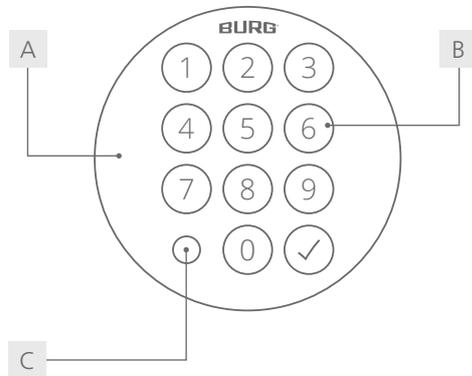


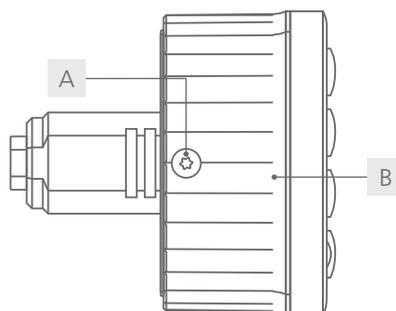


Maxivo.Code
Operating Manual

Maxivo

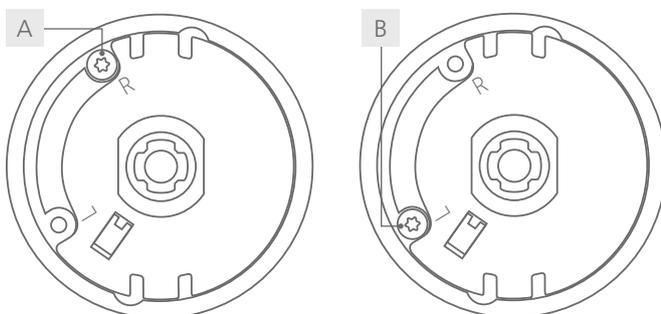


- A knob
- B keypad
- C status LED / emergency power supply



- A battery compartment screw
- B battery compartment

Locking direction



- A Screw for locking direction set to "R" for right-hinged doors.
- B Screw for locking direction set to "L" for left-hinged doors.

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General

The latest version of this guide is available at:
www.burg.de

Important notes:

- Please observe all important notes and read the entire operating manual before starting the configuration.
- Before putting the locking system into operation, refer to "Commissioning" on page 5 and check the battery capacity.
 (For help, see "Battery warning" on page 4.)

Factsheet

Front view



Back view



Technical Data

Dimension	Ø 57 mm, depth 31 mm
Battery ¹	VARTA ¹ CR123A (1x)
Locking cycles	up to 30.000 ²
Material	housing: zamak keys: stainless steel stator: zamak
Humidity (rel.)	10% to 80%
Temperature range	working temperature: 0°C bis 55°C storage temperature: -20°C bis 70°C
Degree of soiling	2
IP class	IP30
Application areas	indoor
Mounting dimension	stator: 16 mm x 19 mm
Max. door thickness	19 mm
Lock attachment	M19 nut (1x)
Cam type	B
Locking direction	left (90°), door hinge: DIN right right (90°), door hinge: DIN left
Mode	multi-user mode (default), private mode code generator ³
No. of possible codes	999,999
Code length	4- / 6-digit
No. of master codes	max. 1
No. of user codes	max. 50 (private mode)

Default Settings

general code	by arrangement
Mode	multi-user mode
Master code	934716
Code length	4-digit
LED locking indication	on (multi-user mode)
Confirmation code	off

Scope of Delivery

To use the RTC function, the battery must be installed at the factory.

- 1x locking system
- 1x M19 Nut
- 1x cam fixing screw ⁴ (M6 x 12 mm / T30)
- 1x battery compartment
- 1x battery compartment screw M2,5 x 5 mm (premounted)
- cam type B (order-related)

Optional Accessories

- battery ¹ (VARTA ¹ CR123A)
- emergency power supply kit

¹ The lock is approved for VARTA brand batteries. The use of other batteries may lead to malfunctions (s. point „battery note“).

² Test value for consecutive locking cycles with one set of VARTA batteries. In everyday use, factors such as usage profile, temperature-dependent self-discharge, battery quality, and the standby current of the electronics limit the achievable number of cycles. The actual number may therefore vary. For further information, see p. 10 “ Information on battery life”.

