



Electronic Door Lock

en Installation and operating instructions

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BW_Keypad_BA_eE_0111101_eba/kfs 01/2017

Introduction

Congratulations on this BURG-WÄCHTER quality product! Thank you for choosing the electronic door locking system secuENTRY from BURG-WÄCHTER. This system has been manufactured according to the most recent technical possibilities and conforms high requirements of security. With this, you receive the ident medium keypad. The keypad used with the series secuENTRY, secuENTRY easy, secuENTRY 7000 pro and secuENTRY 7100 pro and is available in following versions:

- PINCODE
- FINGERPRINT

The keypad communicates with the separate secuENTRY cylinders or secuENTRY 7071 Relay which need to be introduced prior to commissioning. The communication of keypad and cylinder is encoded.

Contents of this manual

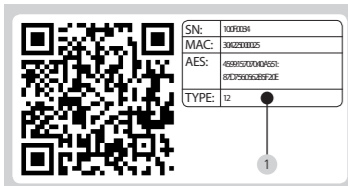
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| A General information | E Changing batteries |
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A. General information

Please read the instruction manual carefully before starting with assembling and programming. Store it away well. We wish you much joy with your new locking system.

QR code

Attached to every secuENTRY keypad, there is a QR code that is only needed for an integration into a locking system via the optional secuENTRY software.



1 Keypad
(SN; MAC; AES; Type)

Attention! With a loss of the QR code, an integration of the keypad into the software is not possible anymore. Please store it away safely!

Tip: The QR code can also be saved electronically as a file or photo on a protected data carrier.

Construction secuENTRY keypad



1. On button

Power-up of the keypad in order to enter an opening secret.

2. Enter button

Selecting a menu function

3. Function button

Via the function button you can select different actions, depending on the respective status of the keypad. The display shows which function is active.

A. Entry to the menu level for programming

If „Func:M” appears on the display, you get to the menu by pressing “FUNC”. Once in the menu, with buttons “1” and “2” you have a scroll function to navigate yourself through the menu structure.

B. Erasing an entry step

If the symbol “Func:C” appears, you can erase the last entry by pressing the “FUNC” button.

C. Entry to the previous programming level/back

If you are in the menu, the symbol “Func:c” appears on the display. By pressing the button “FUNC” you jump back to the next higher level.

4. Battery display

■■■■ Battery full [\] Batterie empty

On the display, the battery charge level of the cylinder unit and the keypad unit is being shown. The display refers to the battery with the lowest charge status. With an empty battery, this message is being shown on the display:

Change bat. of keypad or Change bat. of cylinder.

After a successful exchanging and a two-time entry of an opening secret, the currently lowest battery status will be displayed. As only a part of the batteries has been changed, the display can still show a “not full” battery status. If you do not change the batteries, even though it is said on the display, you need to enter the valid opening code one more time in order to open the door. At the same time the LED of the inside knob flashes 5 x5 times.

This way, you can open your door approximately 50 times still. The batteries now need to be changed, otherwise the door cannot be opened anymore.

5. Fingerprint sensor

For opening or introducing the eligible fingers.

Only available with keypad version “FINGERPRINT”.

B. Programming/ function / operation

Before commissioning for the first time, the keypad needs to be introduced to the cylinder in order for the devices to be able to communicate.

How to register an ident medium via the keypad

- Turn on the keypad via the \odot button
- To change the language, please click on FUNC, scroll down with 2 until you get to „Menu - Sprache/Language” and enter with \leftarrow
- Again scroll up or down with 1 or 2 and confirm your language with \leftarrow
- Subsequently press FUNC to get to the menu “Code change”
- Via the buttons 1 or 2 you can scroll up or down until you reach „Menu Administrator”
- Confirm with \leftarrow
- Via the buttons 1 or 2 scroll up or down until you reach “Admin. setup – Setup...”
- Confirm with \leftarrow . “Setup... Install” appears on the display
- Confirm with \leftarrow
- Enter the valid Admin. code of the cylinder
- After successful registration, the software will confirm that the data has been saved

Attention! Make sure that the keypad is in close proximity to the cylinder (max. 2 m) during the introduction process. Further, there should be no other powered secuENTRY units in close proximity while introducing a new keypad or cylinder as they can be responded to erroneously. In case of doubt, these units need to be disconnected from the mains (remove batteries).

