

SOREX[®]

wireless Solutions

SOREX Unilock WiFi

Instruction Manual



Imprint

Version 1.0

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1. Package Contents



1. Unilock outdoor unit
2. Unilock indoor unit

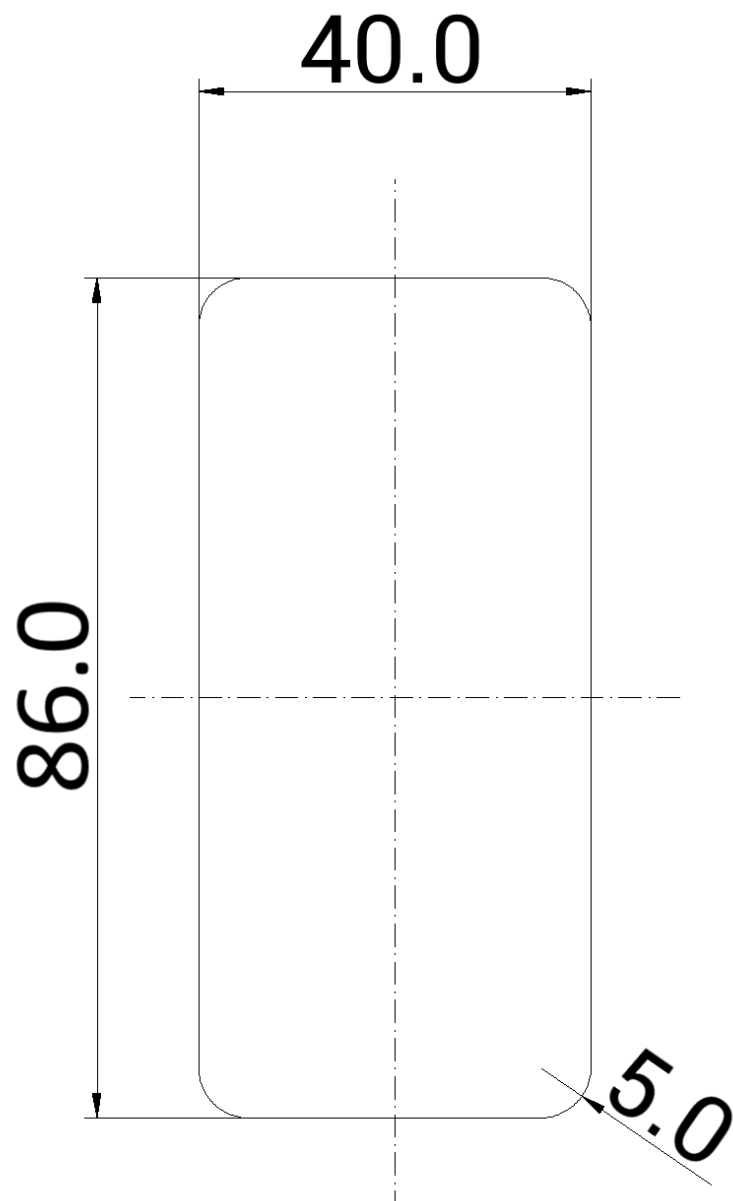
The power supply unit is not included in the package.

2. Technical Data

Article number	D0501000
EAN	0685717261229
Special feature	External relay cable (indoor unit) for sabotage protection
Encryption of indoor and outdoor unit	AES 128 bit
IP protection class	IP66 (if glued on waterproof)
Temperature range	-30 to 60°C
Power supply	12V DC 200mA
Relay	1A/250V Switching current/switching voltage
Compatibility	With all current motor locks (KFV, ROTO, GU, Fuhr, Wilka, Dom, ...)
User data storage (fingerprint, RFID, codes, mobile phone)	Permanent (even after power outage)
Amount of media	100 fingerprints 150 numeric codes 200 RFID media Unlimited eKeys

ATTENTION: For safety reasons, the **indoor and outdoor units** are **permanently paired**. This means that the indoor and outdoor units are not **interchangeable**. If you want to replace one component, you always **HAVE TO** replace both components.

3. Milling Drawing



in mm (not to scale)

Overall depth: 20mm

Installation depth: 15mm

4. Installation/Wiring

4.1. Installation

- First, mill the hole in the mounting area of the wall or door leaf.



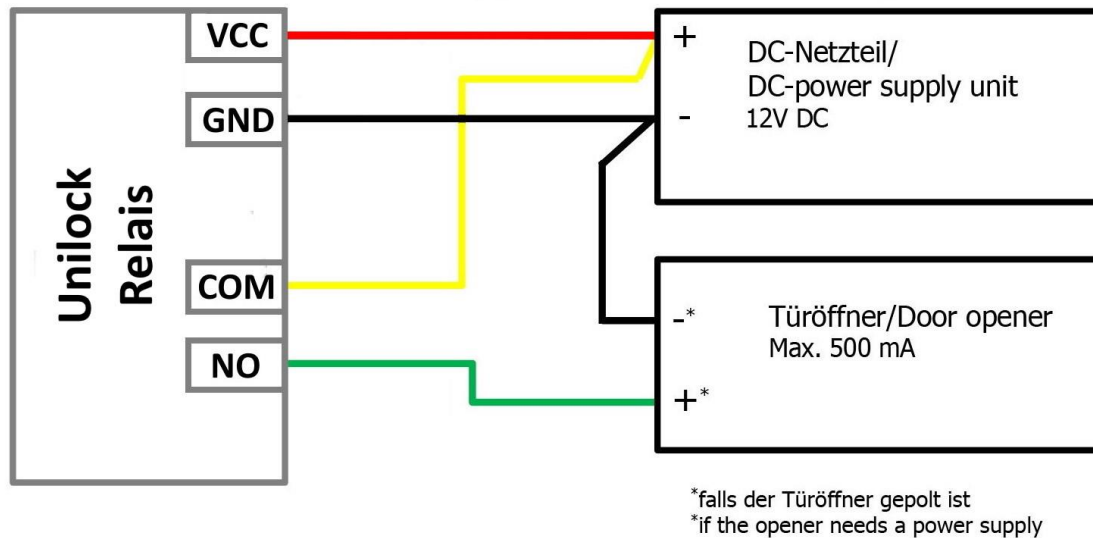
- Then, thread the cable through the milled hole. Afterwards, you can connect the cable of the outdoor unit with that of the indoor unit. Make sure that the indoor unit is not accessible from the outside (e.g. by pulling out the cables).



