# **BUMBLEBEE-VOI E-SCOOTER WIRELESS CHARGER TRIAL**

#### **QUICKSTART GUIDE**



Bumblebee Power and Voi have teamed up to deliver an E-Scooter wireless charging system. As a closed-trial user, you have a unique first experience of this technology that will transform inner-city mobility. This Guide gives you basic information about using the system and contact details in case you need them.



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#### **GETTING STARTED**



#### Voi Scooters and the Voi App

Before starting, remember to get the Voi App and read all the safety tips - follow the links below to get to the Voi website or scan the QR code with your phone.

https://ltr.voi.com/pages/instructions-for-long-term-rentals https://www.voiscooters.com/how-to-voi/



Remember that because this is a closed trial, how you use the scooter is different than normal. On the Voi app, instead of scanning the QR code on the scooter, you need to unlock the scooter by entering the scooter registration number. When you need to park it, remember to use the D-locks to fix it to a bike stand or railing.

## **The Charging System**

The charging system includes modifications to the scooter, as well as a custom made platform for this trial. On the scooter you should see both a Scooter Power Converter - a black box tied to the front - and a Wireless Receiver - another flat black box on the base of the scooter. On the platform, there should be 4 white Wireless Transmitter pads which should have indicator LEDs next to them.

If anything on any of these units looks damaged, like a crack in the boxes or an exposed conductor, DO NOT use the system and please call or email Bumblebee Power using the contact info on Page 1. Make sure to read our Safety Dos and Don'ts on Page 5.





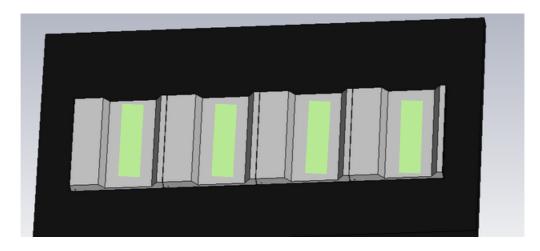




#### **PARKING GUIDE**

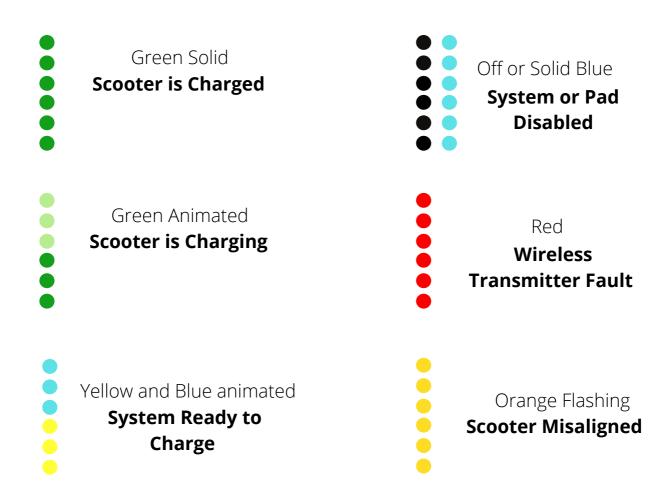


To wirelessly charge your scooter, simply park it above one of the four Wireless Transmitter pads highlighted in the diagram below. Scooters placed between pads, above the raised section, will not charge. Full parking guide and a video are on the next page.



## **Indicator Light Guide:**

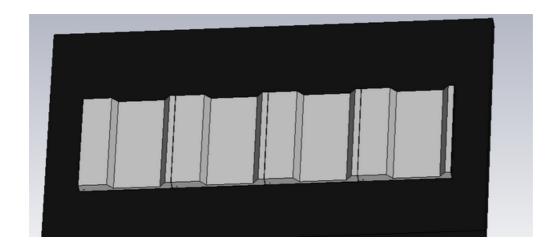
To the left of each Wireless Transmitter pad, there is a strip of LED indicator lights showing that status of the pad. The guide below shows what each colour indicates.





# PARKING GUIDE





#### SAFETY TIPS





#### **Safety Dos and Don'ts**



- DO call the help number if you are unsure of anything
- DO read the parking guide for correct scooter placement
- DO adhere to all safety guidance for riding Voi Scooters
- DO give feedback on your experience
- DO enjoy your wireless charging experience!



- DO NOT tamper with the Wireless Charging Receiver or Wireless Charging Transmitter units in any way
- DO NOT use the Transmitter units if you can see anything is visibly damaged
- DO NOT use your scooter if there is visible damage to the Wireless Receiver, the Scooter Power Converter or the scooter itself.
- DO NOT place any objects between the charging system and the scooter when it is in use

## **System Safety Features**

The wireless charging system has several safety features and measures to reduce risk, including:

- Monitoring of system temperatures, voltages, currents and power and with automatic system turnoff if a problem is detected.
- A feature that detects if something blocks or changes the wireless power link - for example a scooter lying on its since or a piece of metal between Transmitter and Receiver.
- Each Wireless Transmitter pad is individually fused.
- The system status is monitored remotely and CCTV is streamed to alert the system operator in the event of an issue.
- Magnetic field exposure limits have been measured and simulated to be below safe levels.

However, keep in mind that this is a technology trial, not a certified product, so extra care should be taken with the system. Before each use, visibly inspect the Scooter, the Power Converter, Wireless Charging Receiver and Wireless Charging Transmitter. If anything looks damaged or unusual, please do not use the system and contact the operator.