Opening

The secuENTRY keypad, according to the version, is being operated via a pin code and/or a fingerprint. Depending on the series, further opening media are available.

Opening via pin code

- Press the \odot button to turn on the keypad
- Enter the 6-digit code (“1-2-3-4-5-6” factory-set). The display shows “Please turn the knob!” and the integrated LED inside the cylinder flashes at a successful opening.
- Turn the cylinder knob.

Opening via fingerprint

- Press the \odot button to turn on the keypad
- Move the adjusted finger centrally from top to bottom over the sensor. “Please turn the knob!” appears on the integrated LED inside the cylinder flashes at a successful opening.
- Turn the cylinder knob.

Schematic representation of the menu function

If the symbol “Func:M” appears on the display, you access the menu by pressing the button “FUNC”. Once in the menu, you have a scroll function with the buttons “1” and “2” to navigate yourself through the menu structure. Via the FUNC button you get to the next menu level.

Menu structure

- Menu Code change
- Menu Language / Sprache
- Menu Administrator
 - Admin. setup Create user
 - Create... Code
 - Create... Transponder^{1,2}
 - Create... Fingerprint
 - Admin. setup Assign transp.^{1,2}
 - Admin. setup Delete
 - Delete... User
 - Delete... Transponder^{1,2}
 - Admin. setup Timer functions
 - Timer functions Time entry^{2,3}
 - Timer functions Date entry^{2,3}
 - Admin. setup Setup...
 - Install
 - Restructure
 - Transm. power
 - Firmware Update
 - Admin. setup FP-Reset ^{1,2}

Menu Info
 1 only with secuENTRY
 2 only with secuENTRY 7000 pro
 3 only with secuENTRY 7100 pro

Menu functions

In the following, the functions of the keypad are being explained.

Code change

Changing the administrator code as well as the user code:

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Confirm with \leftarrow
- Via the buttons 1 and 2 you can scroll down until Administrator/User that is about to be changed appears on the display
- Confirm with \leftarrow
- Enter the current valid (old) code and press \leftarrow
- Enter the new code and confirm with \leftarrow
- Repeat the entry and confirm again with \leftarrow .

With a successful entry, the system will inform you that the code has been changed successfully.

Language/Sprache

Language settings:

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Language/Sprache” appears
- Confirm with \leftarrow
- Via the buttons 1 and 2 scroll up or down until the appropriate language appears
- Confirm with \leftarrow

Administrator

In the administrator menu, different submenus are available for you.

1. Submenu create user with code:

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm with \leftarrow . “Admin setup Create user” appears on the display.
- Confirm with \leftarrow
- Scroll down with the button 2 until “Create...Code” appears
- Confirm with \leftarrow
- Enter the administrator code in order to receive authorisation for programming
- The next available storage space is displayed (e.g. USER.003)
- Enter the 6-digit code and confirm 2 x with \leftarrow
- “Dataset has been stored” appears on the display

2. Submenu create user with transponder^{1,2}:

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm with \leftarrow . “Admin setup Create user” appears on the display.
- Confirm with \leftarrow
- Scroll down with the button 2 until “Create...Transponder” appears
- Confirm with \leftarrow
- Enter the administrator code in order to receive authorisation for programming
- Hold the to be introduced transponder front-end in front of the knob
- “Dataset has been stored” appears on the display

3. Submenu create user with fingerprint:

(Function only active with ENTRY Fingerprint and with the keypad ENTRY KP FP)

