

Generally

Thank you for deciding for a safe with the BURG-WÄCHTER Elektronik TRSE 6000. You have acquired a product meeting extremely high security requirements and developed and manufactured using the latest technical potential. Please read the entire User Manual before programming and store it at a safe place for future reference.

The Elektronik TRSE 6000 is available in a version with a TRSE 6000 FS fingerscan unit and in a version without it. The present user manual applies to both versions, however, the menu structure is able to detect automatically the appropriate version and thus only the menu items intended for it are active. The items relevant only for the electronics with a fingerscan unit are marked with *.

Generally, you can open the safe in three possible ways:

- with a code
- with an e-key (ident medium TSE 5103 E-Key SB and TSE 6103 E-Key not included in the delivery)
- with your fingerprint *

The administrator code when delivered from the factory is 123456. This code must be changed. Additional 9 users with a code to be entered by the keyboard can be defined. Such code has always six digits, similarly to administrator's code. Additionally, up to 300 e-keys for contactless opening can be stored.

In case you possess a safe with a fingerscan unit, up to 24 users with fingerscan can be additionally stored. Users with fingerscan are identified in the user list of the lock as USER xxx_FP. In such case, the safe can be used in two different modes: in the certified mode or in the uncertified mode.

The safe is delivered in the certified mode.

You can find additional information under the item Certified mode. If a code and/or an e-key should be additionally assigned to a user with fingerscan, it is to be created separately. Inversely, the fingerscan should be assigned separately to a user with a code and/or an e-key*.

To enable the use of additional functions such as time switching or calendar functions, you need the Light, System or System + software. Then you will be able to use the overall user administration.

Attention: Should the user data in the certified electronics mode be administered using the software, the data must be stored on a removable data carrier. Their saving in a computer is not admissible, is identified by the system and not allowed. The removable data carrier should be stored at a safe place (e.g. a safe) after the programming.

In order to enhance the protection against intrusion, the following points should be observed:

For locking systems with material code carriers, e.g. an E-Key:

- The code carrier should be consistently stored safely, so that it is accessible only to the authorized persons.
- In case of a loss of the code carrier, the lock should be immediately replaced or converted to a new combination by changing the coding, and/or the code of the lost code carrier should be blocked/deleted.

For locking systems requiring a code:

- No personal data (e.g. dates of birth) or other data, for which a link can be derived based on the code owner, should be used for coding.
- If the code is stored in writing, such document should be consistently stored safely, so that it is accessible only to the authorized persons.
- **Attention:** Any changes of the administrator code and of the user codes shall be made with the safe door opened!
- When the locking system has been reset to another code, this new code should be repeatedly used with the safe door opened.

Description of basic functions

You can program your lock based on the following description. You can see the programming instructions on the display. Before programming press the On/Enter key. To program the lock (enter into the menu), please press the "Function" key, when the symbol "M" is displayed. You can move within the menu using the keys "1" scroll up (symbol on display) and "2" scroll down (symbol on display). When the symbol "<" is displayed, you can use the "Function" key to skip to the next higher menu level, and choose a particular menu item using the "On/Enter" key. The battery symbol indicates the current battery status:

- Battery full
- [] Battery empty (please replace the batteries)

Description of programming and user mode

Please find the menu structure shown on the following pages. Also the navigation is indicated. Additionally, each of the menu items is clarified:

Menu Code change ...

Change of the administrator and user codes

Menu Language / Sprache

Language setup

Menu key sync.

In this program, the channel of the E-Key is adapted to the channel of the input unit. This function is necessary when the radio channel of an input unit is modified, although other E-Keys (with the old channel setup) are still logged.

Menu Info ...

- Indication of version and serial numbers
- SNA: Lock serial number

Menu Administrator ...

This includes all the menus that can be used only with the administrator authorizations. They include:

Admin. setup user create ...

Users can be created here. A user has either a code, or an e-key, or both. A separate user is always created for a fingerscan. Anatomically, there are people, the fingerprints of whom are not sufficiently articulated for the system.

Admin. setup e-key assign

An E-Key can be additionally assigned to a selected user here.

