YEAR 10 LEZYNE

GPS MANUAL
LEZYNE

MINI
MACRO
MICRO
SUPER
MICRO C

Information

For more information on Lezyne products, visit: http://lezyne.com

WEEE Notice & Product Disposal:

The symbol of the crossed waste container means that, in accordance with2002/96/EC Waste Electrical and Electronic Equipment Directive (WEEE),once the product reaches the end of its lifecycle, in the European Union it is subject to special waste disposal. In addition to the present device, this rule is also applied to all items carrying such a symbol. Do not dispose of these products as undifferentiated urban waste but put away for material differentiated recycling.
CE RF Compliance—Meets the EU Requirements:
The equipment complies with the RF Exposure Requirement 1999/519/EC, Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0–300 GHz). Changes or modifications to this product not authorized by the manufacturer could void the EMC compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices. We, hereby, declare that this cellular, Wi-Fi radio is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Products with CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms (in parentheses are the equivalent international standards).
FCC & IC User Warning Notice:
Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.

Labeling Requirement Notice:

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
FCC:
1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator
IC:
This device complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual.
The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Lezyne is a trademark of Lezyne USA, Inc. and registered both in the United States and internationally Any unauthorized use is expressly prohibited
Bluetooth ®is a trademark of Bluetooth SIG, Inc,
ANT+™ is a trademark of Dynastream Innovations, Inc.
The term Strava, the Strava logos and product and service names are the exclusive trademarks of, and are owned by, Strava Inc
Shimano ™is a trademark of Shimano Inc

Warranty

Lezyne GPS devices carry a one (1) year warranty from the original purchase date to the original owner (proof of purchase is required.) This warranty covers materials and manufacturing defects on the GPS housing, electronics, and the mounting bracket supplied. Issues not covered by the warranty include normal wear and tear, consumable parts, such as batteries, unless product damage has occurred due to defect in material or manufacturing, improper installation, attempting to access electronics, modifying electronics, damage or failure due to accident, misuse, abuse, or neglect.

Because of possible user resealing error of the USB port, this product is not warrantied against water in the housing from improper sealing or any resulting damage. Please review and follow the instructions carefully when sealing the housing.

This product is intended to be used only as a cycling aid and must not be used for any purpose requiring precise measurement of direction, distance, location or topography. Lezyne makes no warranty as to the accuracy or completeness of map data in this product.

In no event shall Lezyne be liable for incidental or consequential damages for any traffic fines or citations, relating to or resulting from the use of this product or any of its parts. Lezyne assumes no liability for any accident, injury, death, loss, or other claim related to or resulting from the use of this product.

Important

Do not be come distracted by the device—always operate vehicles in a safe manner.

Lezyne USA, Inc. does not accept any liability for injuries or other damages resulting from the use of this product in any circumstances.

DO NOT SUBMERGE UNDER WATER

Lezyne GPS devices are water resistant under normal conditions, but are not waterproof. If moisture gets inside device body, air-out until completely dry.

DO NOT ATTEMPT TO REMOVE ELECTRONICS

Doing so will void warranty.

Do not operate or store outside of temperature range (-20–60° C). Battery life may be affected at temperature extremes.

Location and surroundings may affect GPS signal. For best results, use the device outdoors with an unobstructed view of the sky. It may take up to 60 seconds to acquire GPSsignals.

This GPS device is not a calibrated measuring tool. It should not be used for surveying purposes. GPS based elevation measurements may vary.

Calorie readings are an estimation for reference only.

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/prop65

Table of Contents

Getting Started

Buttons

↩ ⏻	Press for Back button function Hold for 2 seconds to turn ON/OFF the device Press to Scroll left through pages
ENTER ☀	Press to ENTER a selection in the menu screen Press to turn Backlight ON/OFF
MENU ⬆	Hold to access the MENU screen Press to move UP in the menu screen Press to Scroll right through pages
LAP ▶ ⬇	Press to start a ride Hold to end a ride Press to move DOWN in the menu screen During a ride, Press to mark a LAP

Ride Screen Button Functions

Press

Hold

Scroll Left

On/Off

Scroll Right

Menu

Backlight

Enter

Start/Lap

Pause

Getting Started

Menu and Pause Screen Button Functions

Press

Hold

Back ___

Up ___

Select ___

Down ___

Screen Icons

GPS Status

Phone Connection

Battery Status

Sensor Status
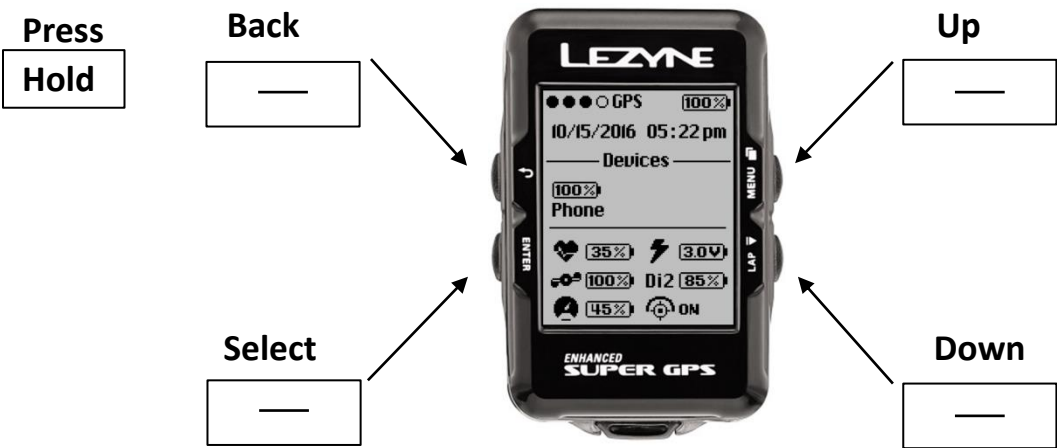
Icon	Description
ON	Lezyne Track
	Power Sensor
	Heart Rate Sensor
	Cadence Sensor
	Speed Sensor
Di2	Shifting Sensor

Getting Started

Charging

Before using your Lezyne GPS device for the first time, fully charge battery and it is also recommended to visit lezyne.com/gpsroot and update your GPS device to the latest software.

1. Remove exterior moisture.
2. Open USB cover.
3. Connect micro USB cable and device to powered USB port. For best results, use the supplied Lezyne cable.

If device does not display charging symbol when plugged in, selected USB port may not be powered – try another USB port.

