Navihood

GPS Bike Computer

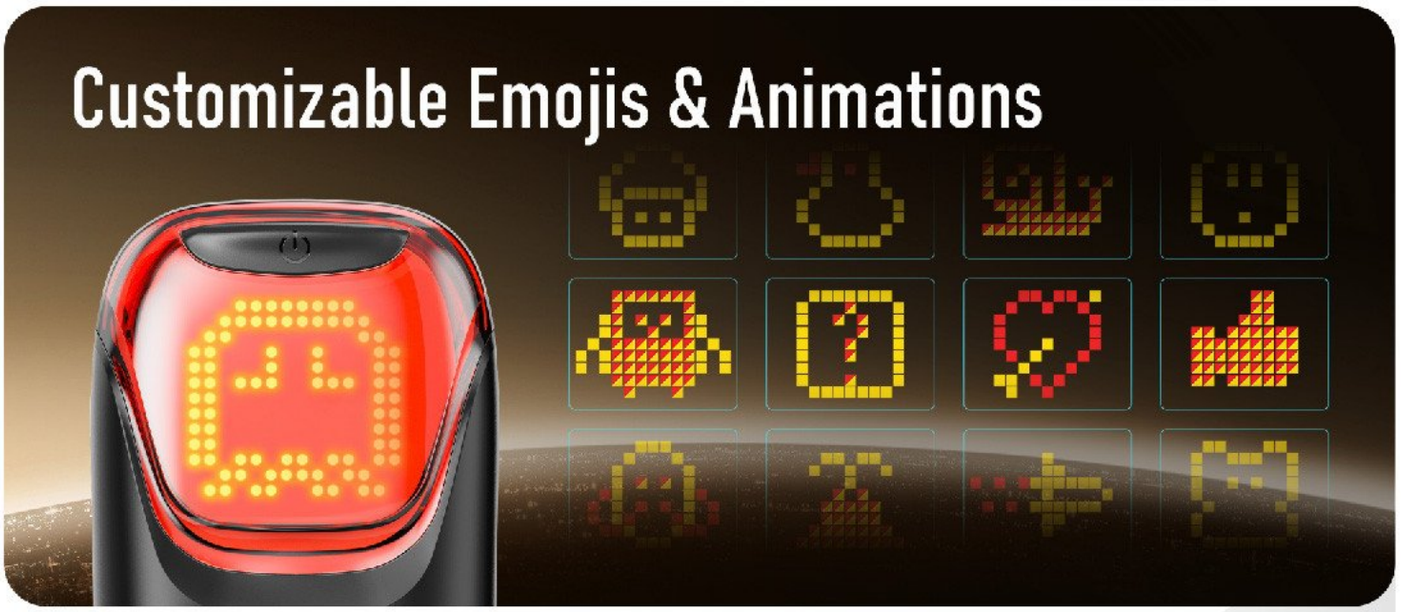
B2 Expressive Radar Laser Taillight

Smart | Safe | Fun



Key Features

NAVIHOOD B2







Red & Yellow COB Light Source with 234 Dot Matrix



Supports Saddle-Mounted Installation