³ Programming must be ordered ex works from BURG. For further information, please contact your BURG representative.

⁴ The use of a screw with a different length may cause damage to the lock.

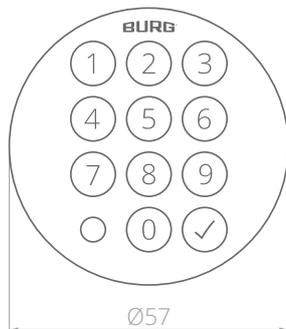
Features

- housing made of sturdy zamak with black powder coating
- stainless steel keys
- simple configuration and programming
- integrated real-time clock (RTC)
- easy to retrofit, e.g. to replace mechanical locks
- can be used in wooden and metal doors (indoor)
- adjustable cam (in 90° steps)
- LED lock indicator

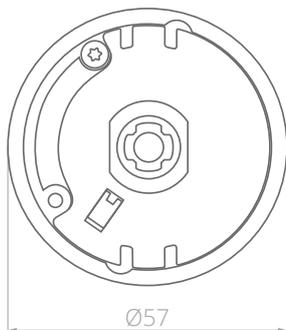
Product Dimensions ¹

All dimensions are in millimeters.

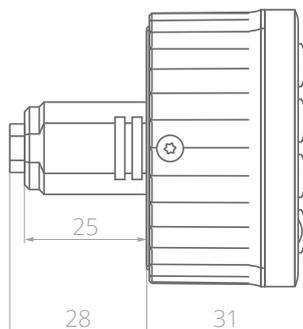
Frontview



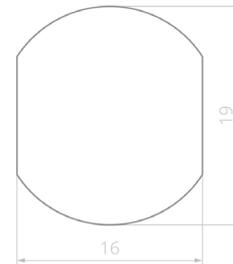
Backview



Sideview



Mounting Dimensions ¹



Functional Description

Mode: multi-user authorization (multi-user mode)

This mode is suitable for changing user groups where the locker is only used temporarily or once, e.g. in a sports facility. Codes are valid for a single locking process and are deleted from the lock when the compartment is reopened. The lock remains open until a new code locks the lock again.

Mode: fixed assigned authorization (private mode)

In this mode, a code is preset with which the lock can be operated. This mode is suitable for user groups where the usage rights should not change permanently, e.g. for an office cabinet. The lock can only be operated with a stored code. Codes that are not stored are rejected by the lock.

Confirmation code (for multi-user mode)

To lock the lock, the code must be entered twice. The lock locks after the second entry. The second entry is made after the green LED flashes briefly. A simple code entry is sufficient to open the lock. This function can be turned on or off.

Block mode

If the code is entered incorrectly three times in a row, the lock will lock for 45 seconds. The red LED will flash at short intervals. During this period, the lock cannot be operated. The block mode can be canceled prematurely by entering the master code.

LED locking indication

If the lock is locked, the red LED flashes at short intervals. This function can be turned on or off.

Automatic locking (for private mode)

After unlocking, the lock locks automatically after a few seconds.

Battery warning

If the battery voltage falls below a certain level (*phase 1*), the red LED lights up for a few seconds when the code is entered. The lock can still be operated. If the voltage drops further (*phase 2*), the lock can no longer be operated. The red LED flashes at short intervals.

¹ Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

Functional Description RTC (Real-Time-Clock)

The lock also has an integrated real-time clock that can be used to program time-related functions. The functions and the defined times must be specified when ordering. Programming is carried out exclusively by BURG. In order to use the RTC function, the battery must be inserted at the factory.

Automatic locking and unlocking

The lock automatically locks and unlocks at a defined time. The times can be set separately for each day of the week.

Period of use

The lock can only be operated within the individually defined period of use. Operation is not possible outside this period. The times can be set separately for each day of the week.

Locking time

The locking time defines the maximum period for which a lock may remain closed from the moment it is locked. Once the locking time has expired, the lock opens automatically.

LED Signals

Green LED (1x flashing)

Acceptance of authorized codes.
Successful opening process.
Successful configuration process.

Green LED (2x flashing)

Successful configuration step.

Red LED (flashing)

Closed state / block mode.

Red LED (short flashing) when entering code

Battery power decreases.

Red LED (8x flashing)

Rejection of unauthorized codes.
Incorrect entry during the configuration process.

