

CYCPLUS

Radar Tail Light L7

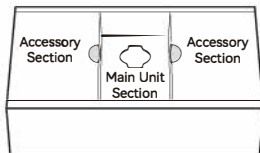


User Manual

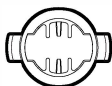
Packing List



Radar Tail Light L7



Inner Packaging Box



Seat Tube Mount



Seat Tube Rubber Pad ①



Seat Tube Rubber Pad ②



Short Rubber Strap



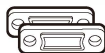
Long Rubber Strap



Seat Rail Mount ①
(Includes rubber pad ×2)



Seat Rail Mount ②



Seat Rail Mount Spacer×2



M5 Hex Screws ×2



3mm Hex Wrench



Charging Cable

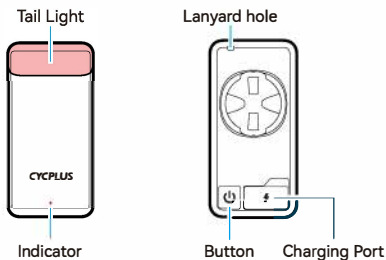


User manual



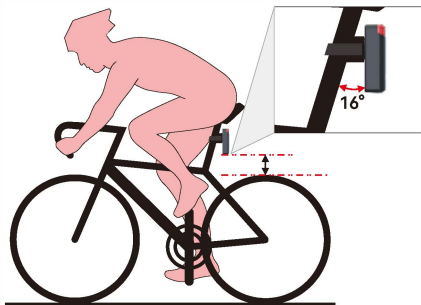
Lanyard

Product Detail



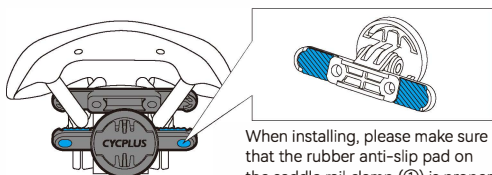
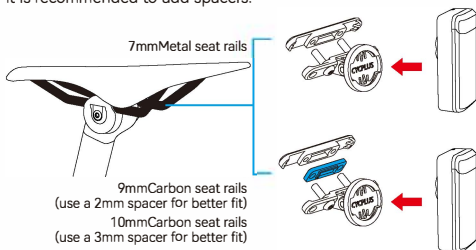
Installation

For best detection, mount the L7 on a suitable seat post or rail. Ensure it is perpendicular to the ground and unobstructed by the rear wheel.



Install to saddle

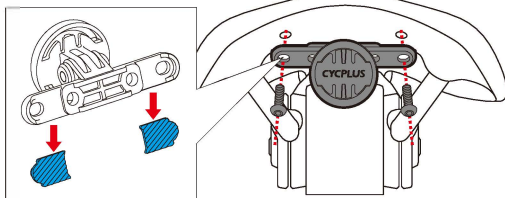
The 7×7 mm metal rail saddle can be directly installed on the saddle clamp. When installing on 7×9 mm or 7×10 mm carbon rail saddles, it is recommended to add spacers.



When installing, please make sure that the rubber anti-slip pad on the saddle rail clamp (1) is properly in place.

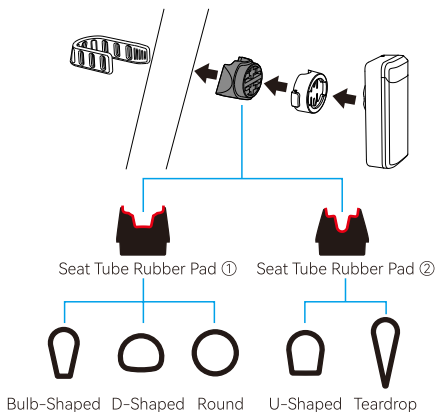
Mounting on Saddle (Requires a saddle with mounting holes)

When installing onto the saddle position, use only the saddle rail clamp (1) and screws. Remove the rubber anti-slip pad from the clamp, then tighten it to the saddle mounting holes.



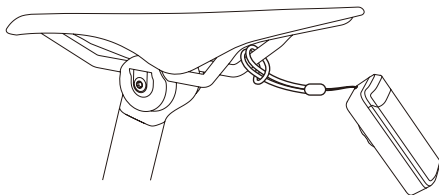
Install to seat tube

Before selecting a rubber pad, confirm the cross-sectional shape of your bike's seat post.