Radar Detection for Rear Vehicles



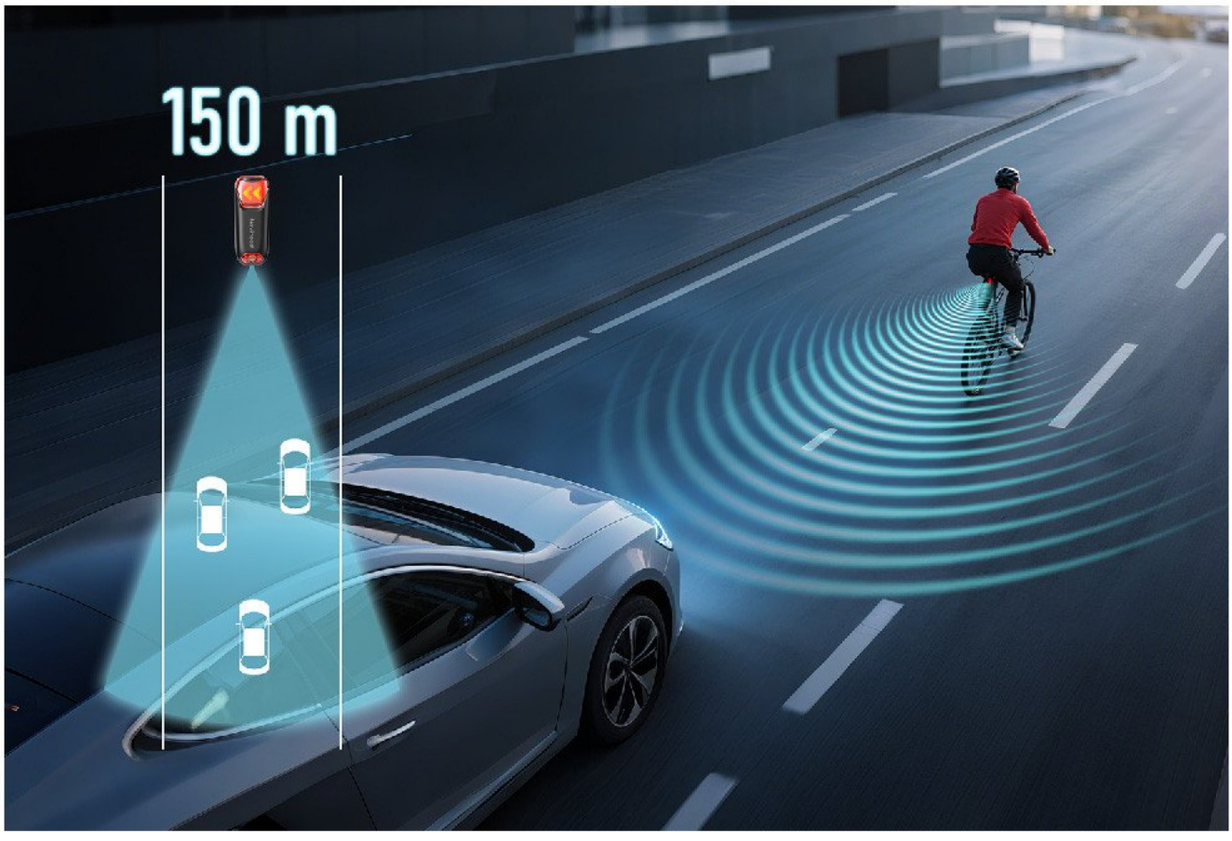
Safe Distance Laser Warning Light



Sleek & Lightweight
Crystal Clear



Millimeter-Wave Radar Detects Approaching Vehicles





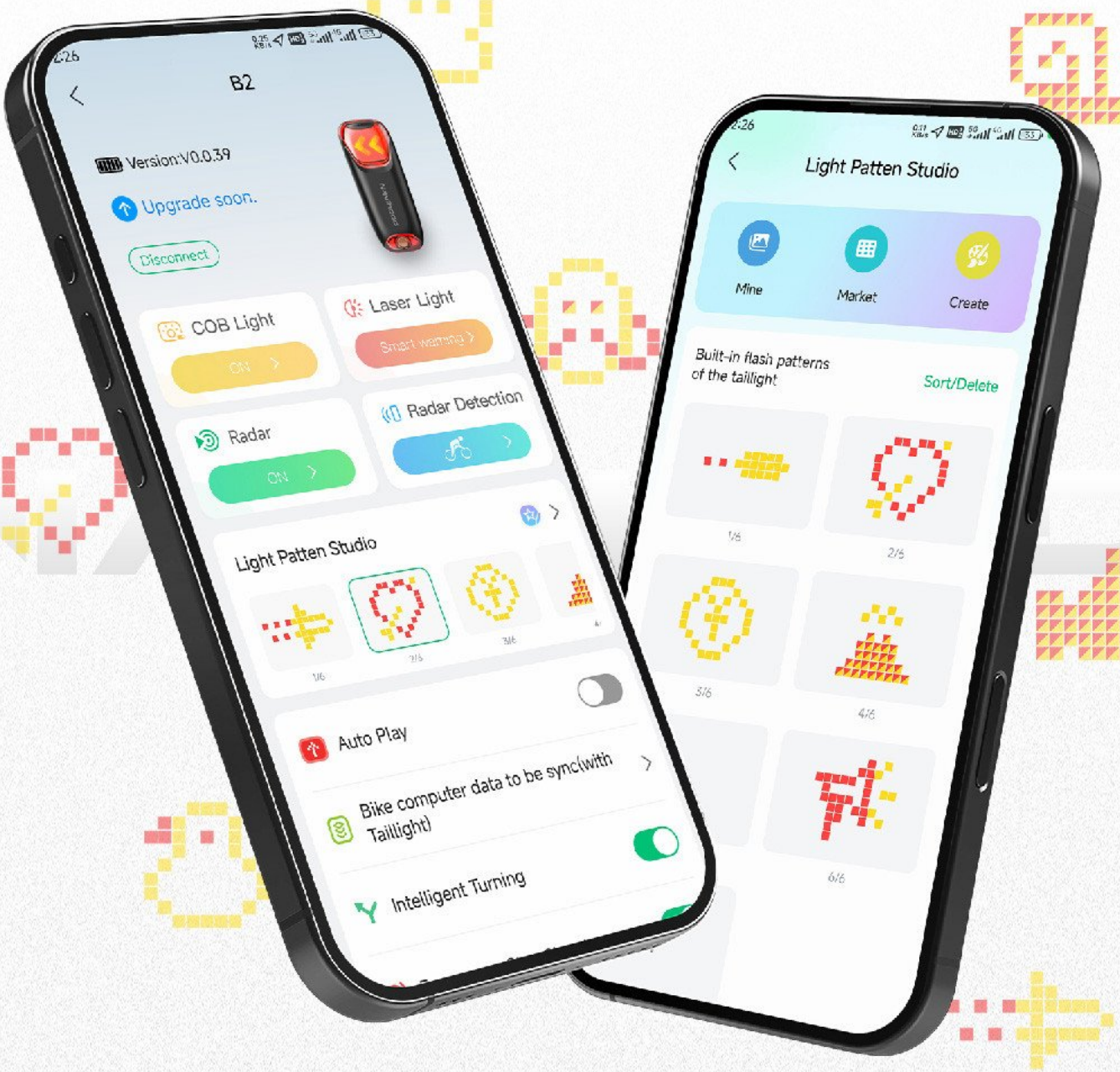
Safe Distance Laser Warning Light