4.2. Wiring Relay (Indoor Unit) with Door Opener

- You can now wire the indoor unit (relay) to the door opener and the power supply.

Verkabelungsplan für E-Öffner / Wiring diagram for electronic openers

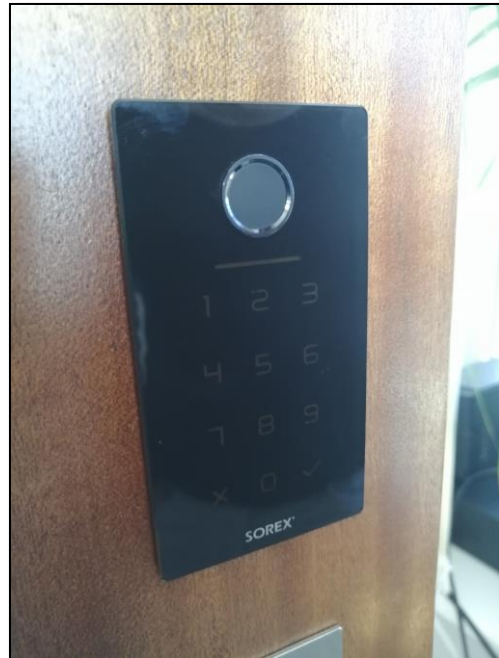


ATTENTION: Make sure to carry out an electrical test and confirm that the unit is in working order. Check that the Unilock is powered and perform a test opening. Check whether the door opener releases.

Note: If the unit is in the factory setting, you can enter the code "123456" on the keypad and confirm by pressing the "tick" in order to perform a test opening)

4.3. Finishing the Installation

- Provided the previous tests were successful, you can now finish the installation. To do so, peel off the protective film of the double-sided adhesive tape on the Unilock and stick it to its desired mounting location.



- After gluing the Unilock in place, be sure to check that it is glued on waterproof.

You can test this by carefully running water over the unit. Then check whether there is water behind the device. If this is the case, firmly press the unit against the mounting area again and give the adhesive some more time before carrying out another water test.

If water also still behind the device during another water test, you can additionally apply silicone around the glass plate.

5. Smartphone App

5.1. Installation

- Search for the app "TTLock" in the **Google Play Store** or **Apple Store**.



Or scan the following QR code:

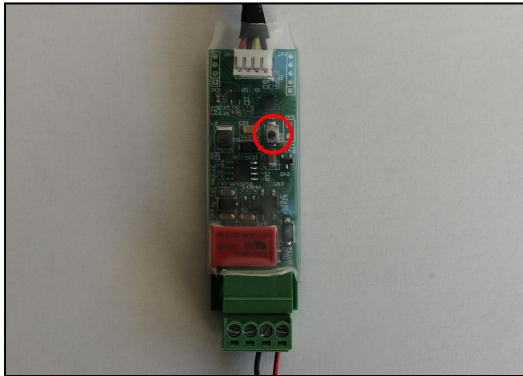



5.2. Registration

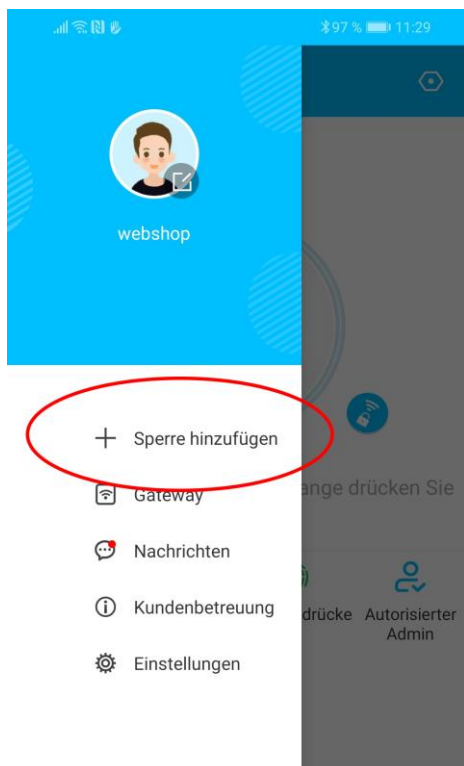
Register with your **email address** or **phone number**. This is important so that you can restore access to your **SOREX Unilock WiFi** in case you lose your smartphone or password.

