RideControl ONE 19 Introduction

Functional description

Symbol	Descriptions	Symbol	Descriptions
W	Walking push button	L1-L5	Booster mode indication
U	Booster mode add keys	B1-B5	Battery capacity light indicator
D	Booster mode reduces keystrokes	LT	Near light indication
B	Lamp switch key Mode switch key	P	System switch key

Hardware:

- Integrated with Nordic Bluetooth and ANT+ chip (Ceramic Antenna)
- Standard CAN BUS protocol
- Led display

The RideControl ONE 19 will collect all the necessary info from e-bike system by CAN BUS and it can show the different assist mode, system error code and battery capacity by the different combination of led, After that, the ONE, as a master controller of the e-bike system, it can send the command to e-bike system to change different assist mode and turn on/off light

External introduction:

RideControl ONE 19 takes your E-bike riding experience to new levels with integrated button controls and a clean handlebar free of any display. RideControl ONE 19 integrated with Nordic Bluetooth and ANT+ chip, The E-bikes equipped with RideControl ONE 19 can connect with the Giant E-bike App and bike computers with ANT+ profiles (Light Electric Vehicle, Bicycle Power, Bicycle Speed and Cadence) to function as your E-bike display.

Small, integrated button controls let you shift through support modes with great ease. The buttons are designed to use in all conditions. They are more robust and designed with a pattern for added

finger grip. The communication protocol for RideControl ONE 19 is based on the standard CAN BUS and it will collect all the necessary info from e-Bike System for show, The controls are thoughtfully designed with LED lighting that shows your battery level and support mode while you are riding. The RideControl ONE 19 has a minimalist design, displaying the essential information needed to help riders perform their best.

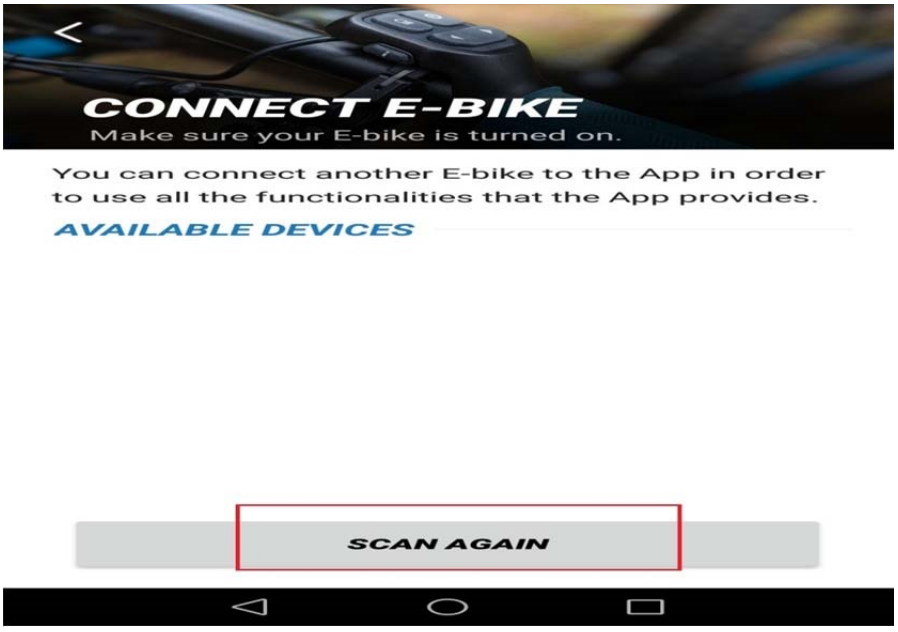
ONE Hardware version number	20190110	ONE software version number	20190417

