



TULOX 200



www.stuv.de

EN • Instruction Manual



Using this Manual

Thank you for purchasing a TULOX Safe Lock System of STUV.

This product was designed and manufactured in Germany. It offers completely secure and easy operation of your safe unit. The TULOX Instruction Manual has been specially designed to guide you step by step through the functions and operating options of this product.

- Please read this manual before using the product carefully to ensure safe and proper use.
- Please keep this manual for future reference.

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- Flash 1 1 User
 - Changing User Code
 - Check Keypad
 - Reset

- Flash 2 1 Master, 1 User, Time Delay
 - Changing Code (Master- and User Code)
 - Activate User
 - Delete User
 - Check Keypad
 - Reset
 - Time Delay

- Flash 3 1 Master, up to 4 User, Time Delay
 - Changing Code (Master- and User Code)
 - Activate User
 - User On/Off
 - Delete User
 - Check Keypad
 - User Information
 - Reset
 - Time Delay

- Flash 4 Dual Mode, 1 Master, up to 9 User, Time Delay
 - Changing Code (Master- and User Code)
 - Activate User
 - Delete User
 - Check Keypad
 - User Information
 - Reset
 - Time Delay

- Flash 5 1 Master, up to 8 User, Time Delay, Quick Opening Code
 - Changing Code (Master- and User Code)
 - Activate User
 - User On/Off
 - Delete User
 - Check Keypad
 - User Information
 - Reset
 - Time Delay
 - Overriding Time Delay

- Flash 7 Dual mode, 1 Master, up to 97 User, Time Delay, Silent Alarm, Logging of all Events, Time Control
 - Changing Code (Master- and User Code)
 - Activate User
 - Delete User
 - Check Keypad
 - User Information
 - Reset
 - Silent Alarm
 - Time Delay
 - Log / Auditor
 - Auditor Configuration
 - Loading Time Control

- Flash 8 1 Master, up to 97 User, Time Delay, Quick Opening Code, Silent Alarm, Logging of all Events, Time Control
 - Changing Code (Master- and User Code)
 - Activate User
 - User On/Off
 - Delete User
 - Check Keypad
 - User Information
 - Reset
 - Silent Alarm
 - Time Delay
 - Overriding Time Delay
 - Log / Auditor
 - Auditor Configuration
 - Loading Time Control

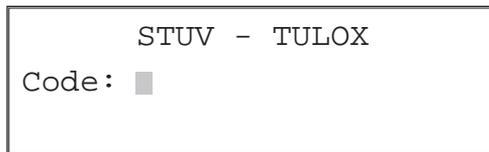




Instruction Manual TULOX 200 - Flash 1 to 5

For information about the installation of the lock, please refer to the separate installation manual.

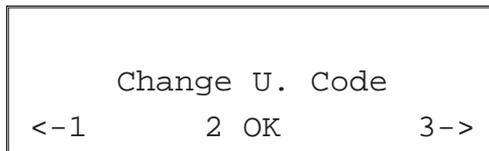
The TULOX electronic safe lock system is equipped with advanced power management features. After a few seconds without operation the system turns off the display and starts the power saving mode. Pressing any key will wake the system. The display will show the following screen:



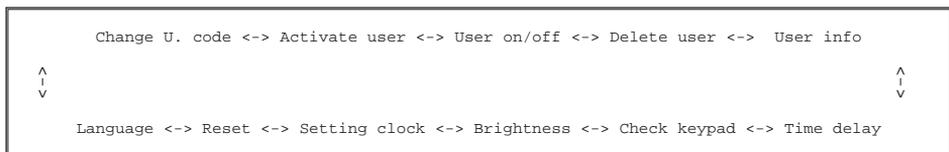
View of display

General Information on Operation / Menu

An incorrect entered number can be deleted with the „C“ key. In order to the menu options you can navigate through the menu. To do so, press the “menu” key. The first menu option offered is “Change U. Code”. You can use keys “1” and “3” to move through the menu and select various menu options. You may confirm your selection using the “2” key. The menu is set up as follows:



View of display



Note

- The menu function selected will be shown on the top line of the display for 5 seconds.
- If there is a black cursor flashing on the screen, then the system is waiting for your entry.

Changing the Batteries

To insert or change new batteries, pull away the cover with a light force. The cover is held in place with magnets.

Insert the new batteries (4x, 1.5V, alkaline, AA, Mignon, LR6) in the keypad. Make sure the right polarity is used, as indicated on the casing.

Place the cover back on the base and snap it on with light pressure.

Note:

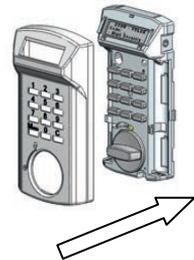
If the cover is not mounted, the lock cannot be operated normally.

Remove cover

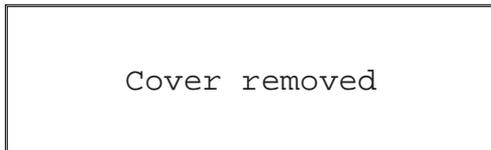


Replace cover

Ensure the keys are lined up before allowing the magnet to pull the cover into position.

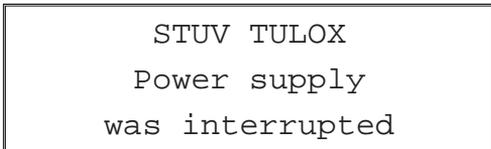


After snapping the cover back on, the display will show the message "Cover removed" for a short time. This will be showed repeatedly until a valid code has been entered.



If you see this message without having removed the cover, then check the keypad for potential tampering!

For another 3 sec. after this entry, the display will show the message: "Power supply was interrupted". This will also be shown repeatedly until a valid code has been entered.





Installation of Batteries and first use

Remove the cover with a slight force.		
Insert the batteries and replace the cover.	(Example)	FLASH VERSION 5
Enter Code:	① ② ③ ④ ⑤ ⑥	Enter Master code
The lock will now check your entry		Please wait Check input 60% □ □ □ □ □ □
Set the date and time		Setting clock 31.01.15 14:19 01.01.14 00:00

Configuring the Language

You can select various languages.

Note

- After interrupting the power supply, for a purpose such as changing batteries, this procedure has to be repeated.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option “Language”	① or ③	Language <-1 2 OK 3->
Confirm selection	②	English <-1 2 OK 3->
Select language	① or ③	Deutsch <-1 2 OK 3->
Confirm selection	②	

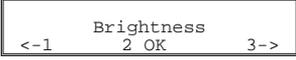


Configuring Display Brightness

You can change the display's brightness as needed.

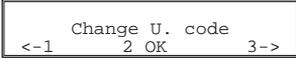
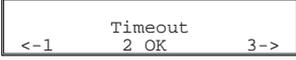
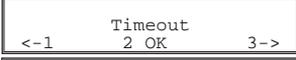
Note

- The standard value is 10%.
- 0% will turn off the display's illumination. The display will still be easily readable. This configuration is recommended to increase battery life.
- The brighter the display is set, the lower the battery life.

