



Electronic Door Lock

en Installation and Operating Instructions

Introduction

Congratulations on this BURG-WÄCHTER quality product! Thank you very much for deciding on the secuEntry electronic locking system by BURG-WÄCHTER. This system has been developed and manufactured using the latest technologies and meets high security requirements. You are receiving the identification medium keypad. The keypad is used in the secuENTRY, secuENTRY easy, secuENTRY 7000 pro and secuENTRY 7100 pro series and is available in the following versions:

- PINCODE
- FINGERPRINT

The keypad communicates with the separate secuENTRY cylinders or secuENTRY 7071 Relay, which have to be programmed before operating. The communication between keypad and cylinder is encrypted.

Contents of these instructions

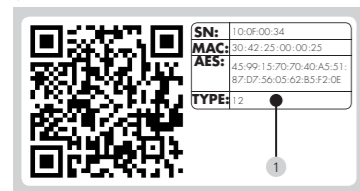
- | | |
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| A General | E Battery Replacement |
| B Programming/Function/Operation | F Cleaning Instructions |
| C Technical Data | G Disassembly |
| D Installation | H Warranty/Environment |

A. General Information

Important: Please read the entire Operating Instructions carefully before you start the installation and programming. Please keep these instructions in a safe place. We hope you enjoy your new locking system.

QR code

A QR code is enclosed with every secuENTRY keypad. The code is required for integration in a locking system via the optional secuENTRY software.



1 Keypad (SN; MAC; AES; Type)

Attention! If the QR code is lost, integrating the keypad into the software is no longer possible. Please keep it in a safe place!

Tip: The QR code can also be scanned in electronic form or saved as a photo on a secured data carrier.

Set-up secuENTRY Keypad



1. On button

Activation of the keypad for entering an opening code

2. Enter button

Selection of a menu item

3. Function button

The function button provides for a variety of actions depending on the actual status of the keypad. The display indicates which function is active

A. Entry into the menu level for programming

When the "FuncM" symbol is displayed, the menu can be reached by pressing the "Function" button. In the menu, the buttons "1" and "2" can be used as a scroll function to navigate through its structure.

B. Deleting an entry step

When the "FuncC" symbol is displayed, the last entry can be cancelled by pressing the "FUNC" button.

C. Entry into the previous programming level/Back

When you are in the menu, the symbol "Func<" is displayed. By pressing the "Function" button, you return into the menu structure on the next higher level.

4. Battery status indication

■■■■ Battery full [\] Battery empty

The display indicates the battery status of the cylinder unit and the keypad unit.

The indication on the display refers to the batteries with the lowest status.

When a battery is empty, the display shows:

Replace the battery inside the keypad or replace the battery inside the knob.

When the battery has been replaced and then the opening code has been entered twice, the currently lowest battery status is displayed.

When only a single battery set is replaced, the display can still indicate an "incomplete" status despite the replacement. In case you do not replace the batteries in spite of the replacement indication, you will have to enter the valid opening code once more in order to open the door. At the same time, the LED of the inner knob flashes 5 x 5 times. You can still open the door in this way approx. 50 times. Then it can only be opened using the administrator code. Now the batteries must be replaced, otherwise the door cannot be opened any more.

5. Fingerscan sensor

To open with or register the particular finger.

Only available with the FINGERPRINT keypad.

B. Programming/function/Operation

Before the initial start-up, the keypad must be synchronised with the cylinder so that both units can communicate with each other.

Registering an identification medium via the keypad

- Activate the keypad using the key
- Then press FUNC, and the "Code Change menu" is displayed
- Use keys 1 or 2 to scroll until you reach the "Administrator menu"
- Confirm with
- You can now use keys 1 or 2 to scroll until you reach the "Set-up" admin. setting menu
- Confirm with The "Register Set-up" menu item appears
- Confirm with
- Enter the valid admin. code of the cylinder
- "Data has been saved" is displayed after a successful registration

Attention! Make sure that the keypad is in the immediate vicinity of the cylinder (max. 2 m) during the registration process. No other powered secuEntry unit should be located in the immediate vicinity when installing a new keypad or cylinder, as this unit could be accessed by mistake. When in doubt, disconnect these units (remove batteries).

Opening

The secuEntry keypad is operated using a PIN code or fingerprint, depending on the version. Additional opening media via the secuEntry cylinder are available depending on the series.

