





SINCE THE ADVENT OF THE BICYCLE,

some centuries ago, its basic purpose has remained constant: a two-wheel human powered vehicle that transports a subject from point A to point B. It's that simple. Along the way, more gears have been added, frames have evolved into carbon works of art and everything has been aerodynamically optimized—but ultimately, it's still just a bike. Everyday, millions of people take advantage of its simple efficiency, using it for commuting, fitness, pleasure and competition. Conversely, the world around the bicycle is evolving at a frantic pace.

The digital age has our lives connected through the internet and smartphones. Everyone is seemingly "plugged in," and their devices are relied upon daily for up-to-the-minute information and networking. Whether it's for business or pleasure, the need to be connected is now a way of life. In cycling, computers are also evolving. They're currently used for training purposes and ride data. One unit can now simultaneously display its user's power output, speed, distance, heart rate, etc. through GPS and wireless technologies. It's an essential tool for nearly all cyclists.

[And the next generation is here: Lezyne GPS](#)

At Lezyne, we wanted to capture the simplicity and elegance of the bicycle in a GPS computer and still stay connected to the modern world.

[This is Lezyne. This is Engineered Design.](#)



Actual Size

INTRODUCING THE SMALLEST CYCLING GPS DEVICE IN THE WORLD



TEAM OPTUM PRO CYCLING P/B KBS, USA

The elegant **Mini GPS** is compact, powerful and ideal for the cycling minimalist. Simply turn it on, press start and go for a ride. Essential ride data is presented on a sharp, easy to read, semi-customizable display and logged for later analysis. The display also features auto-scrolling ride info, custom lap presets and an optional auto start/stop function. An optimized GPS recording system stores up to 100 hours of data and can be easily accessed via flash drive technology. Rides are saved as .fit files for cross-compatibility with third-party interfaces like Strava™ and TrainingPeaks®. Housed in a stylish aluminum bezel, the computer features a simple three-button operation and is micro USB rechargeable for up to 10 hours of runtime.



FEATURES:

- The smallest and lightest cycling GPS computer available (30 grams)
- No sensors required
- Ultra sharp, easy to read and semi-customizable display with backlight
- Elegant, machined aluminum bezel
- Simple three button operation
- Optimized GPS recording stores up to 100 hours of data
- Scrolling data ticker and auto start/stop functions
- Custom lap presets
- Up to 10 hours of runtime
- Micro USB rechargeable
- Includes X-Lock Standard Mount

CONNECTIVITY:

- Upload directly to GPS Root website for ride organizing and analysis
- Instant download of ride files (.fit) via plug-and-play flash drive technology (Windows®/Mac®)
- Compatible with third-party sites like Strava and TrainingPeaks

DISPLAY DATA:

- Moving time, ride time, elapsed time
- Distance: Current, Trip Total, Odometer
- Speed: Current, Average, Max.
- Elevation: Ascent, Descent, Current
- Laps
- Temperature
- Time: Ride Time, Clock
- GPS signal strength
- Battery life indicator

DIMENSIONS:

- Computer 33.4mm (W) x 50.8mm (L) x 22.5mm (H)
- Screen: 20.9mm (W) x 24.4mm (L)





Actual Size

THE NEXT GENERATION OF POWER

The **Power GPS** is a robust cycling computer which will synch with Bluetooth Smart enabled iOS and Android devices. Once paired, the Power GPS will briefly display incoming texts, emails and phones calls. Now cyclists can conveniently stay updated and connected with family, work and friends while out on a ride. A large, sharp display shows up to four data fields, with the bottom field formatted for auto scrolling or manual navigation. Accurate and reliable ride details are displayed courtesy of an advanced GPS/Glonass chip that receives both US and Russian satellite signals. Four buttons operate the Power GPS, and its lightweight design is enhanced by an elegant aluminum bezel. Furthermore, it is micro-USB rechargeable, runs for up to 22 hours and can record 200 hours of data.