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm with \leftarrow . “Admin setup Create user” appears on the display.
- Confirm with \leftarrow
- Scroll down with the button 2 until “Create...Fingerprint” appears
- Confirm with \leftarrow
- Enter the administrator code in order to receive authorisation for programming
- On the display appears: “Program finger”
- Move the to be introduced finger centrally from top to bottom over the sensor several times (the count is being displayed)
- On the display you’ll see “User_XXX_FP” created

4. Submenu assigning transponders^{1,2}

Via this function you have the possibility to subsequently assign a transponder to an already existing user. To do this, please proceed as follows:

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm with \leftarrow
- Scroll down with the button 2 until “Assign transp.” appears
- Enter the administrator code in order to receive authorisation for programming
- Scroll to the user to whom you want to assign a transponder and confirm 2x with \leftarrow
- Hold the transponder front-end in front of the knob and confirm with \leftarrow
- “Dataset has been stored” appears on the display

1 only with secuENTRY
 2 only with secuENTRY 7000 pro

5. Submenu deleting

Via this menu, you have the chance to delete a user or a transponder:

Delete: User

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm with \leftarrow
- Scroll down with the button 2 until “Admin. setup Delete” appears
- Confirm with \leftarrow . “Delete...User” appears on the display
- Confirm with \leftarrow
- Enter the administrator code in order to receive authorisation for programming
- Scroll to the user you want to delete and confirm 2x with \leftarrow
- “Dataset has been deleted!” appears on the display

Delete: Transponder^{1,2}

- Turn on the keypad via the \odot button
- Subsequently press FUNC to get to the menu “Code change”
- Scroll down with the button 2 until “Menu Administrator” appears
- Confirm with \leftarrow
- Scroll down with the button 2 until “Admin. setup Delete” appears
- Confirm with \leftarrow
- Scroll down with the button 2 until “Delete...Transponder” appears.
- Confirm with \leftarrow
- Enter the administrator code in order to receive authorisation for programming
- Scroll down to the transponder that you want to delete and confirm 2x with \leftarrow
- “Dataset has been deleted!” appears on the display

1 only with secuENTRY
 2 only with secuENTRY 7000 pro



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6. Submenu timer functions^{2,3}

Here, time and dates are being set

Time entry:

- Turn on the keypad via the button
- Subsequently press FUNC to get to the menu "Code change"
- Scroll down with the button 2 until "Menu Administrator" appears
- Confirm with . "Create user" appears on the display.
- Scroll down with the button 2 until "Admin. setup Timer functions" appears
- Confirm with . "Timer functions Time entry" appears on the display
- Confirm with
- Enter the administrator code in order to receive authorisation for programming
- Enter the hour (2-digit), confirm with
- Enter the minutes (2-digit), confirm with
- "Dataset has been stored" appears on the display

Date entry:

- Turn on the keypad via the button
- Subsequently press FUNC to get to the menu "Code change"
- Scroll down with the button 2 until "Menu Administrator" appears
- Confirm with . "Create user" appears on the display.
- Scroll down with the button 2 until "Admin. setup Timer functions" appears
- Confirm with . "Timer functions Time entry" appears on the display
- Scroll down with the button 2 until "Timer functions Date entry" appears
- Confirm with
- Enter the administrator code in order to receive authorisation for programming
- Enter the day (2-digit), confirm with
- Enter the month (2-digit), confirm with
- Enter the year (2-digit), confirm with
- "Dataset has been stored" appears on the display

² only with secuENTRY 7000 pro
³ only with secuENTRY 7100 pro

7. Submenu Setup

General system preferences

Restructure

It is recommended to use this function when several users have been deleted.