Start menu	„Menu“ key	
Select menu option "Brightness"	① or ③	
Confirm selection	②	
Select brightness	① or ③	
Confirm selection	②	

Timeout

Time before the screen turns off automatically if no operations are performed. The timeout can be set from 4 up to 10 seconds.

Start menu	„Menu“ key	
Select menu option „Timeout“	① or ③	
Confirm selection	②	
Enter	① ⑥ (Example)	
Lock confirms "Timeout"		

The lock will now check your entry.
The display will show one of the following messages:



- „Timeout OK“ Function was executed without problems.
- „Error“ Incorrect time entered.

Setting Clock

Start menu	„Menu“ key	<pre> Change U. code <-1 2 OK 3-> </pre>
Select menu option „Setting clock“	① or ③	<pre> Setting clock <-1 2 OK 3-> </pre>
Confirm selection	②	<pre> Setting clock <-1 2 OK 3-> </pre>
Enter Code	① ② ③ ④ ⑤ ⑥	<pre> Enter Master code </pre>
The lock will now check your entry		<pre> Please wait Check input 60% □ □ □ □ □ </pre>
Lock confirms “Setting clock”		<pre> Setting clock 31.01.15 14:19 01.01.14 00:00 </pre>

The lock will now check your entry.
The display will show one of the following messages:

- „Setting clock OK“ Function was executed without problems.
- „Error, Master code“ Incorrect entered master code.
- „Error“ Incorrect time entered.



Opening

Upon leaving the factory, the lock's master code is configured as 1 – 2 – 3 – 4 – 5 – 6.
For security reasons, change the factory configured master code immediately.

Enter the code	① ② ③ ④ ⑤ ⑥	Code: STUV - TULOX
- incorrect code		Code: STUV - TULOX ***** Denied
- correct code	Turn the knob after the message for the correct code within 3 seconds clockwise	Code: STUV - TULOX ***** Accepted

Opening by Dual Mode (Flash 4)

Upon leaving the factory, the lock's master code is configured as 1 – 2 – 3 – 4 – 5 – 6. By entering the factory default master code alone, the lock can not be opened. After changing the master code a user must be activated. (see page 15)

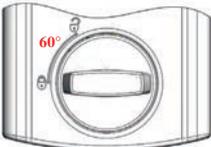
Enter the code	① ② ③ ④ ⑤ ⑥	Code: STUV - TULOX
Enter the second code	① ② ③ ① ② ③	Code: STUV - TULOX
- incorrect code		Code: STUV - TULOX ***** Denied
- correct code	Turn the knob after the message for the correct code within 3 seconds clockwise	Code: STUV - TULOX ***** Accepted

Time Penalty due to incorrect entered Codes

If an incorrect code has been entered successively four times, the lock starts a blocking time of 5 minutes. The blocking time starts again after two further consecutive incorrect entries.

4 x incorrect code [+ 2 further incorrect codes]	during the time penalty no access to the lock (5 min.)	Time penalty
---	--	--------------

Closing

Turn the knob handle counter-clockwise	
--	---

Make sure after closing that the lock is closed properly!

Battery Warning

First step

A critical discharge battery status is shown at an early stage by a message „Battery empty“ and signaled beeps. Change the batteries then (4 pieces 1,5V Alkaline, AA, Mignon, LR6).

Battery empty

Second step

At this stage, the supply voltage has reached a critical value, therefore, an opening can not be executed. After entering the code „Battery empty“ is displayed and the lock will not open.

Tamper Evidence Note

After snapping the cover back on, the display will show the message “Cover removed” for a short time. This will be showed repeatedly until a valid code has been entered.

Cover removed

If you see this message without having removed the cover, then check the keypad for potential tamper evidence!

Change User Code (Master Code and User Code)

Note

- The code must be 6 digits long.
- Do not use any personal or easy to guess data for your code, such as birthdays.
- Simple codes that are easy to guess, may not be used. Avoid to record the selected code or save to disk. Should that for various reasons can not be avoid, so the recorded code is to be kept safe and to be protected against unauthorized access by third parties.
- For security reasons, you should change the code only when the safe is open. Before closing the door, check the correct functioning of the new codes.
- New codes are rejected, if
 - the code is only one digit different from existing code.
 - the code is identical to the code of a disabled user.

Start menu	„Menu“ key	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Change U. code <-1 2 OK 3-> </div>
Confirm selection	②	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Change U. code <-1 2 OK 3-> </div>
Enter the current code	① ② ③ ① ② ③	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Current code Enter █ </div>
Enter the new code	④ ⑤ ⑥ ④ ⑤ ⑥	<div style="border: 1px solid black; padding: 5px; text-align: center;"> New code Enter █ </div>
Enter the new code again	④ ⑤ ⑥ ④ ⑤ ⑥	<div style="border: 1px solid black; padding: 5px; text-align: center;"> New code Enter again █ </div>
The lock will now check your entry		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Please wait Check input 60% □ □ □ □ □ </div>
Lock confirms “Change U. code”		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Change U. code OK </div>

The lock will now check your entry.

The display will show one of the following messages:

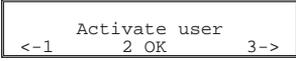
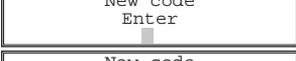
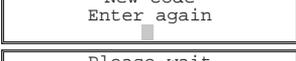
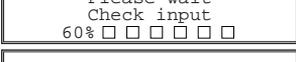
- „Change U. code OK“ Function was executed without problems.
- „Error, New code“ The first and second input of the new code are not equal.
- „Error“ Current or new code not OK (note instructions above).

***Activate User**

When supplied, only the user with the master code is active. Before other users can operate the lock, they must be activated.

Note

- This function can only be carried out by the master user.
- The code must be 6 digits long.
- Do not use any personal or easy to guess data for your code, such as birthdays.
- Simple codes that are easy to guess, may not be used. Avoid to record the selected code or save to disk. Should that for various reasons can not be avoid, so the recorded code is to be kept safe and to be protected against unauthorized access by third parties.
- New codes are rejected, if
 - the code is only one digit different from existing code.
 - the code is identical to the code of a disabled user.
- If the new code is rejected, the setup is exited immediately.
- For security reasons, you should change the code only when the safe is open. Before closing the door, check the correct functioning of the new codes.

Start menu	„Menu“ key	
Select menu option „Activate User“	① or ③	
Confirm selection	②	
Enter Master code	① ② ③ ④ ⑤ ⑥	
**Select user number (1-9)	③	
Enter new code	③ ⑤ ⑥ ④ ⑤ ⑥	
Enter new code again		
The lock will now check your entry		
Lock confirms “Activate User”		

The lock will now check your entry.
The display will show one of the following messages:

* depending on flash version
** maximum number of users depending on flash version / with Flash 2 selection of user number is not possible



- „Activate user OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.
- „Error, Already in use“ A code is already enabled for the user ID.
- „Error“ The user number is not possible with this lock.

