

companionSUITE

4service NFC

Manual



TRIDONIC

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4service NFC App Quick start guide

What is the 4service NFC App?

The 4service NFC app enables quick and easy configuration and analysis of Tridonic LED Drivers. This makes the work of installation engineers, maintenance officers and employees in similar fields significantly easier.

What can the 4service NFC App be used for?

The following functions can be configured via the app, provided they are supported by the respective LED Driver.

Set the driver parameters

- LED output current:
Set the LED output current (in mA) to adjust the brightness
- Device operating mode:
Selection of the device operating mode (DALI, corridorFUNCTION, chronoSTEP, etc.)
- DALI addressing:
Set the DALI short address
- corridorFUNCTION:
Configuration of the corridorFUNCTION (light level, fade times, etc.)
- chronoSTEP:
Configuration of the chronoSTEP profiles

Easily transfer driver parameter settings

With the copy function, you can quickly and easily copy a device's settings to identical devices. This saves time when replacing faulty devices and when commissioning several identical luminaires.

Transfer configurations from deviceGENERATOR

With the app, configuration files that were created with the deviceGENERATOR (ending: *.trgf) can also be transferred to LED Drivers.

Driver analysis

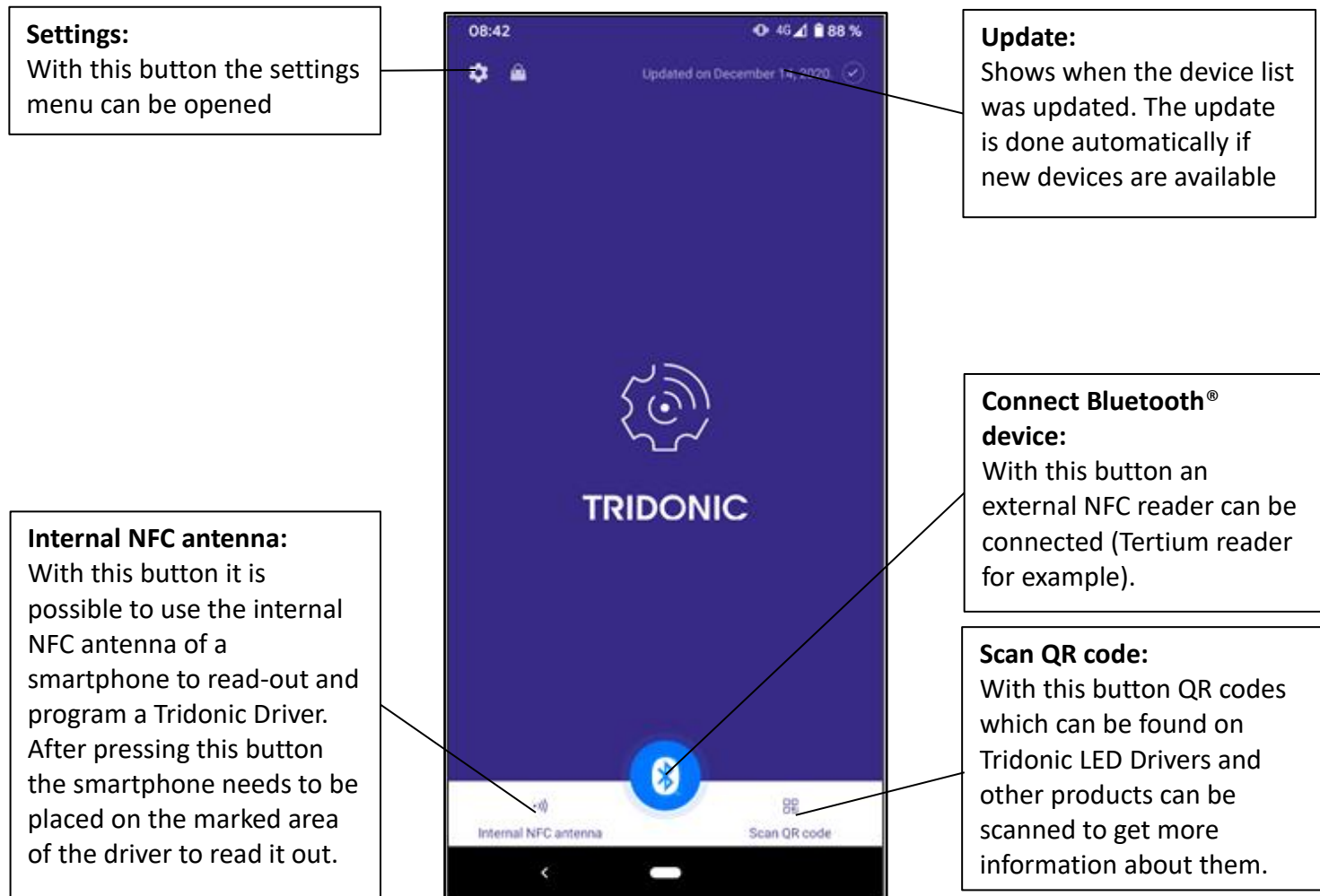
If an LED Driver is faulty, the data memory can be read out. This means an initial analysis of the causes is already possible on site.