Open USB cover for charging

Mounting

To attach the X-Lock mount:

1. Align the shim with the bottom of the mount.
2. Attach the X-Lock mount securely using the two bands the best fit your mounting location.

To connect the device to the X-Lock mount:

1. Align the tabs on the back of the device with the mount.
2. Press down and turn the device until it locks into place.
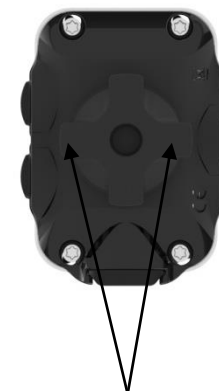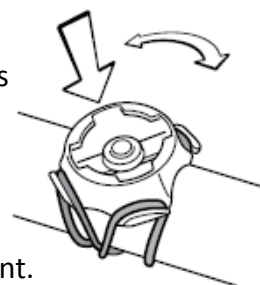
Mounting tabs

Getting Started

Turning on the GPS

Turn on your GPS by holding the left ⏻ button.

Press and hold ⏻ for 2
seconds to turn on ⟶

GPS Satellite Signal

Before a ride can start there must be status of a GPS signal present. This can take 30 to 90 seconds. For best results:

      1. Go outside to open clear area.

      2. Place the GPS device so its not obstructed to the sky.

      3. Wait for a GPS status dot to fill in.

      *a pop up notice will appear if you try to start a ride before a GPS signal is present.

GPS Signal ⟶

Getting Started

Starting a Ride

1. Wait for a GPS signal.
2. Start recording by pressing the bottom right ▶ button.
3. Ride data is recorded when the timer is running. A recording indicator will blink in the upper right corner
4. Press the top right button ▭ or top left button ↶ to see scroll through pages showing ride metrics.

Press to start recording a ride

Ending a Ride

Enter the pause menu by holding the bottom right button ▶. To continue recording, select the option **RESUME** or choose to **SAVE** or **DISCARD** your ride.

Press and hold to end ride

Getting Started

Uploading a Ride to a computer

1. Remove the USB port seal.
2. Connect your Power or Super GPS to a computer via Micro USB cable.
3. The GPS will read like a USB drive with included folders.
4. Within the Lezyne GPS folder find your .Fit ride files in the Activities folder to upload and share at www.lezyne.com/gpsroot

FILES

Lezyne GPS
▼ ☐ Lezyne
  ▼ ☐ Activities
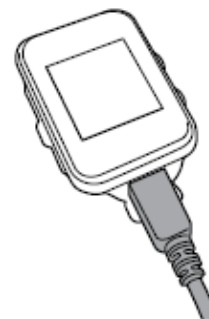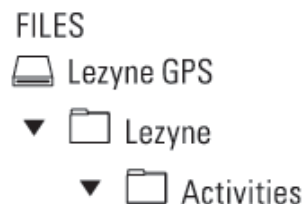
USB Seal

Its important to re-install the USB seal between the two seal locks to maintain a good seal against the weather.

USB SEAL

GPS Device updates

Software updates for your GPS device can be found at
http://www.lezyne.com/support-downloads.php

Menu Options

Menu Screen

Hold the top right button ▭ to enter the **MENU** screen
Menu options include:

- Alert
- Auto
- Bike
- Personal
- Records

- Personal
- Records
- Phone
- Navigation
- Sensors

- Screen
- Time
- Info
- Strava*

*only appears if segments have been saved on the device

Screen Setup

Screen Display

Up to 5 Data pages can be created and customized to show different data fields.

Access the **Screen** menu

1. When in the **Menu** screen scroll
to **Screen** and press the
left **ENTER** button,

Data Pages

Data Pages

1. Press the **ENTER** button and you
   can set up how many pages you
   want to see

Screen Set up
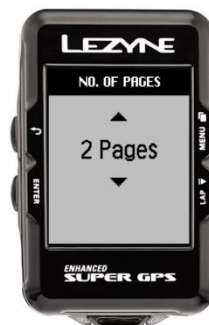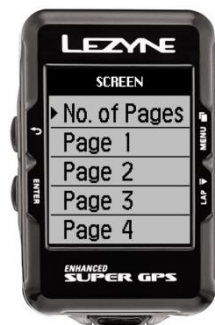
Page Setup

There are three display options for each page:
- 2 Lines of Data
- 3 Lines of Data
- 4 Lines of Data

To change the Layout,
1. Scroll up or down to the page number you want to change and press the left **ENTER** button.
2. In the **No. of fields** press enter use the right buttons to scroll up and down until it list the desired lines of data to display.
3. Press **ENTER** to select.
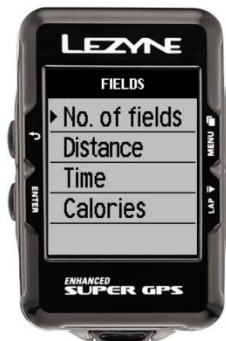
2 Lines of Data ← Line 1 / Line 2

3 Lines of Data ← Line 1 / Line 2 / Line 3

4 Lines of Data ← Line 1 / Line 2 / Line 3 / Line 4

Screen Set up

Data Selection Display

In **Fields** you can choose what data metrics to display on each data line.
Move **Up** or **Down** to the line you want to change and Press **ENTER**.
Scroll **Up** or **Down** to make the change and Press **ENTER**.

Adjustable Data

Distance	Calories	Lap Distance
Speed	*Heart Rate	Lap Speed
Avg Speed	*Avg Heart Rate	*Lap Power
Max Speed	*Max Heart Rate	*Lap Heart Rate
Trip 1	*Cadence	*Lap Cadence
Trip 2	*Avg Cadence	Lap Time
Odometer	*Power	**Di2 Shifting
Time	*3s Power	*eTap Shifting
Clock	*10s Power	
Elevation	*Power Balance	
Ascent	*Left/Right Smoothness	
Descent	*Left/Right Torque Efficiency	
Temperature		

Data Definitions Found Here

*Separate ANT+™ or Bluetooth® device required to see these metrics
**Special Shimano™ Dfly adapter required for Di2 Systems

13

Screen Set up

Units Format Display

In **Units** you can choose between Miles or Kilometer format.
Press **ENTER** and toggle up or down, press **ENTER** to select the setting.

Brightness Display

In **Brightness** you can choose what percentage of light that is displayed from the backlight. Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. Use the **ENTER** button to make the adjustments. When done press the **BACK** button.

Screen Set up

Notification Display

In **Notification** you can choose what font size is used to displayed phone notifications. Press **ENTER** and use the right buttons to select size. Use the **ENTER** button to make the selection.