- Turn on the keypad via the button
- Subsequently press FUNC to get to the menu "Code change"
- Scroll down with the button 2 until "Menu Administrator" appears
- Confirm with
- Scroll down until "Admin. setup Setup..." appears
- Confirm with
- The submenu "Restructure" appears on the display
- Confirm with
- Enter the administrator code in order to receive authorisation for programming
- "Restructuring in progress" appears on the display

Transmission power

Via the transmission power, the system regarding power consumption is being optimised, the radio range of the cylinder and the keypad is being extended or reduced. In the delivery condition, a low transmission power is set to assure a long battery life. The transmission power should only be increased if transmission problems occur repeatedly. Normally, the settings do not need to be adjusted.

Firmware update

Updates for the secuEntry keypad are made (all updates in correct order!) via BurgWächter ConfigApp. The exact steps are described in the instruction of the configApp.

8. Submenu FP-Reset

(Function only active with fingerprint units FP)

All saved fingerprints are being deleted, the corresponding users stay intact. With repeating malfunctions within the range of fingerprint operation, please select this menu and follow the instructions on the display.

Menu info

Under this submenu, the version and serial number of the system are being displayed.

- Turn on the keypad via the button
- Subsequently press FUNC to get to the menu "Code change"
- Scroll down with the button 2 until "Menu Info" appears
- Confirm with . The serial number of the keypad (EA) and of the cylinder (AA) are being displayed.

PLEASE NOTE: For safety reasons, the serial number (AA) of the cylinder will only be displayed fully after entering the valid administrator code.

C. Technical data

| | |
|--|---|
| Display | 12 languages available |
| Reliable environmental conditions¹ | -15 °C / +50 °C / up to 95 % rel. humidity (non-condensing). The display can react slowly or darken with temperature changes. |
| Lock wait | After 3x incorrect code entries 1 minute, afterwards 3 minutes each |
| Power supply | 2x MIGNON LR6 AA ALKALINE |
| Protection class keypad FINGERPRINT | IP 55 |
| Protection class keypad PINCODE | IP 65 |

Visual signalling

Inside the knob on the outside of the door, there is an optical visual signalling in form of a LED. You receive following hints via this LED:

- 1 x short: Cylinder engages
- 2 x short: Cylinder disengages
- 1 x short, 1 x long, 2 sec. pause, Repeat: Lock in programming mode
- 5 x short, 2 sec. pause, Repeat on 20 sec.: Battery of the cylinder is empty

About interference with Bluetooth devices

Bluetooth devices operate with the same frequency range (2.4 GHz) like Wi-Fi devices. This can lead to interferences that may cause errors or interrupt communication. In such a case, not needed devices should be disconnected from the mains.

D. Assembly

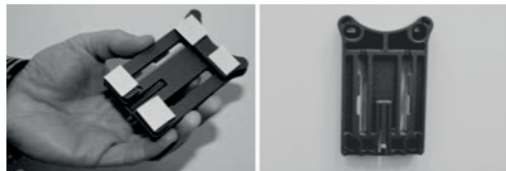
Attention! Please note that the keypad must not be assembled to the door itself to avoid concussions when closing the door. The membrane that is assembled to the backside of the keypad must never be blocked by glue and/or other substances! An air exchange still needs to be possible even after the assembly!

- Determine mounting position of the keypad.
For that, enter an opening secret at the desired position (e.g. pin code, fingerprint...) and check whether the door can be opened.
- Position keypad accordingly.

It is your choice to either glue the wall holder directly to the wall or to screw it firm. The elongated holes enable an exact alignment.

If you decide to glue the wall holder, please pay attention to a clean surface, freed from e.g. fat-, oil or silicone-films or other dirt particles. Remove the protection foil attached to the adhesive pad completely, place all pads onto the wall holder and afterwards push it hard at the desired place. Please note during mounting with lower temperatures that the final adhesive power with 20°C is only reached after 72 hrs. A higher temperature accelerates the process (e.g. with 65°C the final adhesive power is reached after one hour).