What is needed to use the 4service NFC App?

The following prerequisites must be met before you can use the app:

- Use of an LED driver with NFC interface from Tridonic
- NFC scanner with Zhaga Book 25 (NFC readers with Bluetooth® interface for in-field programming) support. Alternatively, the internal NFC reader can also be used on different Android smartphones.
- Active Internet connection for first-time use and for updates. An Internet connection is not absolutely necessary for ongoing operation. To ensure that the app works properly, however, the device-specific data must always be current, i.e. regularly updated.
- If any of the driver's functions are protected by the luminaire manufacturer (e.g. by a password), these cannot be changed even with the app

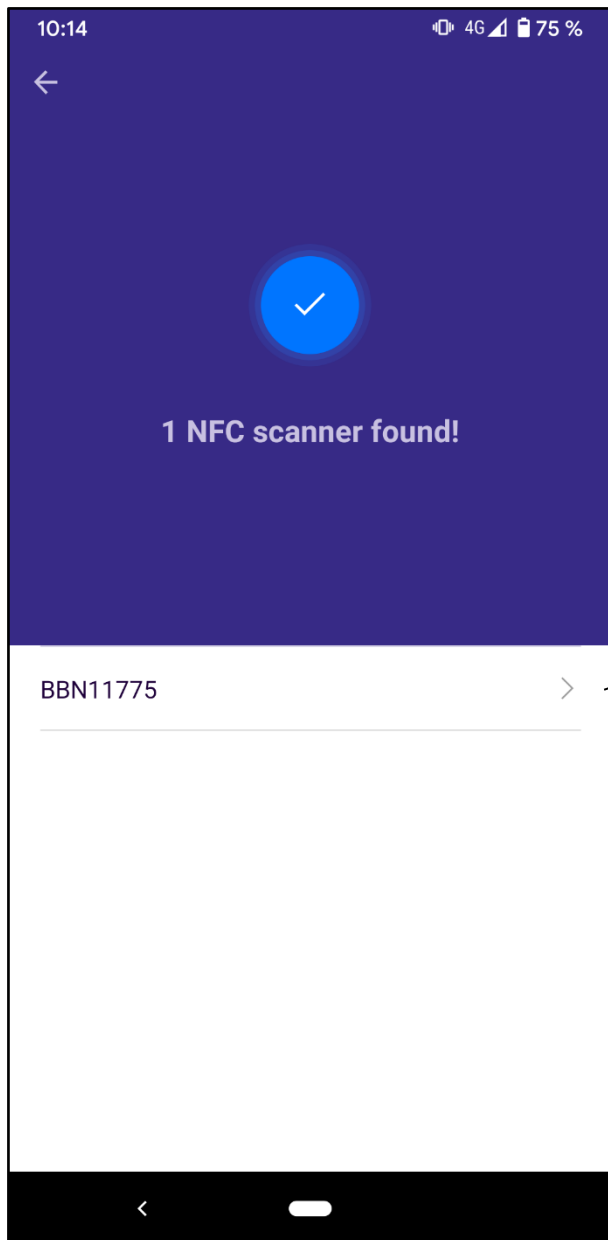
Starting screen



If you want to program a driver you either have the possibility to use the internal NFC antenna of your phone if available or connect an external NFC reader via Bluetooth®.