Time Set up

Time Format

Time Format adjusts time display from **12hr** to **24hr** format. Press **ENTER** and use the right buttons to select **12hr** or **24hr**. Press **ENTER** to make the selection.

Time Set up

Time Zone

Time Zone adjusts time based on your closest location. Press **ENTER** and use the right buttons to select. Press **ENTER** to make the selection.

Daylight Savings

Daylight Savings adjusts time accordingly if it applies to your location. Press **ENTER** and use the right buttons to select. Press **ENTER** to make the selection.

Phone Pairing

Pairing to the Phone

1. Download the free **Lezyne GPS Ally App v2** to your phone.
   - Google Play for Android or App Store for iPhone.
2. Open the App to the **Device** tab and tap **Scan for Device**.
3. On your Lezyne GPS device, go into the **Menu** to **Phone** and press **ENTER**.
4. In **Phone**, select either **iPhone** or **Android** using the arrow buttons and press **ENTER**, this will make the device visible to the phone.
5. The **GPS Ally** App will show the Lezyne device you are looking to pair. Select the device and a pop up should ask if you want to **Pair**. Select **Pair**.
   - You will be prompted a code from the device to enter in the App.
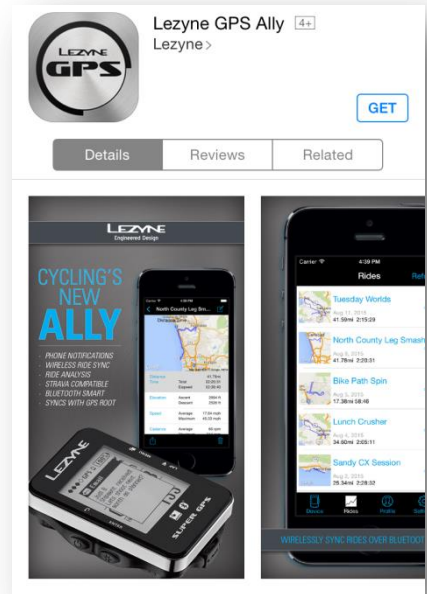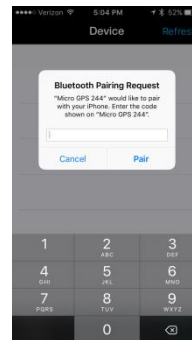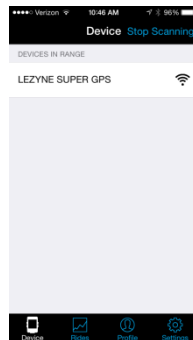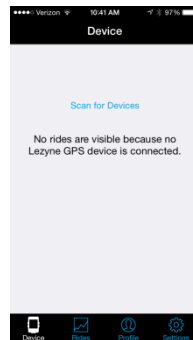
Phone Pairing

Notifications Set up

When the Lezyne GPS devices are paired with the **Lezyne GPS Ally App v2** they can display **Text, Email, and Call Notifications**.

* To enable this feature you must first make sure your phone notifications are turned on for Text and Email. See your phones manufacture instructions for details.

1. In **Lezyne GPS Ally App v2**, go to the **Settings** tab and turn on **Notifications**.

Notifications Setting
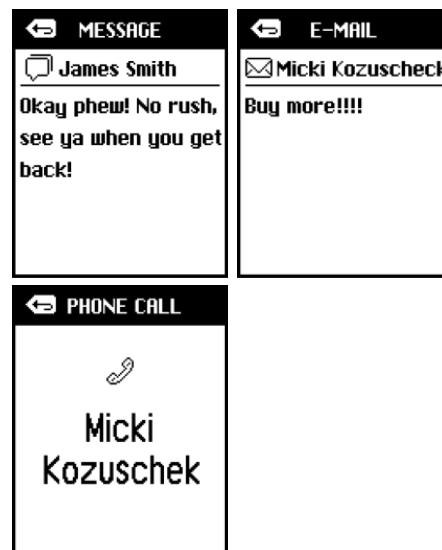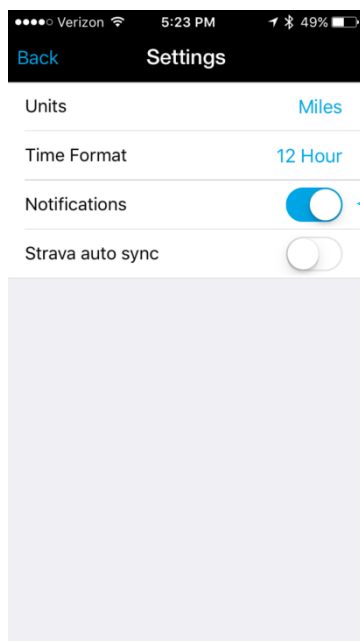
Navigation Set up

When the Lezyne GPS devices are paired with the **Lezyne GPS Ally App v2** they work together to display **Turn by Turn directions**.

In the **Lezyne GPS Ally App v2**, on the **Navigation** tab, you can search by:
- Viewing the map and tapping a location where you want to go.
- Typing in an address in the search box.
- Typing the name of the location in the search box.

Once the location is determined, multiple route options are available.
- Choose your desired course and tap **GO**.

The directions will be pushed to the device along with a route map.

Displayed Turn Directions

Tap here for Saved Routes

Address or Location Name Search

Current Location

Tap on the screen to drop a pin location

Brings you back to current location

Displayed Route Map

Route Options

Distance for Selected Route

Elevation for Selected Route

Navigation

Navigation Set up

The Lezyne GPS devices are capable of communicating your location to the Lezyne GPS Ally App v2 to assist in navigation. If you were to get off course an automatic **Rerouting** would take place within the Lezyne GPS Ally App v2 that would send new directions to your GPS device.

If you don't want **Rerouting** to happen during your directions and to keep the same route. The **Rerouting** feature can be turned off. If you have send directions to the device but want to cancel them, you can select **Cancel** in the same menu location**.**

Press **ENTER** on **Navigation**.
You can choose to turn Navigation **Rerouting On** or **Off**
1. Press **Enter** to Select.
2. Arrow **Up** or **Down** with right side buttons to select **On** or **Off**.

When Turn by Turn Navigation has been sent to the device, you have the option to **Cancel** the route without accessing your phone.

Press **ENTER** on **Navigation**
1. Arrow **Up** or **Down** with the right side buttons to **Cancel**.
2. Press **ENTER** to select and the Navigation Route will be canceled.