ERIC PORTER, USA



FEATURES:

- Large, easy to read display with backlight
- Elegant, machined aluminum bezel
- Advanced, low power chip combines GPS and Glonass which reads USA and Russian satellites for ultra reliable data collection
- Bluetooth® Smart (BLE) connectivity
- Intuitive four button operation
- Lithium polymer battery provides up to 22 hours of runtime
- Micro USB rechargeable
- Optimized GPS recording stores up to 200 hours of data
- Auto Start/Stop
- Custom lap presets
- Weight: 76 grams
- Includes X-Lock Standard Mount

CONNECTIVITY:

- Receive text, email and phone call notifications when paired with Bluetooth Smart enabled iOS or Android devices
- Upload directly to GPS Root website for ride organizing and analysis
- Instant download of ride files (.fit) via plug-and-play flash drive technology (Windows/Mac)
- Compatible with third-party sites like Strava and TrainingPeaks
- Pairs with Bluetooth Smart equipped heart rate, cadence/speed and power sensors
- Synch rides via Bluetooth to the Lezyne Ally phone app

DISPLAY DATA:

- Heart Rate*
- Cadence/Speed*
- Power*
- Speed: Current, Average, Max.
- Distance: Current, Trip Total, Odometer
- Time: Ride Time, Clock
- Laps
- Elevation: Ascent, Descent, Current
- GPS signal strength
- Battery life indicator
- Semi-customizable display: Two, Three or Four fields
- Manually choose bottom field, or set to auto scroll

DIMENSIONS:

- Computer 46.5mm (W) x 73.2mm (L) x 27mm (H)
- Screen: 30.4mm (W) x 37.8mm (L)

*Bluetooth Smart only



Actual Size

SUPER ADVANCED: SUPER GPS

The **Super GPS** is truly a super computer. It simultaneously utilizes ANT+™ and Bluetooth Smart, allowing for synchronization with iOS/Android devices, power meters, heart rate straps and speed/cadence sensors. Notification of incoming phone calls, texts and emails (with actual message text) are displayed on the computer's large, sharp monitor, along with power, heart rate and all other important ride details. Advanced GPS information provides reliable and accurate ride data and is easily navigated with four buttons. The micro USB rechargeable unit is secured in a chic aluminum bezel and can record up to 400 hours of ride info. Rides are saved as .fit files (compatible with Strava and TrainingPeaks) and easily transferable via flash drive technology or through the Lezyne Ally phone app.



FEATURES:

- Large, easy to read display with backlight
- Elegant, machined aluminum bezel
- Advanced, low power chip combines GPS and Glonass which reads USA and Russian satellites for ultra reliable data collection
- Simultaneous ANT+™ and Bluetooth Smart (BLE) connectivity
- Intuitive four button operation
- Lithium polymer battery provides up to 22 hours of runtime
- Micro USB rechargeable
- Optimized GPS recording stores up to 400 hours of data
- Auto Start/Stop
- Custom lap presets
- Weight: 76 grams
- Includes X-Lock Standard Mount

CONNECTIVITY:

- Receive text, email and phone call notifications when paired with Bluetooth Smart enabled iOS or Android devices
- Upload directly to GPS Root website for ride organizing and analysis
- Instant download of ride files (.fit) via plug-and-play flash drive technology (Windows/Mac)
- Compatible with third-party sites like Strava and TrainingPeaks
- Reads Bluetooth Smart or ANT+ equipped heart rate, cadence/speed and power sensors
- Synch rides via Bluetooth Smart to the Lezyne Ally phone app

DISPLAY DATA:

- Heart Rate*
- Cadence/Speed*
- Power*
- Speed: Current, Average, Max.
- Distance: Current, Trip Total, Odometer
- Time: Ride Time, Clock
- Laps
- Elevation: Ascent, Descent, Current
- GPS signal strength
- Battery life indicator
- Semi-customizable display: Two, Three or Four fields
- Manually choose bottom field, or set to auto scroll

DIMENSIONS:

- Computer 46.5mm (W) x 73.2mm (L) x 27mm (H)
- Screen: 30.4mm (W) x 37.8mm (L)