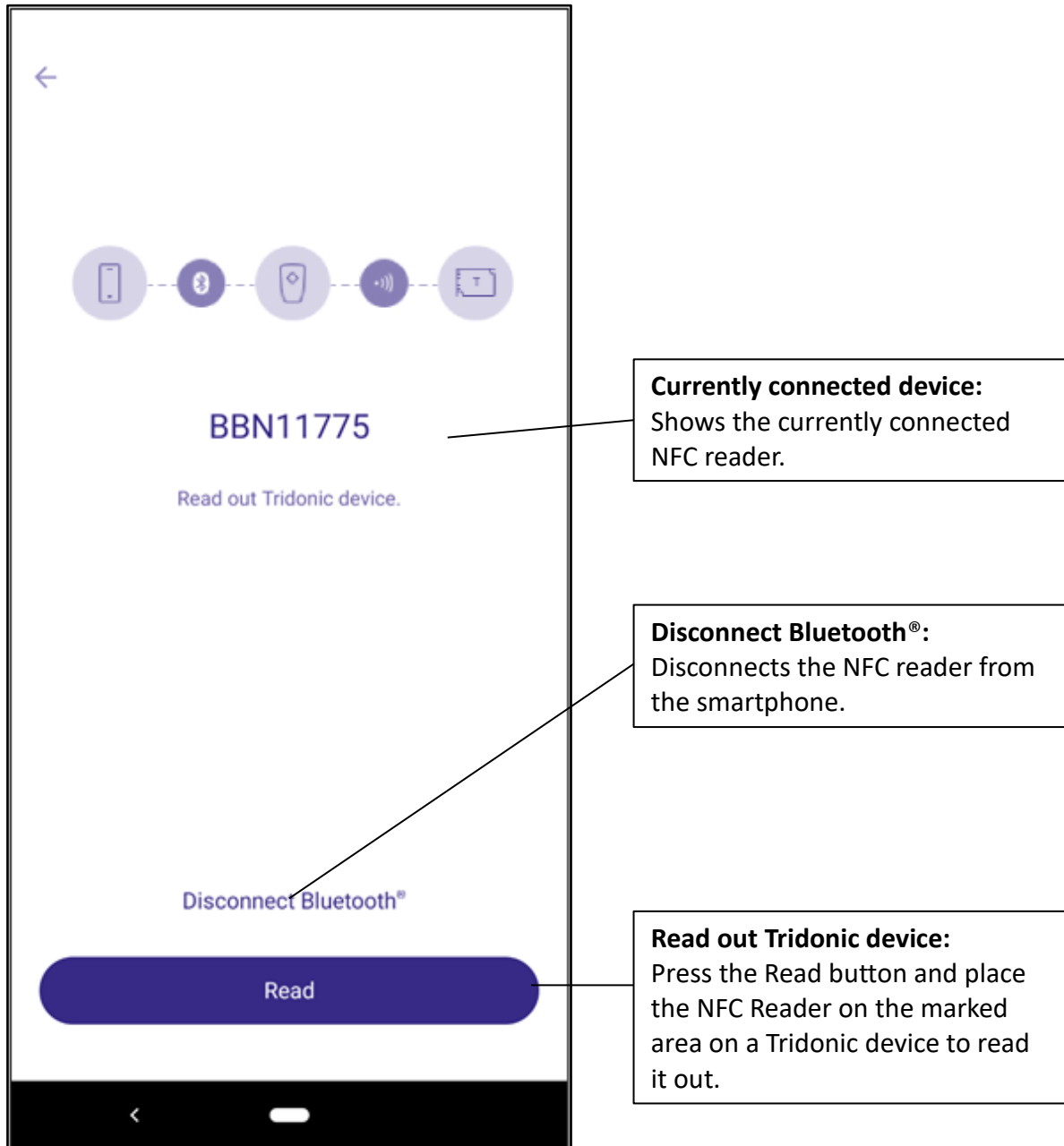
How to connect a Bluetooth® NFC reader

1. Press on the Bluetooth® button on the starting screen
2. Connect to the Bluetooth® reader by pressing on it