Navigation

Navigation GPS Root

In the **Lezyne GPS Root** website, on the **Routes** tab, you can create Routes. Routes can be based on Cycling, Hiking/Walking, or Driving specifics.   Lezyne GPS Root

- **Saved Route** can be accessed from the **Lezyne Ally** and pushed to GPS devices for **Turn by Turn** directions.
- **Location searches** can be done by the address, name, or clicking on map locations
1. Once a location is created, start to finish points set, hit calculate and choose your Route Option.
2. Save the Route by naming it.
- **Multiple Destination Routes** can be created by:
1. Clicking the map to create points.
   - Create Start, End, and Waypoints to create a desired route
   - Waypoints can be rearrange in a specific order.
2. Calculate the Route.

Click on the location to select; Start, End, and Waypoints to build a route

Step by Step Instructions
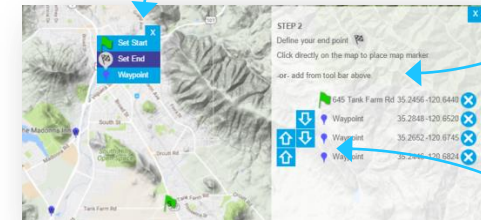
Select a Route Option

Rearrange Waypoints

Select a Route Option

Click to Name the route
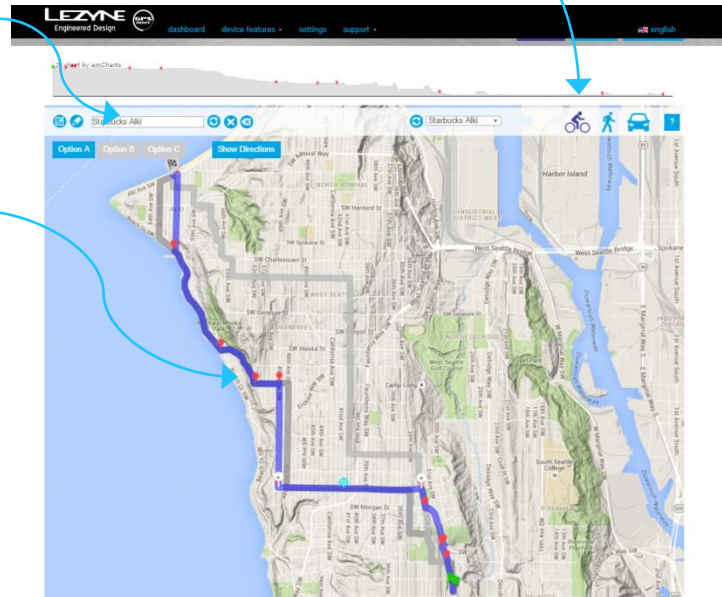
Click to drop pins to create routes
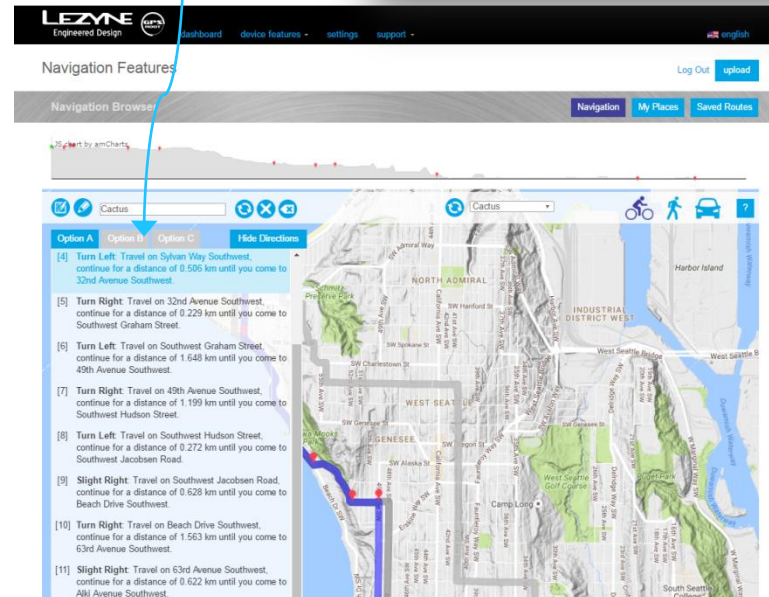
Saved Routes accessed here

Mapping

Breadcrumb Mapping

Once set to record, the Lezyne GPS will record a **Breadcrumb Map** displaying where you have been.

1. Press the lower right record button ▶ and the breadcrumb map will begin to display.

Route Mapping

When **Navigation** is being used, a **Route Map** will show the start, finish, and real time location on that route.

Strava Sync

Strava Sync Set up

In the **Lezyne GPS Root** website or in the **Lezyne GPS Ally App v2**, you can sync your activites to **Strava,** the popular social network. Strava.com
Activites can be set to Sync automatically when uploaded or one at a time
While in the Ally App set your account to sync with Strava simply by login through the **Settings** tab in the Ally App and GPS Root website.

Lezyne GPS Ally App v2 Sync
1. Go into the **App Settings** in the **More** tab.
2. Tap on **Connect with Strava**.
3. You'll have to have a Strava account in order to sync with the Ally App.
4. Log into you're Strava account to confirm.
5. Once the connection is made you can now set the Ally App to auto sync your activities as they are uploaded or you can sync them one at a time.

