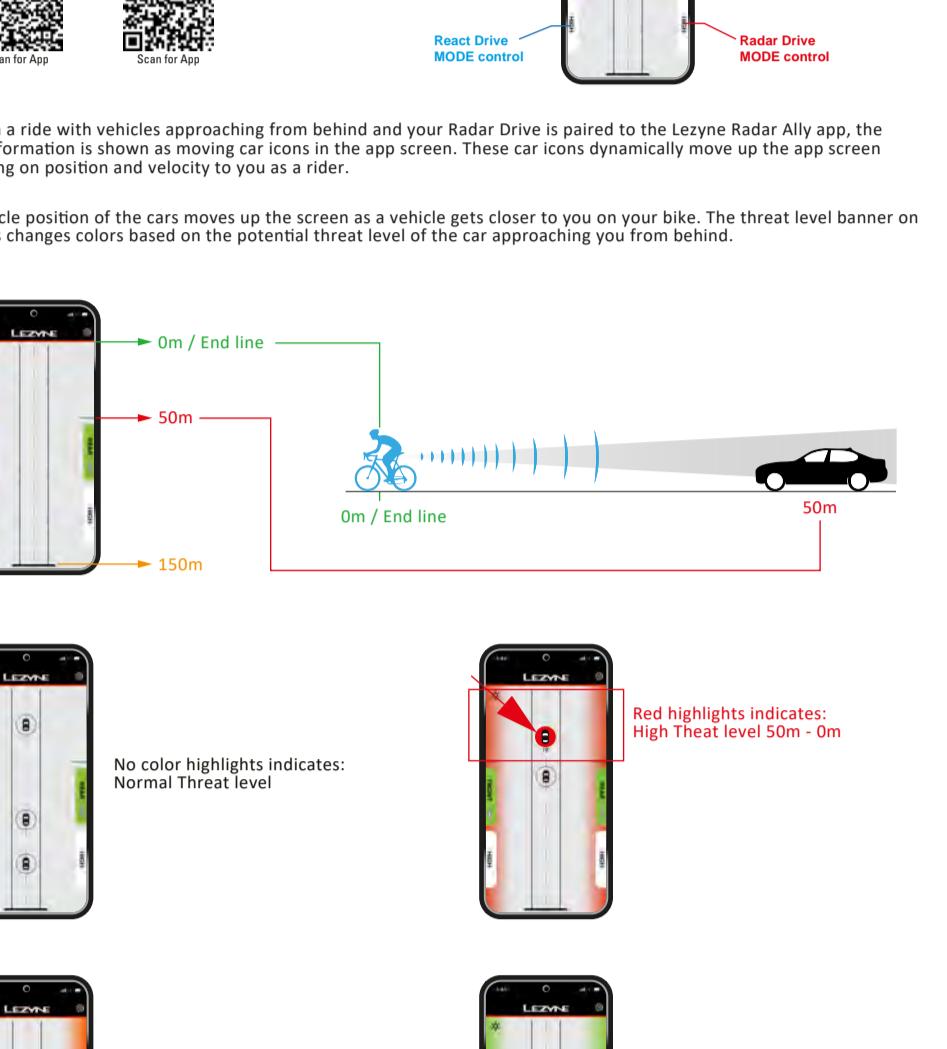
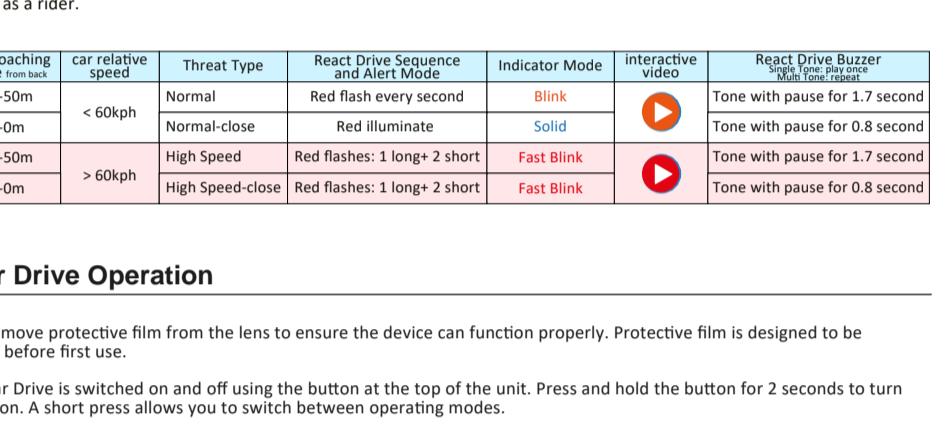
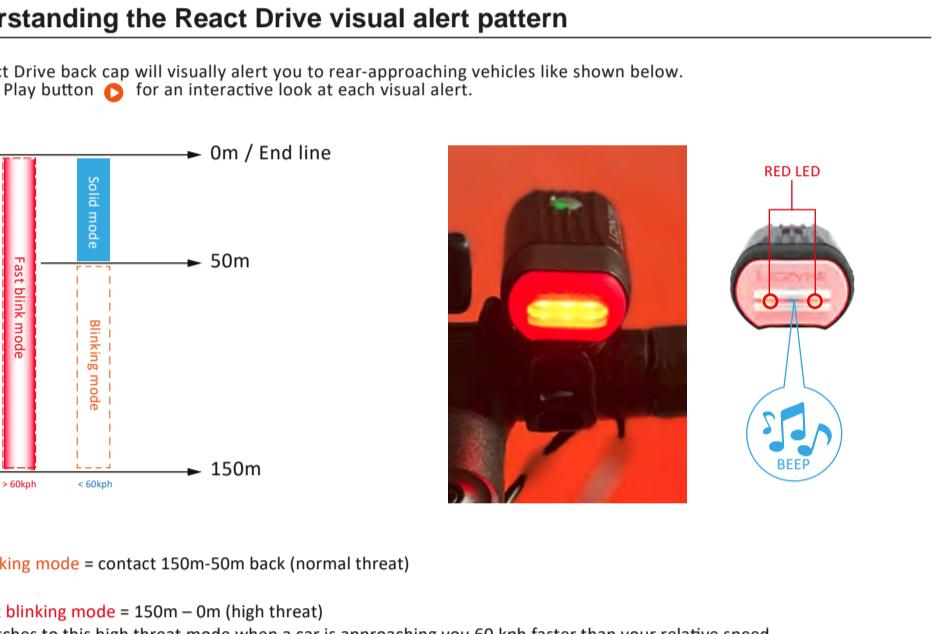


