carry out all the steps in rapid sequence, otherwise the lock will end the remote control mode and you will have to start again.

1.

Hold the remote control card against the B-Smart-Lock Master.

An ascending scale will sound. **Quickly** aim the remote control at the B-Smart-Lock Master and press "OK" **before** the descending scale comes. A **ticking** will sound.

2.

Hold transponder against B-Smart-Lock Master **during ticking**.

Two rising notes confirm successful programming.

1. Hold the remote control card against the B-Smart-Lock Master. A rising scale will sound. Hold the remote control quickly on the B-Smart-Lock Master and press the "OK" key. This must be done before the descending scale.
2. While the ticking is sounding, the transponder must be held against the B-Smart-Lock Master. Two rising notes confirm successful programming of the remote control card.

Deprogramming the Transponder

Enter the position to be deleted (e.g. 5311).

1.



Hold remote control card against B-Smart-Lock Master.

An ascending scale will sound. Hold the remote control against the B-Smart-Lock Master and press "OK" before the descending scale comes. A **ticking** will sound.

2.

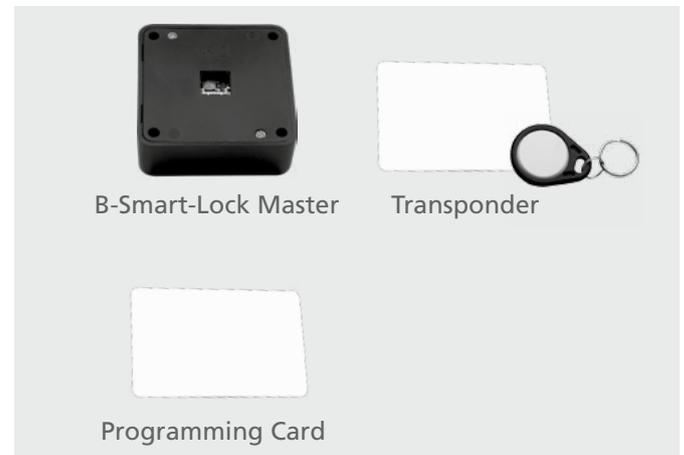


Now simply wait until the ticking stops. The transponder is deleted. A descending scale will sound.

1. Hold the remote control card against the B-Smart-Lock Master. A rising scale will sound. Hold the remote control on the B-Smart-Lock Master and press the "OK" key. This must be done before the descending scale.
2. Now simply wait until the ticking stops. The transponder is now deleted. A descending scale will sound.

Programming and Deprogramming with the Programming Card

For this you need the following:



Programming the Programming Card (onetime)

1.



Press button

2.



Release

3.



Programming Card

Two rising notes will confirm successful programming.

Hold the programming card quickly against the B-Smart-Lock Master.

The descending scale ends the programming.

1. Press the button on the back continuously until three successive "bings" are heard. Release the button.
2. Hold the programming card quickly against the B-Smart-Lock Master. Two rising notes will sound to confirm successful programming. The descending scale ends the programming.

Programming the Transponder

1.



Tick
Tick

Hold the programming card against the B-Smart-Lock Master.

2.



Tick
Tick

Two rising notes will confirm successful programming.
The descending scale ends the programming.

Hold the transponder against the B-Smart-Lock Master.

1. Hold the programming card against the B-Smart-Lock Master. A ticking noise will sound.
2. Hold the transponder against the B-Smart-Lock Master. Two rising notes will confirm successful programming. The descending scale ends the programming.

Important

You can program several transponders one after the other. The ticking will lengthen by 4 seconds after each transponder.

Configuring Settings

1. Program remote control card (onetime).
Explanation: The remote control card is needed to put the lock in remote control mode. Only in this mode can the lock react to the remote control. You need only carry out this step if you have not yet programmed a remote control card.

Programming the Remote Control Card (onetime)

1.



BING
BING

Tick
Tick

Keep pressed

2.



Two rising notes will confirm successful programming.
The descending scale ends the programming of the remote control.

During the double ticking hold the remote control card against the B-Smart-Lock Master.

1. Press the button on the back continuously until two successive "bings" are heard
2. During the double ticking hold the remote control card against the B-Smart-Lock Master. Two rising notes will confirm successful programming. The descending scale ends the programming.

You need only carry out this step if you have not yet programmed a remote control card.

2. Enter command in remote control.
Actuate function, e.g. acoustic signal on opening ON via 5111

Function	ON	OFF
Acoustic signals on opening/Unknown card	5111	5211
Manual closing*	5112	5212
Double automatic closing time**	5113	5213
Quadruple automatic closing time**	5114	5214
Door open alarm after approx. 20 sec.	5122	5222
Onetime manual closing	5142	5242
Suppress interf. alarm	5144	5244
<i>Group function: Only programmable by BURG</i>		

* Only works when Onetime Manual Closing is OFF.
Also both Automatic Closing functions must be OFF.

**Only works when Manual Closing is OFF. The standard time for automatic locking is 3 seconds.

3. Put the B-Smart-Lock Master in remote control mode
4. Transfer the remote control command to the B-Smart-Lock Master

1.



Hold the remote control card against the B-Smart-Lock Master.

A rising scale will sound. Hold the remote control against the B-Smart-Lock Master and press "OK" before the descending scale comes.

2.



Two rising notes will confirm successful programming.

1. Hold the remote control card against the B-Smart-Lock Master. A rising scale will sound. Hold the remote control on the B-Smart-Lock Master and press the "OK" key. This must be done before the descending scale.
2. Two rising notes will confirm successful programming.

General Notes

Acoustic Signals on Opening / Unknown Card

Two confirmation notes will sound on opening and closing. Three loud notes will also sound when an unauthorised card is held out.

Manual Closing

If the function is ON, a lock will not close automatically but only when the transponder is again held against the lock.

Double Automatic Closing Time*

Doubles the automatic closing time stored in the lock. This is 3 seconds as standard. If this function is used that would make it 6 seconds. If the 3 seconds had already been quadrupled it would make it 24 seconds (3 x 4 x 2).

Quadruple Automatic Closing Time*

See explanation for doubling automatic closing time.

Extra High Card Recognition Sensitivity

If there is no interfering element in the vicinity, this function can be switched ON. This increases the specifications on the minimum ranges of transponders although precise specifications cannot be given. But the minimum gap that must be maintained between two locks also increases.

Door Open Alarm after Approx. 20 Seconds

If the lock is separated from the closing part for 20 seconds, a warning signal will sound. If the alarm is set, the lock and closing part should only be brought together in the installed position.

Break-in Alarm

If the door to which the lock is attached is shaken to and fro, this is registered via the magnets on the closing part and the lock will give off a warning signal.

Onetime Manual Closing

If a user normally wants a lock to close automatically but still occasionally wants to close the lock manually if necessary, this function can be switched ON. If this has been done it will be activated by holding the transponder against the lock for 3 seconds on opening.

Suppress Interference Alarm

If there is an interfering element (another lock, another system, a moving metal part) in the immediate vicinity of the lock, the lock will give off warning sounds at regular intervals. After 30 warning sounds a warning tune will sound. This alarm can also be suppressed. The interference alarm is active on delivery.

Disposal of the B-Smart-Lock Master

Electronic devices must not be disposed of in domestic refuse. At the end of its useful life take the device to a designated collection point.

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