Commissioning

1 First steps

1. Remove the lock from packaging and open the battery compartment (for help, see page 9 "Battery change").
2. Insert the battery according to the (+ / -) symbols. Close the battery compartment. The lock is now ready for use.
3. Set private master code (chapter: Configuration, point 1: „Master code setting“).

Master Code Entry

- The **master code** is always entered by pressing **2x** the hook key followed by the **digit 1** and ended by pressing **1x** the hook key.
- In multi-user mode, the code used for locking is deleted after the master code is entered.

1. Enter master code:

✓✓ 1 master code ✓

The **green** LED flashing **2x** confirms the successful process.

Configuration

- Each configuration step is started by entering the master code, **2x** hook key and entering the corresponding digit.
- The **master code** is always entered by pressing **2x** the hook key followed by the **digit 1** and ended by pressing **1x** the hook key.
- Each configuration step is completed with the **green** LED flashing **2x**. Only then the next configuration step can be started.
- The **red** LED flashes **8x** to indicate that the configuration step has not been carried out correctly or the code / master code has not been entered correctly.

1 Master code setting

Up to **1** master code can be stored. The master code must be 6 digits long.

1. Enter old master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Set new master code:

✓✓ 7 xxx xxx ✓

The **green** LED flashing **2x** confirms the successful process.

2 Mode change

When changing modes, all functions are reset to the default settings. The master code remains unchanged

a) Multi-user mode

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Set the mode:

✓✓ 5 1 ✓

The **green** LED flashing **2x** confirms the successful process.

a) Private mode

When switching to private mode, a private code must be set before use (chapter: Configuration, step **3b** "Set code"). If no code is set, the lock cannot be locked.

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Set the mode:

✓✓ 5 0 ✓

The **green** LED flashing **2x** confirms the successful process.

3. Set the code.

3 Code configuration

a) Set the code length

When the code length is changed, all codes stored in private mode are deleted (master code excluded).

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Set the code length (4-digit to default setting):

✓✓ 0 4 ✓ (4-digit)

✓✓ 0 6 ✓ (6-digit)

The **green** LED flashing **2x** confirms the successful process.

b) Set the code (private mode)

Up to 50 codes can be stored. The code length is 4 or 6 digits, depending on the setting.

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Set the code:

✓✓ 3 xxxx (xx) ✓

The **green** LED flashing **2x** confirms the successful process.

c) Delete the code (private mode)

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Delete the code:

✓✓ 9 xxxx (xx) ✓

The **green** LED flashing **2x** confirms the successful process.

4 Function setting

a) Automatic locking (private mode)

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Activate / deactivate mode:

✓✓ 6 1 ✓ (activate)

✓✓ 6 0 ✓ (deactivate)

The **green** LED flashing **2x** confirms the successful process.

b) Confirmation code (multi-user mode)

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Activate / deactivate mode:

✓✓ 2 1 ✓ (activate)

✓✓ 2 0 ✓ (deactivate)

The **green** LED flashing **2x** confirms the successful process.

c) LED locking indication

1. Enter master code:

✓✓ 1 master code ✓

Wait for the **green** LED flashing **2x**.

2. Activate / deactivate mode:

✓✓ 8 1 ✓ (activate)

✓✓ 8 0 ✓ (deactivate)

The **green** LED flashing **2x** confirms the successful process.

5 Reset to Default Settings

If you have not requested your own general code when placing your order, the Maxivo can only be reset by a chargeable service call. We reserve the right to offer this service only in exceptional cases.

1. Enter general code:

✓✓ 4 Generalcode ✓

Wait for the **green** LED flashing **2x**.

Operation

1 Multi-user mode

a) Lock (manually)

If the confirmation code is activated, the code used for locking must be entered **2x** in succession.

1. Enter code:

xxxx (xx)

The **green** LED flashing confirms the successful process.

b) Unlock

1. Enter code:

xxxx (xx)

The **green** LED flashing confirms the successful process.

2 Private mode

a) Unlock

1. Enter code:

xxxx (xx)

The **green** LED flashing confirms the successful process.

b) Lock (automatically)

1. The lock closes automatically after a few seconds. To close it, the door must be closed and the knob turned back to its original position.

3 Unlock with master code

In multi-user mode, this process deletes the code used for closing from the lock. In private mode, the stored codes remain stored.