5.3. Initial Setup

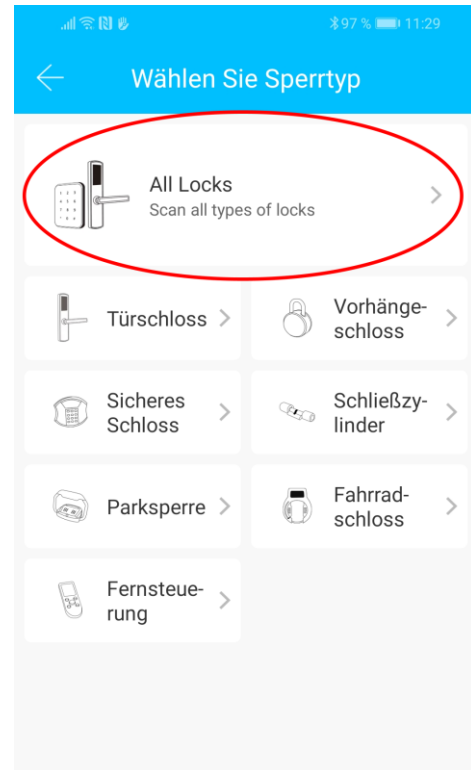
- First, press the reset button on the indoor unit for approx. 3 seconds or until two signal tones are played in quick succession.



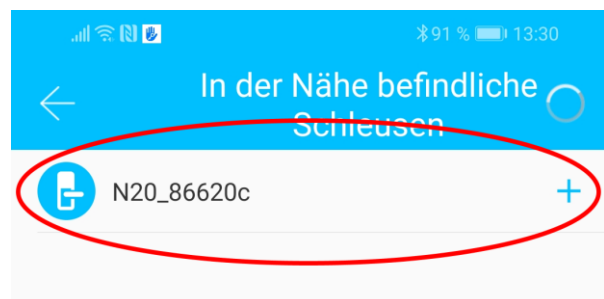
- Open the app, and, on the main page, press  in the top left corner. In the menu that opens, please press "Add lock".



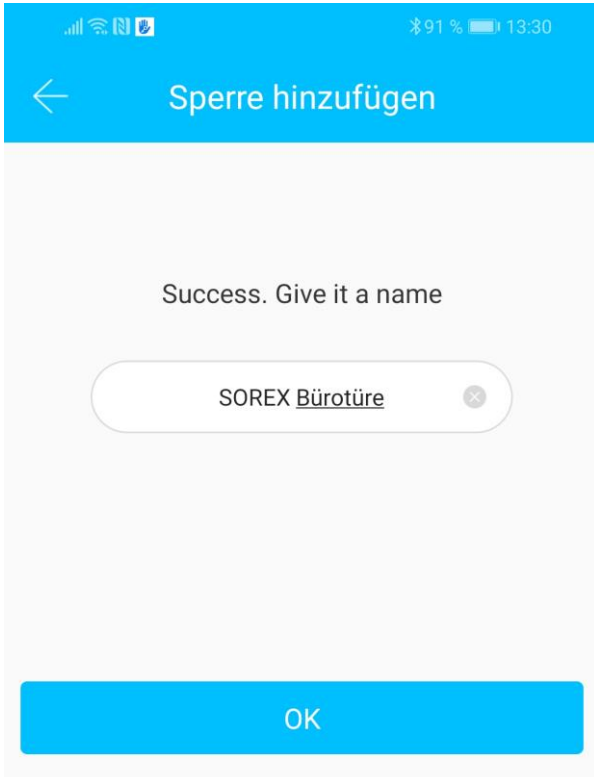
- A page will open, please select "All Locks".



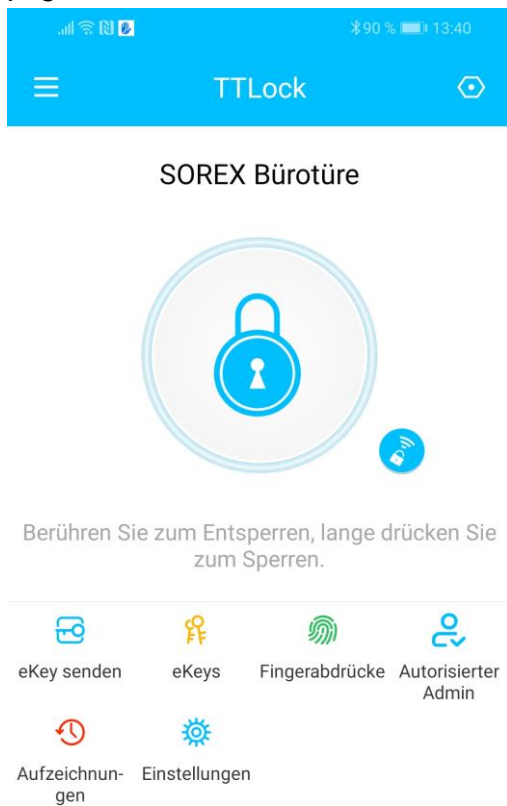
- It is now searching for locks nearby. Please click on the lock that was found.
- **Attention:** In order for the lock to be found, you have to wake it up by briefly holding a finger against the fingerprint sensor or on the keypad.



- You can now assign your lock a name and complete the setup with "OK".