When Viewing Rides

Tap to Enter Settings

Tap to Connect

Tap to Share on Strava
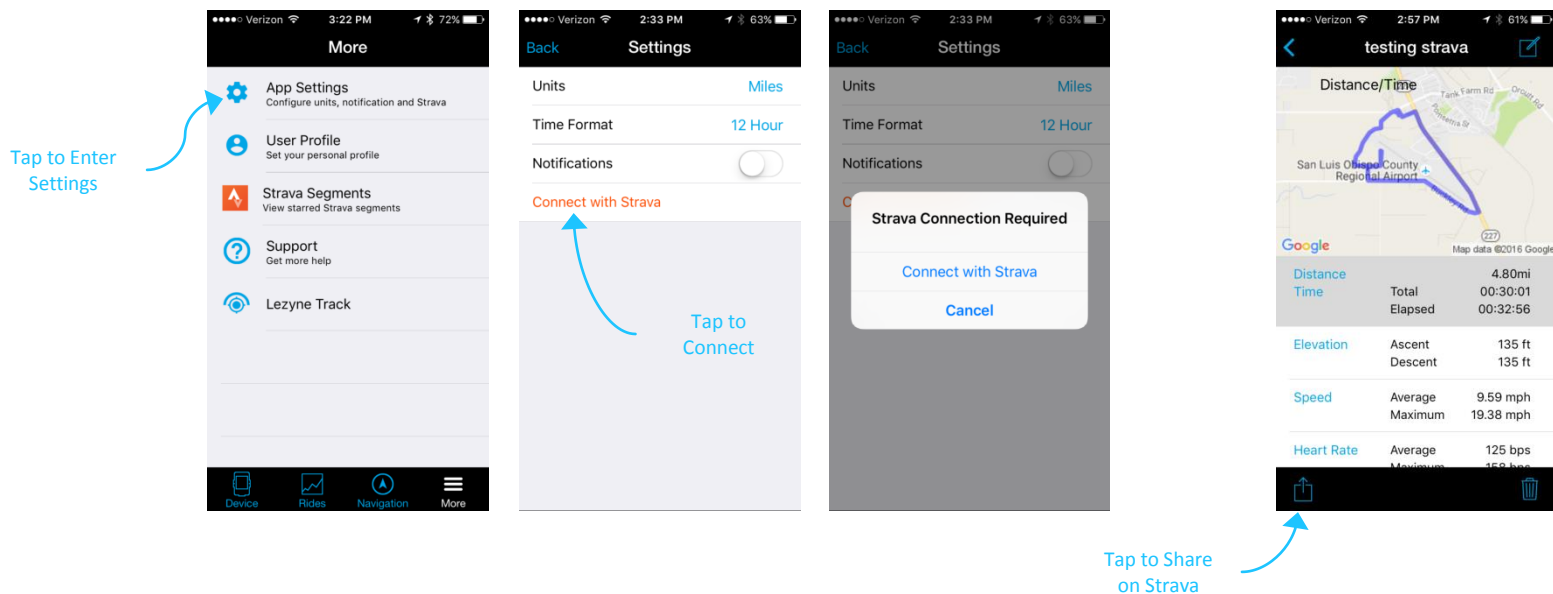
Strava Sync

Strava Sync Set up

Lezyne GPS Root Sync
1. Click on **Settings** to Sync with Strava.
2. Click on **Connect with Strava** button.
3. You'll be asked to log into to Strava.
4. And then a page will appear to confirm the connection. Click on **Authorize** to confirm.
5. You can set rides to auto sync as you upload them or upload one at time when viewing the ride.
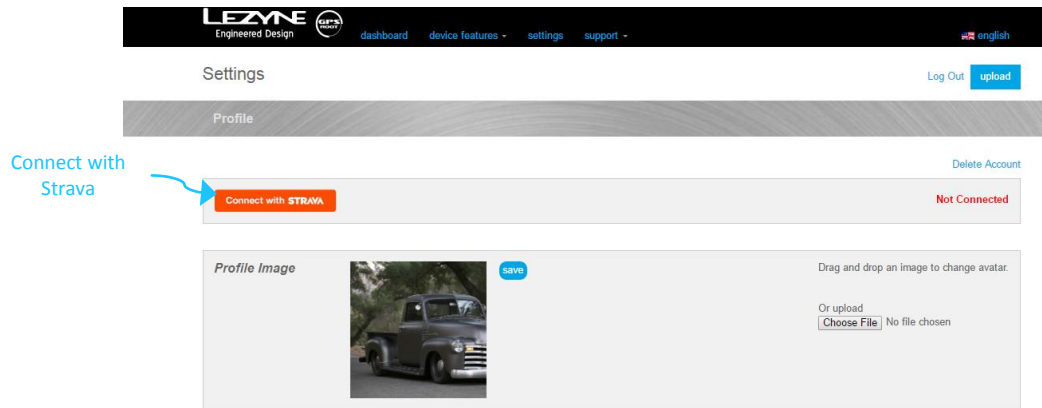
Connect with Strava

Once logged into Strava you'll be asked to confirm the connection
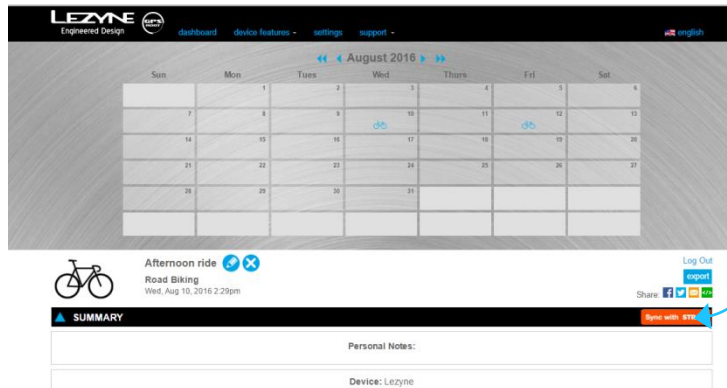
Sync Ride with Strava

Strava Segments

Strava Segments Set up *STRAVA Premium Membership Needed*

In the **Lezyne GPS Root** website or in the **Lezyne GPS Ally App v2**, you can sync **Strava Segments** from the popular social network. strava.com/premium
While in the GPS Root or Ally App set your account to sync with Strava simply by login through the **Settings** tab in the Ally App and GPS Root website.
If you are a Strava Premium member, you can Sync Strava Live Segments to your device to get notifications when to start Strava Segments you choose to compete against.
*All Strava Segments are managed on the Strava Site and only synced to Lezyne GPS Root and Ally App.

1. Star the **Segments** on the **Strava Website** or within the **Strava App**.
2. Open the **Lezyne GPS Ally App v2**.
3. Tap the **More** Tab, and tap **Strava Segments**.
4. Make sure you are paired to a **Lezyne GPS Device**.
5. Tap **Sync** and the **Segments** will be pushed to your Lezyne GPS device.

