

[Manuals.plus](#) /

› [Tellegante](#) /

› Tellegante Smart Bike Tail Light (Model TEL BLR100B) Instruction Manual

Tellegante TEL BLR100B

Tellegante Smart Bike Tail Light (Model TEL BLR100B) Instruction Manual

Model: TEL BLR100B

INTRODUCTION

Thank you for choosing the Tellegante Smart Bike Tail Light. This device is designed to enhance your cycling safety with its advanced features, including brake sensing, automatic on/off functionality, and multiple lighting modes. Please read this manual thoroughly before use to ensure proper installation and operation.



Image: Tellegante Smart Bike Tail Light highlighting its features.

WHAT'S IN THE BOX

- Tellegante Smart Bike Tail Light
- Seat Mount Bracket
- Seatpost Mount Bracket
- Type-C Charging Cable
- English Manual (this document)

SPECIFICATIONS

Brand	Tellegante
Model Number	TEL BLR100B

Color	Black
Material	Aluminum
Power Source	Battery Powered
Water Resistance Level	IP65 Waterproof
Mounting Type	Seat Mount or Seatpost Mount
Light Output	Up to 500 lumens (peak during brake sensing)
Battery Capacity	500mAh
Battery Life	Up to 15 hours (depending on mode)
Charging Port	USB Type-C
Dimensions	Approximately 34mm (diameter) x 40mm (length)



Image: Product dimensions and material.

SETUP AND INSTALLATION

The Tellegante Smart Bike Tail Light offers two mounting options: under the saddle or on the seatpost.

Mounting Options:

- Seat Mount:** Attach the tail light directly under your bicycle saddle using the provided bracket. Ensure it is securely fastened and does not interfere with saddle adjustments.
- Seatpost Mount:** Use the seatpost bracket to attach the tail light to your bicycle's seatpost. Position it vertically for optimal visibility.

2 Ways to Mount



Image: Two ways to mount the tail light.

Your browser does not support the video tag.

Video: Official demonstration of the Smart Bike Tail Light, including mounting and operation.

OPERATING INSTRUCTIONS

Power On/Off:

Press and hold the power button for 2 seconds to turn the light on or off.

Lighting Modes:

Short press the power button to cycle through the 5 unique dynamic lighting modes:

- **Normal Flash:** Standard flashing pattern.
- **Fast Flash:** Rapid flashing pattern.

- **Strobe:** Intense, quick flashes.
- **Breathing:** Light fades in and out smoothly.
- **Steady On:** Constant illumination.