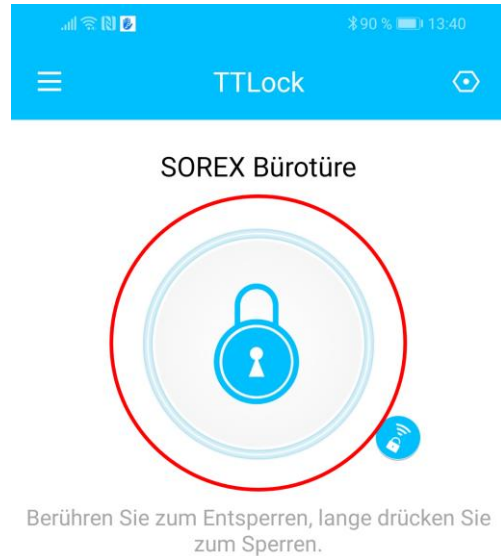
- You will now see your lock on the main page.



5.4. Features

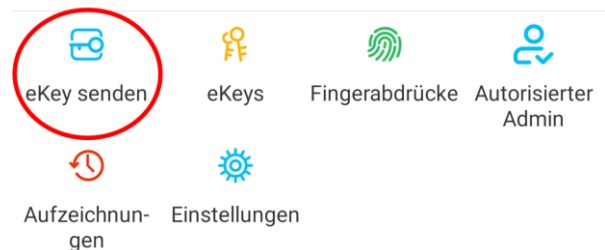
5.4.1. Opening via Bluetooth

- You can unlock your lock within Bluetooth range by using the large lock button.

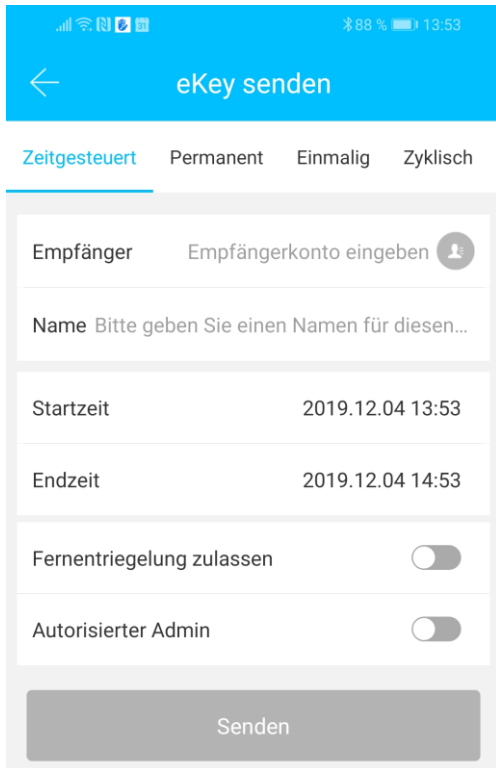


5.4.2. Invite Users

- To invite users to the app, first press **"Send eKey"** on the main page.



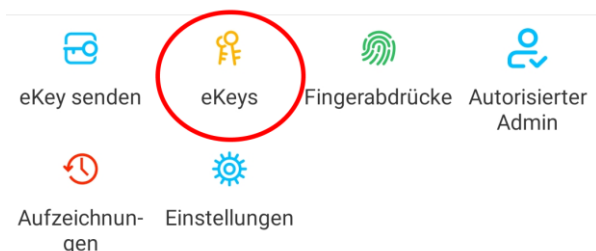
- A window with 4 different options for granting access appears:
 - Timed: from-to period
 - Permanent: permanent access
 - One-time: access valid for one-time opening
 - Cyclical: Recurring access, e.g. Mon-Fri every week



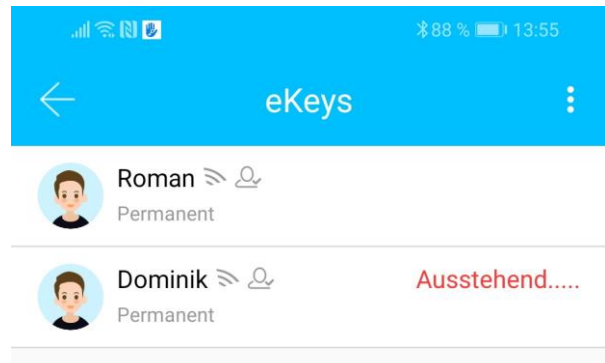
- You always have to specify the recipient's account (telephone number or email) and name. In addition, you can enter further information, such as the period of time that the access will be valid for. Finally, press "**Send**" to send the invitation.
- Note: Via the "**Allow remote unlocking**" option, you can determine whether the user is also allowed to open via gateway. Please find additional information on this under [3.5. Gateway](#).

5.4.3. Remove User

- To remove users, first open the user list via "eKeys".

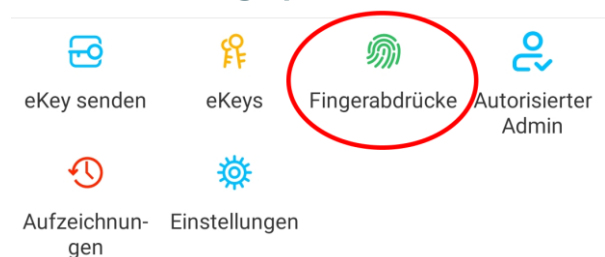



- Then, click on the user you would like to remove to select it.