Tap to Sync Segments to GPS

Manage Segment List in your Strava Account
Refresh to make sure all Segments are up to date
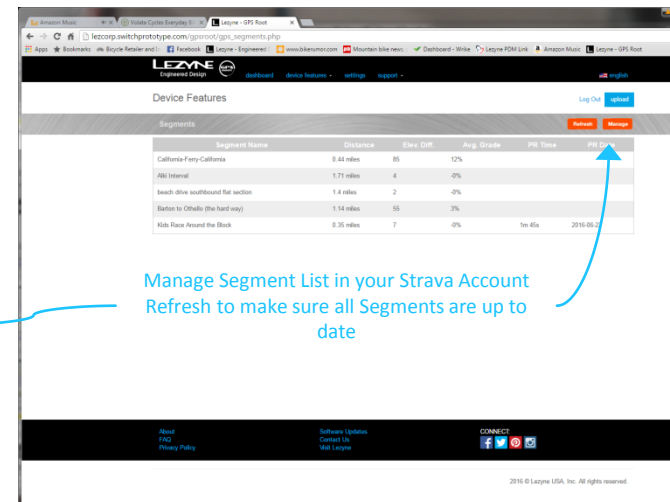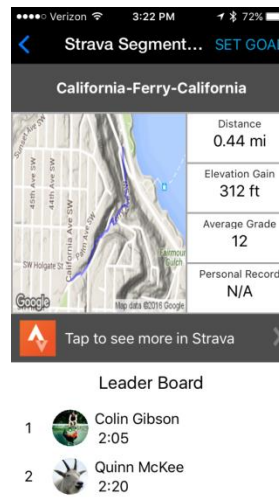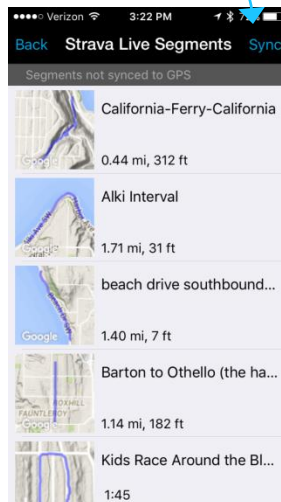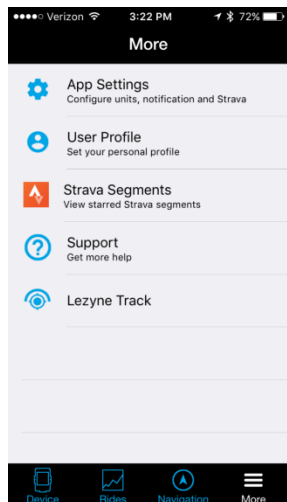
Lezyne Track Set up

Lezyne Track is a way to share your ride information in real-time with friends, family, or whoever you decide to include. They will be sent an email with a hyperlink that will send them to a map showing your:
- Location
- Speed
- Distance
- And any sensor information that you are connected to

All you need is their email address to create a contact list and when you hit record on the Lezyne GPS device a message will be sent letting them know you're out on a ride.
1. Download the **Lezyne GPS Ally App v2**.
2. Tap the **More** Tab in the **Ally** App to find **Lezyne Track**.
3. Turn on **Lezyne Track**.
4. Type in or search through your contacts to add people to your email contact list
5. Once you hit record on your **Lezyne GPS** a notice will be sent to the people in your selected contact list.

Tap to Enter Feature

Tap to Turn On and Enable

Create Email Contact List
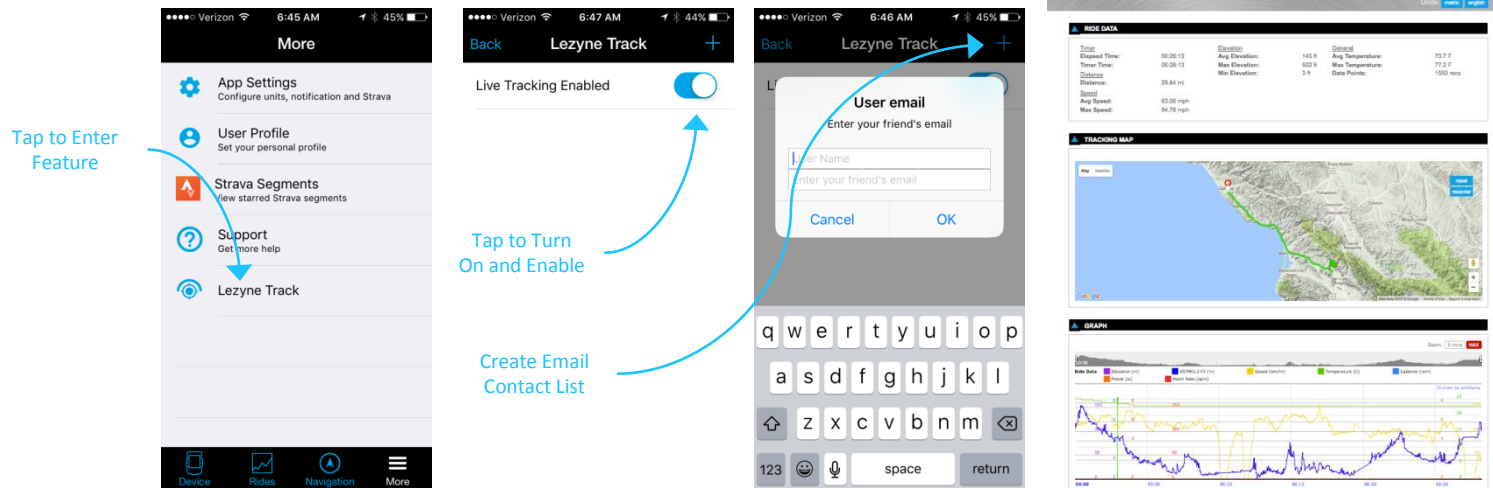
Sensor Pairing

Sensor Set up

The Lezyne Mini and Macro GPS can pair with only Bluetooth Smart or LE Heart Rate Monitors. The Micro, Micro C, and Super GPS can pair to both Bluetooth® and ANT+™

<mark>* Before you pair your Sensors, see the manufactures instructions on how to pair with devices.</mark>

1. In **Sensors**, press **ENTER** to access. Choose the sensor type you want to pair and press **ENTER**.

- Heart Rate
- Speed
- Cadence
- Speed & Cadence
- Power
- Shifting

SENSORS	SENSORS	SENSORS	SENSORS	SENSORS	SENSORS
▶Heart Rate	Heart Rate	Speed	Cadence	Spd & Cad	Power
Off	▶Speed	▶Cadence	▶Spd & Cad	▶Power	▶Shifting
Speed	Off	Off	Off	Off	Off
Cadence	Cadence	Spd & Cad	Power	Shifting	
Spd & Cad	Spd & Cad	Power	Shifting		
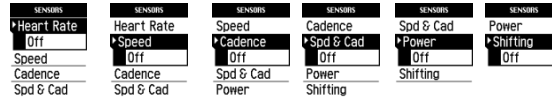
2. Depending on your device type select either Bluetooth ®or ANT+ ™
3. Select the sensor you are trying to pair
* This could take a couple minutes*
Once paired the GPS device will read **Paired**, and the icon will show on the Home screen

Home Screen 27

Sensor Pairing

Power Monitor Set up

* Before you pair your Power monitor, see the manufactures instructions on how to set up, pair, and calibrate the monitor with devices.