Admin. setup delete

Users and E-Keys can be deleted here. When a user is deleted, also the code and the E-Key belonging to the user is deleted. When an E-Key is deleted, the user is retained. To delete a fingerscan, the corresponding user has to be deleted. To delete all the fingerscans, please use the function "FS-Reset" (see next page)*.

Admin. setup Time entry

Entry of the time and calibration of the clock. The clock is automatically calibrated between two specific times. Exceptions are a replacement of batteries and the switchover from summer to winter time.

Admin. setup Date entry...

Entry of date

Admin. setup RFID channel

The radio channel can be set up here (12 channels for selection). This can be required when the radio channel is already used by another application, e.g. WLAN. In case of collision with WLAN systems, a space of three channels is recommended.

Admin. setup Priority

In case the door cannot be opened after several attempts with the e-key, the priority of the door can be increased by this function. Inversely, also the priority of other door within the direct environment can be reduced.

Admin. setup Restructure

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

Admin. setup install keyboard

When either the lock unit or the keyboard is replaced, the two units are newly tuned to each other (see menu structure, Admin.setup, item install keyboard).

Admin. setup FS-Reset*

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

Admin. setup Certif. mode*

The electronics can be operated in two different modes:

1. Certified mode
2. Uncertified mode

Attention: When delivered, the safe is always set to the certified mode.

The switchovers between the two different modes are saved into a non-erasable memory and thus can be traced.

In the certified mode, the opening of the safe using fingerprint can be made *together* with a code or an E-Key. Additionally, opening can be based also on a code or an E-Key only. The code is then assigned the value 10/12 and the fingerscan the value 2/12. In this way, the value 1 can be achieved in the total and the safe can be opened.

The code value is determined by entering it. The menu *Administrator > Admin. setup user create* displays the corresponding request: *Select FS-comb. with Enter*. When confirmed, the user is created correspondingly.

The value of the fingerscan is automatically adjusted according to the mode. If the certified mode should be activated during operation, the fingerscan alone is no more sufficient for opening. An additional code is required. This code must be appropriately defined, otherwise it possesses the complete authorization and thus is sufficient for opening.

In the uncertified mode, the electronics offers a possibility of opening using the fingerprint, in addition to the code or the e-key.
The certified mode can be activated or deactivated in the Administrator menu (see the section *Detailed description of selected basic functions*).

Accepting of opening by fingerscan as the sole opening key depends on the particular insurance scheme, as no general verification criteria are available for the time being and so no certification is possible. Therefore a clarification should be provided by the insurance company on whether the insurance also applies to opening by fingerscan only.

Upon deactivating the certified mode, the certification of the entire safe is automatically discontinued, the validity of the insurance is therefore no more guaranteed.

Please clarify with your insurance company, whether your insurance of the safe content applies to this mode. If this is declined by the insurance company, the electronics must be used in the certified mode.

An exception is the sector of storage of firearms because of legislative framework conditions and, at the time, missing certification provisions. Deactivating of the certified mode is strictly prohibited here!

In order to make this apparent and to exclude an accidental misuse, the following advice is indicated on the display:
Alt. inst. clauses see instructions.

Attention: Users with fingerprint are saved in the uncertified mode always with the authorization 1 and without time restriction.

Detailed description of selected basic functions

1. Opening the safe using the factory code

- Press the *On/Enter* key
- The indication of *Code/Fingers.* is displayed
- Enter the factory set code 123456
- The instruction *Please turn knob* is displayed

2. Changing the administrator code

- Press the *On/Enter* key
The indication of *Code/Fingers.** is displayed
- Press the *Function* key
The *Menu Code change...* menu is displayed
- Press the *On/Enter* key
The indication of *Administrator* is displayed
- Press the *On/Enter* key
The indication of the *old code* is displayed
Enter the factory set code 123456
- Press the *On/Enter* key
The indication of the *New code* is displayed
Enter the new code (6 digits)
- Press the *On/Enter* key
The indication of *Repeat entry* is displayed
Enter the new code
- Press the *On/Enter* key
The indication of *code change completed* is displayed

