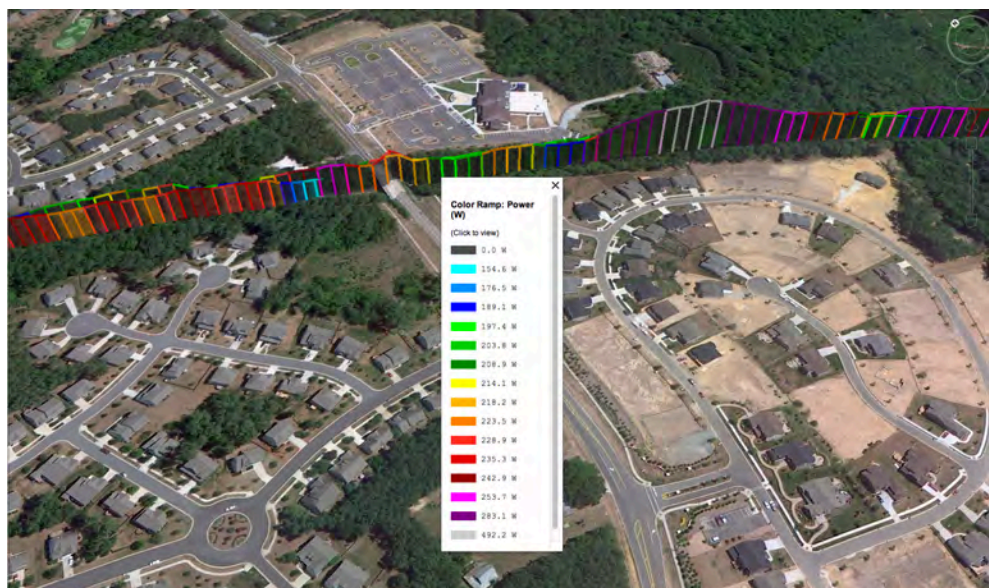# GPS Tracker™

GPS data for AeroPod®, PowerPod® and Newton® power meter

October 2018

Introduction

GPS Tracker adds GPS data to your AeroPod, PowerPod or Newton **("Device")** rides, using your iPhone or Android smartphone!

You'll ride with the **Velocomp Tracker** app (iOS) or **Newton Tracker** app (Android) operating in the background. After your ride, GPS data from your Tracker app is uploaded to a cloud-based GPS Tracker account you create as part of initial setup. When you download your Device ride, Isaac finds and automatically merges your GPS data with your Device data.

You can view your GPS data using Google Earth, or you can export your Device file so that it can be used in Strava, TrainingPeaks, and other applications.

Instructions Summary

ONE-TIME SETUP
- Update your Device firmware and Isaac software
- iOS: install the "Velocomp Tracker" app
- Android: install the "Newton Tracker" app
- Purchase a GPS Tracker key for your Device from the Velocomp Store (not required for AeroPod)
- Install the key on your Device (not required for AeroPod)
- Create a free GPS Tracker account using Isaac software
- On your smartphone, log in to your GPS Tracker account
- Install Google Earth on your computer

USING GPS TRACKER
- Run the Tracker app during your bike rides
- Download your Device ride files as usual. Your GPS data will be automatically added to your ride file
- View your GPS route in Google Earth, or export your ride file to Strava or your favorite application

SETUP

1) INSTALL THE TRACKER APP ON YOUR SMARTPHONE

iPhone

In the App Store, search for "**Velocomp Tracker**". Install the Velocomp Tracker app

Android

Email technicalsupport@velocomp.com for instructions.
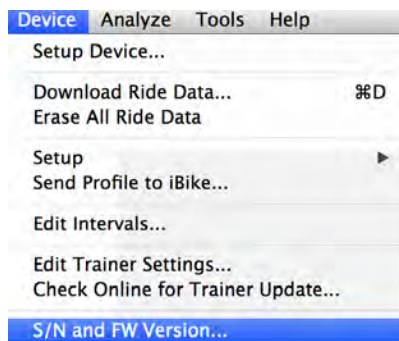
2) PURCHASE A GPS TRACKER KEY

ALL AEROPODS ARE SHIPPED WITH THE GPS KEY INSTALLED. **IF YOUR DEVICE WAS SHIPPED WITH A FACTORY-INSTALLED GPS KEY, SKIP TO STEP 4.**

A firmware key is required to enable GPS tracking. The key is available at the Velocomp Store.