1. In **Power**, press **ENTER** to **Pair**. The device will search for Power sensors in range.
	This could take a couple minutes
2. Select the sensor you are trying to pair.
	*(See name or ID numbers that match your device)
When complete, the GPS device will read **Paired**.
3. Once paired you can:
- Calibrate*
- Auto Zero *(ANT+ versions only)
- Set Crank Arm length
*See manufactures instructions on how to **Calibrate** and **Auto Zero**

Wheel Circ (Circumference) Set up

Wheel Circumference calibrates the speed sensor to accurate display your speed based on the size of your wheel. This is needed if using a speed sensor on an indoor trainer.
*Paired Speed Sensors will take over recording speed and distance and no longer use information from the GPS.
Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. Use the **ENTER** button to make the adjustments. When done select **BACK** or press the **ENTER** button.

Wheel Size and Circumference
The wheel size can be found on the side of the tire. This is not an exact list but a general guide. More specific wheel calculators can be found online. Or you can manual measured
http://www.bikecalc.com/wheel_size_math

Wheel	Tire	CM		Wheel	Tire	CM		Wheel	Tire	CM
700c/29er	20 mm	208.0		650b/27.5	2.125 inch	217.4		26inch mtb	2.10 inch	209.1
700c/29er	23 mm	209.9		650b/27.5	2.20 inch	218.6		26inch mtb	2.125 inch	209.5
700c/29er	25 mm	211.1		650b/27.5	2.25 inch	219.4		26inch mtb	2.20 inch	210.7
700c/29er	28 mm	213.0		650b/27.5	2.30 inch	220.2		26inch mtb	2.25 inch	211.5
650b/27.5	20 mm	196.0		650b/27.5	2.35 inch	221.0		26inch mtb	2.30 inch	212.3
650b/27.5	23 mm	197.9		650b/27.5	2.40 inch	221.6		26inch mtb	2.35 inch	213.1
650b/27.5	25 mm	199.2		650c	20 mm	192.0		26inch mtb	2.40 inch	213.7
650b/27.5	28 mm	201.1		650c	23 mm	193.8		20inch Recumbent	20 mm	154.3
650b/27.5	32 mm	203.6		650c	25 mm	195.1		20inch Recumbent	23 mm	156.1
650b/27.5	35 mm	205.5		650c	28 mm	197.0		20inch Recumbent	25 mm	157.4
650b/27.5	38 mm	207.3		26inch mtb	35 mm	197.6		20inch Recumbent	28 mm	159.3
650b/27.5	44 mm	211.1		26inch mtb	38 mm	199.5		20inch Recumbent	32 mm	161.8
650b/27.5	50 mm	214.9		26inch mtb	44 mm	203.3		20inch Recumbent	35 mm	163.7
650b/27.5	56 mm	218.7		26inch mtb	50 mm	207.0		20inch Recumbent	1.00 inch	157.6
650b/27.5	1.00 inch	199.4		26inch mtb	56 mm	210.8		20inch Recumbent	1.25 inch	161.6
650b/27.5	1.25 inch	203.4		26inch mtb	1.00 inch	191.6		20inch Recumbent	1.5 inch	165.6
650b/27.5	1.5 inch	207.4		26inch mtb	1.25 inch	195.6		20inch Recumbent	1.75 inch	169.6
650b/27.5	1.75 inch	211.4		26inch mtb	1.5 inch	199.6		20inch Recumbent	1.90 inch	172.0
650b/27.5	1.90 inch	213.8		26inch mtb	1.75 inch	203.5		20inch Recumbent	1.95 inch	172.8
650b/27.5	1.95 inch	214.6		26inch mtb	1.90 inch	205.9		20inch Recumbent	2.00 inch	173.6
650b/27.5	2.00 inch	215.4		26inch mtb	1.95 inch	206.7				
650b/27.5	2.10 inch	217.0		26inch mtb	2.00 inch	207.5				

Personal Set up

Sport Type

Sport Type gives you the option to choose what best suits your type or activity and how it should be categorized for downloads.
Press **ENTER** and use the right buttons to select. Press **ENTER** to make the selection.

Language Setting

Sets your desired language.
Press **ENTER** and use the right buttons to select. Press **ENTER** to make the selection.

Personal Set up

Age Setting

Setting your age assists in calorie calculations.
Press **ENTER** and use the right buttons to select **INCREASE** or **DECREASE**. Use the **ENTER**
button to make the adjustments. When done select **BACK** or press the **BACK** button

Weight Setting

Setting your weight assists in calorie calculations.
Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. Use the **ENTER** button to
make the adjustments. When done press **ENTER** or press the **BACK** button.

Personal Set up

Height Setting

Setting your Height assists in calorie calculations.
Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. Use the **ENTER** button to make the selection.

Gender Setting

Setting your gender assists in calorie calculations. Set your gender to **Male** or **Female**.
Press **ENTER** and use the right buttons to select. Press **ENTER** to make the selection.

Auto/Preset Notification Set up

Scroll Setting

Automatic **Scroll** through the pages on the device while recording.
Press **ENTER** and use the right buttons to select **On** or **Off**. Press **ENTER** to make the selection.

Start/Stop (Pause) Setting

The **Pause** setting is an automatic Start/Stop feature that controls recording of the ride if you stop for a period of time. And will start back up once you begin to move.
Press **ENTER** and use the right buttons to select **On** or **Off**. Press **ENTER** to make the selection.

Auto/Preset Notification Set up

Lap Preset Notification Set up

Lap preset allows you to set a notification pop up based on **Time** or **Distance** goals and stores the data in your .fit file.

Press **ENTER** and use the right buttons to select **Time** or **Distance**. Press **ENTER** to make the selection and use the right buttons to **INCREASE** or **DECREASE**. When done press the **ENTER** button. To reset, select **Off** and repeat the steps for set up.

Light Setting

The **Light** setting automatically turns the backlight on whenever a button is pressed. Press **ENTER** and use the right buttons to select **On** or **Off**. Press **ENTER** to make the selection.

Alert Set up

Ride Distance Alert Set up

Ride Distance alert gives you a pop up alert when you complete a set distance goal. Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. When done press the **ENTER** button. To reset, select **Off** and repeat the steps for set up.