Install the lanyard

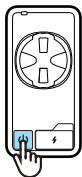
Use the lanyard to prevent equipment loss.



Operation

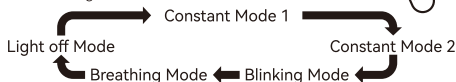
1 Power on / off

Press and hold the button to power on the L7. It will then resume its previous mode of operation. Press and hold the button again to power off.



2 Change lighting modes

Press the button to change tail lighting modes after turning on.



3 Indicator

The light color indicates the battery level.

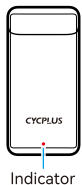
Green = Battery level >30%

Red = Battery level ≤30%

The light status indicates the working status of the radar..

Slow Blinking = Radar off

Constant = Radar on



Special Functions

1 Auto Sleep

L7 automatically sleeps after being stationary for 3 minutes and wakes up when moving again.

2 Brake Light

The tail lights illuminate brightly for 2 seconds when brakes are applied.

3 Flash Warning (Radar Required)

When a vehicle approaches rapidly (> 20kmh) from behind, the tail light will rapidly flash to warn the approaching vehicle.

4 Team Synchronization

Multiple L7 devices can synchronize their flashing frequencies if they meet the following conditions: they are within a certain distance of each other and set to the same lighting mode (blinking or breathing mode).

Cycling Computer Connection

- 1 Ensure your computer supports radar sensors. Check the sensor category for radar support or consult the brand's customer service.
- 2 Turn on the L7 and activate the radar (indicator stays solid). Search for the device in the computer's sensor menu and connect.

App

- 1 Please download "CYCPLUS" App in [App Store](#) or [Google Play](#).



CYCPLUS APP



App Store



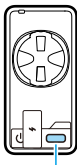
Google Play

- 2 Open the phone bluetooth, then you can connect to the L7 using the CYCPLUS APP to access additional settings. Please refer to the APP page for more details.
- 3 Using the CYCPLUS APP, you can update the firmware for the L7 to enhance your user experience.

***After updating the firmware, some of the L7's functions may differ from those in this manual. Please refer to the update instructions for more information.**

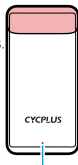
About Charge

This device is charged using a USB Type-C interface with a required input of 5V 1A. Please ensure to use the correct adapter for charging.



Charging Port

During charging, the indicator light flashes. When fully charged, the indicator light is constantly on in green.



Indicator

Specifications

Mode Name	Radar tail light L7
Product Size	76.5×37×25 mm
Product Weight	67g
Detection Distance	160 meters max
Detection Angle	Horizontal ±20° / Vertical ±10°
Detectable relative velocity	3 ~ 160 km/h
Battery	2000mAh 3.7V 7.4Wh
Charging Port	Type-C 5V 1.5A
Wireless Protocol	ANT+ / BLE5.0
Waterproof Rating	IPX6
Operating Temperature	0 ~ 50°C
Storage Temperature	-10 ~ 75°C

Product Optimization Notice

To continuously improve product functionality and user experience, we may make adjustments to the design, features, or accessories of the product. The actual item you receive may differ from the description in this manual. Please refer to the physical product as the final reference. We reserve the right to modify products without prior notice. Thank you for your understanding and support!

Manufacturer Information

Company:

Chengdu Chendian Intelligent Technology Co., Ltd.

Address:

No. 88, Tianchen Road, Chengdu, Sichuan, China

Warranty:

Free repair or replacement within 2 years for non-user-Induced damage.

Contact: steven@cycplus.com

CYCPLUS

产品合格证

Certificate of Conformity

型号 L7
Model Name

产品名称 雷达尾灯
Product Name Radar Tail Light

执行标准 Q/CDZN 002-2023
Implementation Standard

检验员
Inspector

检01
检验合格

产品经检验合格，准予出厂。

The product has been tested and
proved to be qualified for delivery.

成都晨电智能科技有限公司

Chengdu Chendian Intelligent Technology Co., Ltd.

FCC Statements

Model: L7
FCC ID: 2A4HX-L7

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- this device must accept any interference received, including interference that may cause undesired operation.

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.



FR
Cet appareil,
ses accessoires,
et batterie
se recyclent

À DÉPOSER
EN MAGASIN



À DÉPOSER
EN DÉCHÈTERIE



OU



R 219-259374

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

MADE IN CHINA