*Bluetooth Smart or ANT+

			
	MINI GPS	POWER GPS	SUPER GPS
Dimensions [W x L x D]	33.4mm x 50.8mm x 22.5mm	46.5mm x 73.2mm x 27mm	46.5mm x 73.2mm x 27mm
Display [W x L]	20.9mm x 24.4mm	30.4mm x 37.8mm	30.4mm x 37.8mm
Weight	30g	76g	76g
Battery	Rechargeable 290mAh Lithium Polymer	Rechargeable 900mAh Lithium Polymer	Rechargeable 900mAh Lithium Polymer
USB Rechargeable	Yes	Yes	Yes
Battery Life	Up to 10hrs	Up to 22hrs	Up to 22hrs
GPS Chip	GPS	GPS/Glonass	GPS/Glonass
Memory	64Mb	128Mb	256Mb
Recording Time	Up to 100hrs	Up to 200hrs	Up to 400hrs
Bluetooth 4.1 BLE	No	Yes	Yes
ANT+	No	No	Yes
iOS (iPhone®)/Android™ Connectivity	No	Yes	Yes
SMS Text	No	Yes	Yes
Email Notification	No	Yes	Yes
Call Alerts	No	Yes	Yes
Mulitple Screen Views	Yes	Yes	Yes
Auto Scroll [scrolls through bottom field]	Yes	Yes	Yes
Auto Start/Stop [starts and stops ride time based on speed]	Yes	Yes	Yes
Lap Preset [starts a new lap]	Yes	Yes	Yes
Auto Backlight	Yes	Yes	Yes
Alerts - Distance [set a distance alert]	Yes	Yes	Yes
Alerts - Time [set a ride time alert]	Yes	Yes	Yes
Alerts - Calories [set a calorie goal]	Yes	Yes	Yes
Heart Rate	No	Yes [BLE Compatible]	Yes [BLE or ANT+]
Cadence/Speed	No	Yes [BLE Compatible]	Yes [BLE or ANT+]
Power Meter	No	Yes [BLE Compatible]	Yes [BLE or ANT+]
Altimeter	Yes	Yes	Yes
Temperature	Yes	Yes	Yes
Universal X-Lock Standard Mount for Stem/Handlebars	Yes	Yes	Yes

iPhone is a registered trademark of Apple, Inc. Android is a trademark of Google, Inc.