When a rear vehicle is detected at a potentially dangerous distance, the laser projection will flash rapidly to warn drivers.



Connect to Navihood APP

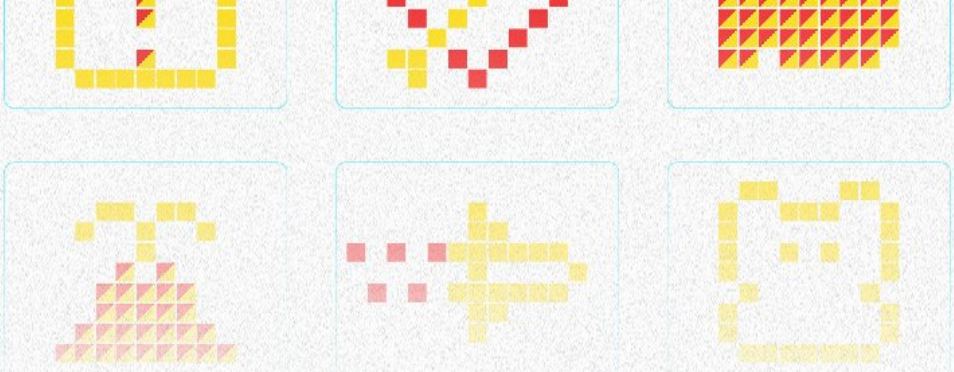
Customize and display dynamic emojis, patterns, or text.



