KS-SF34R KS-WL02C 自行车转向刹车炫彩尾灯 英文说明书 4202003402　　SIZE:7X8.5CM　　更改日期： 2023.12.07

4202003402

Cool Color Bike Tail Light with Turn Signals and Brake Light

KS-SF34R KS-WL02C

User Manual



Built-in lithium battery

Some fast charger plugs are not compatible.



Note: Pictures for reference only, subject to our available products.

FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

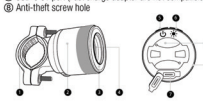
1. Product Features

- Colorful warning light / Brake light / Turn signals / Emergency flasher 4-in-1 cool color tail light, to be safe and cool!
- 15 light modes and 7 colors for each light mode, hundreds of warning light effects, more eye-catching!
- Press right/left turn signal button, right/left turn signal light flowing with clicking sound!
- Warning light will automatically light up when passing through a tunnel or during the night rides!
- Brake light will be highlighted immediately when you brake or slow down!
- Turn on emergency flasher while group riding, and you're the ride leader!
- Reminding the surrounding pedestrians and drivers with light, effectively protect the safety of the car and the rider!
- Waterproof and dustproof, high and low temperature resistance, not afraid of wind, rain and severe cold and heat!
- Long battery life with the 4th version of power-saving technology, taillight standby time up to 4-8 months, remote standby time up to 2-4 years!

2. Product Instruction

2.1 Color Tail Light

① Seat post mounting bracket　② Built-in speaker
③ Color warning light　④ Brake sensor light
⑤ Light mode/Power button　⑥ Color/Pair button
⑦ USB-C 5V port (Fast charge adapter are not compatible)
⑧ Anti-theft screw hole



2.2 Remote

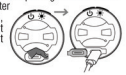


3. Quick Installation Guide

3.1 Charge to Activate Before Use

Please charge to activate before use, otherwise it may not work. And we recommend you fully charge. (Or press and hold the light mode/power button on taillight for 10s to activate)

Note:Please charge with the package included USB cable and 5v power adapter (package NOT included), please know some fast charge adapter are not compatible.



3.2 Round Seat Post Bracket Installation

(suitable for 2.8-3.5cm diameter round tubes)

3.2.1 Bracket installation more suitable for bikes, electric bikes, tricycles, which is fixed on seat tube, head tube, rear backrest or any other round tube.

3.2.2 Turn the bracket into the back of taillight until it locks. Screw on the anti-theft screw to prevent the tail light from being easily took off, but it is not convenient to remove the tail light for charging.

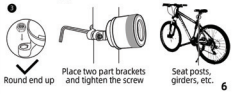
Installation Diagram:



3.2.3 Place 2 silicone pads on brackets, you should align the contours on the silicone pad with the grooves on the inside of the brackets, place two part brackets with silicone pads on the selected tube, and tighten the screw until the mount does not slide on the tube.

Note: You should check the tightness of the screw periodically.

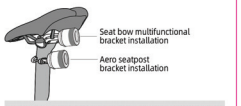
The mounting position is shown below:



3.3 Optional mounting brackets :

seat bow multifunctional bracket, aero seat post bracket

The mounting position is shown below:



★ Optional aero seatpost bracket, suitable for most of aero seatpost.

★ Optional seat bow multifunctional bracket, suitable for most of bike seat bow, rear seat, rear basket and so on.

3.4 Installation & removal of remote

3.4.1 Attach the remote bracket to the handlebars of your bike.

3.4.2 Fix it with screw.

3.4.3 Turn the remote into the remote bracket. Done.

3.4.4 When parking, twist off remote and take it off.

Installation is shown below:



Remote Installation and Removal Diagram

Reminder: Package included anti-loosening nuts, when installing, place the nut with the rounded end facing outward and the hexagonal end facing inward. Please be patient when mounting and dismounting.

4. Using and Setting

4.1 Power On/Off

4.1.1 Power On: Press the taillight power button or the remote power button to turn on the taillight and enter the colorful warning tail light function. It has power off memory function, when it is turned on, the mode and color was the setting last time.

4.1.2 Power Off: Press the power button on remote, or press and hold the power button on taillight for 2s to turn off. It will make shutdown bi when turned off.

4.2 Color Warning Light & Smart Brake Light

4.2.1 Press the light mode button to cycle through 15 tail light modes, Slow Flash → Breathing→ Blinking→ Steady Light→ Snake→ Windmill→ Stacking → Roller Coaster → Taiji Fish →Three-body→ Propeller → Chase Run→ Dolphin Dive→Heart of the Ocean→ Wind Fire Wheel, each mode can be changed to 7 colors or effects by pressing the color button (except for the Wind Fire Wheel mode), It remembers the colors and effects for each mode.

4.2.2 Continuing to press the light mode button in the 15th mode to turn off the tail light.

4.2.3 Many users like intelligent auto on / off modes. In Slow flash / Breathing / Blinking modes, the taillight will light up for 30s and then automatically detect the brightness of the riding environment, automatically turn off when it is bright, and automatically turn on when it is dark. In a dark environment, if you stop for more than 30s, it will automatically turn off to save power, if you ride again, it will automatically light up.

4.2.4 If you don't need intelligent auto on/off modes, you can select other modes. Taillight will be automatically turn on and off by environmental brightness and vibrations in Slow flash/Breathing/Blinking modes. The other 12 modes are not affected by brightness and vibration.