READ ENTIRE MANUAL BEFORE OPERATION to ensure proper use and care of your new Lezyne LED light. Traffic laws mandating lighting may vary in your country of residence. The user should ensure the product is used in compliance with all applicable local laws and regulations in their area.



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.



## 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 information displayed on the device with a glance. Always maintain awareness of your surroundings and do not stare or become distracted by the display. Overreliance on the display could prevent you from avoiding obstacles or hazards.

- Do not look directly into the LED beam or Shine LED beam into any eyes of another person. Doing so may cause injury, blindness or permanent eye damage.
- Device emits bright lights and flashes. Please consult your physician if you have epilepsy or are sensitive to bright or flashing lights.
- KEEP CHILDREN 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, battery may experience a thermal runaway, which may present a risk of fire, chemical burn, or electrolyte leak, burn, 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.
- Do not ingest, insert, swallow or lick any part of the battery. Seek immediate medical attention if any is suspected. Can lead to severe internal damage.
- Do not expose the battery to direct sunlight or ordinary trash or be incinerated - best disposal method is recycling in accordance with government, state and local regulations.
- Avoid exposing to humid conditions for extended period of time.
- Avoid mechanical or electrical abuse - do not let the battery or its housing be physically damaged.
- Avoid storing battery in enclosed or air-tight spaces where heat can accumulate, as this can increase the risk of overheating. Heat can occur, limit the skin, eyes and respiratory tract may occur. Seek local medical attention if this is the case.
- For disposal recommendation: observe local, state and federal law and regulations.