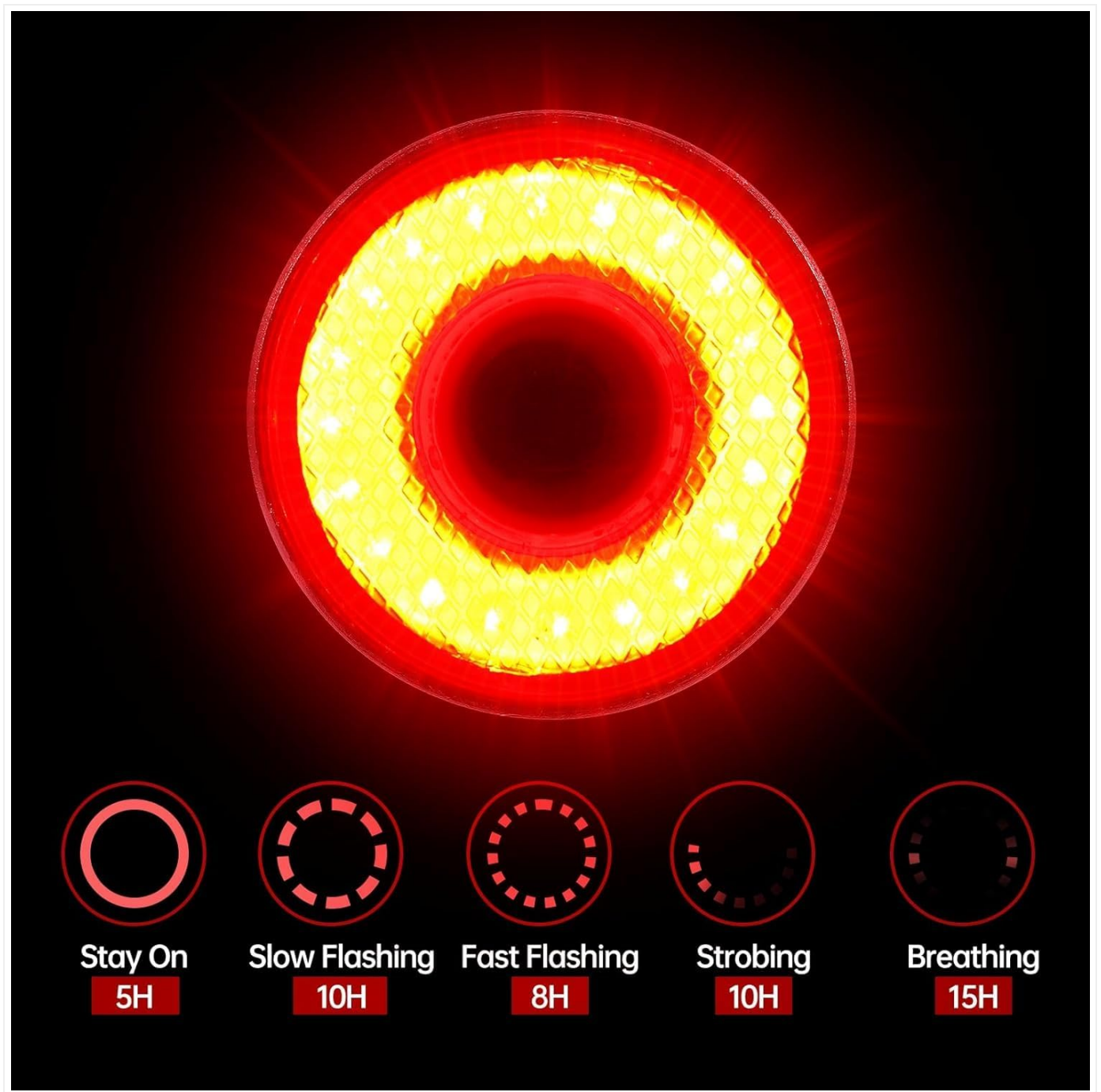


Image: Illustration of the 5 dynamic lighting modes.

Smart Brake Sensing:

The tail light features a built-in brake sensor. When deceleration or emergency braking is detected, the light's brightness will significantly increase and remain on for 3 seconds to alert riders behind you. It will then return to the previously selected mode.