For the attachment to glass, you can firstly glue the adhesive pads to the glass and afterwards position the wall holder. For gluing the wall holder onto the coloured visual cover foil, the same requirements concerning the cleanliness of surfaces and adhesiveness of the pad apply as stated above.



To ensure a blister-free attaching of the coloured visual cover foil, please proceed as follows:

- Put some water with a few drops of dishwashing liquid into a glass, stir it gently to avoid foam and wet the surface to which the foil is about to be glued on.
- Remove the white protective foil approximately 1 cm from one edge and align it. For changing the position, please remove it gently and position it again.

- Now, remove the adhesive foil e.g. with a plastic scraper from the contact surface to the direction of the still attached protective foil.

Attention! Please only use as much liquid as required.

- Slide the keypad from top onto the wall holder until the locking hook of the base plate snaps in the keypad casing. With this, the keypad is protected against unauthorised removing.



- Perform a function test of the unit with an opened door several times. For this, repeatedly enter a valid opening secret (e.g. pin code, fingerprint...).

E. Changing batteries

- 1 Remove the case cover on the bottom by loosening 2 screws (Tx 8).

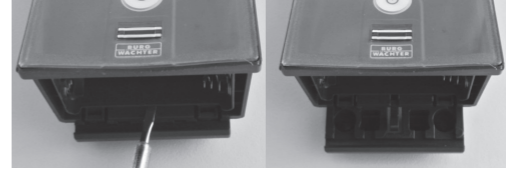


- 2 Pull the battery cover down until it unlatches and remove the batteries.



Please note: Due to the removing of the battery case, the two batteries might already lay loosely inside the case.

- 3 Press down the locking hook of the wall holder with the help of a slim tool (e.g. with a screwdriver) while sliding up the keypad.



- 4 Apply new batteries. Please mind the appropriate polarity that is displayed inside the casing.



- 5 Put the battery cover back on. Start with the side without screws.



- 6 Screw back the battery cover and slide the keypad back onto the wall holder.



Attention! Avoid that moisture is getting inside the keypad while changing batteries.

F. Cleaning advice

Thanks to the surface condition, almost no dirt will adhere to the keypad. Dusted or dirty surfaces are to be cleaned with a wet cloth. **Neither alcohol containing cleansers (spirit, SIDOLIN® or alike) nor aggressive cleaning fluids (acetone or alike) must be used as they will cause a damage of the surface or the sensor.**

G. Disassembly

- 1 Remove the case cover on the bottom by loosening 2 screws (Tx 8).

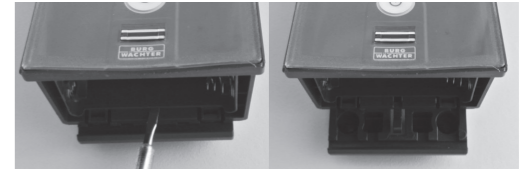


- 2 Pull the battery cover down until it unlatches and remove the batteries.



Please note: Due to the removing of the battery case, the two batteries might already lay loosely inside the case.

- 3 Press down the locking hook of the wall holder with the help of a slim tool (e.g. with a screwdriver) while sliding up the keypad.



H. Warranty / Environment

Warranty

To provide you with a qualitative impeccable and valuable product and to optimally help you in the case of service or repair, it is necessary that flawed or defective devices are handed back to your retailer together with the valid administrator code and/or QR code as well as with the original proof of purchase.

With returning according to your cancellation right, all components need to be in factory setting and the seal on cylinder and knob need to be undamaged. In the case of a disregard, warranty expires.

Disposal of your device

Dear customer, please help to avoid waste. If you consider to dispose of this device, please note that many components of it consist of valuable materials that can be recycled.



We point to the fact that electric and electronic devices as well as batteries are not to be disposed in the household rubbish but need to be collected separately. Please inform yourself at your local competent authority about respective collecting points for batteries and electric waste.



For questions about the EG declaration of conformity please contact info@burg.biz.