***User On/Off**

All normal users are switched ON or OFF. If the user codes are switched OFF the lock can be opened with the Master code only.

Note

- This function can only be carried out by the master user.

Start menu	„Menu“ key	
Select menu option „User On/Off“	① or ③	
Confirm selection	②	
Enter Master code	① ② ③ ④ ⑤ ⑥	
The lock will now check your entry		
Lock confirms “User On/Off”		

The lock will now check your entry.
The display will show one of the following messages:

- „User On/Off OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.

*depending on flash version



***Delete User**

This function is executed separately for each user.

Note

- This function can only be carried out by the master user.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Delete User“	① or ③	Delete user <-1 2 OK 3->
Confirm selection	②	Delete user <-1 2 OK 3->
Enter Master code	① ② ③ ④ ⑤ ⑥	Enter Master code █
**Select user number (1-9)	③	Enter User ID █
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Lock confirms “Delete User”		Delete user OK

The lock will now check your entry.
The display will show one of the following messages:

- „Delete user OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.

* depending on flash version

** maximum number of users depending on flash version / with Flash 2 selection of user number is not possible

Check Keypad

Press each key in turn once. Start with 1, then 2 8, 9, 0. The „Menu“ and „C“ keys are not checked!

Note

- Each detected button is acknowledged by a high double beep.
- If the next key is not recognized when pressed, you will hear a deeper double beep and the display will show „Error“.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Check Keypad“	① or ③	Check keypad <-1 2 OK 3->
Confirm selection	②	Check keypad <-1 2 OK 3->
Press key 1	①	Check keypad 1 press
Press keys 2, ...8, 9, 0	②... ⑧ ⑨ ⑩	Check keypad 2 press
Lock confirms „Check Keypad“		Check keypad OK

*User Information

The function gives you an overview of the status of each user, whether they are deleted or if the code is in use

Note

- This function can only be carried out by the master user.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „User Information“	① or ③	User info <-1 2 OK 3->
Confirm selection	②	User info <-1 2 OK 3->
Enter master code	① ② ③ ④ ⑤ ⑥	Enter Master code

* depending on flash version

Processing of information		Please wait Check input 60% □ □ □ □ □
**Select user number (01-09)	① ①	User 01 Already in use
Select additional user	① ②	User 02 Deleted
Exit function	①	

The information in the display have the following meanings:

- „Already in use“ A code has already been enabled for the user number and is used.
- „Deleted“ The user number is still free and another code may be activated.
- „Not available“ The use of the user ID is not possible with this lock.

***Setting the Time Delay Values**

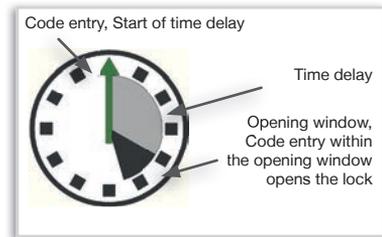
Setting the delay

Delay

01 to 99 minutes (2 digits)
 Sets the function. This time has to elapse before the lock can be opened.

Opening window

01 to 19 minutes (2 digits)
 Within this period, the code must be entered again to open the lock.



Note

- This function can only be carried out by the master user.
- A shorter opening delay time must be entered within the opening window (after the opening time delay).
- If the function is selected before or during the opening delay time, the opening delay time can only be extended. Shorter times are not accepted.
- After changing the times, the opening window will continue. Code entry for opening is possible.
- Only with Flash 4 two codes can be entered in the opening window. (see opening according to the dual mode identification)

* depending on flash version



Start menu	„Menu“ key	
Select menu option „Time delay“	① or ③	
Confirm selection	②	
Enter Master code	① ② ③ ④ ⑤ ⑥	
Opening time delay • 20 minutes (Example)	② ①	
Opening window • 6 minutes (Example)	① ⑥	
The lock will now check your entry		
Lock confirms “Time delay”		

The lock will now check your entry.
The display will show one of the following messages:

- „Time delay OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.
- „Error, Time delay“ Entered time not OK.

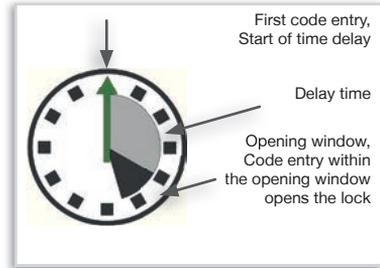
Changing the Time Delay Values (possible during the opening window only)

Note

- Switching off the function can only be performed during the opening window (after elapse of delay time).
- After switching off the function code entry is possible to open the lock.
- When new times are set during the opening window, they will be taken over after the elapse of opening window.

Start menu	„Menu“ key	
Select menu option „Time Delay“	① or ③	
Confirm selection	②	

Opening with activated time delay



***Overriding Time Delay (Quick Opening Code)**

Note

- User ID 9 must be active (see User setup)
- the user must be turned on (see User On / Off)
- first code (code for starting the time delay) must not user ID 9
- the code of user ID 9 must start with „9“

Enter code	① ② ③ ④ ⑤ ⑥	STUV - TULOX Code: █
- correct code		STUV - TULOX Code: ***** Accepted
Delay time is running		Time delay value
Enter code of user ID 9	⑨ ⑧ ⑦ ⑥ ⑤ ④	STUV - TULOX Code: █
- correct code	Turn the knob after the message for the correct code within 3 seconds clockwise	STUV - TULOX Code: ***** Accepted

* depending on flash version



Reset

With this function, the lock is reset to a predefined factory setting. As a result, all programmed user data will be deleted.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Reset“	① or ③	Reset <-1 2 OK 3->
Confirm selection	②	Reset <-1 2 OK 3->
Enter Master code	① ② ③ ④ ⑤ ⑥	Enter Master code █
The lock will now check your entry		Please wait Check input 60% █ █ █ █ █
Lock confirms “Reset”		Reset OK

The lock will now check your entry.
The display will show one of the following messages:

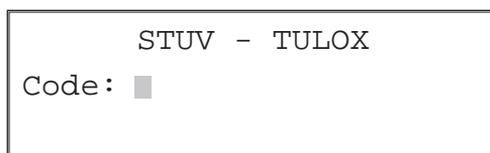
- „Reset, OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.



Instruction Manual TULOX 200 - Flash 7 to 8

For information about the installation of the lock, please refer to the separate installation manual.

The TULOX electronic safe lock system is equipped with advanced power management features. After a few seconds without operation the system turns off the display and starts the power saving mode. Pressing any key will wake the system. The display will show the following screen:



View of display

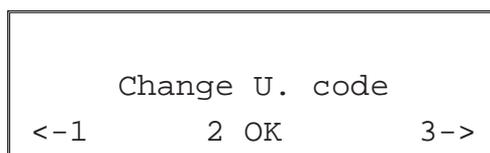
General Information

Encrypting

In the Flash versions 7-8 the keypad entry unit and lock are paired together with a matching ID. Both in the fitting and in the lock a unique ID is stored. The fitting checks the ID from the lock when power is applied. The lock will only operate when the by the hardware submitted ID matches the stored one in the lock.