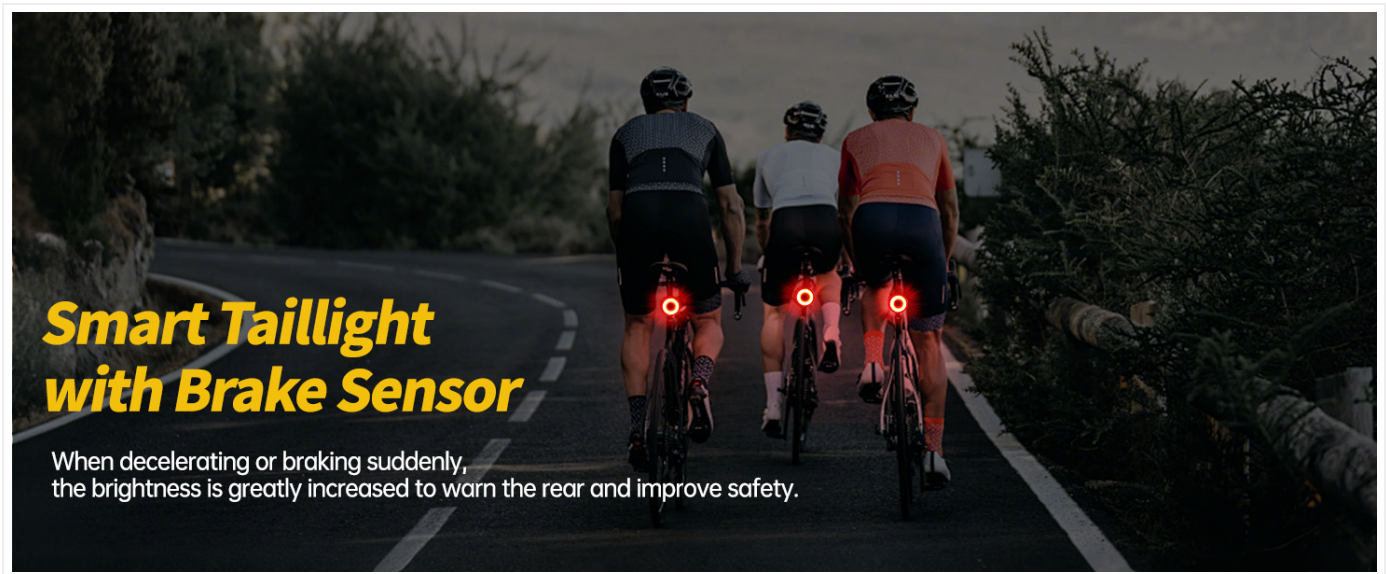


Image: Brake sensing function in action.

Automatic On/Off (Vibration Sensing):

The tail light includes a 30-second vibration sensing function. If no vibration is detected for 30 seconds, the light will automatically turn off to conserve battery. It will automatically turn back on when vibration (motion) is detected again.



Image: Automatic On/Off feature with vibration sensor.

CHARGING

The Tellegante Smart Bike Tail Light is equipped with a 500mAh rechargeable battery and a USB Type-C charging port.

- Connect the provided Type-C cable to the tail light's charging port.
- Connect the other end of the cable to any standard USB power source, such as a phone adapter, power bank, computer, or car charger.
- A full charge typically takes approximately 1 hour.
- The indicator light will show charging status (e.g., red for charging, green for fully charged).
- Battery life ranges from 5 to 15 hours depending on the selected lighting mode.

Type-C Charging Ports

The bike taillight is charged by type-c, can be charged by any device with a USB port.



Image: Charging the tail light using a Type-C cable.

MAINTENANCE

- **Cleaning:** Wipe the light with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Resistance:** The light is IP65 waterproof, meaning it is protected against dust and low-pressure water jets. It can withstand rain but should not be submerged in water.
- **Storage:** Store the tail light in a cool, dry place when not in use. If storing for an extended period, charge the battery periodically to maintain its health.
- **Battery Care:** Avoid fully discharging the battery frequently. Charge it before it completely runs out to prolong battery lifespan.



Image: IP65 Waterproof rating demonstration.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is discharged.	Charge the tail light using the provided USB-C cable.
Light turns off unexpectedly.	No motion detected for 30 seconds (Auto Off feature).	This is normal operation. The light will reactivate upon detecting motion.
Brake sensing not working.	Light not securely mounted or sensor obstructed.	Ensure the light is firmly mounted and its sensor area is clear. Test deceleration to confirm function.
Light is dim or inconsistent.	Low battery or dirty lens.	Recharge the battery. Clean the lens with a soft cloth.

WARRANTY AND SUPPORT

The Tellegante Smart Bike Tail Light (Model TEL BLR100B) comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or any questions regarding your product, please contact Tellegante customer service. You can typically find contact information on the product packaging or the official Tellegante website.

Tellegante is committed to providing 24-hour online support to ensure your satisfaction and peace of mind.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question