Show your mood with style!







Bullet Screen



Connect to Navihood Bike Computer

Synchronize left & right turn signals (supports L1 & L2)



Connect to Navihood Bike Computer

Synchronize and display real-time bike data: Speed / Cadence / Heart Rate / Power / Distance / Gradient / Lap Count



Uses Bluetooth BLE5.0 / ANT+ Dual-Mode Wireless Protocol

When the APP connection is successful, B2 will display: “APP”



When the GPS Bike Computer connection is successful, B2 will display: “BLE”



1. When connecting the bike computer with the APP → Sensors, you will see two icons:



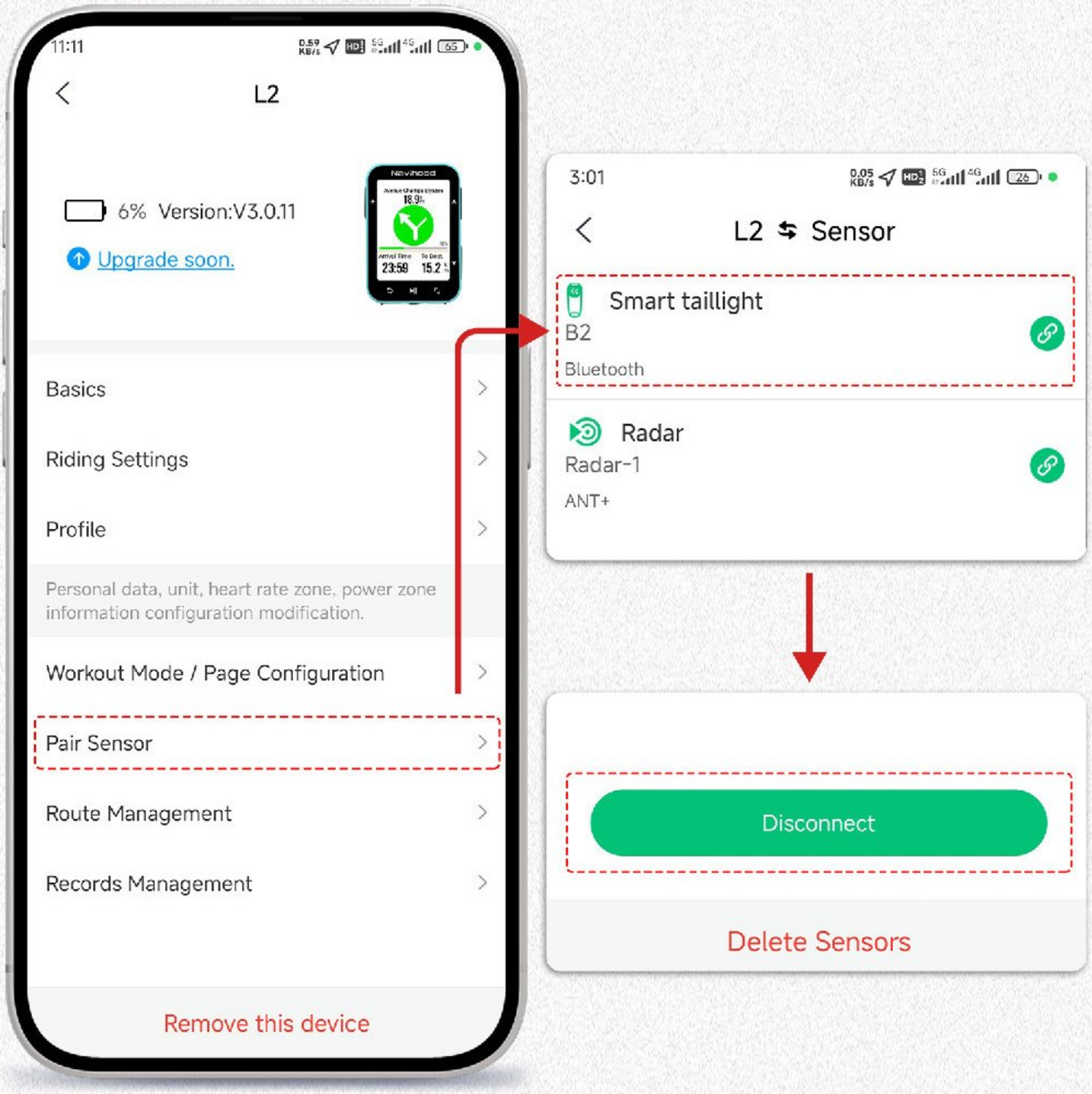
ANT Radar Icon: Connects via the standard ANT+ protocol to compatible bike computers to display radar data.