Opening with PIN code

- Activate the keypad using the key
- Enter the 6-digit PIN code (factory setting "1-2-3-4-5-6").
- "Please turn the rotary knob" appears in the display, and the LED integrated in the cylinder flashes once when the opening is successful.

• Turn the cylinder knob Opening with Fingerprint

- Activate the keypad using the key
- Move the programmed finger from the top to bottom centrally over the sensor.

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"Please turn the rotary knob" appears in the display, and the LED integrated in the cylinder flashes once when the opening is successful.

- Turn the cylinder knob

Systematic illustration of adapter functioning

When the "FuncM" symbol is displayed, the menu can be reached by pressing the FUNC key. In the menu, you then have a scroll function using keys 1 and 2 to navigate through the structure. You reach the next menu level using the FUNC key.

Menu structure

Change Code menu

Language menu

Administrator menu

Create User menu

Create: Code

Create: sE Key

Create: Transponder^{1,2}

Create: Fingerprint

Assign Transponder menu^{1,2}

Create: Code

Create: sE Key

Create: Transponder^{1,2}

Create: Fingerprint

Delete menu

Time Functions menu

Setting the time^{2,3}

Setting the date^{2,3}

Set-up menu

Register

Reorganize

Transmission power

Update firmware

Display contrast

Programming

FP Reset 1,2 menu

Info menu

EE version and serial number info

AE version and serial number info

Runtime info

Opening counter info

Start-up date info

¹ Only with secuENTRY

² Only with secuENTRY 7000 pro

³ Only with secuENTRY 7100 pro

Menu functions

The functions of the keypad are described below.

Code change

Changing the administrator code as well as the user code

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Confirm your selection using
- Now you can use the keys 1 or 2 to scroll until the administrator/user is displayed whose code is supposed to be changed
- Confirm your selection using
- Enter the previously valid (old) code valid and press
- Enter the new code and confirm it with
- Repeat your entry and confirm it again with

Note: Additional information about the current date and time are requested at the initial start-up of a cylinder:

- Enter the day (2 digits) and confirm with
- Enter the month (2 digits) and confirm with
- Enter the year (2 digits) and confirm with
- Enter the hour (2 digits) and confirm with
- Enter the minutes (2 digits) and confirm with

"Code change accomplished" is displayed after a correct entry

Language

Language setting:

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until the above-mentioned menu point is displayed
- Confirm your selection using

- Use keys 1 or 2 to scroll until the desired language is displayed
- Confirm your selection using

Administrator

Different sub-menus are available in the administrator menu.

1. Create User with Code sub-menu

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until the "Administrator menu" appears
- Confirm your selection using The "Create User" menu item appears.
- Confirm your selection using
- Scroll using the 2 key until "Create User: Code" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- The next free memory cell is displayed (e.g. USER.0003 CD)
- Enter a 6-digit code and confirm it 2 x using
- "Data has been saved" appears in the display

2. Create User with Transponder sub-menu^{1,2}

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until the "Administrator menu" appears
- Confirm your selection using The "Create User" menu item appears.
- Confirm your selection using
- Scroll using the 2 key until "Create: Transponder" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Hold the front of the transponder to be registered on the knob
- "Userxxxx.TR successfully created" appears in the display.

3. Create User with Fingerprint sub-menu:

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

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until the "Administrator menu" appears
- Confirm your selection using The "Create User" menu item appears.
- Confirm your selection using
- Scroll using the 2 key until "Create: Fingerprint" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- "Program Finger" appears in the display
- Move the finger to be registered several times centrally over the sensor (the number is counted on the display)
- "Userxxxx FP successfully created" appears in the display

4. Create User with sE sub-menu:

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until the "Administrator menu" appears
- Confirm your selection using
- The "Create User" menu item appears.
- Confirm your selection using
- Scroll using the 2 key until the "Create: sE Key" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Move the sE Key in the vicinity of the cylinder
- "USERxxxx KY successfully created" appears in the display

5. Assigning a Code sub-menu

Using this function, you have the option of subsequently assigning a code to an already existing user.