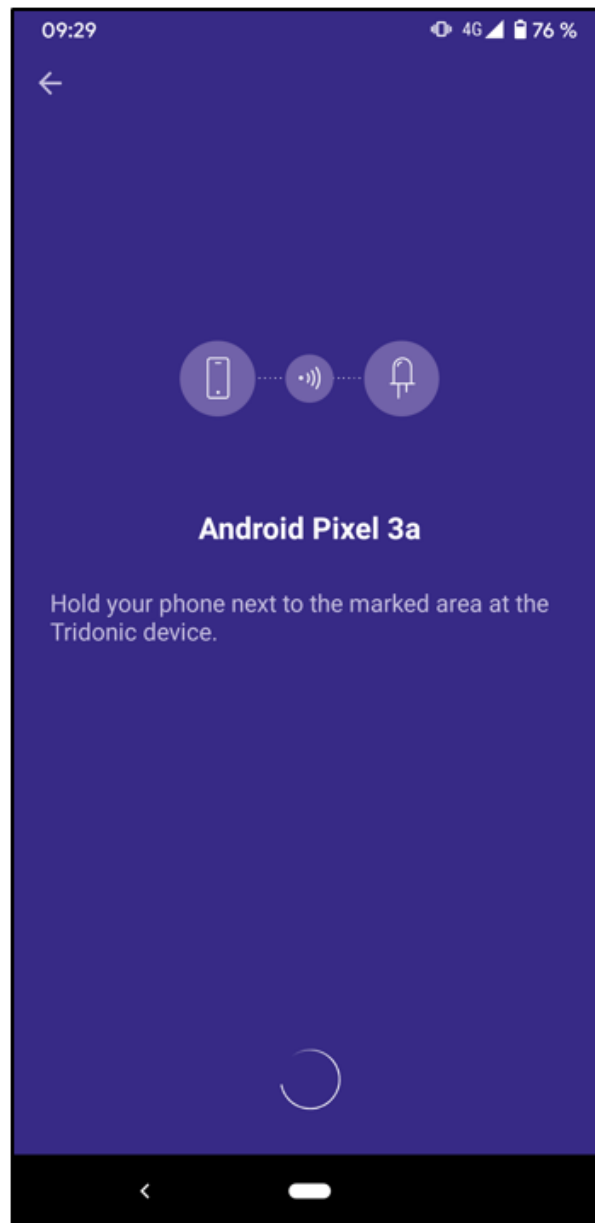
Connect Bluetooth® device:
The app shows all available Bluetooth® NFC readers. The reader can be connected by pressing on it.