General Information on Operation / Menu

An incorrect entered number can be deleted with the „C“ key. In order to the menu options you can navigate through the menu. To do so, press the “menu” key. The first menu option offered is “Change U. Code”. You can use keys “1” and “3” to move through the menu and select various menu options. You may confirm your selection using the “2” key. The menu is set up as follows:



View of display

```

Change U. code <-> Change M. code <-> Activate user <-> User on/off <-> Delete user

Language                                     User info
^                                             ^
v                                             v
Reset                                       Time delay
^                                             ^
v                                             v
Timeout                                   Log / Auditor

Setting clock <-> Brightness <-> Check keypad <-> Load time manag. <-> Auditor config.
    
```

Note

- The menu function selected will be shown on the top line of the display for 5 seconds.
- If there is a black cursor flashing on the screen, then the system is waiting for your entry.

Changing the Batteries

To insert or change new batteries, pull away the cover with a light force. The cover is held in place with magnets.

Insert the new batteries (4x, 1.5V, alkaline, AA, Mignon, LR6) in the keypad. Make sure the right polarity is used, as indicated on the casing.

Place the cover back on the base and snap it on with light pressure.

Note:

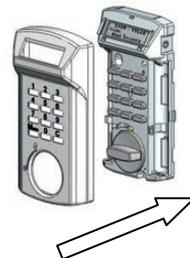
If the cover is not mounted, the lock cannot be operated normally.

Remove cover



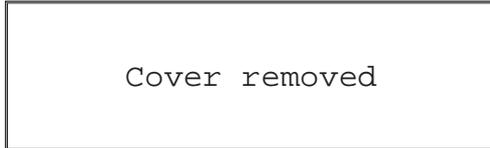
Replace cover

Ensure the keys are lined up before allowing the magnet to pull the cover into position.



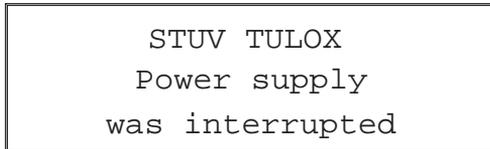


After snapping the cover back on, the display will show the message "Cover removed" for a short time. This will be showed repeatedly until a valid code has been entered.



If you see this message without having removed the cover, then check the keypad for potential tampering!

For another 3 sec. after this entry, the display will show the message: "Power supply was interrupted". This will also be shown repeatedly until a valid code has been entered.



Installation of Batteries and first use

Remove the cover with a slight force.		
Insert the batteries and replace the cover.	(Example)	FLASH VERSION 8
Enter code:	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	Enter Master code
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Set the date and time		Setting clock 31.01.15 14:19 01.01.14 00:00



Configuring the Language

You can select various languages.

Note

- After interrupting the power supply, for a purpose such as changing the batteries, this procedure has to be repeated.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Language“	① or ③	Language <-1 2 OK 3->
Confirm selection	②	Language <-1 2 OK 3->
Select language	① or ③	English <-1 2 OK 3->
Confirm selection	②	

Configuring Display Brightness

You can change the display’s brightness as needed.

Note

- The standard value is 10%.
- 0% will turn off the display’s illumination. The display will still be easily readable. This configuration is recommended to increase battery life.
- The brighter the display is set, the lower the battery life.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Brightness“	① or ③	Brightness <-1 2 OK 3->
Confirm selection	②	10% <input type="checkbox"/> <-1 2 OK 3->
Select brightness	① or ③	60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <-1 2 OK 3->
Confirm selection	②	



Timeout

Time before the screen turns off automatically if no operations are performed. The timeout can be set from 4 up to 10 seconds.

Start menu	„Menu“ key	<pre>Change U. code <-1 2 OK 3-></pre>
Select menu option „Timeout“	① or ③	<pre>Timeout <-1 2 OK 3-></pre>
Confirm selection	②	<pre>Timeout <-1 2 OK 3-></pre>
Enter	⑩ ⑥ (Example)	<pre>Timeout [04 - 10] █ sec</pre>
Lock confirms “Timeout”		<pre>Timeout OK</pre>

The lock will now check your entry.
The display will show one of the following messages:

- „Timeout OK“ Function was executed without problems.
- „Error“ Incorrect time entered.

Setting clock

Start menu	„Menu“ key	<pre>Change U. code <-1 2 OK 3-></pre>
Select menu option „Setting clock“	① or ③	<pre>Setting clock <-1 2 OK 3-></pre>
Confirm selection	②	<pre>Setting clock <-1 2 OK 3-></pre>
Enter Code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	<pre>Enter Master code █</pre>
The lock will now check your entry		<pre>Please wait Check input 60% █ █ █ █ █ █</pre>
Lock confirms “Setting clock”		<pre>Setting the clock 31.01.15 14:19 01.01.14 00:00</pre>

The lock will now check your entry.
The display will show one of the following messages:



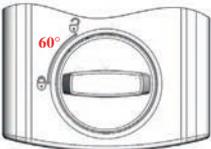
- correct code	Turn the knob after the message for the correct code within 3 seconds clockwise	STUV - TULOX Check input Accepted
----------------	---	---

Time Penalty due to incorrect entered Codes

If an incorrect code has been entered successively four times, the lock starts a blocking time of 5 minutes. The blocking time starts again after two further consecutive incorrect entries.

4 x incorrect codes [+ 2 further incorrect codes]	during the time penalty no access to the lock (5 min.)	Time penalty
--	--	--------------

Closing

Turn the knob handle counter-clockwise	
--	---

Make sure after closing that the lock is closed properly!

Battery Warning

First step

A critical discharge battery status is shown at an early stage by a message „Battery empty“ and signaled beeps. Change the batteries then (4 pieces 1,5V Alkaline, AA, Mignon, LR6).

Battery empty

Second step

At this stage, the supply voltage has reached a critical value, therefore, an opening can not be executed. After entering the code „Battery empty“ is displayed and the lock will not open.

Tamper Evidence

After snapping the cover back on, the display will show the message “Cover removed” for a short time. This will be showed repeatedly until a valid code has been entered.

Cover removed

If you see this message without having removed the cover, then check the keypad for potential tampering!

Change User Code

Note

- The code must be 8 digits long.
- Do not use any personal or easy to guess data for your code, such as birthdays.
- Simple codes that are easy to guess, may not be used. Avoid to record the selected code or save to disk. Should that for various reasons can not be avoid, so the recorded code is to be kept safe and to be protected against unauthorized access by third parties.
- For security reasons, you should change the code only when the safe is open. Before closing the door, check the correct functioning of the new codes.
- New codes are rejected, if
 - the code is only one digit different from existing code.
 - the code is identical to the code of a disabled user.