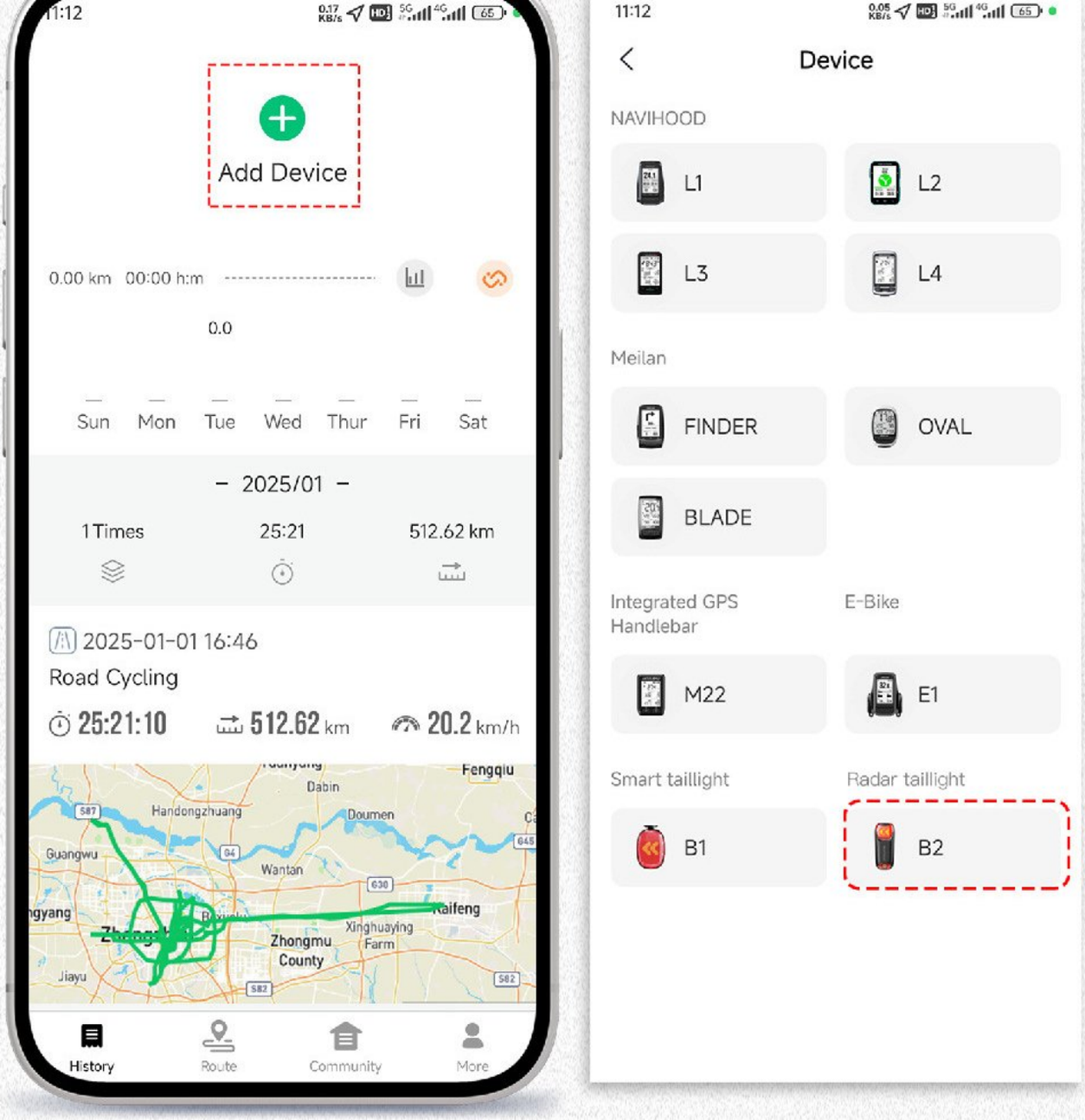
B2 Taillight: Connects to the Navihood bike computer via Bluetooth for displaying bike data and turn signals.