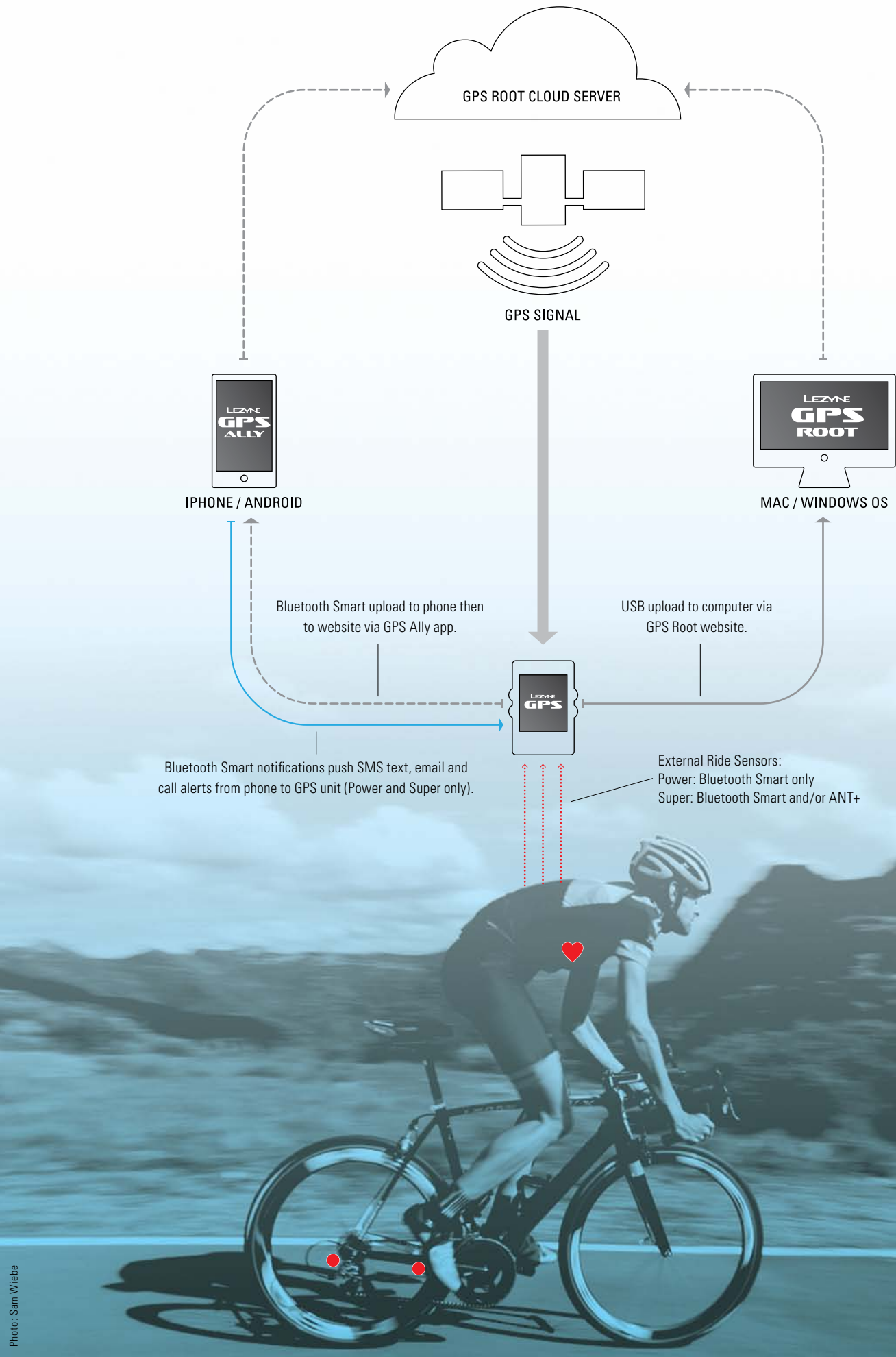
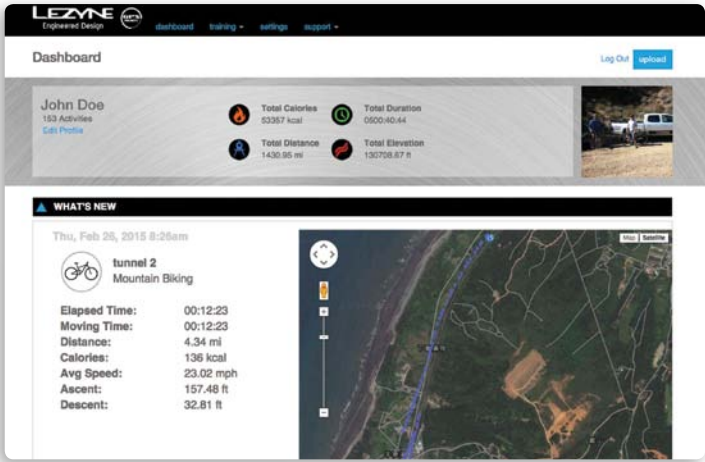
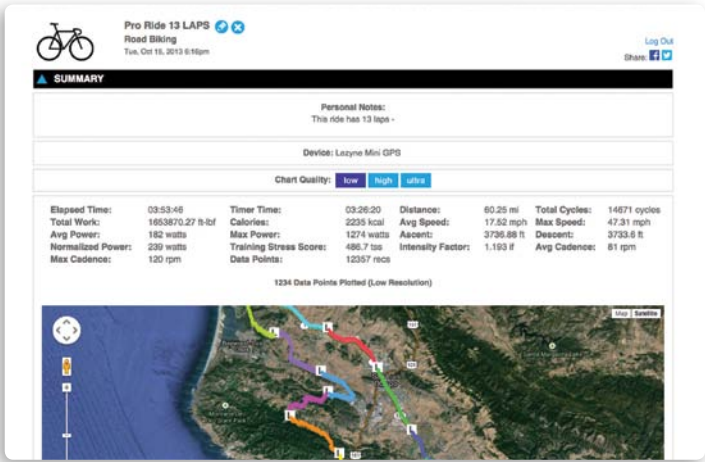


Photo - Sam Wiebe



The dashboard shows the most recent ride, with sortable, user friendly view options.