User Manual

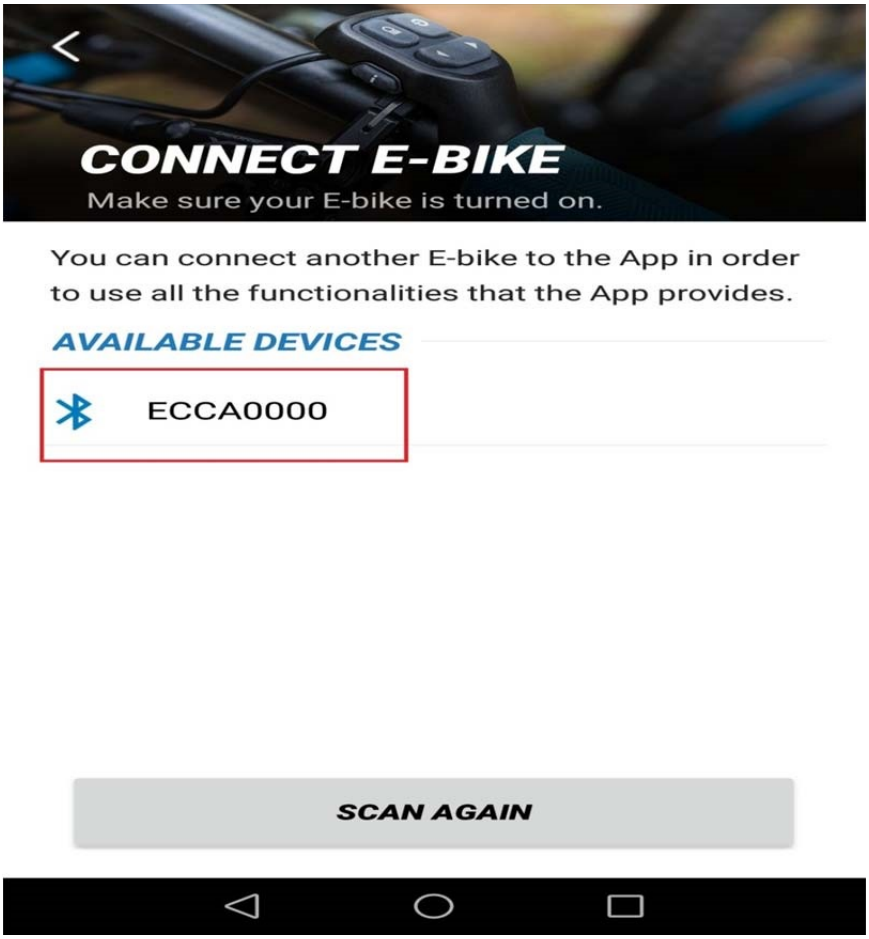
BLE

1. First connect the power supply, press the key to start the display
2. Bluetooth module features, you need to first download an app, as shown in the following figure

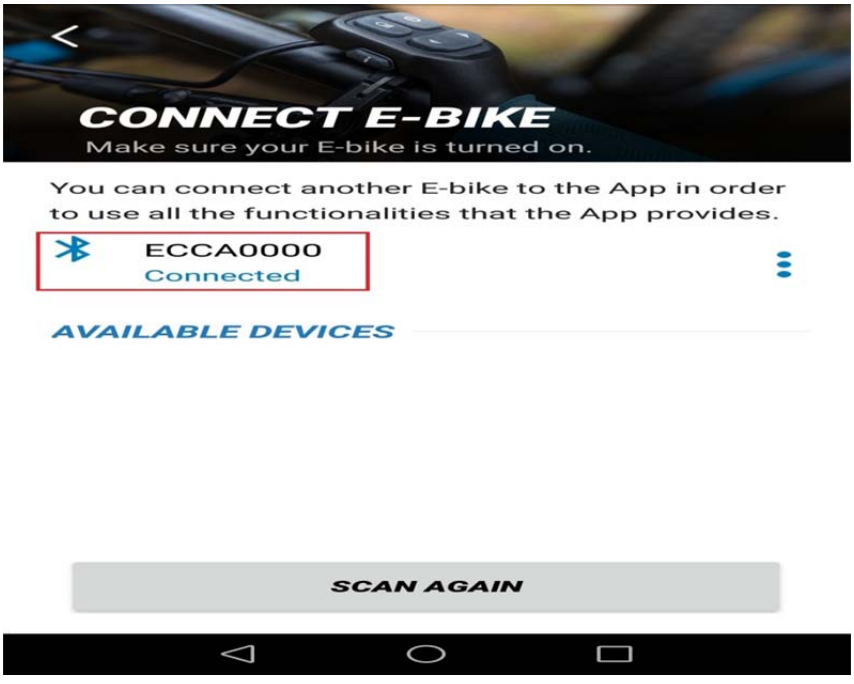
3. When you click in, you go out the following interface, click on the scan in the diagram, and search the display device



