CooSpo TR70

COOSPO TR70 Smart Radar Bicycle Tail Light User Manual

Model: TR70 | Brand: CooSpo

Introduction

The COOSPO TR70 Smart Radar Bicycle Tail Light is designed to enhance cycling safety by providing advanced radar detection and intelligent lighting features. This manual provides instructions for setup, operation, and maintenance to ensure optimal performance and a safe riding experience.

What's in the Box

Upon opening the package, you should find the following items:

- COOSPO TR70 Smart Radar Bicycle Tail Light
- USB-C Charging Cable
- Safety Attachment Strap
- Mounting Bracket with various adapters (for round, D-shaped, and aerodynamic seatposts)
- User Manual

Setup

1. Charging the Device

The device is powered by a rechargeable battery. Before first use, fully charge the device. Use the provided USB-C cable to connect the device's charging port to a standard USB power source (e.g., computer, wall adapter). The charging indicator light will show the charging status. A full charge provides up to 40 hours of operation depending on the selected mode.



The COOSPO TR70 tail light positioned next to a large '50H' graphic, symbolizing its extended battery life of up to 40 hours in Radar Only mode.

2. Mounting the Device

The COOSPO TR70 features a tool-free quick mounting system compatible with most bicycle seatposts. Select the appropriate adapter for your seatpost type (round, D-shaped, or aerodynamic). Securely attach the mounting bracket to your seatpost, ensuring the device is positioned horizontally and facing directly backward for optimal radar performance. Attach the safety strap for added security.



A close-up view of the COOSPO TR70's quick-release mounting system, demonstrating its compatibility with round, D-shaped, and aerodynamic seatposts for easy installation on most bicycles.

3. Pairing with Cycling Computer or Smartphone

The device supports both Bluetooth and ANT+ connectivity for integration with cycling computers and the CoospoRide smartphone app.

- **ANT+ Connection:** For cycling computers (e.g., Coospo, Garmin, Wahoo, Bryton) that support ANT+, ensure the TR70 is powered on and follow your cycling computer's instructions to search for and pair with new sensors.
- **Bluetooth Connection:** Download the CoospoRide app to your smartphone. Enable Bluetooth on your phone, open the app, and follow the in-app instructions to connect to the TR70. The app allows for quick settings, firmware updates, and customization.



An illustration of the COOSPO TR70's dual ANT+ and Bluetooth connectivity, showing its integration with cycling computers and the CoospoRide smartphone app for real-time data tracking and customization.

Operating Instructions

1. Power On/Off

To power on the device, press and hold the power button until the indicator light illuminates. To power off, press and hold the power button again until the light turns off.

2. Radar Detection

The TR70 uses a high-precision millimeter-wave radar to detect approaching vehicles from up to 140 meters behind you. With a 40° detection angle, it provides accurate alerts even on curved roads. Alerts are transmitted to your connected cycling computer or smartphone app, typically displayed as visual cues or audible warnings.



An overhead view of a cyclist with the COOSPO TR70, illustrating its 140-meter radar detection range and 220-degree visibility, enhancing safety by alerting to approaching vehicles.

3. Intelligent Brake Light & Alarm

The tail light features an intelligent braking function. It automatically flashes when vehicles approach and illuminates brightly during sudden braking. Its 220° ultra-wide visibility ensures you are seen by drivers in various conditions, day or night, rain or shine.



The COOSPO TR70 tail light demonstrating its intelligent brake light function, which brightens during sudden braking, and its warning system for approaching vehicles, visible day and night.

4. Customizable Lighting Modes

The TR70 offers 7 customizable lighting modes to suit different riding environments and preferences. You can select from:

- Low Brightness
- High Brightness
- Breathing
- Day Flash
- Night Flash
- Group Ride
- Radar Only

Switch between modes using the CoospoRide app or your connected cycling computer.



A visual representation of the COOSPO TR70's seven customizable lighting modes, including Low, High, Breathing, Day Flash, Night Flash, Group Ride, and Radar Only, with approximate battery life for each.

Maintenance

1. Cleaning

Clean the device regularly with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the device's surface or internal components.

2. Water Resistance

The COOSPO TR70 is IP67 waterproof, meaning it is protected against dust and can withstand immersion in water up to 1 meter for 30 minutes. To maintain its water resistance, ensure the USB-C charging port cover is securely closed at all times when not charging.