4.2.5 When the taillight is on, if there is a brake while riding, the taillight will be highlighted in red for 2s to remind other drivers, and then return to the previous mode.

4.3 Turn Signal Light

4.3.1 Press the left/right button on the handlebar remote when you turn left/right while riding, the left/right turn signal of the taillight will flowing light and make clicking sound. To remind the surrounding pedestrians and drivers.

4.3.2 Turn signal light will automatically turn off after 2 minutes and return to the previous mode. If you want to turn off the turn signal early, you can press the same direction button of the remote to turn it off (press the light mode button or emergency flasher button can also

turn it off). When turn signal light is on, warning light and smart brake light are temporarily inactive for more conspicuous indication.

4.4 Emergency Flasher

4.4.1 When you need to ride with a group or make an emergency stop, press the emergency flasher button on remote control to turn on the emergency flasher.

4.4.2 Smart brake light is available in emergency flasher mode. Press the the emergency flasher button again to turn off the emergency flasher and back to the previous mode.

4.5 Pair More Remotes/Taillights

4.5.1 Taillight and remote have been paired when you receive. If you need to pair more remotes/taillights, please see the following steps.

Step 1: Power off the taillight firstly, press and hold the Color/Pair button on taillight about 3s until you heard a "bi" sound, it enters pairing process.

Step 2: Press any button on remote, taillight will make two "bi" sound. Done. The taillight have been paired with the remote now.

4.5.2 When in pairing process, press Color / Pair button on taillight, or not any operation within 30s, taillight will make a long "bi" and exit pairing process.

4.5.3 Only one remote / taillight can be added at one time. If you need to add more remotes/taillights, please repeat the above steps. The steps of adding remote and the steps of adding taillight are the same.

4.5.4 A taillight can pair up to 8 remotes, if exceeds, the ninth remote will replace the first one.

4.5.5 Delete all pairing [Please do with caution] : Turn off taillight firstly, then press and hold the Color/Pair button on taillight, about 3s later it will make a "bi" sound and enter the pairing process, ignore it and don' t release, continue to press and hold the button for about 7s until it makes a long "bi" sound. Done. All remotes will be deleted.



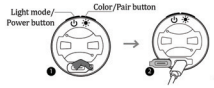
Note: The above setting can not be set when power on, please turn off the taillight before setting.

4.6 Battery Indicator, Low Battery Warning & Recharge

4.6.1 Battery indicator: It will show the current power level when power on or power off. The 1~5 grids flashing on right turn signal correspond to the battery level 1~5. 5 grids full right turn light indicator fully charge, 4 grids indicator 80% charge , 3 grids indicator 60% charge, 2 grids indicator 40%, 1 grid indicator 20%. Charge the battery when it is lower than 20%.

4.6.2 Low battery warning: When taillight battery lower than 20%, the taillight will make low-battery prompt sound, in addition to the power on/off prompt sound.

4.6.3 Recharge: It is recommended to use the package included Type-C cable for charging. The right turn light flashes 1~5 grids, corresponding to the current battery level 1~5; When fully charged, the indicator light is off. Please cover the charging port plug tightly to ensure good waterproof.



4.6.4 If remote is in low battery, wireless range will be reduced, or, remote indicator no longer lights up or lights weak, please replace the remote control battery.

Method of Changing Battery of Remote:



Twist off remote → Open battery cover → Replace battery (ensure the positive and negative polarity of the battery is correct) → Screw on → Twist remote into bracket

Note: 1. Please replace the batteries in strict accordance with the battery model requirements of the manual to avoid the risk of explosion.

2. Please place battery in a safe area and keep it away from the reachable area of children to avoid accidental ingestion of burns and lead to the risk of death.

5. Product Parameter

5.1 Taillight Battery: 3.7V 600mAh lithium battery
Working time about 1~3 months
Standby time about 4~8 months

5.2 Taillight Charge Port: Standard USB-C 5V (some quick chargers may not be compatible)

5.3 Remote Control Battery: CR2032 button battery
Working time about 2~4 years (30 times per day)

5.4 Working Frequency: 433.92MHz

5.5 Wireless Range: 5~20m

5.6 Waterproof Level: IP66

5.7 Working Environment Temperature: -20 ~ +70℃

5.8 Working Environment Humidity: <95%

5.9 Storage Temperature: -40 ~ +70℃

Taillight battery life in different mode
(unit: hour)

Taillight Mode	Red	White
Blinking	20	10
Steady light	4.5	3
Three-body	10.5	4.5
Snake	10.5	5
Wind fire wheel colorful	12	12
Yellow emergency flasher	54.5	54.5

6. Troubleshooting

6.1 Can't remote control

6.1.1 Check whether the remote indicator can light up. If not or light weak, please replace the remote control battery.

6.1.2 The taillight is in low power consumption state when you receive. In this state, remote can not control the taillight. Please charge the taillight at least 1 minute to active before use, otherwise remote can't control the taillight.

6.1.3 If taillight have been charged and activated, but remote doesn't work, please pair the remote and taillight again. The pairing method please see 4.5.

6.2 Taillight doesn't work

6.2.1 Maybe the battery is dead, please full charge it.

6.2.2 In smart auto on/off modes, the taillight will turn off automatically in bright environments. If you want the taillight to work in bright environments, please set it in other modes.