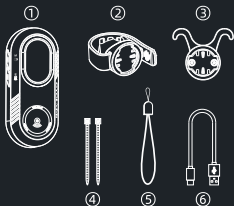


# ***LAI50***

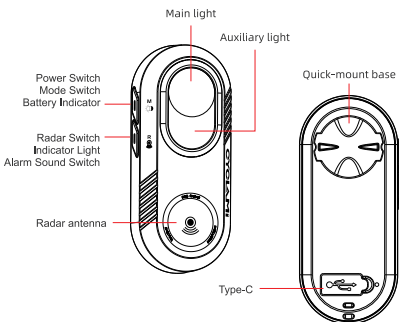
## Bicycle Radar Tail Light

### **Package Contents**

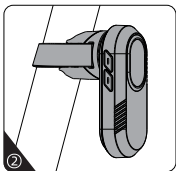
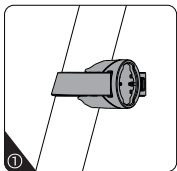
- ① Bicycle Tail Light
- ② Seatpost Mount
- ③ Seatstay Mount
- ④ Zip Ties
- ⑤ Lanyard
- ⑥ Type-C Charging Cable



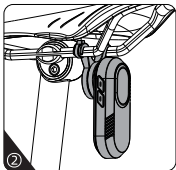
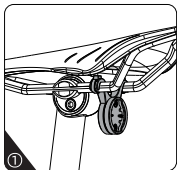
# Operating Instructions



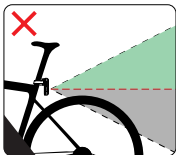
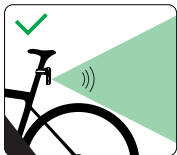
## 1. Seatpost Position Installation



## 2. Mounted under the saddle



## 3. Ensure proper installation height to prevent wheel obstruction from interfering with radar signals.



## Battery life

| Main light     | Auxiliary light | Radar activated |
|----------------|-----------------|-----------------|
| Constant Light | Constant Light  | 8 H             |
| Constant Light | Close           | 10 H            |
| RGB            | Constant Light  | 8.5 H           |
| Flicker        | Close           | 11.5 H          |
| Flicker        | Constant Light  | 11.5 H          |
| Close          | Constant Light  | 12.5 H          |
| Close          | Flicker         | 14.5 H          |

The battery life indicated is based on experimental test data and is for reference only. Actual usage may vary due to differences in the number of radar alerts triggered and brake sensor activations per vehicle. Actual performance may differ.

## Operating Mode

### Power button:

Press and hold for 2 seconds: Power on/off.

Single click: Switch light mode (main light): Flash → Steady → Breathing → RGB → Off

Click to cycle

Flicker → Constant Light → Breath Flash  
→ RGB → Close

Double-click: Toggle light mode (auxiliary light): Fast flash → Slow flash → Steady on → Off

Double-click  
to cycle

Pop-up → Slow flashing → Constant Light  
→ Close

### Radar Key (when powered on):

Short press: Turn radar mode on/off (blue indicator light on indicates radar mode is active). Double-click: Turn radar alert sound on/off.

### Battery Alert:

When the device is powered off, press the power button to check the battery indicator light color.

Green light: 71%-100% battery left; Orange light 31%-70% battery left; Red light: 5%-30% battery left; Flashing red light: below 5% battery left—needs charging immediately.

During charging, the red light flashes. When fully charged, the green light stays on.

## Intelligent Brake Sensing

When the LA150 detects braking, the lights instantly illuminate at maximum brightness for 2 seconds before returning to the original lighting mode.

## Auto Start-Stop

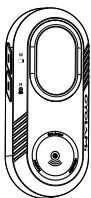
The taillights enter sleep mode after remaining stationary for 60 seconds.

When vibration is detected, the taillights will wake up to their original mode (radar functionality remains active; when the radar detects a vehicle, it triggers the taillights to flash rapidly and activates the radar warning sound).

The device automatically powers off after remaining stationary for over 30 minutes.

## Wireless connection

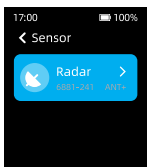
After powering on, the LA150 automatically enables ANT+ and Bluetooth functionality. It can connect to a bike computer via standard ANT+ and Bluetooth transmission protocols (the bike computer must support adding radar peripherals). The pairing method is as follows: 1. Turn on the LA150 radar tail light and display device, keeping them within 3 meters of each other.



2. Enter the settings page on the speedometer, select "Add Radar Sensor," and enter search mode.

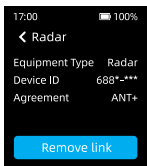


3. Select this device from the search results on the odometer page to connect.



4. Disconnection Method: Go to the Radar Sensor option on the speedometer page, tap this device ID, then tap "Disconnect" in the pop-up dialog.

Note: Steps for adding peripherals may vary slightly across different speedometer brands. Each sensor has a unique ID; refer to your actual connected device for confirmation.



## Radar sensing

**Alert:** Audible intermittent beeps for approaching vehicles (can be manually muted).

**Detection Range:** Targets vehicles with a relative speed of 10-120 km/h, filtering out those of the same speed or moving away.

**Target Capacity:** Tracks multiple vehicles but displays a maximum of 5 simultaneously on screen

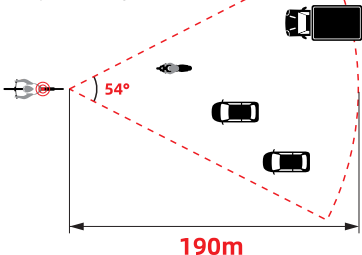
**Radar beam Angle:** 54° horizontal field of view (27° left to 27° right).

The following data represents experimental test distances. Minor variations in actual usage environments are normal.

**Trucks:** Detection range **150-190m**

**Cars:** Detection range **110-150m**

**Motorcycles:** Monitoring distance **50-80m**



**Note:**

The steps for adding peripherals and the display interface may vary slightly between different brands of cycling computers. Please refer to the actual cycling computer you are connecting.



## Important Notes

1. Your Responsibility Comes First: Always rely on your own judgment and obey traffic laws. The radar is a supplemental aid, not a replacement for safe riding practices.
2. Stay Aware of Your Surroundings: Do not become distracted by staring at the display. Remain focused on the road ahead.
3. Use the System Correctly: Check for vehicles behind you with a quick glance at the screen or by listening to the alarm. Understand how the system works before you ride.
4. When using the product for the first time after unboxing, charge the light fully to ensure proper functionality.
5. Damage caused by human error or misuse is not covered under warranty.
6. CYCLAMI products come with a 1-year warranty. Repairs beyond this period incur charges for parts and shipping. For product issues, contact us via email: [cyclami@outlook.com](mailto:cyclami@outlook.com)

✉ After-sales Support Email: [cyclami@outlook.com](mailto:cyclami@outlook.com)

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