3. Storage

When not in use, store the device in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge the battery to approximately 50% every few months to preserve battery health.

Troubleshooting

- **Device not turning on:** Ensure the battery is sufficiently charged. Connect the device to the USB-C charger and check if the charging indicator light appears.
- **Radar not detecting vehicles:** Check for any obstructions around the radar sensor. Ensure the device is mounted correctly and is not angled downwards or upwards excessively. Verify that the device is properly connected to your cycling computer or app.
- **Connectivity issues (Bluetooth/ANT+):** Ensure the device is within range of your cycling computer or smartphone. Try restarting both the TR70 and the connected device. Check for available firmware updates via the CoospoRide app, as updates can resolve connectivity problems.
- **Light not working or unresponsive:** Check the battery level. If the light is unresponsive despite a charged battery, try performing a factory reset. Refer to the CoospoRide app or CooSpo's official support resources for specific factory reset instructions.

Specifications

Feature	Specification
Brand	CooSpo
Model	TR70
Material	Plastic
Power Source	Rechargeable Battery
Water Resistance Level	IP67 Waterproof
Mounting Type	Seatpost Mount (Round, D-shaped, Aerodynamic compatible)
Number of Lighting Modes	7
Radar Detection Range	Up to 140 meters
Radar Detection Angle	40°
Visibility Angle	220°

Battery Life (Radar Only Mode)	Up to 40 hours
Connectivity	Bluetooth & ANT+
Weight	64g
Dimensions (Thickness)	23.5mm



The COOSPO TR70 tail light connected to its USB-C charging cable, highlighting the charging port.

Warranty and Support

Warranty information for the COOSPO TR70 Smart Radar Bicycle Tail Light is typically provided with your purchase documentation. Please refer to the warranty card or contact your retailer for specific details regarding warranty coverage and terms.

For technical support, firmware updates, and additional product information, please visit the official CooSpo website or utilize the CoospoRide smartphone application. The app provides a convenient way to manage your device settings and access support

resources.

Product Images



A detailed view of the COOSPO TR70 Smart Radar Bicycle Tail Light, showcasing its sleek design and red lens.



The COOSPO TR70 tail light attached to its versatile mounting bracket, ready for installation on a bicycle seatpost.

7 modalità di illuminazione per ogni pedalata

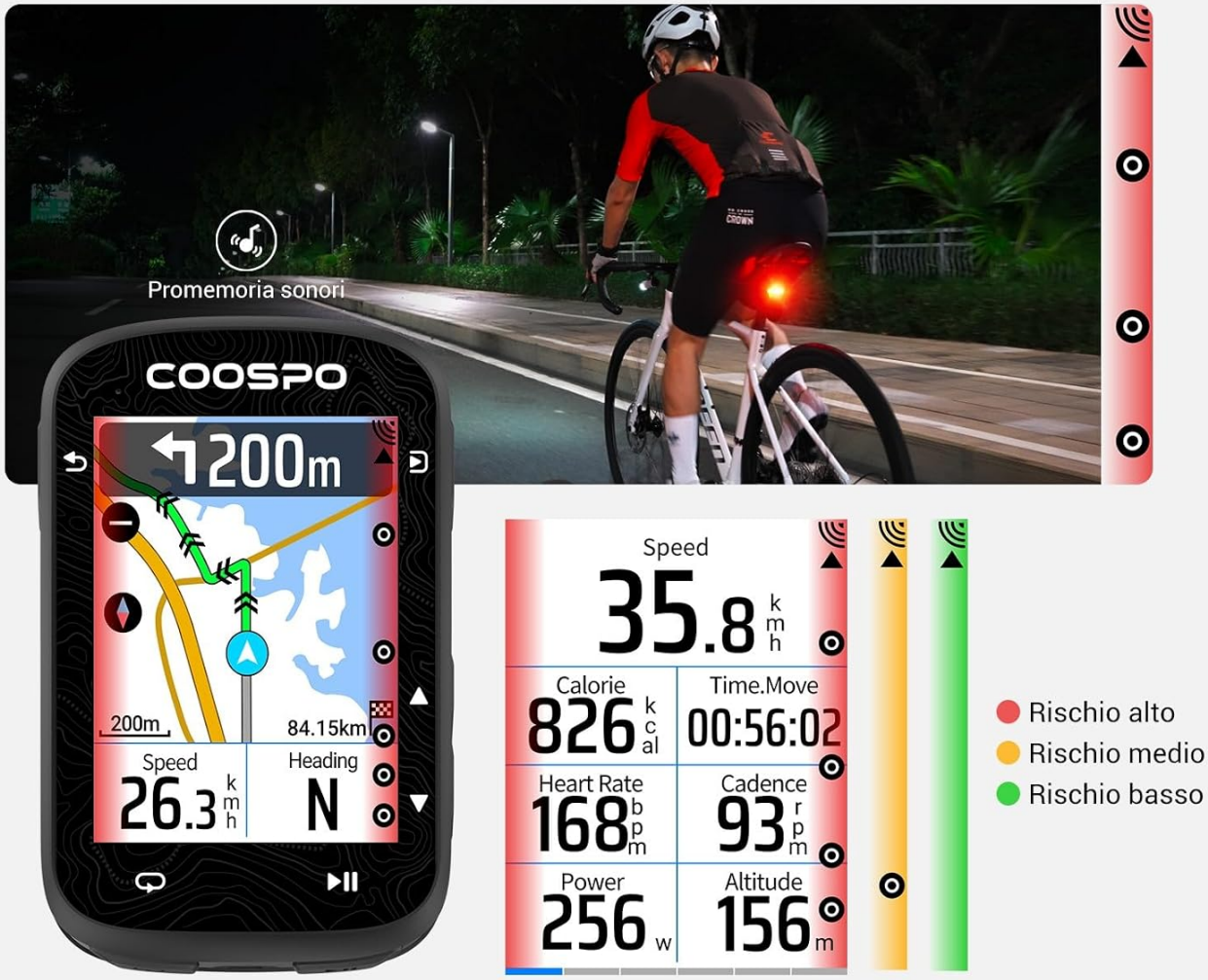
Da strade cittadine a sentieri di montagna,
scegli la modalità perfetta per una migliore esperienza.



