



READ ENTIRE MANUAL BEFORE OPERATION to ensure proper use and care of your new Lezyne LED light. Traffic laws mandating lighting may vary in your country of residence. The user should ensure the product is used in compliance with all applicable local laws and regulations in their area.

Radar Drive rear  
FCC ID: 2AD4S-1LED43R  
IC: 20084-1LED43R  
CAN ICES-003(B) / NMB-003(B)

React Drive front  
FCC ID: 2AD4S-1LED43F  
IC: 20084-1LED43F  
CAN ICES-003(B) / NMB-003(B)

ANT+ compatible  
Bluetooth  
Smart

The Radar React System is a radar device equipped with Bluetooth® and ANT+® connectivity designed to enhance rider safety by increasing situational awareness on the road. The front and rear lights improve visibility, while the Radar communicates with compatible GPS cycling computers, smartphones and/or the React Drive front light to provide real-time vehicle detection alerts.

Lezyne Radar Ally

Scan for App

Scan for App

Dual Bluetooth® and ANT+® wireless system.

Connects to: Lezyne Radar Ally app,  
compatible ANT+® head units, React Drive front light.

Video Tutorial

Scan QR Code to watch the step-by-step video tutorial on how to set up and use the Radar React System.

### Warnings

This device is intended to enhance the situational awareness when used properly. If used improperly, you could become distracted by the display, which could lead to an accident, causing serious personal injury or death. Only access the information displayed on the device with a glance. Always maintain awareness of your surroundings and do not stare at the display or become distracted by the display. Focusing on the display could prevent you from avoiding obstacles or hazards.

- Do not look directly into LED beam or Shine LED beam into any eyes of another person. Doing so may cause injury.
- Device emits bright lights and flashes. Please consult your physician if you have epilepsy or are sensitive to bright or flashing lights.
- KEEP BATTERIES AWAY FROM CHILDREN. Never put batteries in the mouth or in any part of the body. Severe or fatal injuries can occur within 2 hours. Seek medical attention immediately.
- IPX7 water resistance rating under IEC standard 60529.
- Submerging the device is not recommended. If moisture enters light housing – air out until completely dry.
- There can be no obstructions blocking the rear radar light for radar function to work as designed.
- DO NOT ATTEMPT TO REMOVE ELECTRONICS. Doing so will void warranty.
- Failure to follow these instructions could cause personal injury and / or physical damage to equipment or surroundings.

### Battery Warnings

**WARNING!** This product contains a Lithium-ion battery. If these warnings are not followed, batteries may experience a shortened life span, may present a risk of fire, chemical burn, electrolyte leak, damage to the device, and/or personal injury.

- Do not short circuit terminals, over charge the battery or force discharge.
- Do not expose the battery to fire, explosion, or other hazards.
- If the battery becomes excessively hot, emits an odor, or shows signs of damage, **stop use immediately**.
- Charging Temperature range: 0 °C to 45 °C (from 32 °F to 113 °F)
- Operating Temperature range: 10 °C to 45 °C (from 54 °F to 113 °F)
- Do not store the device or battery in direct sunlight or near a heat source. Battery life and battery health may be adversely affected by extreme temperatures over 60 °C or 140 °F.
- It is the customers responsibility to ensure the device is within the approved operating temperature range.

### Charging and Operation Warnings

- Do not charge the device or battery if it is frozen or below 0 °C (32 °F).
- Do not cover the charger or device while charging, as this can cause overheating.
- If the battery becomes excessively hot, emits an odor, or shows signs of damage, **stop use immediately**.
- Charging Temperature range: 0 °C to 45 °C (from 32 °F to 113 °F)
- Operating Temperature range: 10 °C to 45 °C (from 54 °F to 113 °F)
- Do not store the device or battery in direct sunlight or near a heat source. Battery life and battery health may be adversely affected by extreme temperatures over 60 °C or 140 °F.
- It is the customers responsibility to ensure the device is within the approved operating temperature range.

### Device Care

- Store device or battery in a cool, dry place with good ventilation.
- Clean with water and a soft cloth for best results.
- Do not use a rough cloth or any material that can scratch the optical lens. Scratching the optical lens can cause poor radar performance.
- Avoid the contact of chemical cleaners, solvents, sunscreen, insect repellents that can damage plastic or rubber components.
- Avoid storing batteries in enclosed or airtight spaces where heat can build up, as this can increase the risk of overheating.
- Risk of irritation occurs only if the cell is mechanically, thermally or electrically abused to the point of compressing the enclosure.
- If this occurs, irritation to the skin, eyes and respiratory track may occur. Seek local medical attention if this is the case.
- For disposal / recommendation: observe local, state and federal law and regulations.

### Warranty

Do not remove or attempt to remove the battery. Disassembling device will void warranty.

In U.S. and U.K., Lezyne LED Lights carry a two (2) year warranty from the original purchase date to the original owner (proof of purchase required). Lezyne Batteries carry a six (6) month warranty from the original purchase date. Lezyne warranties cover any manufacturing defects in materials or workmanship. Issues not covered by warranty include normal wear & tear, improper installation, attempting to access or modify electronics, damage or failure due to accident, misuse, abuse and/or neglect. For any warranty issues worldwide, please contact the retailer that sold the product.

For any warranty questions contact: [warranty@lezyne.com](mailto:warranty@lezyne.com)

### Other

- If the LED emitters fail or no longer function, discontinue use of the light. Refer to Warranty section for service options.
- CA PROPOSITION 65 WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (California law requires this warning to be given to customers in the State of California). For more info: [www.lezyne.com/propp65](http://www.lezyne.com/propp65)

### Radar Detection

- This device can improve situational awareness. It is not a replacement for a cyclist's attentiveness and good judgement. Always maintain awareness of your surroundings and operate a bicycle in a safe manner. Failure to do so could result in serious injury or death.
- The Radar detects approaching vehicles up to 150 meters (164 yards) away.
- The Radar detects approaching vehicle speed from 8 to 131 Km/h (5 to 81 mph) relative to rider speed. **NOTE: The radar does not detect vehicles traveling at the same speed as the rider.**
- The radar beam angle width is 35 degrees. It provides radar coverage for typical bends in the road.
- Radar detection is designed for an outdoor setting. Radar detection does not work indoors or when not properly mounted to a bike. False alerts can be triggered by detection oversaturation when mounted improperly or used indoors.
- Make sure Radar Drive lens is clear of any dirt or debris as it can affect detection performance.
- There can be no obstructions blocking the Radar Drive taillight, e.g. tire, fenders and/ or saddle bags.
- On very curvy and/or hilly roads, the device signal and performance can get interrupted by the physical blocking of the signal and not being able to see the target.
- NOTE: Radar has to have a clear line of sight to display the target alerts.**
- Be sure to follow all local rules and regulation regarding the use of bike lights when using the Radar React System.

### Viewing Radar on Lezyne Radar Ally App

Lezyne Radar Ally

Scan for App

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**Settings / App Function:**

React Drive front light back cap brightness control

React Drive On / Off

React Drive MODE Control

AppDevice settings menu

Radar Drive On / Off

Radar Drive MODE Control

While on a ride with vehicles approaching from behind and your Radar Drive is paired to the Lezyne Radar Ally app, the Radar information is shown as moving car icons in the app screen. These car icons dynamically move up the app screen depending on position and velocity to you as a rider.

The vehicle position of the cars moves up the screen as a vehicle gets closer to you on your bike. The threat level banner on the sides changes colors based on the potential threat level of the car approaching you from behind.

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