Start menu	„Menu“ key	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Change U. code <-1 2 OK 3-> </div>
Confirm selection	Ⓜ	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Change U. code <-1 2 OK 3-> </div>
Enter the current code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Current code Enter █ </div>
Enter the new code	④ ⑤ ⑥ ⑨ ⑧ ④ ⑤ ⑥	<div style="border: 1px solid black; padding: 5px; text-align: center;"> New code Enter █ </div>
Enter the new code again	④ ⑤ ⑥ ⑨ ⑧ ④ ⑤ ⑥	<div style="border: 1px solid black; padding: 5px; text-align: center;"> New code Enter again █ </div>
The lock will now check your entry		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Please wait Check input 60% □ □ □ □ □ □ </div>
Lock confirms “Change U. Code”		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Change U. code OK </div>

The lock will now check your entry.

The display will show one of the following messages:

- „Change U. code OK“ Function was executed without problems.
- „Error, New code“ The first and second input of the new code are not equal.
- „Error“ Current or new code not OK (note instructions above).



Change Master Code

Note

- The code must be 8 digits long.
- Do not use any personal or easy to guess data for your code, such as birthdays.
- Simple codes that are easy to guess, may not be used. Avoid to record the selected code or save to disk. Should that for various reasons can not be avoid, so the recorded code is to be kept safe and to be protected against unauthorized access by third parties.
- For security reasons, you should change the code only when the safe is open. Before closing the door, check the correct functioning of the new codes.
- New codes are rejected, if
 - the code is only one digit different from existing code.
 - the code is identical to the code of a disabled user.

Start menu	„Menu“ key	<pre> Change U. code <-1 2 OK 3-> </pre>
Select menu option „Change M. Code“	① or ③	<pre> Change M. code <-1 2 OK 3-> </pre>
Confirm selection	②	<pre> Change M. code <-1 2 OK 3-> </pre>
Enter the current code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	<pre> Current code Enter </pre>
Enter the new code	⑨ ⑧ ⑥ ⑤ ④ ③ ② ①	<pre> New code Enter </pre>
Enter the new code again	⑨ ⑧ ⑥ ⑤ ④ ③ ② ①	<pre> New code Enter again </pre>
The lock will now check your entry		<pre> Please wait Check input 60% □ □ □ □ □ □ □ □ </pre>
Lock confirms “Change M. Code”		<pre> Change M. code OK </pre>

The lock will now check your entry.

The display will show one of the following messages:

- „Change M. code OK“ Function was executed without problems.
- „Error, New code“ The first and second input of the new code are not equal.
- „Error“ Current or new code not OK (note instructions above).

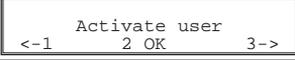
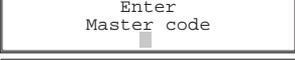
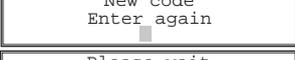
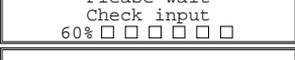
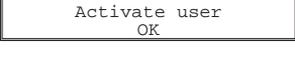


Activate User

When supplied, only the user with the master code is active. Before other users can operate the lock, they must be activated.

Note

- This function can only be carried out by the master user.
- The code must be 8 digits long.
- Do not use any personal or easy to guess data for your code, such as birthdays.
- Simple codes that are easy to guess, may not be used. Avoid to record the selected code or save to disk. Should that for various reasons can not be avoid, so the recorded code is to be kept safe and to be protected against unauthorized access by third parties.
- New codes are rejected, if
 - the code is only one digit different from existing code.
 - the code is identical to the code of a disabled user.
- If the new code is rejected, the function is exited immediately.
- For security reasons, you should change the code only when the safe is open. Before closing the door, check the correct functioning of the new codes.
- User number 99 for bypassing time delay (Quick Opening Code -> see page 38) can be created only, if
 - Time delay is set off.
 - Time delay is set on, delay time has passed and the lock status is within the opening window (Operation with Time Delay -> see page 38).

Start menu	„Menu“ key	
Select menu option „Activate user“	① or ③	
Confirm selection	②	
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	
Select user number (01 - 97 and 99)	⑩ ③ (Example)	
Enter new code	⑩ ③ ⑥ ⑨ ⑧ ④ ⑤ ⑥	
Enter new code again	⑩ ③ ⑥ ⑨ ⑧ ④ ⑤ ⑥	
The lock will now check your entry		
Lock confirms “Activate user”		



The lock will now check your entry.
The display will show one of the following messages:

- „Activate user OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.
- „Error, Already in use“ A code is already enabled for the user ID.
- „Error“ The user number is not possible with this lock.

***User On/Off**

All normal users are switched ON or OFF. If the user codes are switched OFF the lock can be opened with the master code only.

Note

- This function can only be carried out by the master user.

Start menu	„Menu“ key	
Select menu option „User On/Off“	① or ③	
Confirm selection	②	
Enter Master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	
The lock will now check your entry		
Lock confirms “User On/Off”		

The lock will now check your entry.
The display will show one of the following messages:

- „User On/Off OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.

* depending on flash version

Delete User

This function is executed separately for each user.

Note

- This function can only be carried out by the master user.

Start menu	„Menu“ key	<pre> Change U. code <-1 2 OK 3-> </pre>
Select menu option „Delete user“	① or ③	<pre> Delete user <-1 2 OK 3-> </pre>
Confirm selection	②	<pre> Delete user <-1 2 OK 3-> </pre>
Enter Master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	<pre> Enter Master code █ </pre>
Select user number (01 - 97 and 99)	⑩ ③ (Example)	<pre> Enter User ID █ </pre>
The lock will now check your entry		<pre> Please wait Check input 60% █ █ █ █ █ </pre>
Lock confirms „Delete user“		<pre> Delete user OK </pre>

The lock will now check your entry.

The display will show one of the following messages:

- „Delete user OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.



Check Keypad

Press each key in turn once. Start with 1, then 2 ... 8, 9, 0. The „Menu“ and „C“ keys are not checked!

Note

- Each detected button is acknowledged by a high double beep.
- If the next key is not recognized when pressed, you will hear a deeper double beep and the display will show „Error“.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Check keypad“	① or ③	Check keypad <-1 2 OK 3->
Confirm selection	②	Check keypad <-1 2 OK 3->
Press key 1	①	Check keypad 1 press
Press keys 2, ...8, 9, 0	② ... ⑧ ⑨ ⑩	Check keypad 2 press
Lock confirms “Check keypad”		Check keypad OK

User Information

The function gives you an overview of the status of each user, whether they are deleted or if the code is in use.

Note

- This function can only be carried out by the master user.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „User info“	① or ③	User info <-1 2 OK 3->
Confirm selection	②	User info <-1 2 OK 3->
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	Enter Master code

Processing of information		Please wait Check input 60% □ □ □ □ □
Select user number	⓪① (Example)	User 01 Already in use
Select additional user	⓪② (Example)	User 02 Deleted
Exit function	⓪⓪	

The information in the display have the following meanings:

- „Already in use“ A code has already been enabled for the user number and is used.
- „Deleted“ The user number is still free and another code may be activated.
- „Not available“ The use of the user ID is not possible with this lock.