https://velocomp-llc.myshopify.com/products/gps-upgrade-key-for-newton
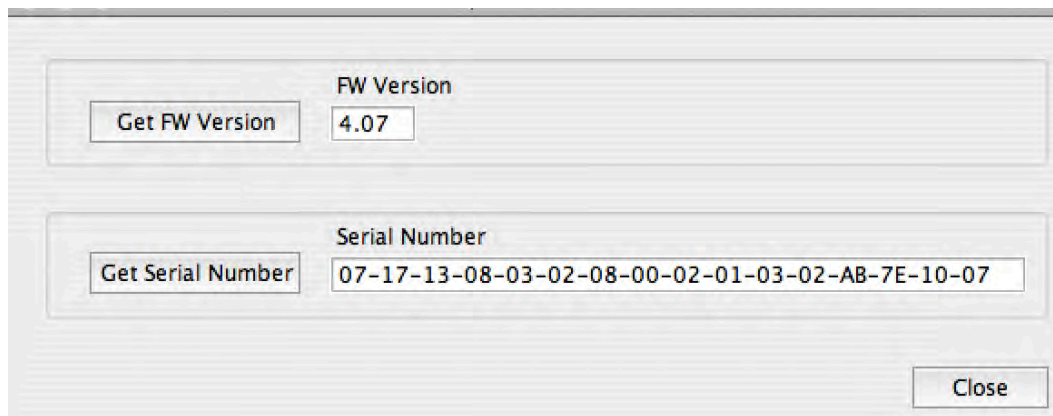
Once you purchase your key you will receive an email from Velocomp requesting the serial number of your Device.

Your serial number is stored in the memory of your Device. Attach your Device to your computer, start Isaac, and get your serial number with Isaac software through Device: S/N and FW version:
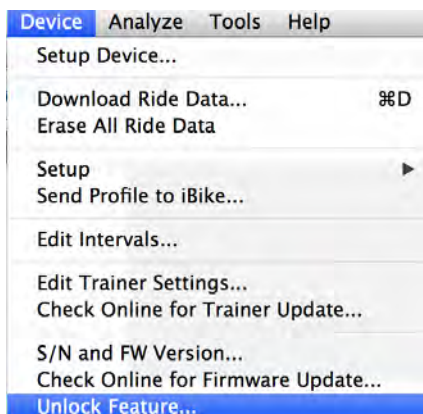
Your serial number will appear:

Copy and paste your serial number into an email, then send your serial number to the Velocomp email address technicalsupport@velocomp.com.

3) INSTALL YOUR GPS TRACKER KEY

You will receive an email from Velocomp with your GPS Tracker key as an attachment.

We recommend you move the key to your computer's desktop.

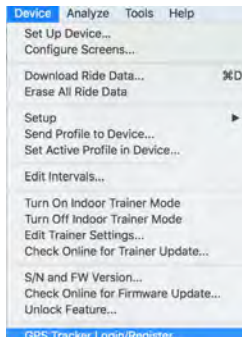Attach your Device to your computer and start Isaac. Use the command Device/Unlock Feature… to install your Tracker key:

Follow Isaac prompts to locate and install the key. Once installed, the key will remain permanently in your Device.
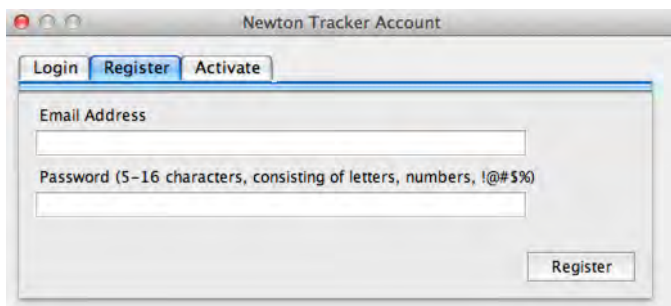
4) CREATE AND REGISTER YOUR GPS TRACKER ACCOUNT IN ISAAC

If you install your key, immediately thereafter a pop-up menu will appear that provides you prompts to create a GPS Tracker account.

Alternatively, use the command "Device/GPS Tracker Login/Register…"
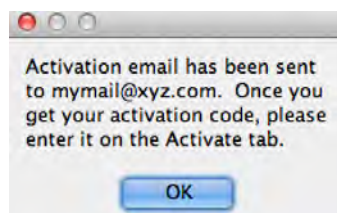

Click on the Register tab:

Enter your email address and password for your account
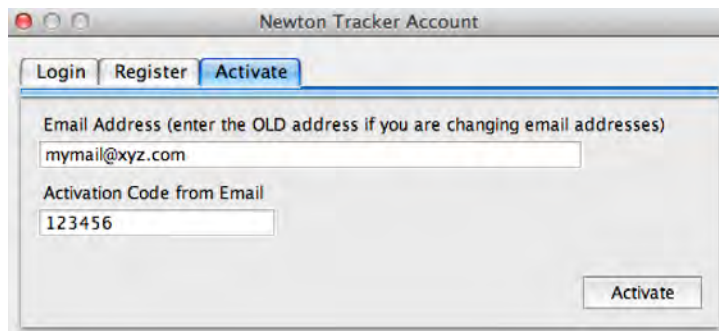
Click the Register button

An activation email will be sent to the email address you type (for example, "mymail@xyz.com":
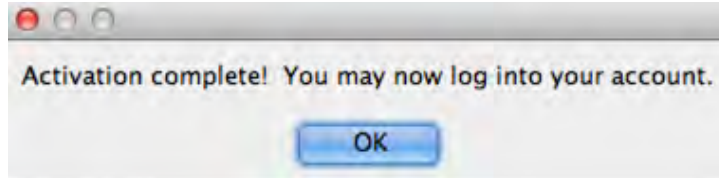

Click OK

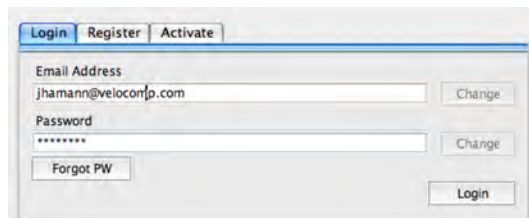An activation code will be sent to your email address. After you receive the email select the Activation tab, then enter the code (123456 in this example).