3. Now the device is ready and can be used in the app (below)



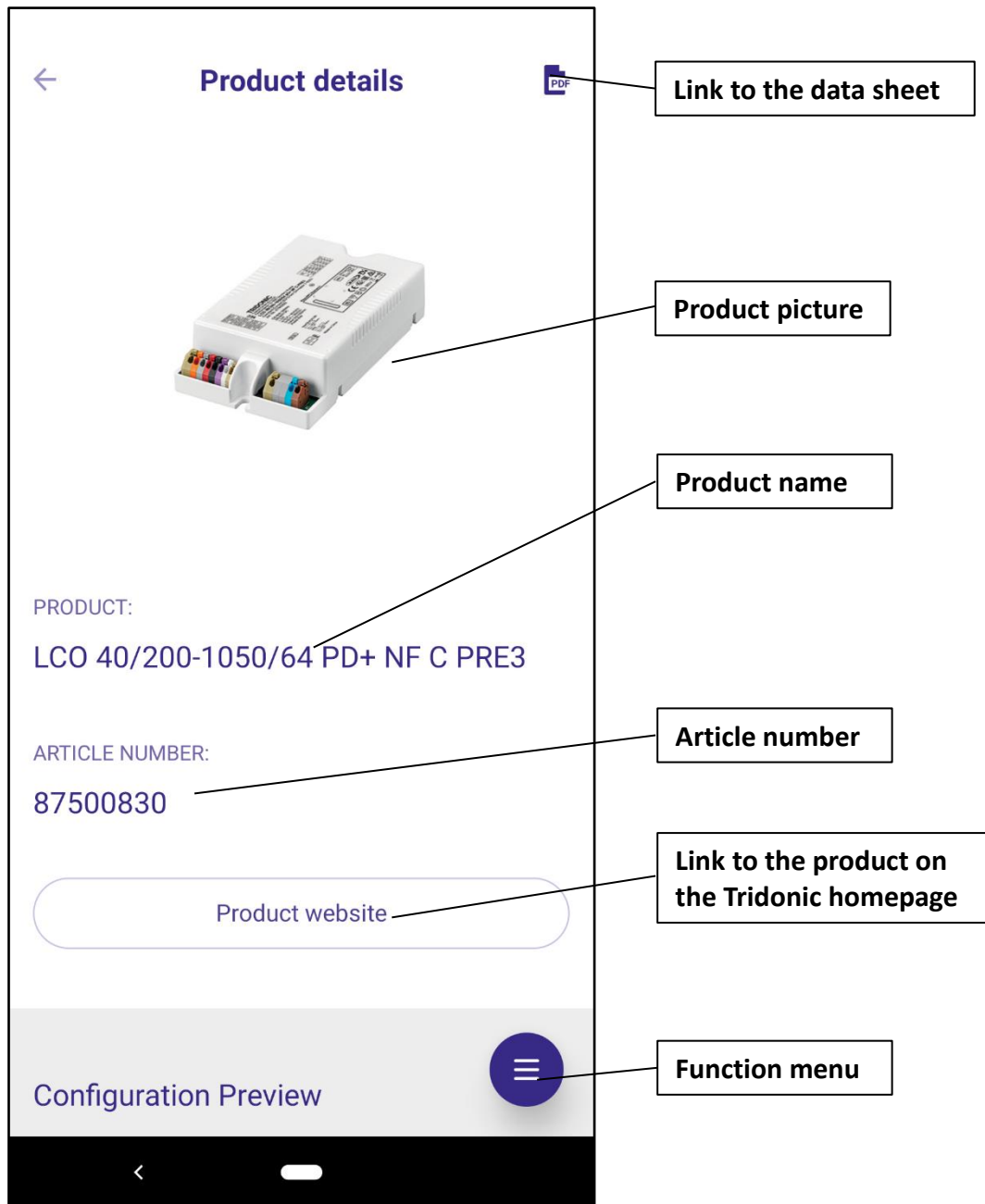
How to read-out and program a driver

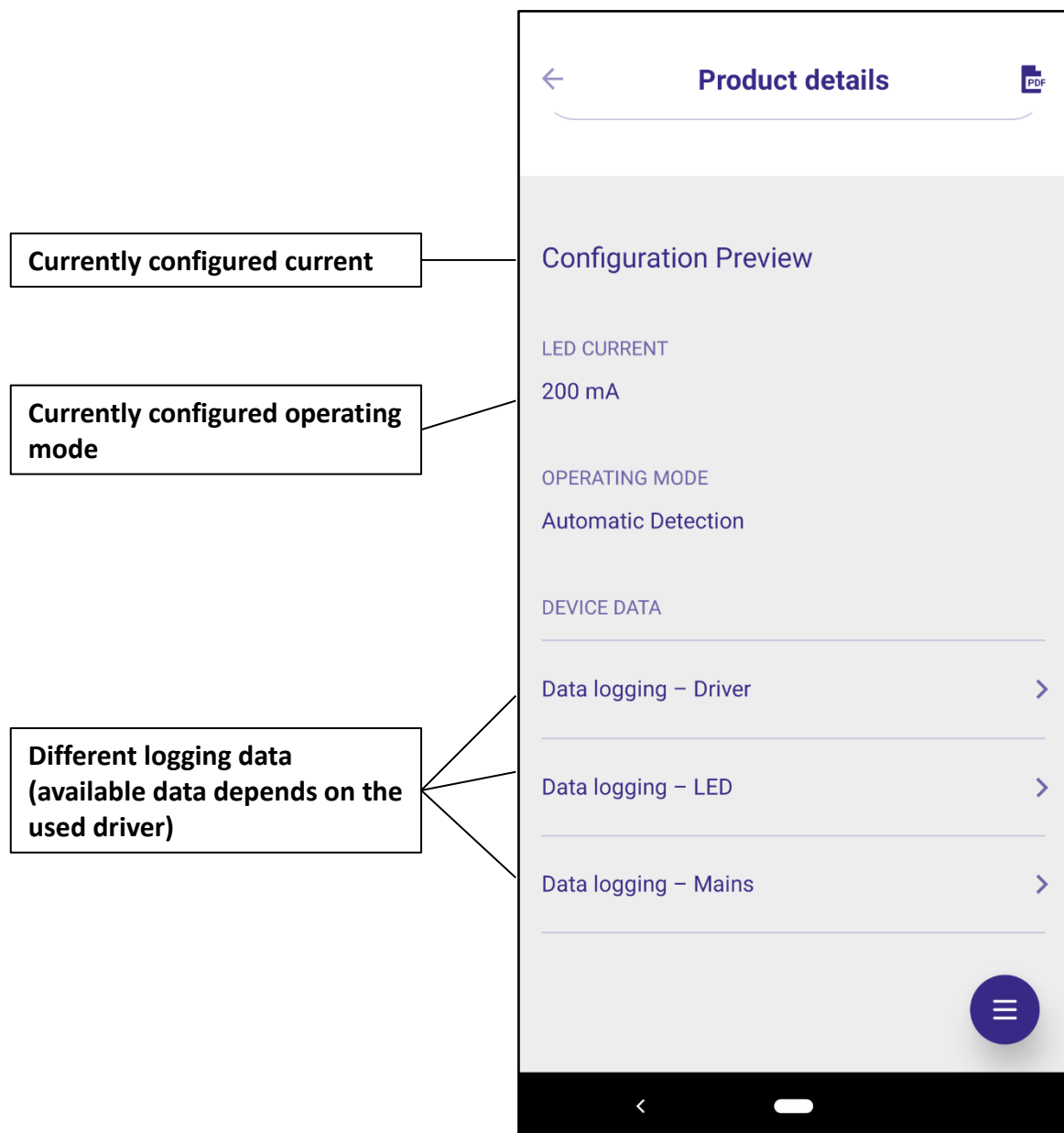
Either press on the internal NFC antenna button on the starting screen or connect an external NFC reader and press on the read button. The screen below will show up.



Now hold your phone or the NFC reader next to the marked area on the driver. The phone will vibrate when a connection is established. Wait for a few seconds until the driver has been read-out successfully.

After a successful read-out of the driver, a screen with some product details will appear.





Function menu

To change the settings of the driver, the function menu needs to be opened. There you have the option to create a .traf file, copy the device, edit the configuration or write a previously created .trgf to the driver.

