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 with 2002/96/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.

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 terms 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.

FCC RF Compliance—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.

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 and the user.

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 terms 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.

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.
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 become 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 GPS signals.

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** page.5
  - Buttons
  - Screen Icons
  - Charging GPS
  - Installing GPS
  - Turning on GPS
  - GPS Satellite Signal
  - Starting a Ride
  - Ending a Ride
  - Uploading a Ride to your Computer

- **Screen Set up** page.12
  - Layout
  - Fields
  - Unit Format
  - Brightness (Backlight)

- **Time Set up** page.16
  - Time Format
  - Time Zone*
  - Daylight Saving*

- **Phone Pairing** page.17
  - Pairing to the Phone
  - Notification Set up
  - Navigation
  - Mapping
  - Strava and Strava Live Segments
  - Lezyne Track

- **Sensor Pairing** page.27
  - Heart Rate Monitor Set up
  - Speed Monitor Set up
  - Cadence Monitor Set up
  - Power Monitor Set up
  - Shifting Set up

- **Bike Set up** page.26
  - Wheel Circumference
  - Bike Weight

- **Personal Set up** page.27
  - Sport Type
  - Language*
  - Age*
  - Weight*
  - Height*
  - Gender*

- **Auto/Preset Notification Set up** page.30
  - Scroll
  - Pause
  - Lap
  - Light (Backlight)

- **Alert Set up** page.32
  - Ride Distance
  - Ride Time
  - Calories

- **Records** page.35
  - Erase All
  - Erase Oldest
  - Memory
  - Reset Trip 1
  - Reset Trip 2
  - Reset Odo (Odometer)

- **Info** page.38
  - Device
  - Firmware
  - GPS
  - Sats

- **Specifications** page.42

- **Data Metrics Explained** page.42

- **Troubleshooting** page.44
  - Updating Software
  - Support
  - Resetting the Device
# Getting Started

## Buttons

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
</table>
| 🔽      | Press for Back button function  
 Hold for 2 seconds to turn ON/OFF the device  
 Press to Scroll left through pages |
| 🔄      | Press to ENTER a selection in the menu screen  
 Press to turn Backlight ON/OFF |
| 📦      | Hold to access the MENU screen  
 Press to move UP in the menu screen  
 Press to Scroll right through pages |
| ⏳      | 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
  - Backlight
  - Enter

- **Scroll Right**
  - Menu
  - Start/Lap
  - Pause
Getting Started

Menu and Pause Screen Button Functions

Press

Hold

Back

Select

Up

Down

Screen Icons

GPS Status

Phone Connection

Battery Status

Sensor Status

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.

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.
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 it’s 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.
# 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.

## 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.
### 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](http://www.lezyne.com/gpsroot)

#### USB Seal

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

#### GPS Device updates

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

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

* only appears if segments have been saved on the device
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.
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
- Speed
- Avg Speed
- Max Speed
- Trip 1
- Trip 2
- Odometer
- Time
- Clock
- Elevation
- Ascent
- Descent
- Temperature

- Calories
- *Heart Rate
- *Avg Heart Rate
- *Max Heart Rate
- *Cadence
- *Avg Cadence
- *Power
- *3s Power
- *10s Power
- *Power Balance
- *Left/Right Smoothness
- *Left/Right Torque Efficiency

- Lap Distance
- Lap Speed
- *Lap Power
- *Lap Heart Rate
- *Lap Cadence
- Lap Time
- **Di2 Shifting
- *eTap Shifting

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

Data Definitions Found Here
**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.

![Notification Display Image]

**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 Format Image]
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.
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.
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.
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.
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.
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.
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.

![Breadcrumb Map](image)

**Route Mapping**

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

![Route Map](image)
Strava Sync

Strava Sync Set up

In the Lezyne GPS Root website or in the Lezyne GPS Ally App v2, you can sync your activities 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.
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 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.

Once logged into Strava you’ll be asked to confirm the connection

Sync Ride with Strava

Connect with Strava
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.
Lezyne Track

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.

Lezyne Track Set up
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+™

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

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

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
**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*
**Bike Setup**

**Wheel Circ (Circumference) Setup**

*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](http://www.bikecalc.com/wheel_size_math)