1. Enter master code:

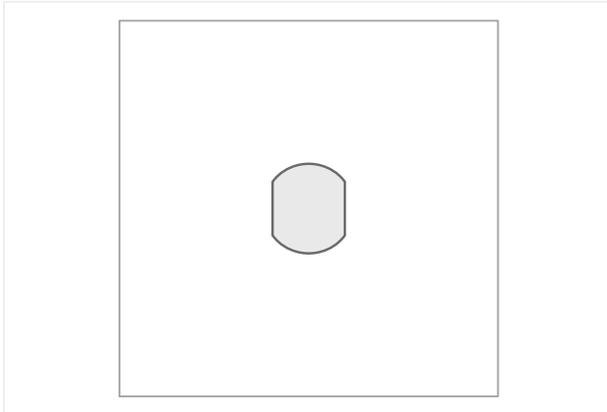
✓✓ 1 master code ✓

The **green** LED flashing **2x** confirms the successful process.

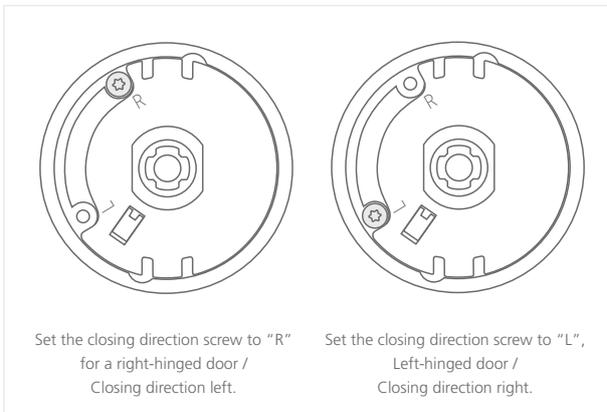
Assembly

Mounting dimensions and templates (STEP files) for milling, punching or lasering can be requested from BURG.

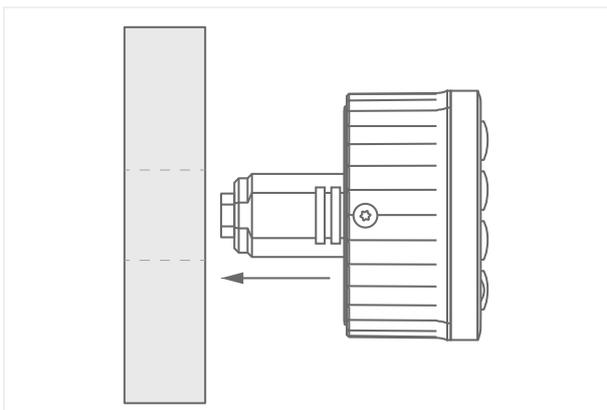
- 1 Prepare the mounting holes on the door front according to the installation dimensions (dimensions on p. 4).



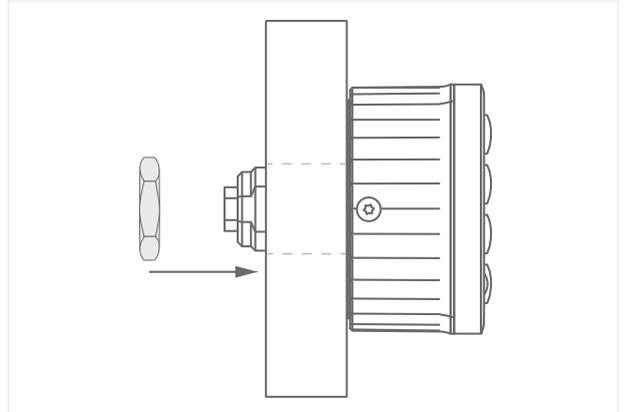
- 2 Adjust the closing direction if necessary. The closing direction is set to "left" (door hinge: DIN right) in the delivery state.



