

# User Manual

## 1 Product overview

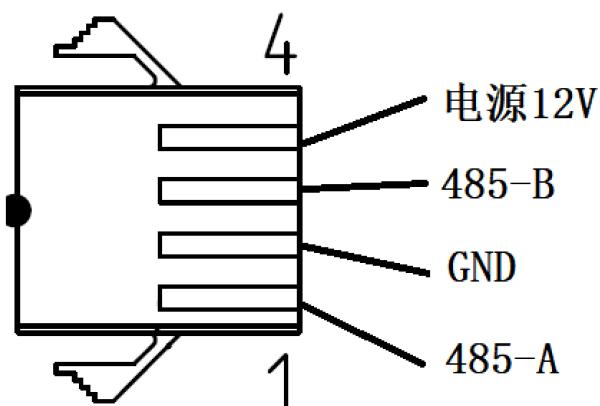
Bluetooth Box is a data transmission device for Segway Dirt eBike. The device has Bluetooth ble communication function. It can communicate with the mobile phone via Bluetooth data, and transmit the real-time parameter information of the vehicle directly to the mobile phone. Users can view the vehicle location and status remotely through the mobile app. With the help of CAN bus on the equipment, Users can communicate with vehicle controller to obtain vehicle status parameters. Users can view the vehicle parameters (such as the remaining power of the whole vehicle, vehicle temperature, etc.) through the Mobile phone APP and control the vehicle.

## 2 Technical parameters

- (1) Product name: Bluetooth Box;
- (2) Model: NB-BTBOXW12;
- (3) Rated voltage: DC12V;
- (4) Rated current:  $\leq 5\text{mA}$  (DC12V input) ;
- (5) Bluetooth band: 2.400GHz~2.4835GHz;
- (6) Bluetooth mode: BLE4.0;
- (7) dimension: 80\*42\*16.8mm
- (8) working temperature: -20°C~+65°C;
- (9) Storage temperature: -40°C~+85°C

## 3 Instructions

The figure below shows the device interface, including 12V power supply, GND, 485-A and 485-B. Through this interface, the vehicle can send the data to Bluetooth Box.



## **Federal Communications Commission (FCC) Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

### **RF exposure warning**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This product may not be collocated or operated in conjunction with any other antenna or transmitter.

**Industry Canada (IC)**

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada's licence-exempt RSSs. 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.

Cet appareil est conforme à la norme RSS d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes:

- (1) le dispositif ne doit pas produire de brouillage préjudiciable, et
- (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

**IMPORTANT NOTE:**

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment..

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.