For this purpose, proceed as follows:

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until the "Administrator menu" appears
- Confirm your selection using
- Scroll using the 2 key until the "Assign" appears
- Confirm your selection using
- Scroll using the 2 key until "Create User: Code" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Scroll to the user, to whom you want to assign a code and confirm with

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6. Assigning an sE Key sub-menu

Using this function, you have the option of subsequently assigning an sE Key to an already existing user. For this purpose, proceed as follows:

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until "Administrator menu" appears
- Confirm your selection using
- Scroll using the 2 key until "Assign" appears
- Confirm your selection using
- Scroll using the 2 key until "Create User: sE Key" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Scroll to the user to whom you want to assign an sE Key and confirm using
- Move the sE Key in the vicinity of the cylinder
- "USERxxxx KY successfully created" appears in the display

7. Assigning a Transponder sub-menu

Using this function, you have the option of subsequently assigning a transponder to an already existing user. For this purpose, proceed as follows:

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until "Administrator menu" appears
- Confirm your selection using
- Scroll using the 2 key until "Assign" appears
- Confirm your selection using
- Scroll using the 2 key until "Create User: Transponder" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Scroll to the user to whom you want to assign a transponder and confirm using
- Hold the front of the transponder directly in front of the knob and confirm on the keypad using "USERxxxx TR successfully created" appears in the display.

8. Assigning a Finger sub-menu

Using this function, you have the option of subsequently assigning a finger to an already existing user. For this purpose, proceed as follows:

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until "Administrator menu" appears
- Confirm your selection using
- Scroll using the 2 key until "Assign" appears
- Confirm your selection using
- Scroll using the 2 key until "Create User: Fingerprint" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Scroll to the user to whom you want to assign a finger and confirm using
- Move the finger to be registered several times centrally over the sensor (the number is counted on the display)
- "Userxxxx FP successfully created" appears in the display







9. Delete sub-menu

- Activate the keypad using the key
- Then press FUNC – "Code Change menu" appears
- Scroll using the 2 key until "Administrator menu" appears
- Confirm your selection using
- Scroll using the 2 key until "Admin. setting Delete" appears
- Confirm your selection using
- Enter the administrator code to acquire the authorisation for programming
- Scroll to the identification medium that you want to delete and confirm 2x using
- Data has been deleted" appears in the display.








10. Time functions sub-menu^{2,3}

Time and date are set here

Setting the time:

- Activate the keypad using the  key
- Then press FUNC – “Code Change menu” appears
- Scroll using the 2 key until the “Administrator menu” appears
- Confirm your selection using  • The “Create User” menu item appears.
- Scroll using the 2 key until “Admin. Settings Time functions” appears
- Confirm your selection using  • The “Time” menu item appears.
- Confirm your selection using 
- Enter the administrator code to acquire the authorisation for programming
- Enter the hour (2 digits) and confirm with 
- Enter the minutes (2 digits) and confirm with 
- “Data has been saved” appears in the display

Setting the date:

- Activate the keypad using the  key
- Then press FUNC – “Code Change menu” appears
- Scroll using the 2 key until the “Administrator menu” appears
- Confirm your selection using  • The “Create User” menu item appears.
- Scroll using the 2 key until “Admin. Settings Time functions” appears
- Confirm your selection using  • The “Time” menu item appears.
- Scroll using the 2 key until the “Date” menu item appears
- Confirm your selection using 
- Enter the administrator code to acquire the authorisation for programming
- Enter the day (2 digits) and confirm your selection using 
- Enter the month (2 digits) and confirm your selection using 
- Enter the year (2 digits) and confirm your selection using 
- “Data has been saved” appears in the display





² Only with secuENTRY 7000 pro
³ Only with secuENTRY 7100 pro

11. Set-up sub-menu

General system settings

Reorganize

The use of this function is recommended when several users have been deleted.

- Activate the keypad using the  key
- Then press FUNC – “Code Change menu” appears
- Scroll using the 2 key until the “Administrator menu” appears
- Confirm your selection using 
- Scroll using the 2 key until “Set-up” appears
- Confirm your selection using 
- Scroll using the 2 key until “Reorganise” appears
- Confirm your selection using 
- Enter the administrator code to acquire the authorisation for programming
- “Reorganisation is running” appears





Transmission power

The system or power consumption is optimised via the transmission power, and the wireless range of the cylinder and the keypad are increased or reduced. As delivered, a low transmission power is set in order to obtain the longest possible battery life. The transmission power should only be increased if repeated transmission problems should occur. The setting normally does not have to be adjusted.

