



# QUICKGUIDE

## STEP BLE CONTROLLER ST2046-NANO

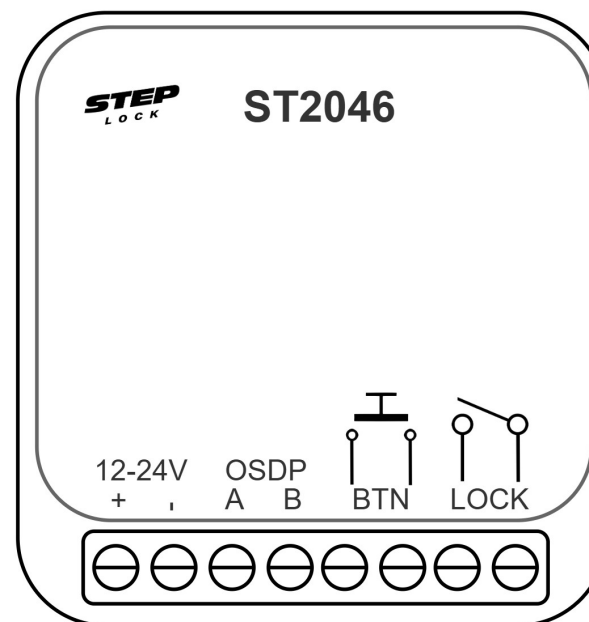
Edition 1



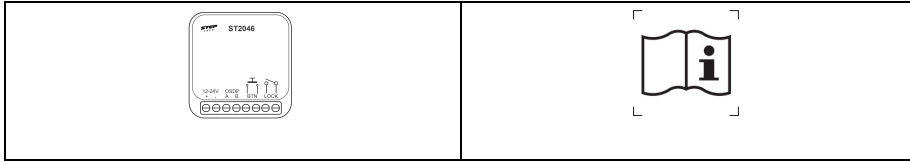
MANUAL



*When it has to work.*



## In the package



## Introduction

ST2046-Nano Door controller can be powered by AC/DC 12-24v, This device is a BLE (Bluetooth controlled) device. To control the device you need to download Steplock Lite app from Appstore or Play store.

## Installation

The formfactor of ST2046-Nano is set so it can fit behind a normal recessed open button or a standard connection box. You simply connect the device according to the connection section of the manual.

## App

1. Start to download the Steplock lite app from Play store (Android) or Appstore (IOS),
2. Create an account if you not have one already.
3. Login

**(NEW SYSTEM)** to add a second device see point 8-10

4. Press the gear and select "Create system"
5. Press Scan QR, and scan the QR on the back of the device you install.
6. Give the system a name and press create.
7. Now you have your new system up and running, go to administration and make settings for the device.

### (EXTRA DEVICES)

8. If you want to add more devices you navigate to "Administration" -> "Handle Devices"
9. Press "Add device" up in left top of the app.
10. Select scan QR and scan your device.

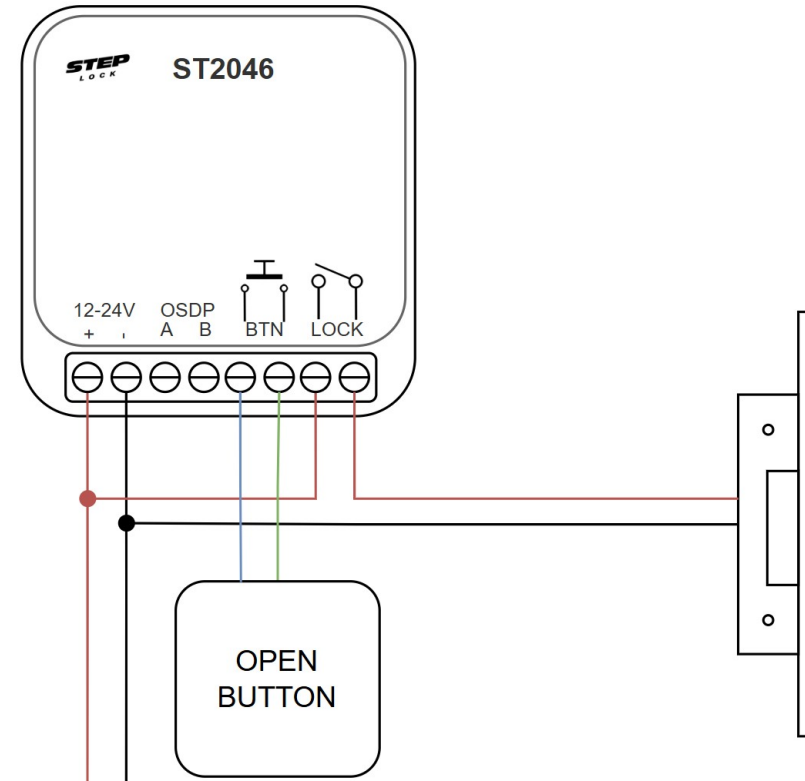
### (DEVICE SETTINGS)

11. You can change device settings by open the device in "Administration -> "Handle Devices" -> "Click on your device"
12. For ST2046 you can edit open time, schedule and name.

### (INVITE USERS)

13. You invite new users to use the system by open "Administration" -> "Handle Ekeys" -> "Add Ekey"
14. Add users Name in the username field.
15. Add users email in the email field
16. Select role (Administrator or User) a Administrator can help administrate the system and a user can only open the doors you have selected for the specified user.
17. Press Add.
18. Congrats your system is ready for use !!!

## Connections



## Connector

PIN	Description
12-24V +	Power INPUT 12-24V AC/DC
(2) GND	Power ground
(3) A	OSDP A
(4) B	OSDP B
(5) BTN OUT	Openbutton out
(6) BTN IN	Openbutton return
(7) OUT C	Output ( Common )
(8) OUT NO	Output (Normally Open)

## OSDP support

The ST2046-Nano door controller is equipped with OSDP CP (Control Panel). This means the unit can communicate with OSDP-compatible peripherals, for example card and tag readers.

## Compatible devices

The following Steplock readers are supported:

### Tag reader (RFID)

- ST2001
- ST2010
- ST2101
- ST2110

### Keypad readers

- ST2002
- ST2011
- ST2102
- ST2111

**Notering: For keypad readers, only the RFID function is supported. The PIN-/keypad function is not supported in the current firmware.**

## Wiring a card reader (OSDP)

1. Verify that the address dial on the card reader is set to position 0 (auto-adressing) before connection

2. Connect the card reader according to the wiring diagram:

ST2046 A → Reader A

ST2046 B → Reader B

ST2046 + → Reader +

ST2046 - → Reader -

3. Power up the card reader.

When the card reader is powered, it should start flashing green within a few seconds. This indicates that the ST2046 has identified the reader and initiated communication.

## Installation in Steplock Lite

1. Starta the Steplock Lite app.
2. Open the relevent device.
3. Tap "Search for new OSDP devices".
4. When the search is complete, the card reader will appear in the device list.
5. Tap Save.
6. The card reader is now installed.
7. Then go to the Cards menu to associate new cards with the device.

## Card reader wiring