2. To set up or customize the B2 taillight display (DIY patterns):



Go to Bike Computer → Sensors → B2, select Disconnect.



Then reconnect the B2 taillight via APP → Devices → Search for B2.

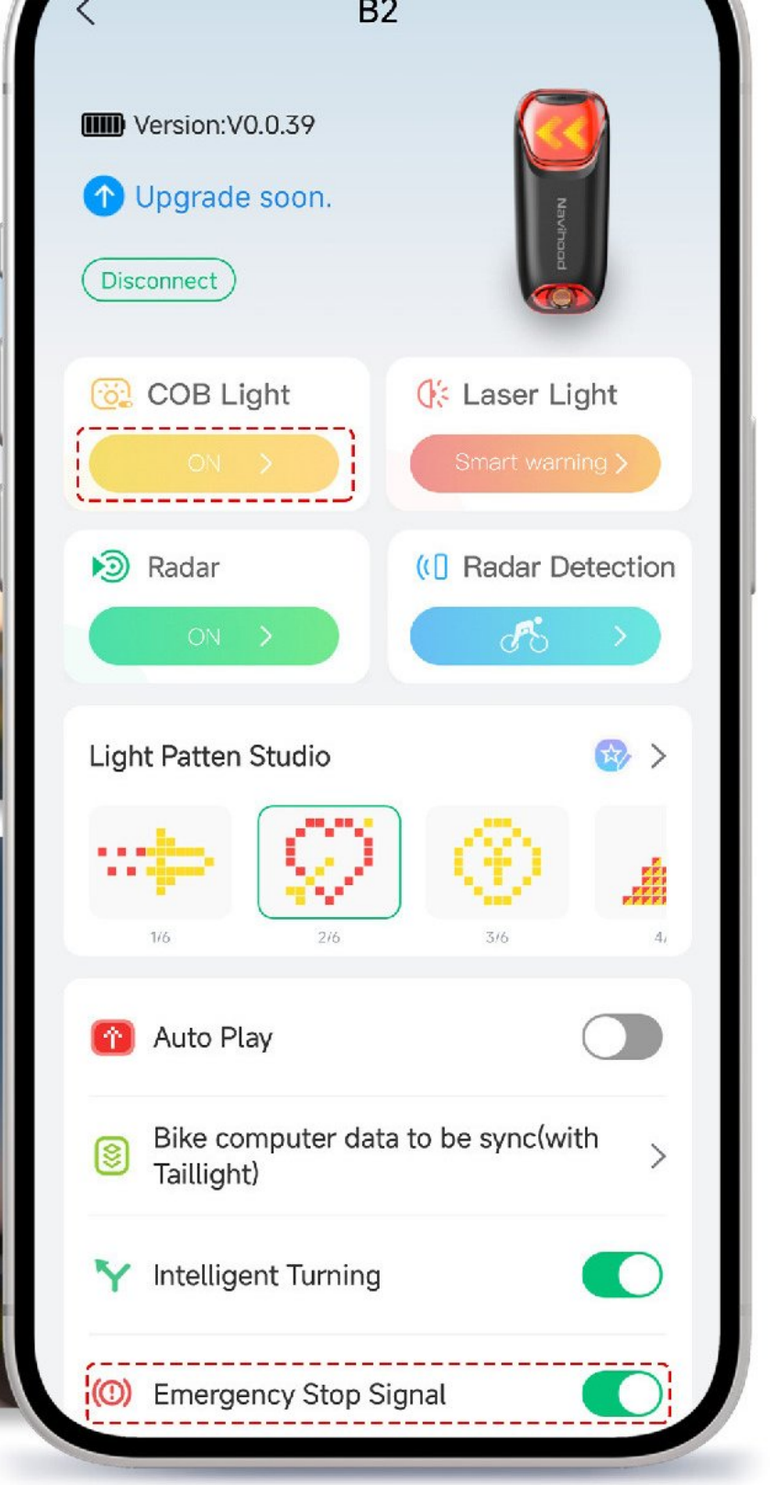
The B2 taillight's Bluetooth can only connect to either the bike computer or the APP at one time. To connect to another device, please disconnect the previous one first. The B2 does not support control of the taillight via other brands' bike computer ANT+ protocols, but it does support standard ANT+ radar data display on other brands' bike computers.