## Charging and Operation Warnings

- Do not charge the device or battery if it is frozen or below 0 °C (32 °F).
- Do not charge the device or battery if it is overheating.
- If the device becomes frozen or overheats from an external source, do not expose the device to direct sunlight or heat.

• Charging Temperature range: 0 °C to 45 °C (from 32°F to 113°F).

• Operating Temperature range: -20 °C to 10 °C (from -4°F to 50°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 (140°F).

• It is the customer's 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.
- Never use a high-pressure hose or air nozzle to clean the device.
- CAUTION - Radar React and Smart Connect lights can be manually switched on through the phone app. USE CAUTION NOT to accidentally switch on device when stored away.

## 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 all warranty questions worldwide, please contact the retailer that sold the product.

## Other

- California Prop 65: This device contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (California law now requires this warning to be given to customers in the State of California). For more info: [www.lezyne.com/prop65](http://www.lezyne.com/prop65)

## 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 alarms can be triggered by rain, detection over saturation or if mounted improperly or used indoors.

• Make sure Radar Drive lens is clear of any dirt or debris as it can affect detection performance.

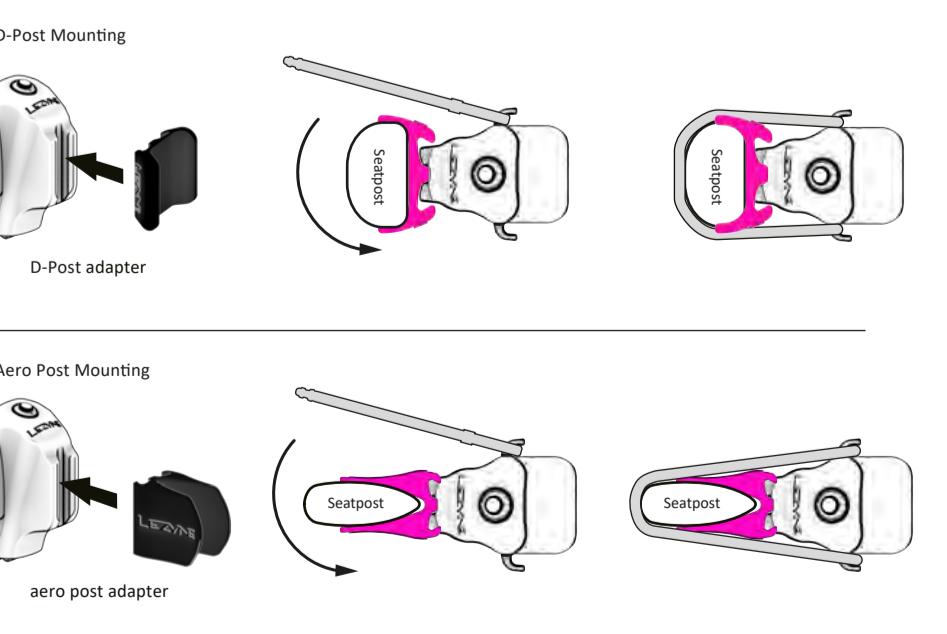
• There can be no obstructions blocking the React Drive taillight (e.g. tire, fenders and/or saddle bags).

• On very curves and/or hilly roads, the device's radar signal 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.