Product details

PRODUCT:
LCO 40/200-1050/64 PD+ NF C PRE3

ARTICLE NUMBER:
87500830

Product website

Configuration Preview

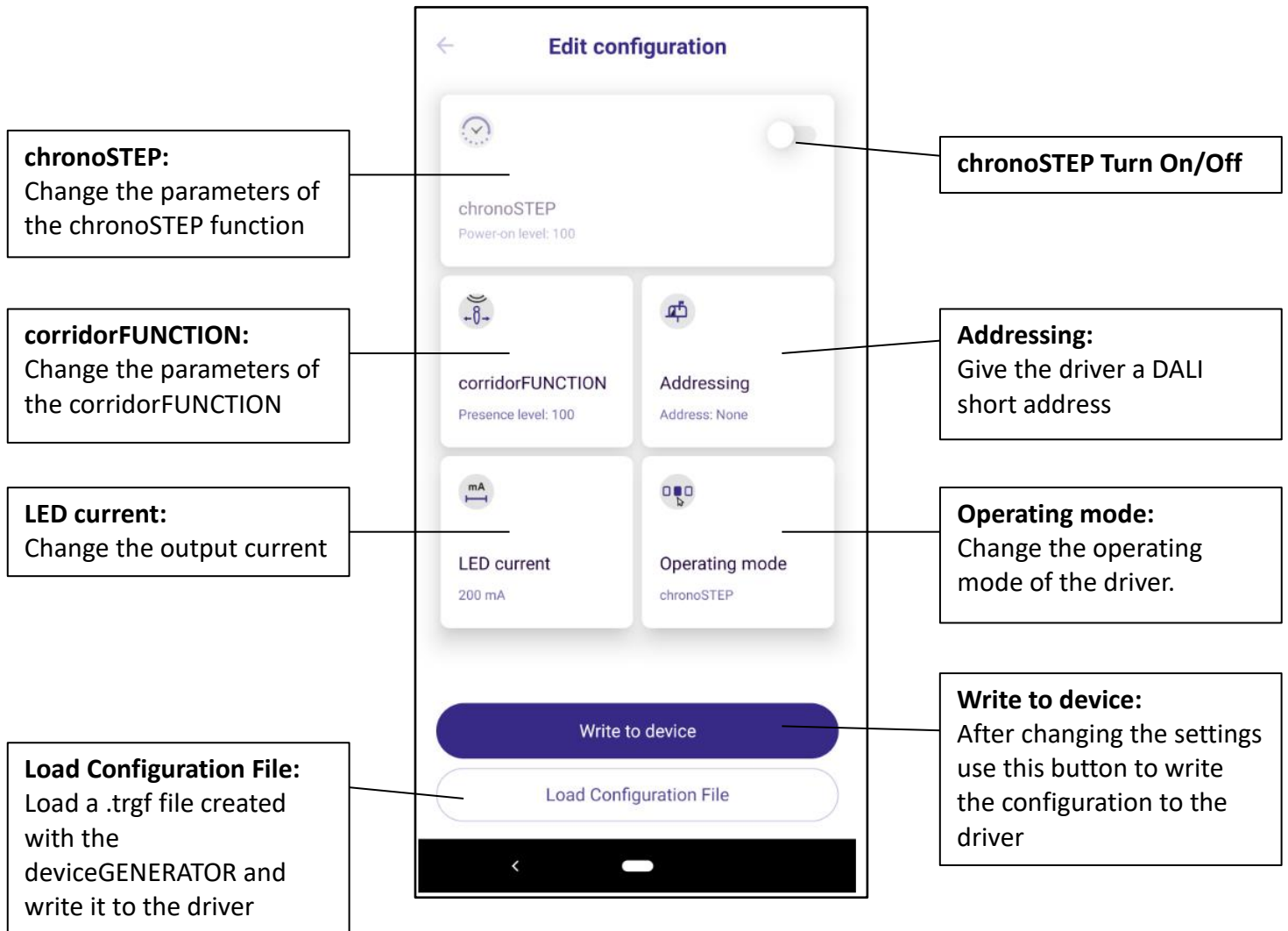
Share .traf file:
Creates a .traf file which can be used in the deviceANALYZER

Copy device:
Allows to copy the settings of a device to another device with the same article code