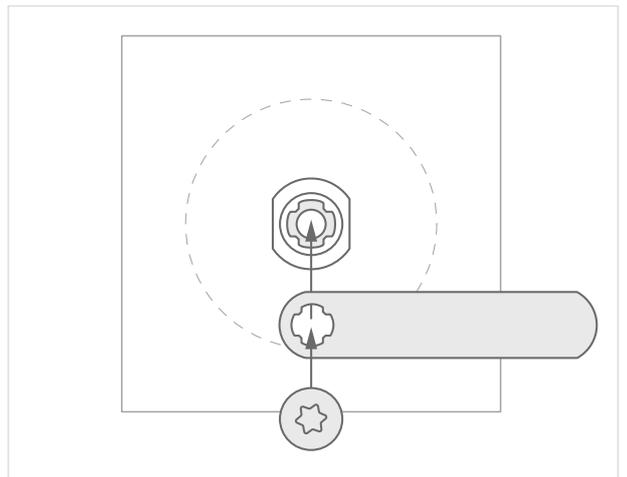
- 3 Insert the lock from the front (outside of the door) into the mounting hole and hold it in this position. The lock must be straight and the BURG logo must be at the top.



- 4 Place the M19 nut on the stator from behind and tighten it by hand using a socket wrench (SW22).



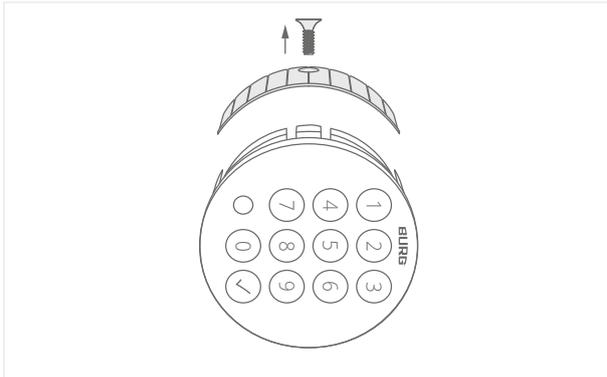
- 5 Attach the cam. Tighten it using the cam fixing screw and a Torx screwdriver (TH 30). The bar position can be adjusted in 90° increments.



Battery Change (right-hinged doors)

Move the lock to the open position. The battery compartment cover can only be removed in this position.

- 1 Loosen the screw on the battery compartment and remove the cover.

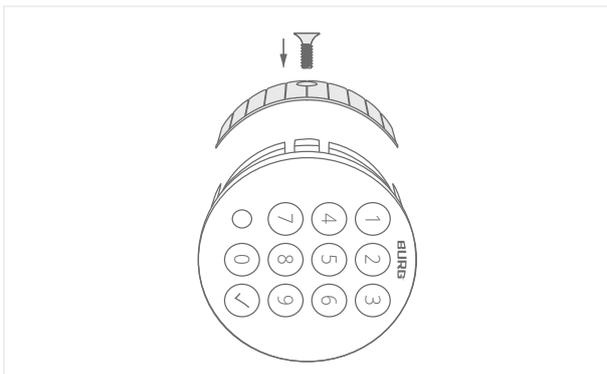


- 2 In multi-user mode, this process deletes the code used for closing from the lock. In private mode, the stored codes remain intact.

Remove the empty battery and insert a new battery according to the symbols (+ / -).



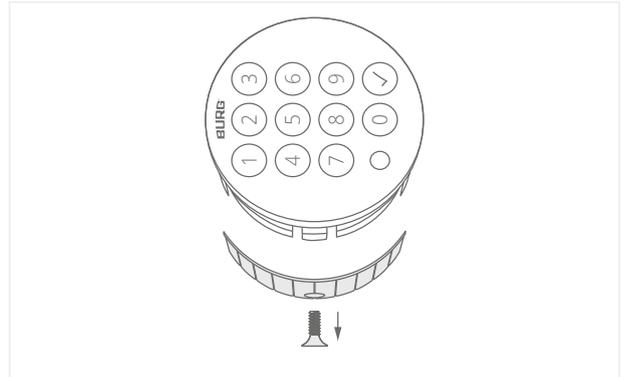
- 3 Close the battery compartment with the cover and secure it with the screw.