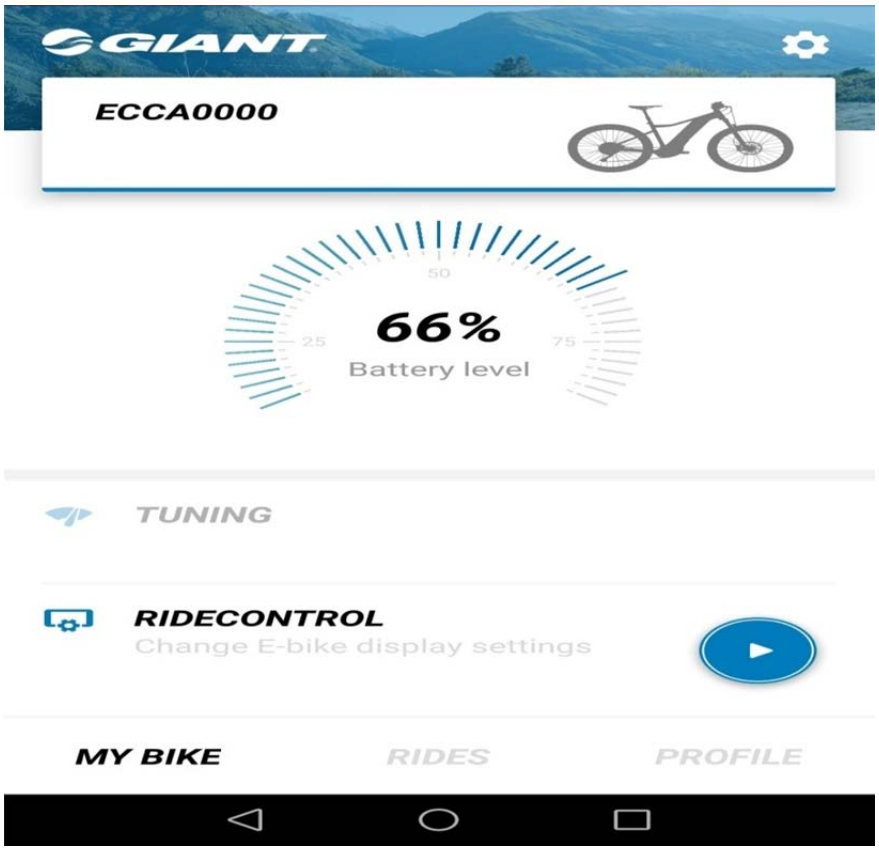
4. The display device in the figure is searched for



5. Click on the device, you can automatically connect, after the connection will be the following connect words



6. Then return to the main interface, so that the phone can connect to themonitorand share data.

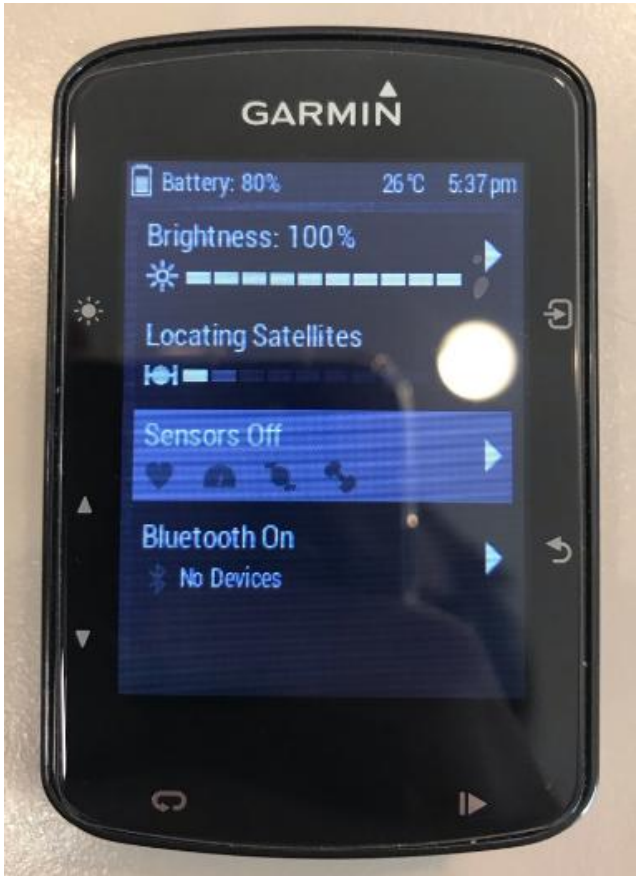


ANT+

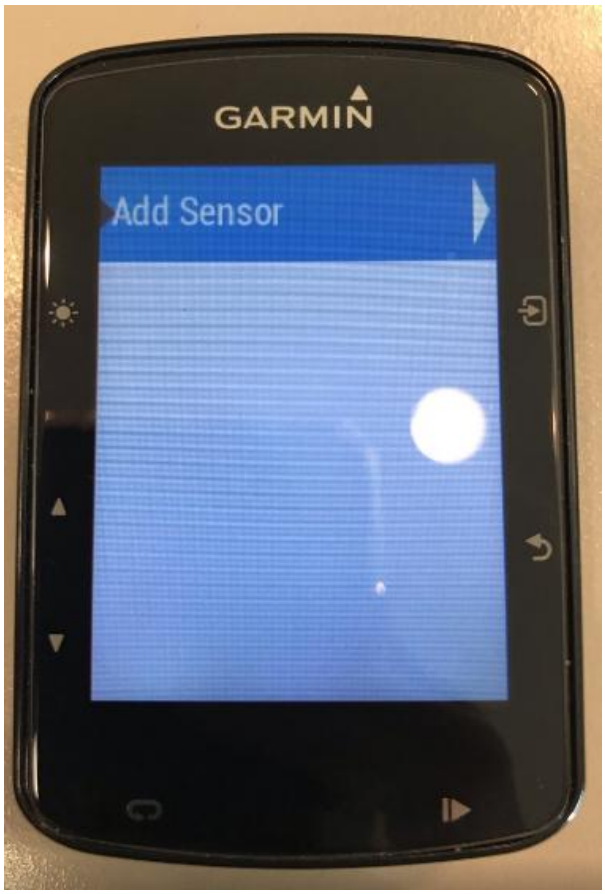
Bike computer GARMIN 520 Plus (520)