Setting the Time Delay Values

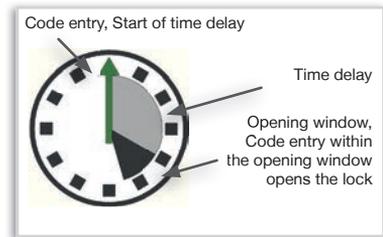
Setting the delay

Delay

01 to 99 minutes (2 digits)
Sets the function. This time has to elapse before the lock can be opened.

Opening window

01 to 19 minutes (2 digits)
Within this period, the code must be entered again to open the lock.



Note

- This function can only be carried out by the master user.
- A shorter opening delay time must be entered within the opening window (after the opening time delay).
- If the function is selected before or during the opening delay time, the opening delay time can only be extended. Shorter times are not accepted.
- After changing the times, the opening window will continue. Code entry for opening is possible.
- Only with Flash 7 two codes can be entered in the opening window. (see opening according to the dual mode identification)



Start menu	„Menu“ key	
Select menu option „Time delay“	① or ③	
Confirm selection	②	
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	
Opening delay time • 20 minutes (Example)	② ①	
Opening window • 6 minutes (Example)	① ⑥	
The lock will now check your entry		
Lock confirms “Time delay”		

The lock will now check your entry.
The display will show one of the following messages:

- „Time delay OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.
- „Error, Time delay“ Entered time not OK.

Changing the Time Delay Values (possible during the opening window only)

Note

- Switching off the function can only be performed during the opening window (after elapse of delay time).
- After switching off the function code entry is possible to open the lock.
- When new times are set during the opening window, they will be taken over after the elapse of opening window.

Start menu	„Menu“ key	
Select menu option „Time delay“	① or ③	
Confirm selection	②	



Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	Enter Master code
Delay time • switch off: 00	⑩ ⑩	Enter Time delay [00-99] -> min
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Lock confirms "Time delay deleted"		Time delay Deleted

The lock will now check your entry.
The display will show one of the following messages:

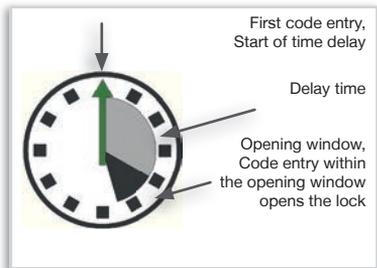
- „Time delay Deleted“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.
- „Error“ Turning off the function can only be performed within the opening window.

Opening when Time Delay is Active

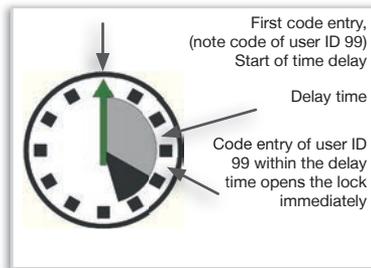
Note

- Entering an invalid code in the menu within the opening delay time will cancel the entire procedure.
- Only with Flash 7 two codes can be entered in the opening window. (see opening according to the dual mode identification)

Enter code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	STUV - TULOX Code: █
- correct code		STUV - TULOX Code: ***** Accepted
Delay time is running		Time delay value
Start opening window	Display flashes and lock beeps in 2 sec. clock	
Re-enter valid code (within the opening window)	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	STUV - TULOX Code: █
- correct code	Turn the knob after the message for the correct code within 3 seconds clockwise	STUV - TULOX Code: ***** Accepted



Opening with **activated** time delay



Opening with **overriding** time delay

***Overriding Time Delay (Quick Opening Code)**

Note

- User ID 99 must be active (see Activate user -> page 34)
- the user must be turned on (see User On / Off -> page 35)
- first code (code for starting the time delay) must not user ID 99
- the code of user ID 99 must start with „99“

Enter code	① ① ① ② ③ ④ ⑤ ⑥ (Example for user 01)
- correct code	
Delay time is running	
Enter code of user ID 99	⑨ ⑨ ⑧ ⑦ ⑥ ⑤ ④ ③
- correct code	Turn the knob after the message for the correct code within 3 seconds clockwise

Code: STUV - TULOX
Code: █
Code: STUV - TULOX
Code: *****
Accepted
Time delay value
Code: STUV - TULOX
Code: █
Code: STUV - TULOX
Code: *****
Accepted

* depending on flash version



* Log / Auditor

Events are logged in the keypad (no codes). A special user, called the auditor, is able to view these events either on the display in abbreviated form or download them via USB port and the TULOX computer software (reading detailed information is only possible on computer screens). For this function, there is a separate code. Upon leaving the factory, the lock's auditor code is configured as 8 - 7 - 6 - 5 - 4 - 3 - 2 - 1. If the auditor has not yet been activated (factory setting), the master takes over this function.

The following events are logged:

- Restart (Change of batteries)
- Code accepted
- Code denied
- Code changed
- New user activated
- User On/Off
- User deactivated
- User information
- Time delay
- Log / Auditor
- Event log
- Reset auditor
- Auditor code changed
- Auditor On
- Auditor Off
- Loading time management
- Setting clock
- Reset
- Time penalty
- Silent alarm
- Cover removed



Please perform the following steps with the lock to read the information on a computer

Read Event Memory (Detail on PC)

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Log / Auditor“	① or ③	Log / Auditor <-1 2 OK 3->
Confirm selection	②	Log / Auditor <-1 2 OK 3->
Select menu option „Connect PC“	① or ③	Connect PC <-1 2 OK 3->
Confirm selection	②	Connect PC <-1 2 OK 3->
Enter code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥ (master) ⑧ ⑦ ⑥ ⑤ ④ ③ ② ① (auditor)	Enter Code: *****
The lock will now check your entry		Please wait Check input 60% □ □ □ □ □ □
Lock confirms “Connect PC”		Connect PC OK

Read Event Memory (Short form on display)

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Log / Auditor“	① or ③	Log / Auditor <-1 2 OK 3->
Confirm selection	②	Log / Auditor <-1 2 OK 3->
Select menu option „Event memory“	① or ③	Event memory <-1 2 OK 3->
Confirm selection	②	Event memory <-1 2 OK 3->
Enter code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥ (master) ⑧ ⑦ ⑥ ⑤ ④ ③ ② ① (auditor)	Enter Code: *****
The lock will now check your entry		Please wait Check input 60% □ □ □ □ □ □
Display shows event memory		31.01.15 14:19 00 Protocol 21 <-1 2 OK 3->



Reset Auditor (via Display)