Update firmware





The secuEntry keypad can be updated sequentially via the Burg-Wächter KeyApp/ConfigApp. Please refer to the instructions for the KeyApp/ConfigApp for the exact procedure.

12. Display contrast

- Activate the keypad using the  key
- Then press FUNC – “Code Change menu” appears
- Scroll using the 2 key until “Administrator menu” appears
- Confirm your selection using 
- Scroll using the 2 key until “Set-up” appears
- Confirm your selection using 
- Scroll using the 2 key until “Display contrast” appears
- Confirm your selection using 
- Select using the 1 key (weaker) or 2 key (stronger) the desired contrast level.

13. Programming

Via programming, you can input into the keypad a dataset created using the PC software. The data set can be programmed both with the PC software as well as the secuENTRY ConfigApp.

- Activate the keypad using the  key
- Then press FUNC – “Code Change menu” appears
- Scroll using the 2 key until “Administrator menu” appears
- Confirm your selection using 
- Scroll using the 2 key until “Set-up” appears
- Confirm your selection using 
- Scroll using the 2 key until “Programming” appears
- Confirm your selection using 
- Enter the administrator code to acquire the authorisation for programming
- The message “Start the file transmission” appears in the display.

The keypad is now in program mode and can be programmed with the PC software or ConfigApp.



14. FP reset sub-menu

(Function only active with FP Fingerprint units)

All stored fingerprints are deleted; however, the corresponding users are retained. Please select this menu and follow the instructions on the display in case of repeated errors related to the use of fingerprints.

Info menu

Using this function, you can display several pieces of information concerning the system.

- Activate the keypad using the  key
- Then press FUNC – “Code Change menu” appears
- Scroll using the 2 key until “Info menu” appears
- Confirm your selection using 
- Using the 1 or 2 key, you can scroll between the following information:
 - Version and serial number of the keypad
 - Version and serial number of the cylinder
 - Operating time of the cylinder
 - Opening procedures of the cylinder
 - Start-up date and time of the cylinder

NOTE: For security reasons, the complete information of the cylinder is displayed only after a valid administrator code is displayed.

C. Technical Data

Display	Can be set in 12 languages
Reliable ambient conditions*	* -15 °C/+50 °C / up to 95 % rel. humidity (non-condensing) As a result of extreme temperature changes, the display can react slowly or darken.
Blocking times	After an incorrect code is entered 3x, 1 minute, thereafter always 3 minutes
Power supply	2x MIGNON LR6 AA ALKALINE
Keypad protection class FINGERPRINT	IP55
Keypad protection class PINCODE	IP65

Optical signalling

The optical signal in form of a LED is incorporated in the knob on the outside of the door. You receive the following information via this LED:

- 1 x short: Cylinder is engaging
- 2 x short: Cylinder is disengaging
- 1 x short, 1 x long, 2 sec. pause, repeat: Lock in programming mode
- 5 x short, 2 sec. pause, repeat at 20 sec.: Battery in the cylinder depleted

On interferences with Bluetooth devices

Bluetooth devices use the same frequency bandwidth (2.4 GHz) as WiFi devices. Interferences can therefore arise that cause errors or interrupt communication. If this occurs, unnecessary devices should be switched off.

Transmission power and frequency range: Bluetooth Low Energy
Maximum transmit output power 7.5dBm
Frequency usage range 2.402GHz ... 2.483 GHz

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D. Installation

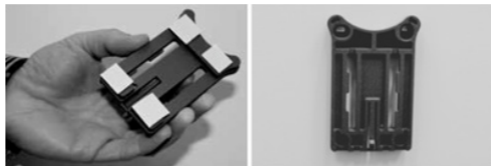
Attention! Please note that the keypad should not be attached to the door itself so that no vibrations are transmitted when the door is shut. The membrane affixed to the back of the keypad should not be sealed with glue and/or any other substance under any circumstances! Exchange of air must also be possible after the installation!

- Determine the installation position for the keypad. For this purpose, enter the opening code (e.g. PIN code, fingerprint...) at the desired mounting location and check whether the lock opens.
- Place the keypad accordingly.

You can then decide whether you want to glue the wall holder directly on the wall or whether you prefer having it screwed on. The slotted holes in the wall holder provide for an exact alignment.