1. 520 Initial status

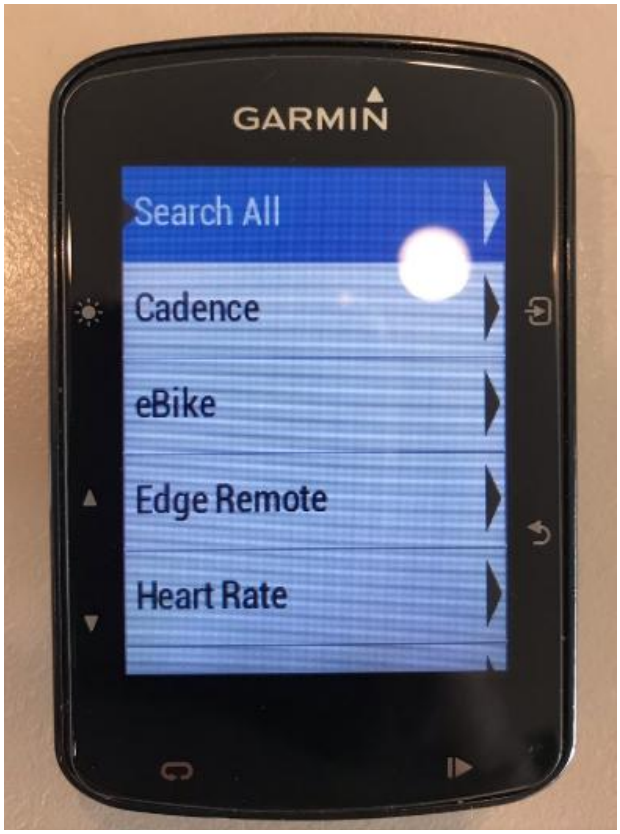
2. Sensor status



3. Add ANT+ sensor



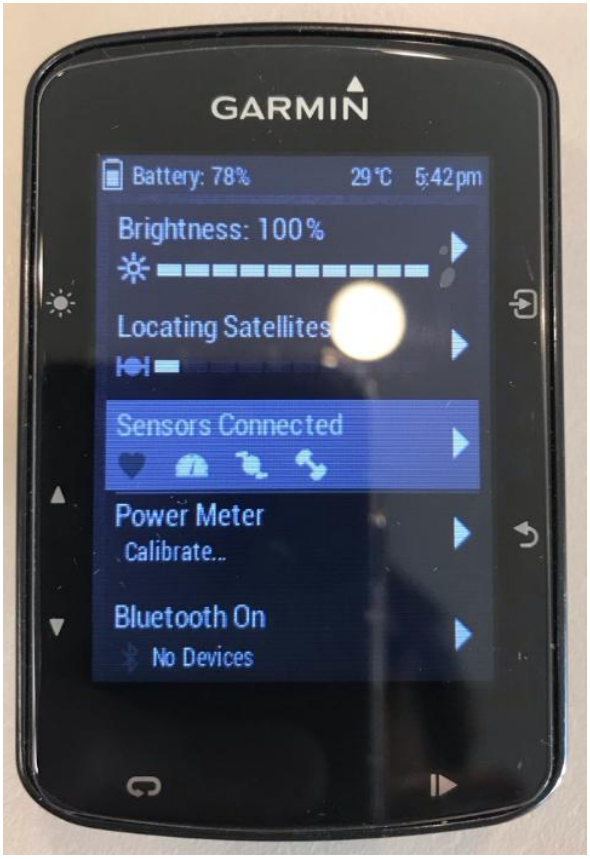
4. Add all sensor



5. Detect all and select all

6. Connected sensor

7. Connect success



8. Function speed/cadence/power

9. LEV test

FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

ISED RSS Warning

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED RF exposure statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Le rayonnement de la classe b repecte ISED fixaient un environnement non contrôlés.Installation et mise en œuvre de ce matériel devrait avec échangeur distance minimale entre 20 cm ton corps.Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.