The COOSPO TR70 tail light securely mounted on the seatpost of a bicycle, demonstrating its compact profile.

Avviso in tempo reale

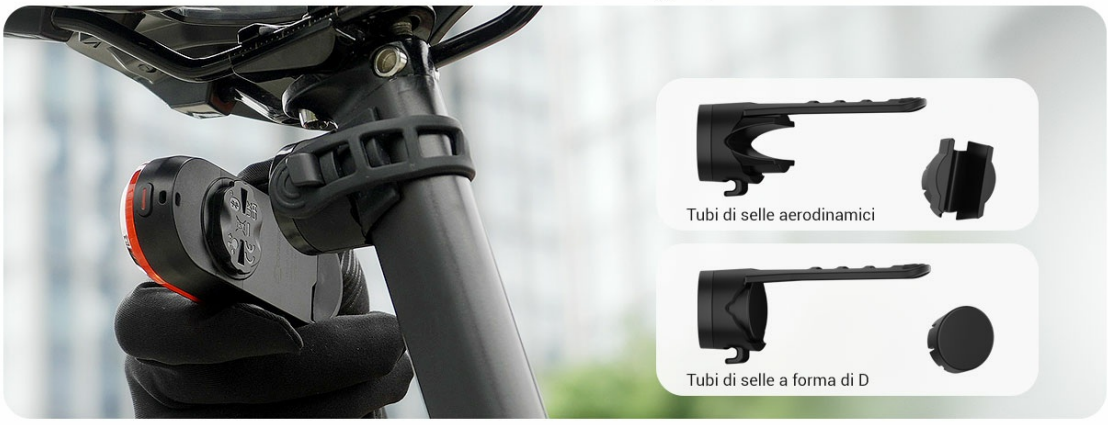
Rileva fino a 8 veicoli contemporaneamente



A hand holding the COOSPO TR70, illustrating its ergonomic shape and size.

Adattabile a qualsiasi bicicletta.

Montaggio e smontaggio facili con sistema di rilascio rapido – compatibile con tubi di selle rotondi, a forma di D e aerodinamici, si adatta alla maggior parte delle biciclette.



A composite image highlighting additional features of the COOSPO TR70, including its IP67 waterproof rating, convenient Type-C

charging port, and compact dimensions (23.5mm thickness, 64g weight).

Official Product Videos

No relevant official product videos from the seller were found in the provided data to embed in this manual.

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