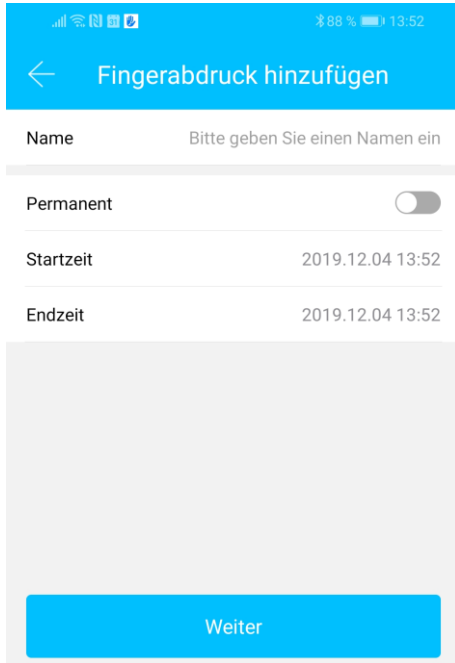


- A window with user information opens. To delete the user, press the red opens "**Delete**" button.

5.4.4. Learn Fingerprint

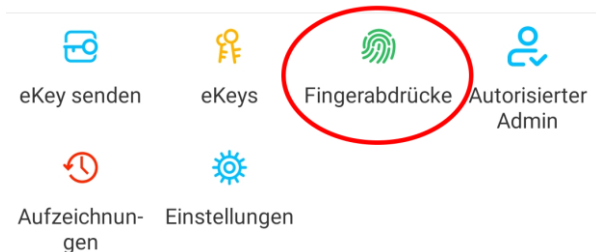


- First, press "**Fingerprints**" on the main page and then press  and "**Add fingerprint**". You can now enter a name and select whether the user will receive permanent or temporary access.

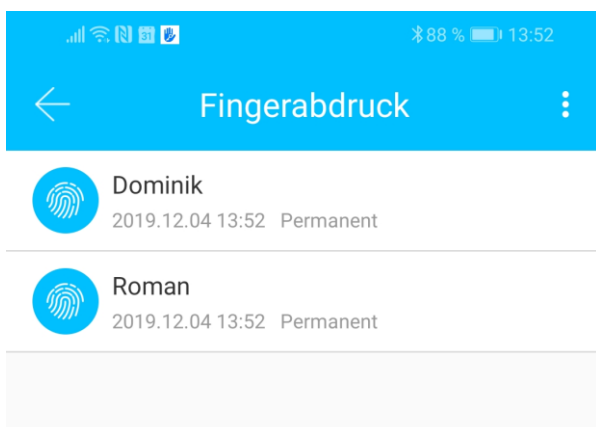


- After clicking on **"Next"**, please follow the instructions in the app to learn the fingerprint.

5.4.5. Delete Fingerprint



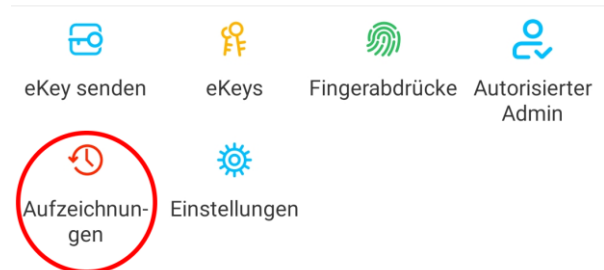
- First, press **"Fingerprints"** on the main page and then click on the use the user to be deleted.



- In the following window, press **"Delete"** to remove the selected user.

5.4.6. Check Logs

- To check the logs, press **"Records"** on the main page.



5.4.7. Generate Numeric Code

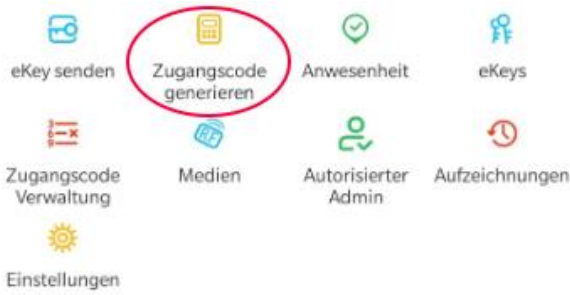


- First, press **"Generate access code"** on the main page.

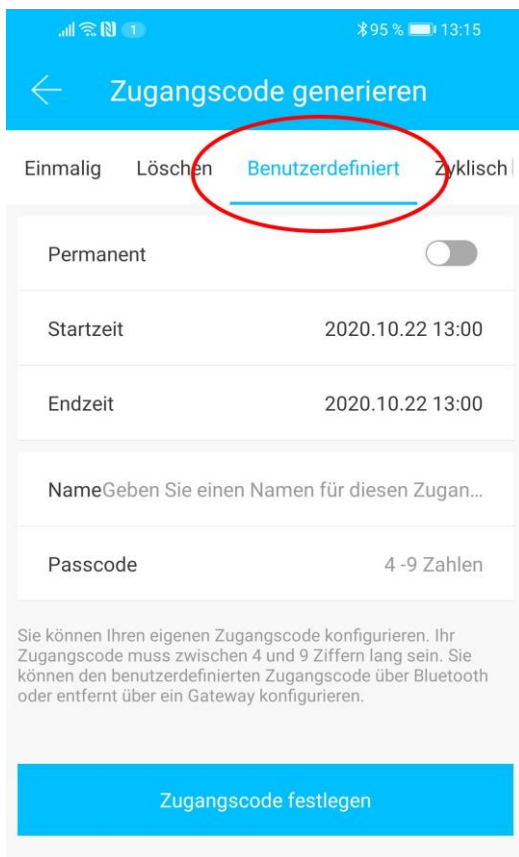


- Enter a name and press **"Generate access code"**. A random code is then generated and displayed.