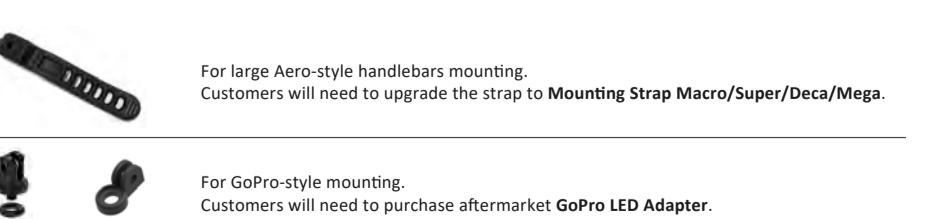
• Be sure to follow all local rules and regulation regarding the use of bike lights when using the Radar React System.

## Viewing Radar on Lezyne Radar Ally App



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 on 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.



Orange highlights indicate: High threat level 150m - 50m

Green highlights indicate: All Clear

## Viewing Radar on GPS Device

Radar Drive is compatible with GPS cycling computers that support ANT+ Radar and/or ANT+ Light controls. Please review your manufacturer's directions on how to pair and use ANT+ Radar devices and/or ANT+ Lighting devices.

Once paired with your compatible ANT+ device, you will be able to get live radar notifications through your GPS cycling computer.

NOTE: If you have connected your Radar React System (front and rear lights) to an ANT+ bike computer, you will still need to pair them together in the Radar Ally app to establish the Bluetooth connection in order to receive vehicle detection alerts from your Radar React System. This is a one time setup.

## Viewing radar vehicle alerts on React Drive

You can receive visual and audio alerts from your React Drive front light when paired with a Radar Drive. When the two are connected via Bluetooth, the React Drive will automatically turn on the React Drive front light and the Radar Drive will automatically turn on the React Drive rear light.

The React Drive must be paired with the Radar Drive via Bluetooth® using the Radar Ally app to establish the connection between the lights. Once the connection with your phone with the app is established, the bike is able to use the light.

To use your Radar React System without a phone or GPS cycling computer, both front and rear lights must be turned on for the system to function.

• CAUTION - Radar React and Smart Connect lights can be manually switched on through the phone app. USE CAUTION NOT to accidentally switch on device when stored away.

## Understanding the React Drive visual alert pattern

Click the Play button for an interactive look at each visual alert shown below.

The React Drive back cap will visually alert you to rear-approaching vehicles like shown below.



1. Blinking mode = contact 150m-50m back (normal threat level)

2. Fast blinking mode = 150m-0m mode when a car is approaching you 60 kph faster than your relative speed.

Switches back out of this mode if approaching a car speed drops to 45 kph relative to your speed.

3. Solid mode = 50m-0m (contact directly behind you). Switches to solid illumination for a contact that is within 50 meters of a rider.

• Solid as a rider.

• React Drive lens is clear of any dirt or debris as it can affect detection performance.

• There can be no obstructions blocking the React Drive taillight (e.g. tire, fenders and/or saddle bags).

• On very curves and/or hilly roads, the device's radar signal 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.

## Radar Drive Operation

The Radar Drive is a compact device that can be easily mounted to your bike. It is designed to be paired with the React Drive.

The Radar Drive is switched on and off using the button at the top of the unit. Press and hold the button for 2 seconds to turn the light on. A short press allows you 5 seconds until LED flashes then release to turn the light and radar system off.

Press and hold the button for 2 seconds: the light, radar function, Bluetooth®, and ANT+® will turn off.

NOTE: If the LED button is held for 2 seconds, the light will turn on.

Press and hold the button for 2 seconds: the light, radar function, Bluetooth®, and ANT+® will turn off.

NOTE: If the LED button is held for 2 seconds, the light will turn on.

Press and hold the button for 2 seconds: the light, radar function, Bluetooth®, and ANT+® will turn off.

NOTE: If the LED button is held for 2 seconds, the light will turn on.

When the light is Off:

• Press and hold the button for 2 seconds: the light, radar function, Bluetooth®, and ANT+® will turn off.

• Press and hold the button for 2 seconds: the light, radar function, Bluetooth®, and ANT+® will turn off.

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