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Log / Auditor“	① or ③	Log / Auditor <-1 2 OK 3->
Confirm selection	②	Log / Auditor <-1 2 OK 3->
Select menu option „Reset auditor“	① or ③	Reset auditor <-1 2 OK 3->
Confirm selection	②	Reset auditor <-1 2 OK 3->
Enter auditor code	⑧ ⑦ ⑥ ⑤ ④ ③ ② ①	Enter Auditor code Code: *****
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Lock confirms “Reset auditor”		Reset auditor OK

Change Auditor Code (via Display)

Start menu	②	Change U. code <-1 2 OK 3->
Select menu option „Log / Auditor“	① or ③	Log / Auditor <-1 2 OK 3->
Confirm selection	②	Log / Auditor <-1 2 OK 3->
Select menu option „Change auditor code“	① or ③	Change audit code <-1 2 OK 3->
Confirm selection	②	Change audit code <-1 2 OK 3->
Enter auditor code	⑧ ⑦ ⑥ ⑤ ④ ③ ② ①	Current code Enter
Enter new auditor code	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	New code Enter
Enter new auditor code again	① ② ③ ④ ⑤ ⑥ ⑦ ⑧	New code Enter again

Auditor Off (via Display)

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Auditor configuration“	① or ③	Auditor config. <-1 2 OK 3->
Confirm selection	②	Auditor config. <-1 2 OK 3->
Select menu option „Auditor off“	① or ③	Auditor off <-1 2 OK <input type="checkbox"/> 3->
Confirm selection	②	Auditor off <-1 2 OK 3->
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	Enter Master code █
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Lock confirms “Auditor off”		Auditor off OK

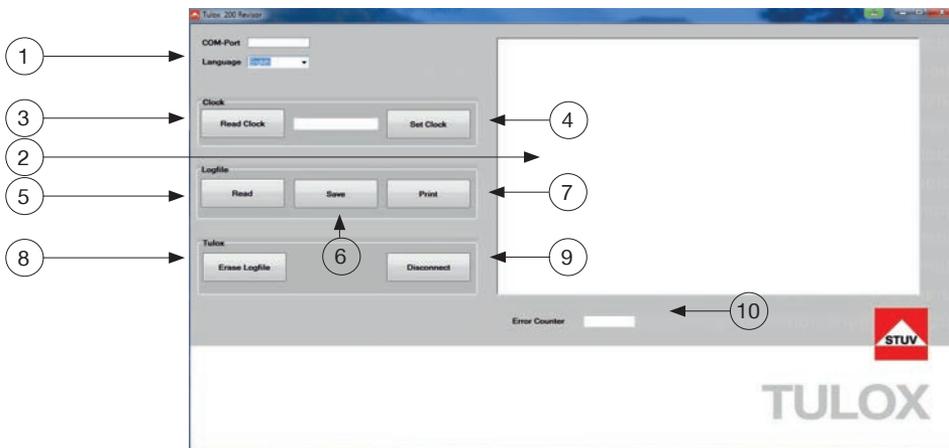
Reset Auditor (via Display)

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Auditor configuration“	① or ③	Auditor config. <-1 2 OK 3->
Confirm selection	②	Auditor config. <-1 2 OK 3->
Select menu point „Reset auditor“	① or ③	Reset auditor <-1 2 OK 3->
Confirm selection	②	Reset auditor <-1 2 OK 3->
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	Enter Master code █
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Lock confirms “Reset auditor”		Reset auditor OK



*PC Program Auditor

Menu -> Audit / Rev -> Connect PC -> Enter Auditor Code (Master code only in the case of no Auditor code). Connect the USB cable to the PC and start the program TULOX 200 Auditor.



Language

1 - Data output

Event Window

2 - Data output

- User who caused the event
- Date and time
- Event occurred
- Incorrect entry counter: This counter is incremented for each incorrect entry of a code by one (max. 255). This counter can only be reset by deleting the log files.

**Clock**

- 3 - Displays the time of TULOX lock
- 4 - Setting the time

Logfile

- 5 - Data output (the data is displayed in the event window)
- 6 - Storing the data in a file
- 7 - Printing of the data

Tulox

- 8 - Deletion of data
- 9 - Disconnect

Incorrect Code Counter

- 10 - This counter is incremented for each incorrect entry of a code by 1 digit

Load Time Management

Start menu	„Menu“ key	<pre> Change U. code <-1 2 OK 3-> </pre>
Select menu option „Load time management“	① or ③	<pre> Load time manag. <-1 2 OK 3-> </pre>
Confirm selection	②	<pre> Load time manag. <-1 2 OK 3-> </pre>
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	<pre> Enter Master code </pre>
The lock will now check your entry		<pre> Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </pre>
Lock confirms “Load time management”		<pre> Load time manag. OK </pre>

The lock will now check your entry.

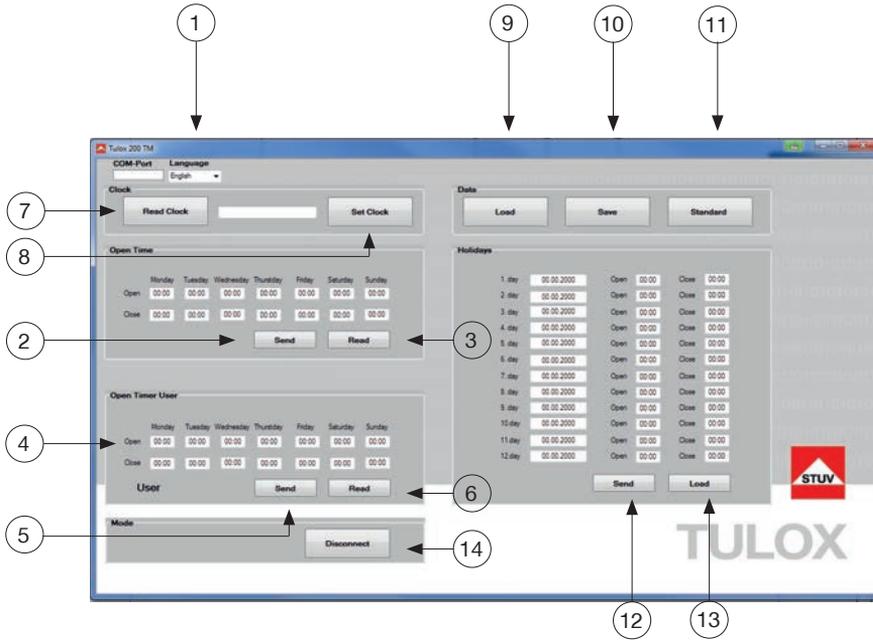
The display will show one of the following messages:

- Load time manag. OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.

PC Program Time Management

Menu -> Time manag. -> Enter Master Code. Connect the USB cable to the PC and start the program **TULOX 200 Time Management**.