<table>
<thead>
<tr>
<th>Wheel</th>
<th>Tire</th>
<th>CM</th>
<th>Wheel</th>
<th>Tire</th>
<th>CM</th>
<th>Wheel</th>
<th>Tire</th>
<th>CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>700c/29er</td>
<td>20 mm</td>
<td>208.0</td>
<td>650b/27.5</td>
<td>2.125 inch</td>
<td>217.4</td>
<td>26inch mtb</td>
<td>2.10 inch</td>
<td>209.1</td>
</tr>
<tr>
<td>700c/29er</td>
<td>23 mm</td>
<td>209.9</td>
<td>650b/27.5</td>
<td>2.20 inch</td>
<td>218.6</td>
<td>26inch mtb</td>
<td>2.125 inch</td>
<td>209.5</td>
</tr>
<tr>
<td>700c/29er</td>
<td>25 mm</td>
<td>211.1</td>
<td>650b/27.5</td>
<td>2.25 inch</td>
<td>219.4</td>
<td>26inch mtb</td>
<td>2.20 inch</td>
<td>210.7</td>
</tr>
<tr>
<td>700c/29er</td>
<td>28 mm</td>
<td>213.0</td>
<td>650b/27.5</td>
<td>2.30 inch</td>
<td>220.2</td>
<td>26inch mtb</td>
<td>2.25 inch</td>
<td>211.5</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>20 mm</td>
<td>196.0</td>
<td>650b/27.5</td>
<td>2.35 inch</td>
<td>221.0</td>
<td>26inch mtb</td>
<td>2.30 inch</td>
<td>212.3</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>23 mm</td>
<td>197.9</td>
<td>650b/27.5</td>
<td>2.40 inch</td>
<td>221.6</td>
<td>26inch mtb</td>
<td>2.35 inch</td>
<td>213.1</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>25 mm</td>
<td>199.2</td>
<td>650c</td>
<td>20 mm</td>
<td>192.0</td>
<td>26inch mtb</td>
<td>2.40 inch</td>
<td>213.7</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>28 mm</td>
<td>201.1</td>
<td>650c</td>
<td>23 mm</td>
<td>193.8</td>
<td>20inch Recumbent</td>
<td>20 mm</td>
<td>154.3</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>32 mm</td>
<td>203.6</td>
<td>650c</td>
<td>25 mm</td>
<td>195.1</td>
<td>20inch Recumbent</td>
<td>23 mm</td>
<td>156.1</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>35 mm</td>
<td>205.5</td>
<td>650c</td>
<td>28 mm</td>
<td>197.0</td>
<td>20inch Recumbent</td>
<td>25 mm</td>
<td>157.4</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>38 mm</td>
<td>207.3</td>
<td>26inch mtb</td>
<td>35 mm</td>
<td>197.6</td>
<td>20inch Recumbent</td>
<td>28 mm</td>
<td>159.3</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>44 mm</td>
<td>211.1</td>
<td>26inch mtb</td>
<td>38 mm</td>
<td>199.5</td>
<td>20inch Recumbent</td>
<td>32 mm</td>
<td>161.8</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>50 mm</td>
<td>214.9</td>
<td>26inch mtb</td>
<td>44 mm</td>
<td>203.3</td>
<td>20inch Recumbent</td>
<td>35 mm</td>
<td>163.7</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>56 mm</td>
<td>218.7</td>
<td>26inch mtb</td>
<td>50 mm</td>
<td>207.0</td>
<td>20inch Recumbent</td>
<td>40 mm</td>
<td>167.6</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>1.00 inch</td>
<td>199.4</td>
<td>26inch mtb</td>
<td>56 mm</td>
<td>210.8</td>
<td>20inch Recumbent</td>
<td>1.25 inch</td>
<td>161.6</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>1.25 inch</td>
<td>203.4</td>
<td>26inch mtb</td>
<td>1.00 inch</td>
<td>191.6</td>
<td>20inch Recumbent</td>
<td>1.25 inch</td>
<td>161.6</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>1.5 inch</td>
<td>207.4</td>
<td>26inch mtb</td>
<td>1.25 inch</td>
<td>195.6</td>
<td>20inch Recumbent</td>
<td>1.75 inch</td>
<td>169.6</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>1.75 inch</td>
<td>211.4</td>
<td>26inch mtb</td>
<td>1.5 inch</td>
<td>199.6</td>
<td>20inch Recumbent</td>
<td>1.90 inch</td>
<td>172.0</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>1.90 inch</td>
<td>213.8</td>
<td>26inch mtb</td>
<td>1.75 inch</td>
<td>203.5</td>
<td>20inch Recumbent</td>
<td>1.95 inch</td>
<td>172.8</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>2.00 inch</td>
<td>214.6</td>
<td>26inch mtb</td>
<td>1.90 inch</td>
<td>205.9</td>
<td>20inch Recumbent</td>
<td>2.00 inch</td>
<td>173.6</td>
</tr>
<tr>
<td>650b/27.5</td>
<td>2.10 inch</td>
<td>217.0</td>
<td>26inch mtb</td>
<td>2.00 inch</td>
<td>207.5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 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.
**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.
Alert Set up

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.

![Image of LEZYNE GPS interface showing Alert screen]

**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.

![Image of LEZYNE GPS interface showing Alert screen]
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.

![Image of a device with options: Records, Review, Erase All, Erase Oldest, Memory, Reset Trip 1, Reset Trip 2]
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.
**Info**

**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.
**Info**

**HDOP, VDOP**

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

---

**Battery**

The current battery voltage.
**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

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

*Separate ANT+™ or Bluetooth® device required to see these metrics*
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