After selecting a ride, details are listed for quick reference, and the ride is plotted out over a navigable map.



Detailed ride data can be viewed in the website's graphs. Each channel of data can be turned on or off, and information can be analyzed up to the second with the graph's high-zoom capabilities.



GPS ROOT FEATURES:

Simple plug-and-play uploading with Lezyne GPS computers

View instant ride overview:

- Elapsed Time
- Moving Time
- Average Speed
- Max Speed
- Distance
- Calories
- Ascent
- Descent

Analyze all the channels of ride data in detailed, easy to read graphs displaying:

- Power
- Heart rate
- Speed
- Cadence
- Elevation
- Temperature

Manually overlay channels, or view separately

Navigable map shows ride details and lap points

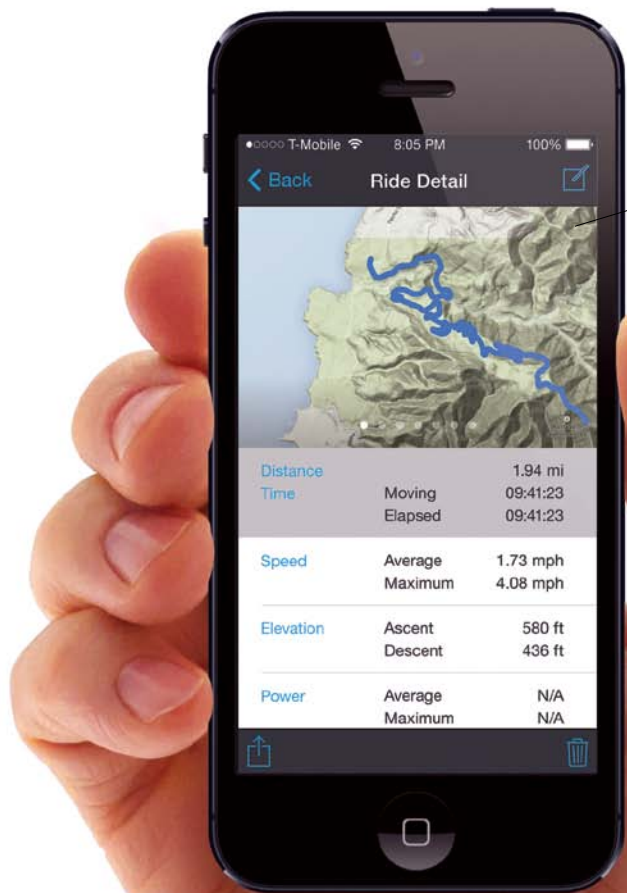
Map GPS data points can be viewed in Low, High or Ultra resolution

On the dashboard, ride history can be viewed in multiple formats for quick searching

A cleanly laid out calendar displays past rides for easy reference



GPS Root is a user-friendly website created to organize and analyze ride and training information. Ride data can be uploaded directly from any Lezyne GPS computer and then shared (optional) on Facebook® or Twitter®. Examine route details in low, high or ultra resolution in the map feature and view specific training information for comprehensive evaluation.



Instantly view and analyze rides with the Lezyne Ally app.



Download the app for free on any Bluetooth Smart iOS or Android device and create a personal profile. Rides can then be shared with friends through Facebook or Twitter. Pair it with any Lezyne Power or Super GPS computer and get on-the-bike phone, email and text notifications.