3. Creating a user with a code (in the certified mode*)

- Press the *On/Enter* key
The indication of *Code/Fingers.* is displayed
- Press the *Function* key
The *Change code* menu is displayed
- By pressing the key 2 reach the *Administrator* menu
- Press the *On/Enter* key
Admin. setup create user is displayed
- Press the *On/Enter* key
Create code is displayed
- Press the *On/Enter* key
At this point you are asked to enter the *Admin. code* (factory setting 123456)
The indication of *USER. 000x* is displayed
- Please enter the user code and confirm it with *ENTER*
*Select FS-comb. with ENTER** is displayed
- After confirmation, *Store with On key!* is displayed.

If a user with the value 1 (right to open alone) should be created, the entry of the *FS combination* and its confirming with *ENTER* must be complemented by pressing the *Function* key. Also here, confirmation follows, *Store with On key!**.

4. Activating /deactivating the certified mode*

- Press the *On/Enter* key
The indication of *Code/Fingers.* is displayed
- Press the *Function* key
The *Menu Code change...* is displayed
- By pressing the key 2 reach the *Menu Administrator*
- Press the *On/Enter* key
Admin. setup user create... is displayed
- By pressing the key 2 reach the *Admin. setup Certif. mode* menu
- Press the *On/Enter* key
At this point you are asked to enter the *Admin. code* (factory setting 123456)
Certified mode on is indicated on display
- By pressing the key 2 the status can be switched to *On* or *Off*
- Press the *On/Enter* key
Activate certif. mode with ENTER is indicated or
Quitting certif. mode with ENTER

5. Saving a finger*

- Press the *On/Enter* key
The indication of *Code/Fingers.* is displayed
- Press the *Function* key
The *Menu Code change...* is displayed
- By pressing the key 2 reach the *Menu Administrator*
- Press the *On/Enter* key
Admin. setup user create... is displayed
- Press the *On/Enter* key
- By pressing the key 2 reach the *create... Fingerscan* menu
- Press the *On/Enter* key
At this point you are asked to enter the *Admin. code* (factory setting 123456)
- The indication of *create Fingerscan* is displayed
- The indication of *Teach-in finger* is displayed
- This procedure is repeated 5 times
After a successful entry the indication *User_xxx_FP created* is displayed

Attention: When saving a fingerprint it is important that the finger is laid evenly and in a straight position over the sensor. Follow the instructions on the display. The finger is saved only when it can be read in an optimum quality.

6. Open the safe with Fingerscan*

- Press the *On/Enter* key
The indication of *Code/Fingers.* is displayed
- Move the saved finger over the sensor
 - The following indication is displayed (in the certified mode):
Authoriz. level not reached!
 - The following indication is displayed (in the uncertified mode):
Please turn knob

In the certified mode, one more code needs to be entered in order to achieve a value of at least 1.

7. Deleting a finger*

- Press the *On/Enter* key
The indication of *Code/Fingers.* is displayed
- Press the *Function* key
The *Change code* menu is displayed
- By pressing the key 2 reach the *Administrator* menu
- Press the *On/Enter* key
Admin. setup user create is displayed
- By pressing the key 2 reach the *Admin. setup delete...*
- Press the *On/Enter* key
The indication *delete... User* is displayed
- Press the *On/Enter* key
At this point you are asked to enter the *Admin. code* (factory setting 123456)
- Now you have to select the appropriate user by pressing the keys 1 or 2
- Press the *On/Enter* key
The indication of *Delete data by pressing the On-key!* is displayed
- Press the *On/Enter* key
The indication of *Data record is deleted* is displayed

Additional users can be deleted using the *On/Enter* key. By pressing the *Function* key, you can reach higher menu levels up to the code entry.

Error messages*

The following error messages are indicated when a finger is being saved or the safe opened:

Error message	Elimination of causes
Too fast! Please repeat	Move the finger more slowly over the sensor
Too aslant! Please repeat	Move the finger straight over the sensor
Too short! Please repeat	Move the finger over the sensor in a way allowing more surface area to be read
Pos. centrally and repeat!	Place your finger centrally over the sensor