Ambient

Ambient Light Sensor







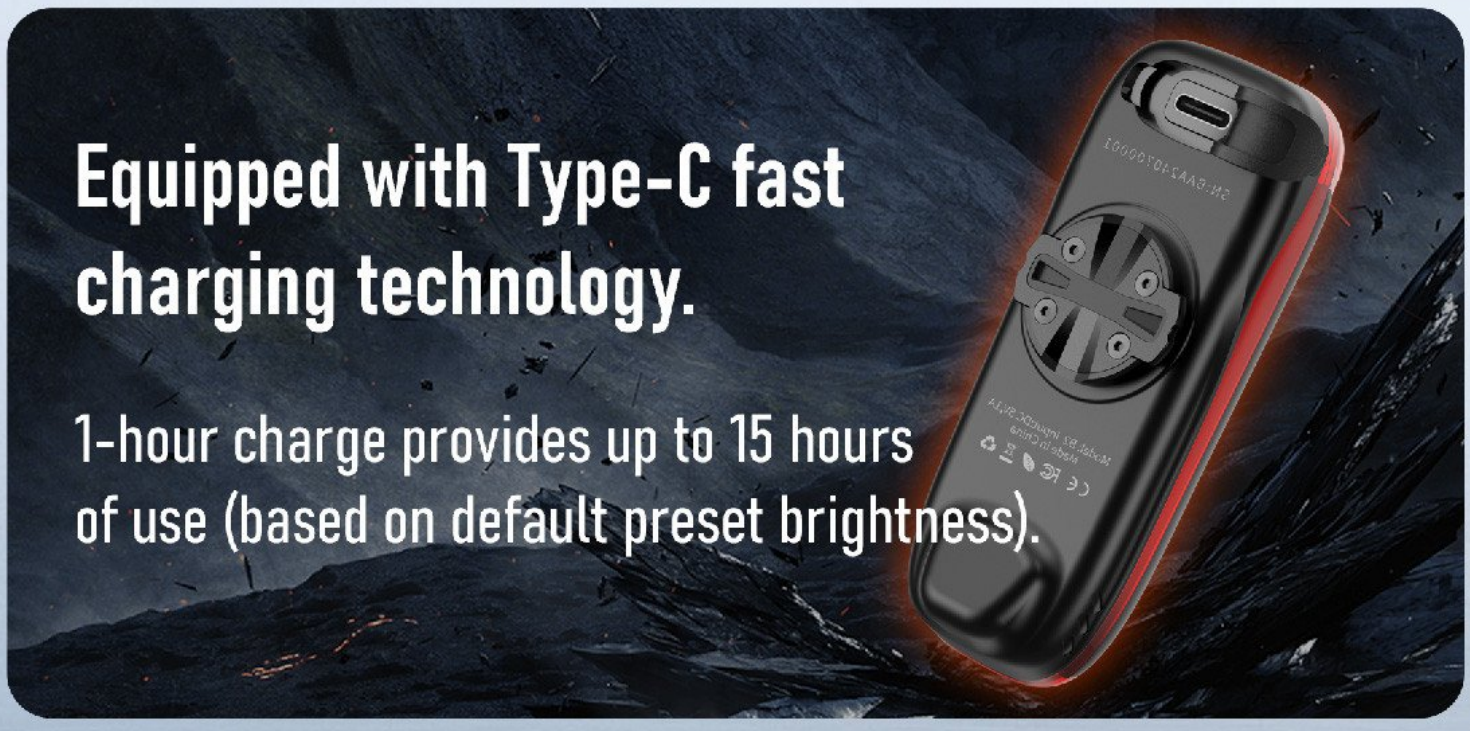
Supports automatic light on/off for day and night (requires APP settings).