GPS ALLY FEATURES:

Receive wireless notifications:

- SMS Text
- Email
- Phone Calls

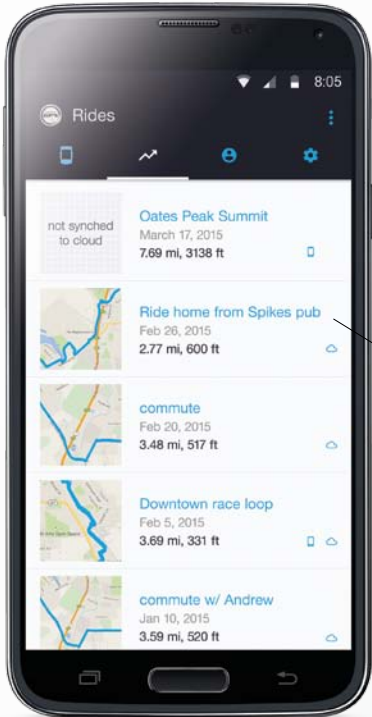
Push Ride Data back to the phone app

- Link with Lezyne GPS ROOT webpage
- Analysis of ride data
- Instantly share your ride on popular social networks like Facebook® and Twitter®

Instant ride overview:

- Distance
- Time
- Speed
- Elevation
- Power
- Heart Rate
- Cadence
- Temperature

Easy to read charts and detailed map navigation



Directly upload rides from Lezyne Power and Super GPS devices to the Ally app via Bluetooth technology. Once imported, rides can be manually edited and managed, and they will automatically synch with the Root website.

The **GPS Ally** is more than just an app; it's the centerpiece of our interactive GPS platform. Using Bluetooth Smart technology, saved rides can be seamlessly synchronized to the app from the Lezyne Power and Super GPS units and subsequently analyzed at the Lezyne Root website. The app can also communicate with the Power and Super GPS computers, sending notifications of incoming phone calls, text and/or emails. It's the next generation of the cycling app; keeping the rider organized and in touch with life while out for a pedal.





Each GPS unit comes with a Standard GPS Mount. Included are two sets of o-rings (two diameters), plus a backup o-ring in each size, a rubber shim and an X-Lock composite mounting bracket.



The rubber shim supports the X-Lock mount which is engineered to attach at any 90° angle and still allow the computer to be mounted forward. The two super durable o-rings secure it to the bar, and the patent-pending X-Lock design will prevent the computer from being knocked out.



The X-Lock securely fastens the GPS computer to the mount by pressing down at a 45° angle and rotating it forward until it “locks” into place.



The **X-Lock** is a secure and reliable mounting feature integrated into the Standard GPS Mount and the Forward GPS Mount. It safely locks in the computer for worry-free riding over any type of terrain.



Stiff and durable composite matrix construction with secure X-Lock computer mount.



Hinged handlebar mount, with integrated rubber shim. Pressed in stainless steel nut and 3 mm hex stainless steel bolt.



Sleek, lightweight design positions the GPS computer in front of the stem for better visibility and improved aerodynamics.

Making the impossible possible.

To meet the objectives we outlined for our GPS computers, it took over two years for our in-house R&D team to achieve the expectations we set forth. Simply creating another bike computer was not an option; we wanted to redefine the cycling GPS category. This would require our team to build the computers from the ground up, and, in their words, "Make the impossible possible."

Each element of each computer had to be designed and generated from scratch. Prototype software had to be sourced in order for the communication of the devices to work as we envisioned. Algorithms were implemented, custom antennas were built and every pixel in each symbol on the screen was carefully calculated. Over 35 revisions of the body were made to accommodate the constantly changing circuit board design. Proprietary code was developed to enable the computers to simultaneously pair with apps, power meters and heart rate monitors. The list goes on...

And this just scratches the surface of the challenges our electrical engineers, mechanical engineers, software engineers and graphic designers were faced with. Not to mention the tens of thousands of accumulated miles spent testing the devices. Yet, with each milestone reached—like the first communication with a satellite in space, or seeing the first text message notification—the final product still had to have the look and feel of a Lezyne product.

Welcome to the next generation of GPS.

This is Lezyne. This is Engineered Design.



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