

Wireless Remote Control Intelligent Turn Signal User Manual

1. Product Introduction

When riding a bicycle, in order to provide security for your outdoor riding, you can use the remote to control this intelligent turn signal, to give backward driving vehicles light signal hints including left and right steering, parking and brake warning.

2. Product Appearance Schematic



3. Remote Control Appearance Schematic



4. Installation Instruction

Remote Control Pairing

1. At the same time, press the power button of the remote control when turn signal, and the turn signal flickers three times in red which means the pairing is successful. As shown in figure A.



Figure A

Turn Signal Installation

1. Take out the turn signal and the fixed support in the packing box, along the grooves, slide the fixed support in grooves and snap the buckle. As shown in figure B.



Figure B

2. As shown in figure C, put the loaded turn signal on the bicycle seat tube and tighten it with screws. If it is too loose, you'd better to add a rubber gasket. (the turn signal is suitable for the seat tube size: 25-32mm).



Figure C

Remote Control Installation

1. Take out the remote control and then install it on the bicycle handle, tighten it up with a screwdriver. The remote control is suitable for the handle size: 18-28mm.

5. Product Function Introduction

Switch on the Turn Signal

1. Long press the power button to turn on / off the turn signal, and the default LED light is always on after booting.

2. In the state of power-on, short press the power button, the LED should blink or be shut down according to priority. The sequence of events is as follows:

Constant bright ➡ Remaining battery

➡ **Flicker ➡ Standby** As shown in figure D.



Figure D

***Remaining battery**

The red LED will flicker 3 times and then turn off, and the length of the red light bar is representing the remaining battery.

When the power is lower than the working voltage, if it is in the boot-up state, the red LED will flicker three times and turn off; if it is turned off, it will not be booting.

Remote Control Function (While Turn Signal Boot-Up)

1. Power button: When the turn signal is in the state of power-on, long press this button to turn the remote on, and long press it again to turn it off and the turn signal enter standby state.



Figure E

2. Red Warning Light Button: Short press to switch modes and there are constant bright / flicker / close three modes to switch.



Figure F

3. Left Turn Signal Button: Press the left turn signal button on the remote control to turn it on and press again to turn it off. If the left turn signal button is not closed in time, the turn signal automatically cancels the turning display after one minute. As shown in figure E.



Figure G

4. Right Turn Signal Button: Principle is the same as the left turn signal button, as shown in figure F.

5. Brake Light Button: Press the brake light button to turn on the brake state and release it to turn off. While braking, LED lights highlight to remind cars behind to pay attention to it. As shown in figure G

6. Product Parameters

Dimensions (W x H x D): 111.6*30*33.8mm

Weight: 168g

Waterproof Grade: IPX4

Power Supply: DC 5V 1A

Battery Capacity: 2200 mAh

Operating temperature: -20 ~ 60°C

Red Warning Light Luminance: 85 lumen

Wireless Transmission Module: 433 MHz

Battery Capacity of Remote Control: 180 mAh

Battery Life: Work for about 7 hours under constant brightness

Endurance Time of Remote Control: Not less than two months

Charging Time of Remote Control : About 1-2 hours. In the process of charging, the red light is on and the green light is on after full.

Standby Time: It can wait for about one month when the turn signal is turned on but not light, and the standby time can be more than one year when the turn signal is turned off.

Charging Time: The charging time is about 3-4 hours. In the process of charging, the red light is on and the green light is on after full.

7. Packing List

- ① Intelligent Turn Signal*1
- ② Remote Control*1
- ③ Fixed Support for Turn Signal *1
- ④ Rubber Gasket*2
- ⑤ Micro USB Charging Cable*1
- ⑥ User Manual*1
- ⑦ Fixed Screw and Nut for Turn Signal*1
M4 20mm
- ⑧ Screw and Nut for Remote Control*1
M5 25mm



8. Reminders:

1. Do not disassemble the turn signal by yourself.. There are dismantling and fragile stickers in the internal connection of the product and no warranty once they are damaged.

2. If the product is not used for a long time, charge it for at least one time within three months, otherwise it may cause the battery to be not charged fully.

3. This product waterproof grade is IPX4 which can be used in the rain weather but do not put it in water to soak.

FCC Statement

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

Note: 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 or more 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.