Emergency Brake Flash Warning

Adds extra safety protection.




Uses high-brightness red and yellow dual-color
COB light source with 234 dot matrix.


Equipped with Type-C fast
charging technology.
1-hour charge provides up to 15 hours
of use (based on default preset brightness).


IPX7 waterproof level
can withstand shallow submersion.

Rotary mounting design for easy installation and removal.

Mounts to seat post with elastic rubber strap.



Reinforced metal bracket

Prevents breakage of the radar mount when dropped, unlike traditional plastic brackets which break due to leverage.



Supports 3 different seat post types:



Triangle seat post silicone pad

Square seat post silicone pad

Round seat post silicone pad

Navihood Global Community

Enjoy the ride and share the joy with fellow cyclists worldwide.

GET IT ON Google Play

Download on the App Store











Navihood

Health Facebook Google Fit Komoot Strava TrainingPeaks

Navihood B2

Standard Package



Included Accessories:

Navihood B2 Radar Taillight	x1
Outer Packaging Box	x1
Quick Start Guide	x1
Seat Post Mount	x1
Seat Post Silicone Pad	x3
Saddle Mount	x1
M4*12 Screws	x2
Type-C Charging Cable	x1
Anti-Loss Lanyard	x1





Product Specifications

Product Name:	Navihood B2 Expression Radar Laser Taillight
Model:	B2
Battery Capacity:	1500mAh
LED Colors:	Red & Yellow
Visible Distance:	500 meters
Brightness:	50 lumens
Weight:	72g
Dimensions:	98 × 39 × 19 mm
Communication Protocol:	Taillight: Bluetooth BLE5.0 (custom protocol) Radar: ANT+ (standard universal protocol)
Waterproof Rating:	IPX7
Temperature Range:	-20°C to +60°C
Warranty:	2 years replacement

TWO-YEAR WARRANTY

- All our products are under 2-Year warranty since the date of purchase. It is valid for all the factory defects but does not include errors due to user's incorrect usage.
- If you encounter any difficulties during use, you can find us through the following channels:

- Troubleshooting guides can be found in our APP- Help and Feedback directly. For example, users can find out : How to import data from PC to the device?
- "More→Help Center" in the APP or "Contact Us" on the official website
- After-sales email: service@meilankj.com
- Phone: +86 0755 23159119

  Working hours: Monday to Friday, 09:00-17:00 China time
- Navihood official social media accounts:

YouTube Facebook Instagram Tiktok