There are 6 different areas:



Language

1 - Data output

Opening Times | Generally - Settings weekly plan (is repeated weekly)

2 - Data is transferred into the lock

3 - Loading lock data

Opening Times User | Entry of the user-specific time windows (max. 97 user)

- 4 - User for time configuration
- 5 - Data is transferred into the lock
- 6 - Loading lock data

Clock

- 7 - Readout of the date and time of TULOX
- 8 - Setting the date and time

Data

- 9 - Loading of a preconfigured file
- 10 - Storing the data in a file
- 11 - Factory setting

Holidays | Time window for 12 special days (e.g. holidays)

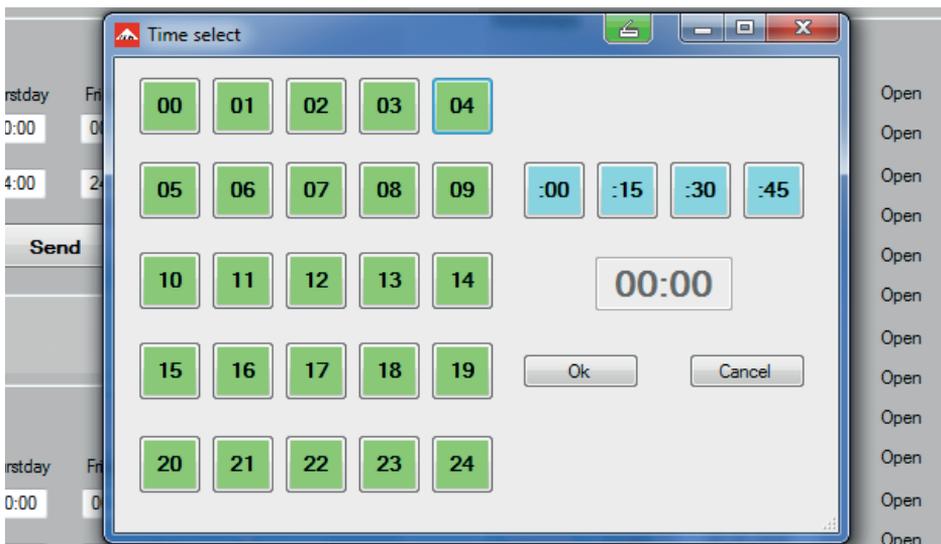
- 12 - Data is transferred into the lock
- 13 - Loading lock data

Mode

- 14 - Disconnect

User selection





Setting Time (Open Time / Open Time User / Holidays)

Appears when changing the times (mouse click in the editor window). Time can be set here.

Reset

With this function, the lock is reset to a predefined initial state. As a result, all programmed user data will be deleted.

Start menu	„Menu“ key	Change U. code <-1 2 OK 3->
Select menu option „Reset“	① or ③	Reset <-1 2 OK 3->
Confirm selection	②	Reset <-1 2 OK 3->
Enter master code	⑨ ⑧ ① ② ③ ④ ⑤ ⑥	Enter Master code





The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Lock confirms "Reset"		Reset OK

The lock will now check your entry.
The display will show one of the following messages:

- „Reset, OK“ Function was executed without problems.
- „Error, Master code“ Entered master code not OK.

Silent Alarm (with external Hardware only)

The lock system can send a silent signal to an alarm system if the user is being coerced into opening the lock with the entry of a special code which also opens the lock. The last digit of the user or master's code should be increased or decreased by 1 to activate the silent alarm signal. Upon delivery, the master code is factory set to 9 - 8 - 1 - 2 - 3 - 4 - 5 - 6.

Enter the first 7 digits of the code	⑨ ⑧ ① ② ③ ④ ⑤	STUV - TULOX Code: █
Enter the 8 th digit of the code	④ or ⑦	STUV - TULOX Code: *****
The lock will now check your entry		Please wait Check input 60% <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
The lock was opened and simultaneously triggered alarm	Turn the knob after the message for the correct code within 3 seconds clockwise	STUV - TULOX Check input Accepted

EMERGENCY FUNCTION: Open the Lock with Mechanical Key (optional)

Depending on the version, the TULOX electronic safe lock system is shipped with a mechanical key. With this key, the lock can be opened in case a valid user and code are unavailable or in the event that the keypad has been tampered with

Note

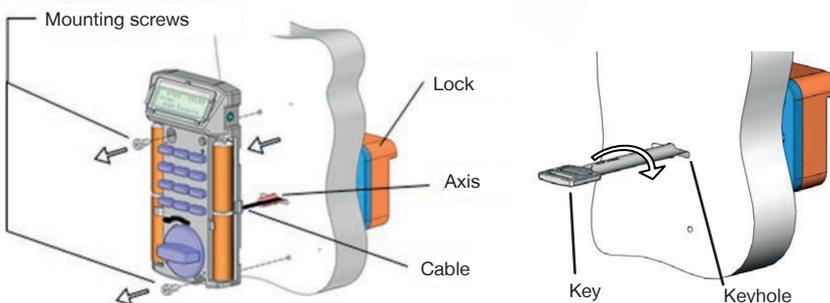
- The key must always be taken out after locking so that it is inaccessible to unauthorized parties.
- The key must always be kept in a safe place.
- Do not leave the key in your safe!
- When a key is lost, replace the lock immediately.

Disassembling your Keyboard

The keyhole of the lock lies behind the keyboard.

Pull away the cover with alight force. The cover is held in place with magnets.

Remove the two screws and slide the keyboard off the safe door. The axis and the cables are visible.





Depending on mounting the cable has been run through the axis into the safe (see image page 51) or through a separate drilling hole.

If the cable is run through the axis, you have to unplug the cable with a short pull from the lock. Only now you can put the keyboard with the cable to the side. Remove the axis from the keyhole. Now the keyhole is accessible and you can open the lock with the key. Before the lock can be opened again by entering a code, the cable must be replaced and properly installed. For this purpose order a service technician.

If the cable is run through a separate hole, you only have to pull the axis out of the keyhole. Now the keyhole is accessible and you can open the lock with the key. Before the lock can be opened again by entering a code, the axis and the keyboard must be installed properly.

Opening with Key

Insert the key fully into the lock. Turning the key 170° clockwise opens the lock.

The key is used to operate the lock. When the key is used as a handle for opening the door, we point out that only limited amount of force can be transferred from the key. In case of overload damage to lock and key may occur.

Closing with Key

Locking is done in the opposite way of the opening



Troubleshooting Guide

Forgot User Code

If a user has forgotten his code	Delete user (see Delete User)	<div style="border: 1px solid black; padding: 5px; text-align: center;"> Delete user <-1 2 OK 3-> </div>
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Forgot Master Code

If a master has forgotten his code	Please notify customer service
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Message / Display

No display	Change batteries The keyboard is not attached properly	<div style="border: 1px solid black; padding: 10px; text-align: center; margin-top: 20px;"> Cover removed </div>
The display is in error blocked message	Remove the cover with a light force, remove the batteries and insert them again (see Changing batteries)	
No key tone	The keyboard is not attached properly Check the keyboard (see Check Keypad)	
Cover removed	incorrect code entered The keyboard is not attached properly	

Mechanically

Blocked mechanics	If you have entered a correct code and the lock does not open yet, please check if the knob is rotated 180 °
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