

## RideControl EVO Introduction



Symbol	Description	Symbol	Description
W	Walking push button	G	Velocity unit
U	Booster mode add keys	E	Booster mode indication
D	Booster mode reduces keystrokes	L	Battery capacity indication
B	Lamp switch keystroke / indication	M	Battery capacity digital indicator
P	System switch key	F	Real time speed
A	Message mode switch key	H	ride data indication
C	Blue bud line indication	S	Service demand indication

### Hardware:

- ♦ Integrated with Bluetooth module(Chip is from Nordic) (PCBA antenna)
- ♦ Standard CAN BUS protocol

- ◆ Dot matrix screen

The RideControl EVO will collect all the necessary info from e-bike system by CAN BUS ,  
And it will show the riding info (e.g trip time, trip distance, battery capacity..)on the panel, Compare with the charge screen, the dot-matrix screen is flexible, we can show the picture whatever you want, After that, the EVO, 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:**

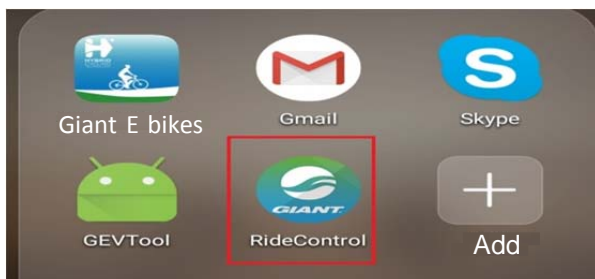
The RideControl EVO is updated with new and exciting functionalities to enhance the E-bike riding experience. cause RideControl EVO integrated with Nordic Bluetooth chip, It now has navigation features, so you can ride wherever you want, including new routes, without getting lost. It also offers new heart rate functionality, so you can get immediate feedback while working out. This allows you to make adjustments and gain the greatest benefit from your exercise regime when connected to the Giant E-bike App.

All Giant E-bikes in MY19 can be set to automatically adjust the pedal support to reach/keep your desired heart rate. The RideControl EVO allows you to monitor this precisely. The RideControl EVO is connected and lets you upgrade through a wireless connection. Also, incoming messages, phone calls and emails can be seen through a notification on the RideControl EVO while riding.

EVO Hardware version number	20160331	EVO software version number	20161020
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How to use it

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



You can connect another E-bike to the App in order to use all the functionalities that the App provides.

**AVAILABLE DEVICES**



4. The display device in the figure is searched for

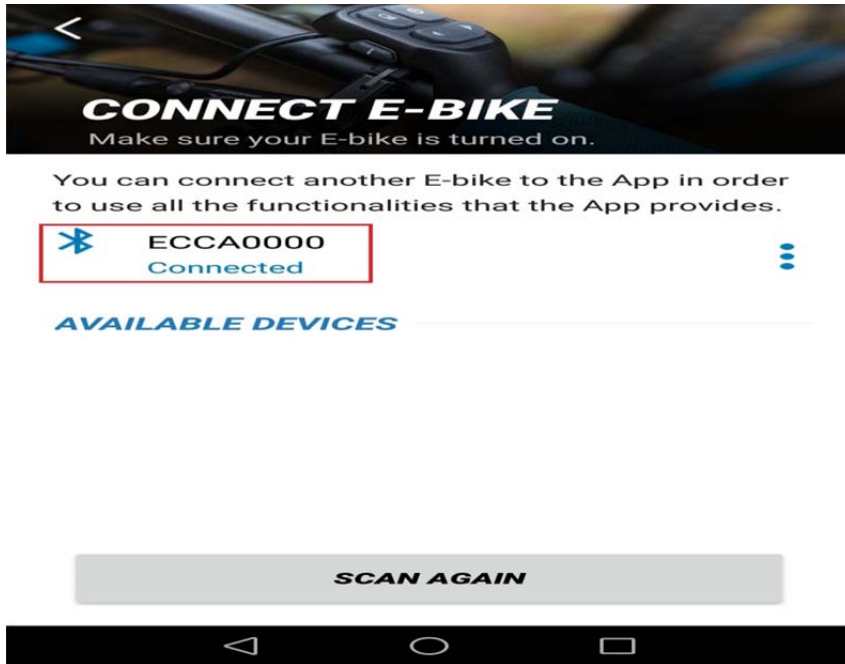


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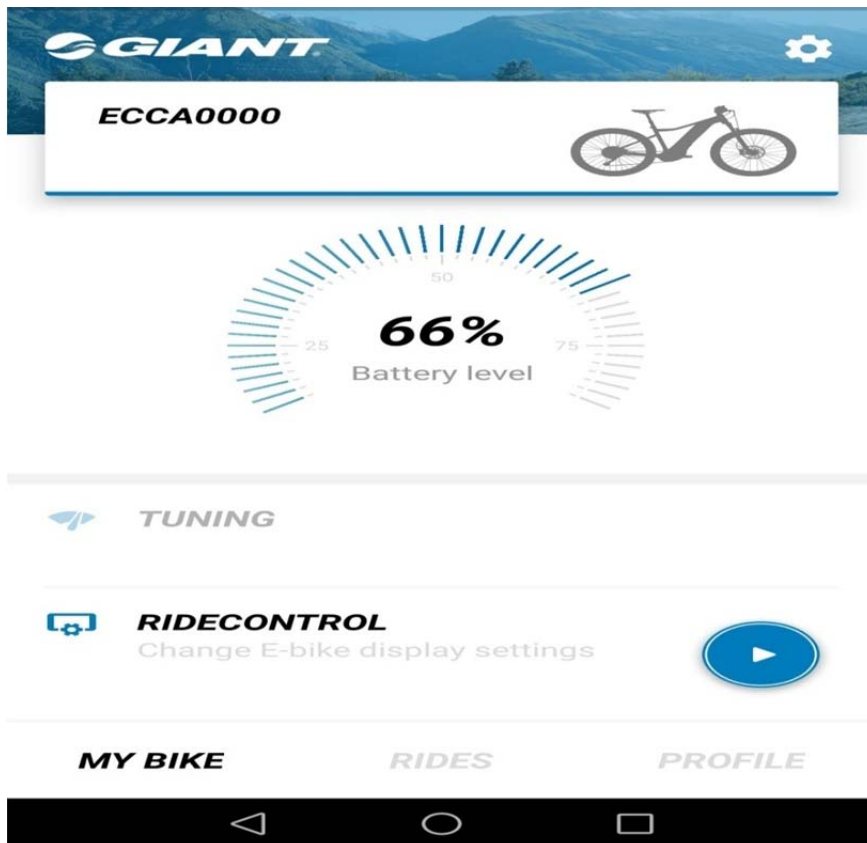
**AVAILABLE DEVICES**



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 the monitor and share data.



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## **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 respecte 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.