5.4.8. Create Custom Numeric Code



- First, press **"Generate access code"** on the main page. In the following window, select **"User-defined"**.

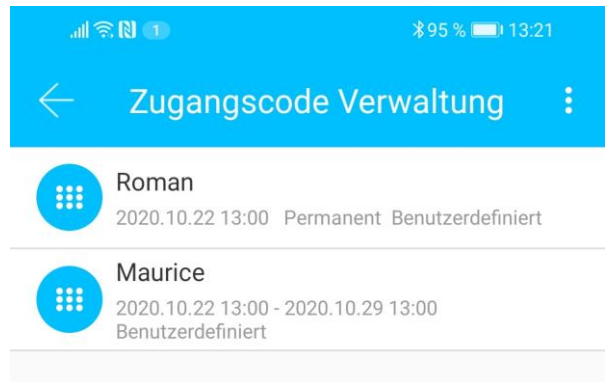


Either select permanent or specify the validity period. Enter the name and your desired code. Finally, press **"Set access code"** to transfer the code to the door lock.

5.4.9. Delete Numeric Code

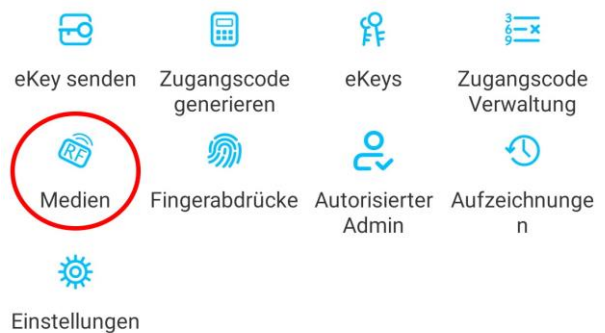


- First, press **"Access code administration"** on the main page and then click on the user to be deleted.

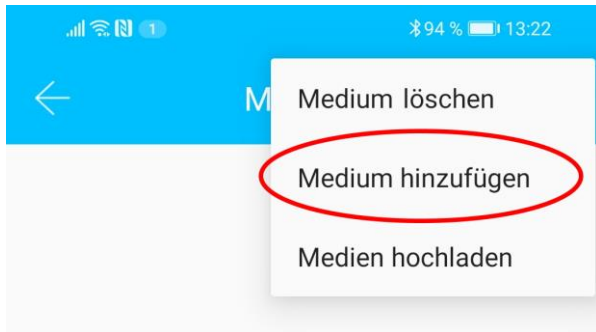


- In the following window, press **"Delete"** to remove the selected user.

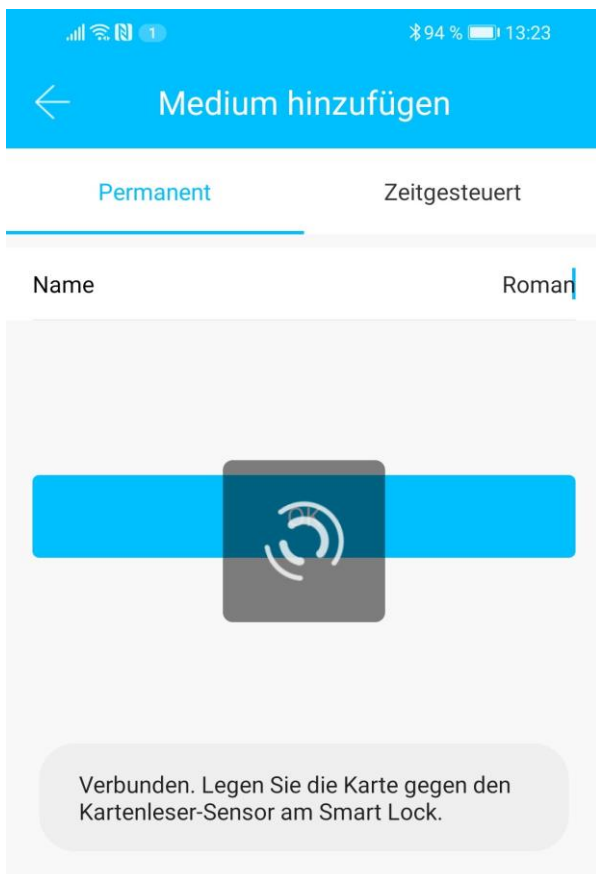
5.4.10. Teach RFID Medium



- First, press **"Media"** on the main page and then press **⋮** and **"Add medium"**.



- Now, enter the name of the medium/user and press "OK". Place the RFID medium on the keypad as soon as the app prompts you to do so. The RFID medium has now been successfully learned.



- If your **smartphone** supports **NFC** and you have **connected** your door lock to a **gateway**, the item "Add card remotely" also appears below "Add medium". This option also allows you to **add RFID media remotely**, if required. The RFID medium is **read** via the **NFC** function of your

smartphone and **transmitted** to the lock via the **gateway**. This means that they do **not** have to be in the vicinity of your **lock**.