Battery Change (left-hinged doors)

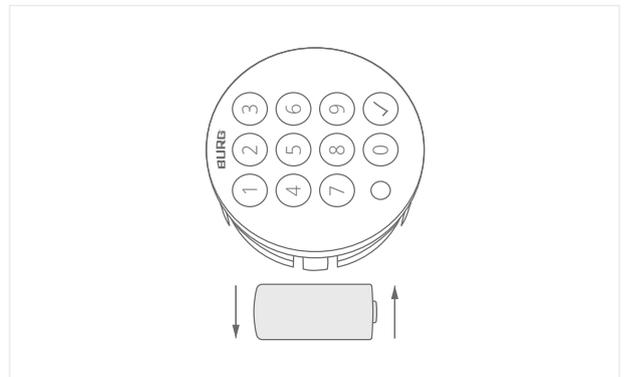
Move the lock to the open position. The battery compartment cover can only be removed in this position.

- 1 Loosen the screw on the battery compartment and remove the cover.

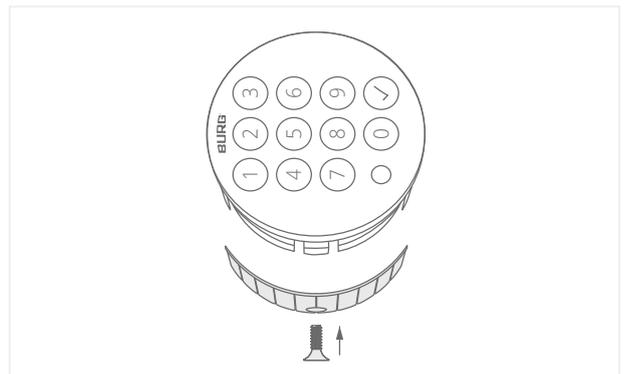


- 2 In multi-user mode, this process deletes the code used for closing from the lock. In private mode, the stored codes remain intact.

Remove the empty battery and insert a new battery according to the symbols (+ / -).



- 3 Close the battery compartment with the cover and secure it with the screw.



Disposal and Battery Note

EU Directive 2012/19/EU regulates the proper take-back, treatment and recycling of used electronic devices.

Every consumer is legally obliged to dispose of batteries, rechargeable batteries or electrical and electronic devices ("old devices") that are powered by batteries or rechargeable batteries separately from household waste, as they contain harmful substances and valuable resources. They can be disposed of at an approved collection or take-back point, e.g. a local recycling center. Old appliances, batteries and rechargeable batteries are accepted there free of charge and recycled in an environmentally friendly and resource-saving manner. Old electrical appliances, used batteries or rechargeable batteries can also be returned to us. The return shipment must be sent with sufficient postage to the address below. The following symbol on waste electrical equipment, batteries or rechargeable batteries indicates that they must not be disposed of with household waste:



Important notes on the use of batteries:

- The use of high-quality brand batteries is essential for the correct functioning of the locking system. BURG locking systems are approved ex works for the specified industrial batteries of the VARTA brand. The use of batteries of other brands can lead to a reduced number of possible locking cycles as well as to limited functionality and functional problems, as experience has shown that batteries of other brands even with the same specifications have different performance characteristics. BURG does **not guarantee** the functionality of the locking system when using batteries of a brand other than those specified above.
- If both batteries are removed at the same time when changing the batteries or over a longer period of time, settings relating to the integrated real-time clock (RTC) will be lost.
- The battery may explode or release flammable gases if it is handled incorrectly, destroyed or the wrong type of battery is used. Do not recharge the battery, disassemble it, expose it to extremely high temperatures or throw it into a fire. Batteries containing harmful substances are labeled with abbreviations for the substances cadmium (*Cd*), mercury (*Hg*) and lead (*Pb*). If the lock is not used for a longer period of time, the batteries must be removed.

Information on battery life



For online viewing,
click on QR codes.

Conformity / Certification

CE Declaration of Conformity

Hereby, **BURG Lüling GmbH & Co. KG** declares that the radio equipment, type **Maxivo**, is in conformity with directives 2014/30/EU and 2011/65/EU. The full text of the EU Declaration of Conformity can be found at the following link:



https://www.burg.de/files/downloads/Declaration-of-Conformity/BURG_DoC_Maxivo_EN.pdf

Guarantee and Warranty

The warranty is subject to the statutory provisions. If you have any questions, please contact a specialist dealer or use the contact details below. Spare parts can be found at specialist dealers or at: **www.burg.shop**

Cleaning and Care Instructions

Remove the batteries before cleaning the appliance. Carefully clean the surfaces of the appliance with a damp, clean cloth. Chemical cleaning agents must not be used. Do not allow dust or liquids to enter the device.

Contact

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