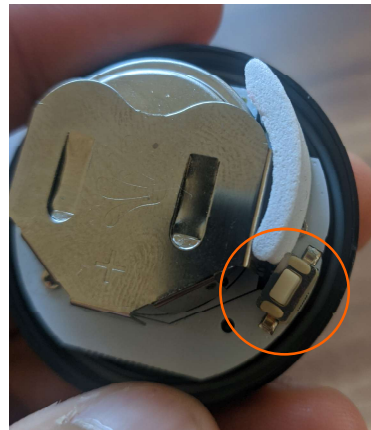


Tx power (=calibration factor) of a beacon

Version 2.1.0:

By default (on insertion of the battery) it will be at 0dB



- TX Power (= Calibration factor) can be adjusted to change the strength of the BLE casting of a beacon. To optimize battery drainage levels and indoor location tracking accuracy, follow the instructions underneath.
- When you press the button once, it will go to -4 dB. (you will see a RED LED while it processes)
- You can repeat this, to cycle the Tx power between these values: 4, 0, -4, -8, -12, -16, -20, -40.
- A TX Power of 4 will have the largest coverage area but will drain the beacon's battery faster. We advise to place all beacons on -20.
- If the current TX Power is at -40 dB, the next value after a press on the button will be 4 dB again.



Sites

Device overview

Device Health

Installer ▾

Select site

Nikolai ▾

Wearables

Buttons

Beacons

Gateways

Device Finder

MAC ADDRESS	DESCRIPTION	CREATED AT	BATTERY LEVEL	INSTALLATION ZONE	CALIBRATION FACTOR	LAST SEEN	MAP
ED:74:DE:25:A0:38	Living room House Nikolai beacon	17/05/2025	HIGH	Living room 1 House Nikolai	-20	19/09/2025	
ED:2E:93:E3:2B:64	Bedroom 1 House Nikolai beacon	17/05/2025	HIGH	Bedroom 1 House Nikolai	-20	19/09/2025	
EC:3D:C8:85:68:CE	Kitchen House Nikolai beacon	17/05/2025	HIGH	Kitchen House Nikolai	-20	19/09/2025	
EB:01:4A:C4:8C:92	Garage House Nikolai beacon	17/05/2025	HIGH	-	-20	19/09/2025	
E6:5D:22:73:33:BF	Bedroom 3 House Nikolai beacon	17/05/2025	HIGH	Bedroom 3 House Nikolai	-20	19/09/2025	
E0:42:EG:9D:9A:E2	Study House Nikolai beacon	17/05/2025	HIGH	Study House Nikolai	-20	19/09/2025	