Ride Time Alert Set up

Ride Time alert gives you a pop up alert when you complete a set a goal for an amount of time. Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. When done press the **ENTER** button. To reset, select **Off** and repeat the steps for set up.

Alert Set up

Calories Alert Set up

Calories alert gives you a pop up alert when you complete a set goal. Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. When done press the **ENTER** button. To reset, select **Off** and repeat the steps for set up.

Minimum HR (Heart Rate) Alert Set up

Minimum Heart Rate alert gives you a pop up alert when you hit a set minimum limit. Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. When done press the **ENTER** button.

Maximum HR (Heart Rate) Alert Set up

Maximum Heart Rate alert gives you a pop up alert when you hit a set maximum limit. Press **ENTER** and use the right buttons to **INCREASE** or **DECREASE**. When done press the **ENTER** button. To reset, select **Off** and repeat the steps for set up.

Speaker Set up *(Super GPS only)

The **Speaker** setting turns it on when ever a button is pressed.
Press **ENTER** and use the right buttons to select **On** or **Off**. Press **ENTER** to make the selection.

Records

Review

Review lets you see the details of stored rides on the device.
Press **ENTER** and use the right buttons to select the ride you want to see by date and time. Press **ENTER** to make the selection.

Erase All

Erase All will delete all rides recorded and stored on the device.
Press **ENTER** and use the right buttons to select **Yes** or **No**. Press **ENTER** to make the selection.

Records

Erase Oldest

Erase Oldest will delete the oldest ride recorded and stored on the device. This is for when you need to room for recording and know the oldest file is not important but want to keep other rides.

Press **ENTER** and use the right buttons to select **Yes** or **No**. Press **ENTER** to make the selection.

Memory

This lets you know how many hours of recording time you have remaining.

Records

Reset Trip 1

This allows you to delete the recorded distance in **Trip 1**.
Press **ENTER** and use the right buttons to select **Yes** or **No**. Press **ENTER** to make the selection.

Reset Trip 2

This allows you to delete the recorded distance in **Trip 2**.
Press **ENTER** and use the right buttons to select **Yes** or **No**. Press **ENTER** to make the selection.

Reset Odo (Odometer)

This allows you to delete the accumulated miles on the **Odometer**.
Press **ENTER** and use the right buttons to select **Yes** or **No**. Press **ENTER** to make the selection.

Info

Device

This indicates the device type.

Firmware

The numbers in Firmware indicates which version is currently being used on the device.

GPS

This is where you can select the GPS chip to run GPS or GPS+Glonass. GPS only offers a longer runtime on the battery. GPS+Glonass gives optimum satellite reception. *GPS+Glonass is available on Super GPS and Micro C GPS devices.

Sats (Satellites)

This is the current number of satellites the device is using.

HDOP, VDOP

This is the quality of the GPS data.
Horizontal Dilution of Precession.
Vertical Dilution of Precession.

Battery

The current battery voltage.

Info

FCC ID

FCC certification number for the device

IC

Industry Canada certification number

RCM

The three existing compliance marks (C-Tick, A-Tick and RCM) are being consolidated into a single compliance mark—the RCM

Bluetooth LE

Software version of Bluetooth LE

Ant+

Software version of ANT+™

Specifications

Battery Type	Rechargeable Lithium polymer, 900 mAhr
Battery Life	Up to 22hrs
Memory Size	Up to 200hrs (Power GPS) Up to 400hrs (Super GPS)
Operating Temperature Range	-20°C to 60°C (-4°F to 140°F)
Charging Temperature Range	0°C to 45°C (32°F to 113°F)
Water Rating	IPX7 *tested in water 1m for 30min
Weight	76g

Data Metrics Explained

Ascent: The total measurement of elevation gained that current ride

Auto Scroll: Page scroll changes to show different information. Example: Avg Speed, Elevation, Temperature

Auto Start/Stop: This will automatically pause the timer when you stop, and start when you begin to move. This is used to not record time during stops or rest periods

Avg Speed: The average speed of the current ride

*Cadence - Avg Cad: The average revolutions of the crank arm per minute

*Cadence: The revolution of the crank arms per minute

Calories Alert: A pop up notification when you hit a set calorie goal

Calories: The amount of calories burned that current ride. This information is calculated based on your personal settings

Clock: The current time of day

Descent: The total measurement of elevation lost that current ride

Distance: The distance of the current ride

Elevation: The current measurement of height above sea level based on your location

*Heart Rate - Avg HR: The average heart rate during that current ride

*Heart Rate - Max HR: The max heart rate during that current ride

*Heart Rate: Your heart rate in beats per minute (bpm)

Lap Preset: An automatic notification to mark a lap based on a preset you set for distance or time.

Odometer: Accumulative recording of distance between rides

*Power - 10s Power: A 10 second average output of watts

*Power - 3s Power: A 3 second average output of watts

*Power - L/R % Smoothness: The measure of how evenly power is being applied to the left and right through the pedal stroke

*Power - L/R % Tq Efficiency: The measure of efficiency in pedaling from left to right

*Power Balance: The balance of power between left/right

*Power: The output of watts

Ride Distance Alert: A pop up notification when you hit a set distance goal

Ride Time Alert: A pop up notification when you hit a set time goal

Speed - Avg Speed: The average speed during that ride

Speed - Max Speed: The maximum speed during that ride

Speed: The current rate of speed

Temperature: The current measurement of hot and cold

Timer: Is a stop watch of the current ride

Trip 1: The distance of a trip. Accumulative recording of distance between rides

Trip 2: The distance of a trip. Accumulative recording of distance between rides

Troubleshooting

Updating Software

Software updates/manuals can be found at http://www.lezyne.com/support-downloads.php

1. Connect your device to your computer with the supplied USB cable.
2. Go to the GPS Root website Download page and choose the software update that works with your computer.
3. Allow the program to download and run on your computer.
4. Follow the on screen instructions and do not disconnect your computer until its complete.

***Info – Firmware** will let you know which version of software is currently on your device.

Support

How to videos, manuals , FAQ can be found on the Support tab at http://www.lezyne.com/support.php

- Videos describing and explaining the device
- FAQ – Frequently Asked Questions related to the device
- Downloads – manuals and software updates
- Contact US

Resetting the Device

If the device stops responding to button functions a simple reset could correct the issue.
*Resetting the device could delete settings and files

- Hold ⏻↩ and **MENU** ▭ for 45 seconds
- The device will shut off
- Hold ⏻↩ for 2 seconds to turn device back on