5.4.11. Delete RFID Medium



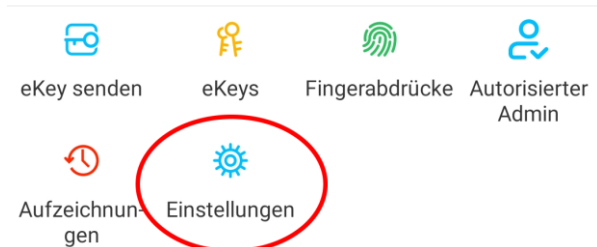
- First, press "**Media**" on the main page. Select the medium you want to delete from the list. In the following window, press "**Delete**" to remove the selected medium.

5.5. Gateway

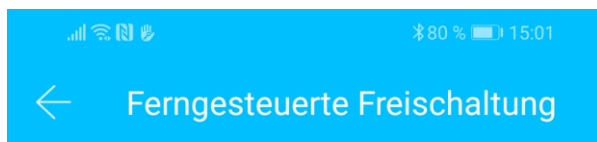
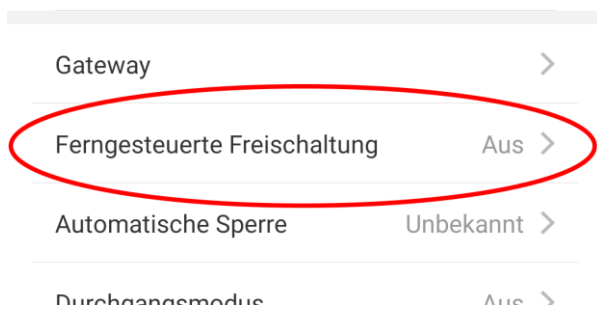
(available separately)

5.5.1. Prepare Lock

- You have to first activate remote opening for your lock. To do so, first press **"Settings"** on the main page.



- Then select **"Remote activation"** and press **"Turn on"**.





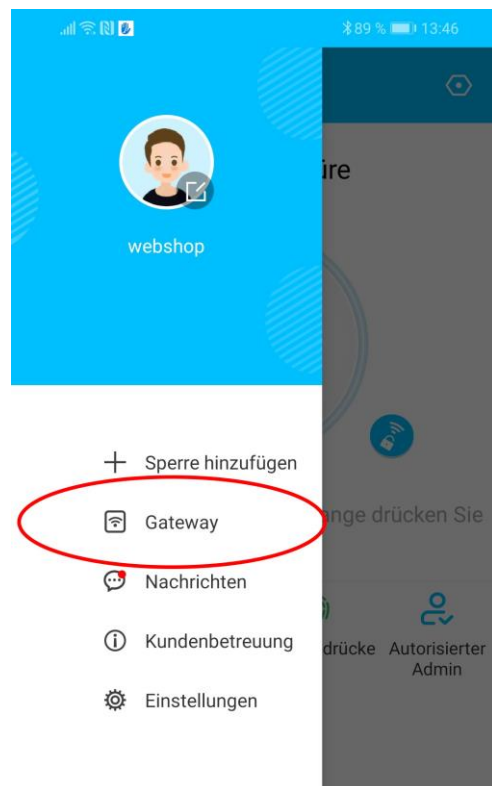
Mit dieser Funktion können Sie das Smart Lock über ein Gateway fernbedient entsperren. Diese Funktion kann NUR über Bluetooth ein- oder ausgeschaltet werden.

Aktueller Modus:Aus

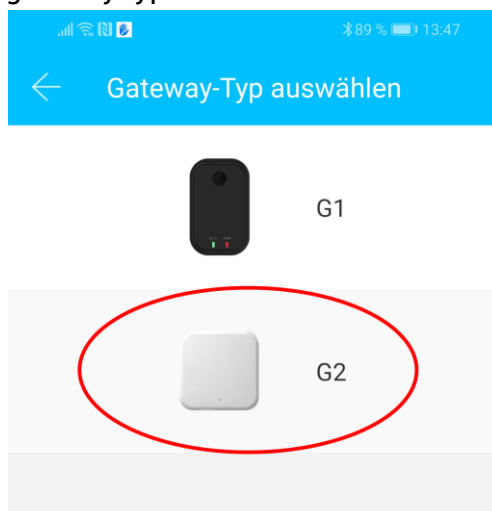
Einschalten

5.5.2. Add Gateway

- On the main page, first press  in the top left corner. In the menu that opens, please press **"Gateway"**. In the subsequent window, press  in the top right corner.

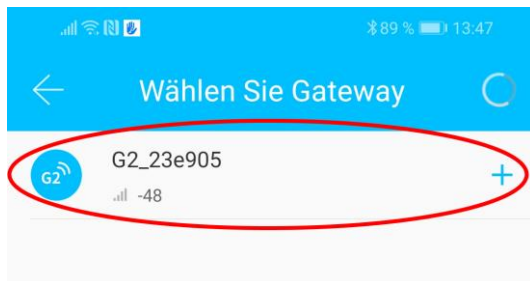


- In the next window, select "G2" as the gateway type.

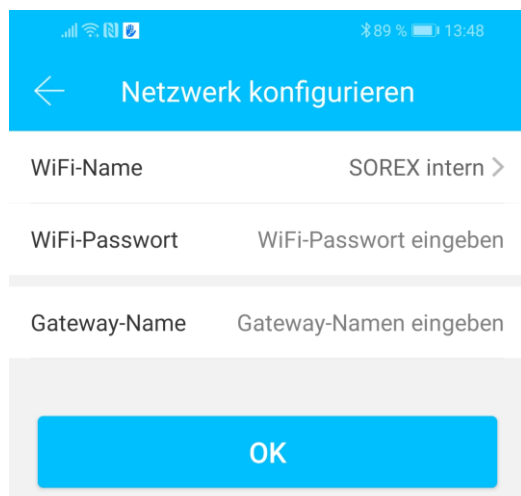


- Make sure that the light on the gateway alternately flashes blue and red. You can

do so by disconnecting the gateway from the power supply and reconnecting it.