Edit configuration:
Opens the configuration menu

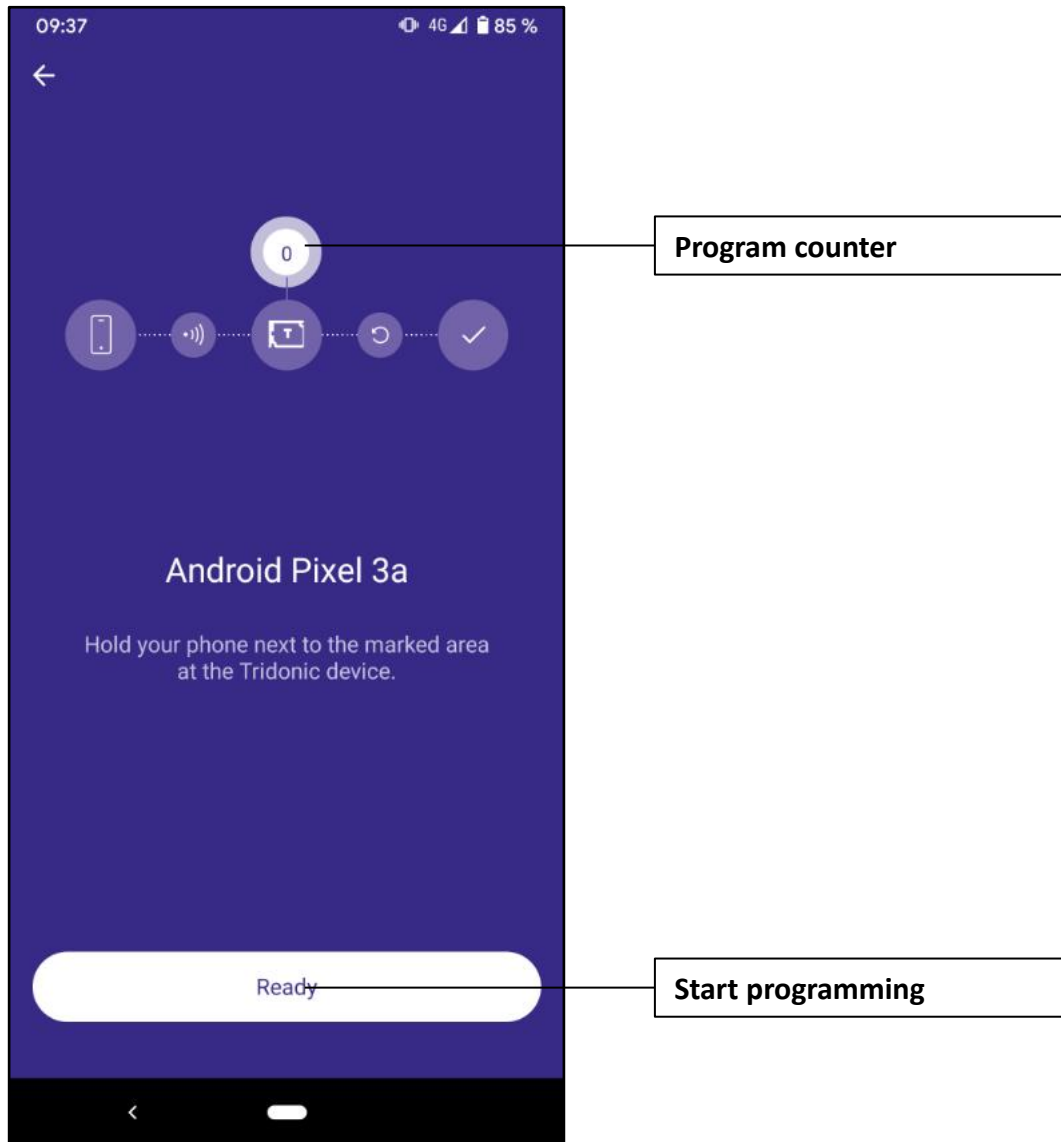
Write configuration file:
Allows to write configuration files created with the deviceGENERATOR to a device.

Edit Configuration (available functions may depend on the driver)



Writing on a driver

Hold your phone next to the marked NFC area of the driver and press the ready button



After the writing is finished, the counter on the screen will increase and you get the option to either verify the programming on the driver or to program another driver.