If you decide on gluing the wall holder, please be sure to provide clean surfaces free from e.g. grease, oil and silicon films or any other impurities. Remove completely the protective film from the included adhesive pads, attach all the pads on the wall holder and then press the whole firmly onto the desired position. When mounting in colder temperatures, please note that the full adhesive strength is achieved only after 72 hours at 20°C. Heat will accelerate the process (e.g. at 65°C; full adhesive strength is achieved in one hour).

For installing on glass, you can first affix the privacy film and then the wall holder onto it. When gluing the wall holder onto the colour privacy film, the conditions mentioned above relating to cleanliness of surfaces and firmness of the adhesive pad apply.



To facilitate a bubble-free application of the colour privacy film, please proceed as follows:

- Pour some water with a couple of drops of dishwashing detergent into a glass, stir it carefully free of foam, and then use it to moisten gently the surface on which the film is to be applied.

- Pull off 1 cm of film at an edge of the white protective sheet and straighten it out. To change the position, lift the film carefully and attach it again.

- Then wipe the adhesive film, e.g. with a plastic spatula, from the contact surface outward in the direction of the protective sheet that is still attached.

Attention! Do not use more liquid than absolutely necessary.

- Slide the keypad in from above until the locking latch of the base plate engages into the keypad housing. In this way, the keypad is protected against undesired removal.



- Test the functioning of the unit with the door open. For this purpose, enter a valid opening code (e.g. PIN code, fingerprint,...) several times.

E. Changing Batteries

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

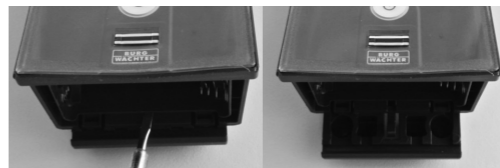


- 2 Pull the battery compartment lid downward until it disengages and replace the batteries.



Note: Both batteries could already be loose due to loosening the battery compartment lid.

- 3 Press the locking latch of the wall holder with a thin tool (e.g. slot screwdriver) downward while you pull the keypad upward.



- 4 Insert the new batteries. When inserting the new batteries, ensure the correct polarity as indicated on the housing.



- 5 Replace the battery compartment cover. Begin with the side without screws.



- 6 Screw the battery compartment lid and slide the keypad onto the wall holder again.



Attention! Prevent moisture from reaching the keypad when changing the batteries.

F. Cleaning Tip

Dirt can barely adhere to the keypad surface due to the surface finish. Dusty or dirty surfaces are wiped with a damp cloth. **No alcohol-based detergents (denatured alcohol, SIDOLIN® etc.) or aggressive detergents (acetone etc.) may be used, as they can damage the surface or the sensor.**

G. Disassembly

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

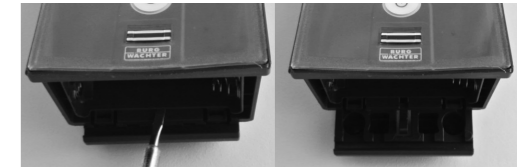


- 2 Pull the battery compartment lid downward until it disengages and replace the batteries.



Note: Both batteries could already be loose due to loosening the battery compartment lid.

- 3 Press the locking latch of the wall holder with a thin tool (e.g. slot screwdriver) downward while you pull the keypad upward.



H. Warranty/Environment

Warranty

In order to deliver a flawless and high quality product to you and to better assist you in case of service or repair, it is necessary that faulty or defective devices along with the valid administrator code and the QR code(s) be presented to your dealer together with the original documentation.

In the case of return shipments, due to your right of cancellation, all device parts must furthermore be in their factory settings and the seal on the cylinder and knob must be undamaged. Failure to comply with this will invalidate the warranty.

Disposal of the device

Dear Customer, please help us avoid unnecessary waste. Should you intend to dispose of this device at any time, please remember that many components of this device contain valuable materials that can be recycled.



Please be aware that electrical and electronic equipment and batteries must not be disposed of as household waste, but rather collected separately. Please obtain information on the collecting points for electrical waste from the responsible authority of your city/municipality.



BURG-WÄCHTER KG hereby declares that this device complies with Directive 2014/53/EU, (RED) 2014/30/EU, (EMC) and 2011/65/EU (RoHS). The complete text of the EU conformity declaration can be accessed at www.burg.biz.