- Now configure your gateway by selecting the correct WiFi, entering the corresponding WiFi password and assigning a name to the gateway. Confirm the process with "OK".

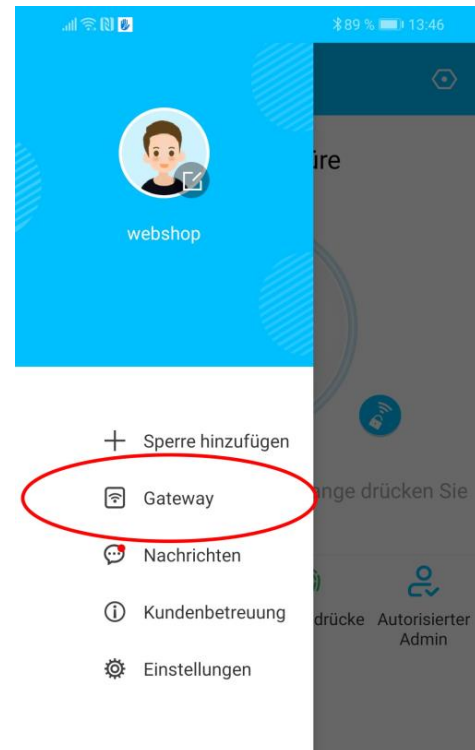


- The gateway then automatically searches for nearby locks and adds them to remote opening. This process may take a few minutes.
- You can now also open and/or manage the lock remotely.
- **Attention:** The gateway always has to be within the Bluetooth range of the locks (up to 10m – depending on local conditions), both during the learning process and during further use. If two locks are further apart and you want to control both of them remotely, additional

gateways have to be purchased.

5.5.3. Delete Gateway

- On the main page, first press  in the top left corner. In the menu that opens, please press "Gateway". In the subsequent window, select the gateway you would like to delete.



- After you have selected the gateway, you can remove it via the "Delete" button.

5.5.4. Opening via Gateway

You can now open your lock from anywhere on the main page. You are no longer limited to the Bluetooth range.



SOREX Bürotüre

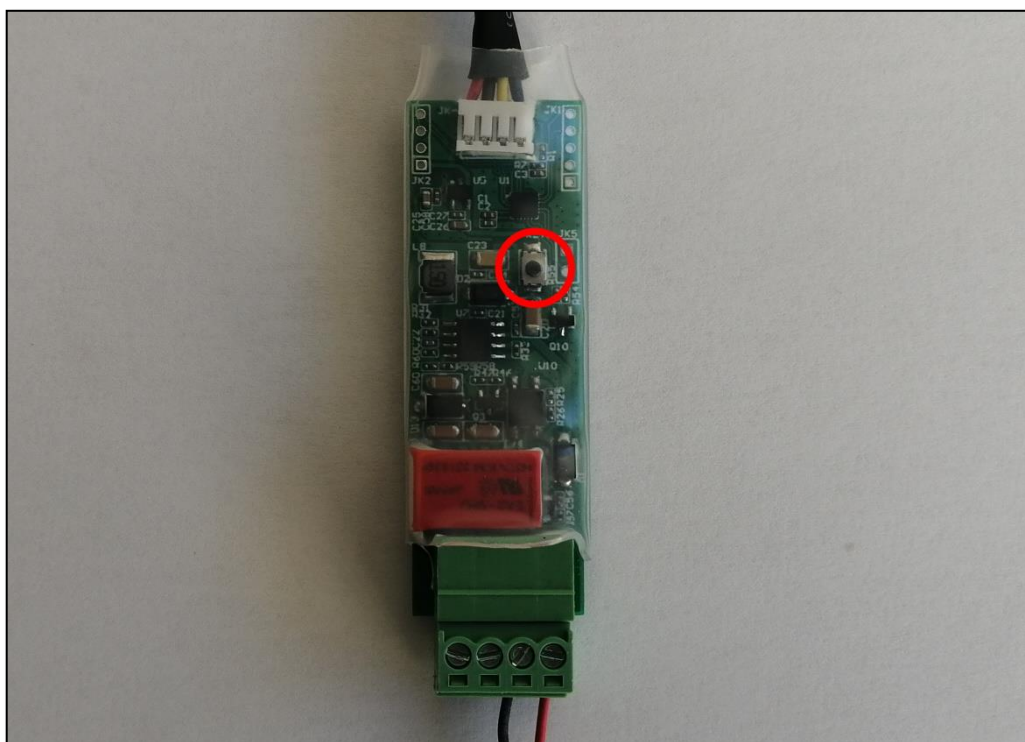


Berühren Sie zum Entsperren, lange drücken Sie zum Sperren.

6. Reset to Factory Settings

You can **reset** the **SOEX Unilock WiFi** in the following two ways:

1. Delete the Unilock from the app (select door handle -> Settings -> "Delete"). You have to be within range of the unit to do so.
or
2. Press the reset button on the indoor unit for approx. 3 seconds or until two signal tones are played in quick succession.



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