Click the Activate button in the lower right corner.

After a few moments Isaac will provide you an acknowledgment:

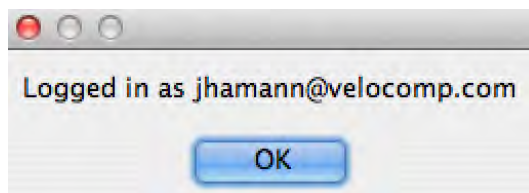Finally, click the Login tab and enter your email address and password. Then, click the Login button in the lower right.

You'll get login confirmation. **You won't have to login again**...

Your GPS Tracker account is now set up and Isaac will automatically find GPS Tracker data that corresponds to your ride data.

5) LOG IN TO YOUR GPS TRACKER ACCOUNT ON YOUR TRACKER APP

- iOS: launch the "Velocomp Tracker" app

- Android: launch the "Newton Tracker" app

- Tap the "Settings" button

- Tap "Connection Information". Enter the email address and password you used for Isaac login

- Tap "Done". You'll get a checkmark confirmation that you've been logged into Isaac and that email and password are verified.

- Click the Done button to return to main screen.

You won't have to repeat the app login steps again.

6) (OPTIONAL) INSTALL GOOGLE EARTH ON YOUR COMPUTER

1) GPS Tracker displays its GPS information through Google Earth software, available for free here: www.**google**.com/**earth**/**download-earth**.html
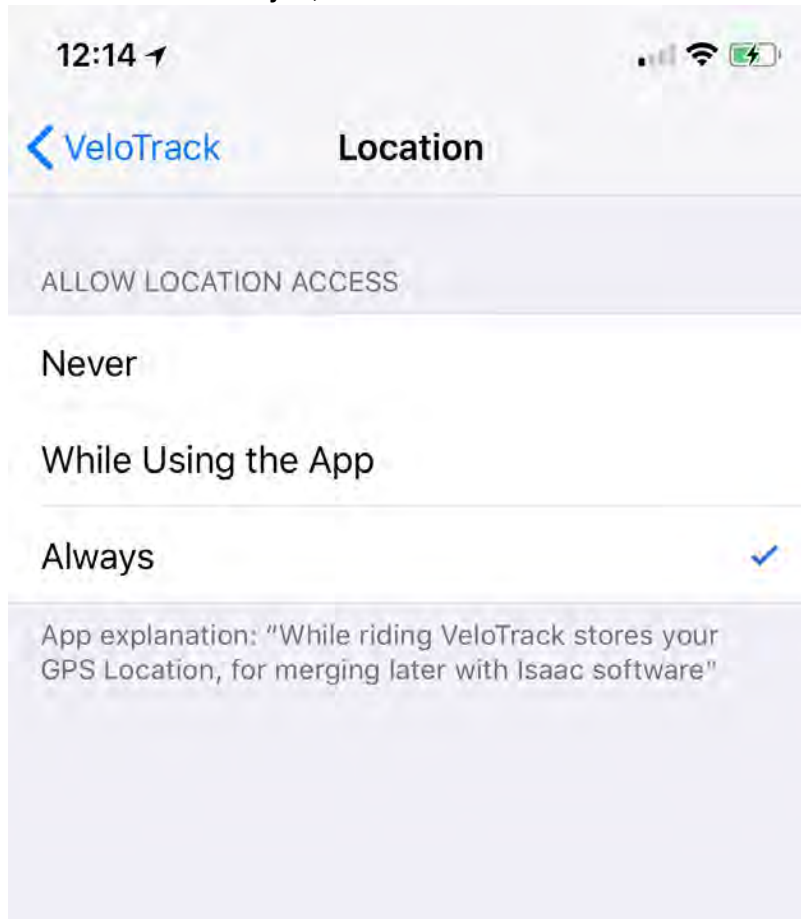
2) Install Google Earth on your computer

Once you've completed these one-time setup steps, you're ready to use the Tracker app

ONE TIME SETUP IS COMPLETE. YOU ARE NOW READY TO USE GPS TRACKER!

USING THE APP

- **iOS only**: After installing the Velocomp Tracker app, go to "Settings/VeloTrack/Location", and make sure Allow Location Access is set to "Always",

- iOS: launch the "Velocomp Tracker" app. Android: launch the "Newton Tracker" app. If on the opening screen, tap "Get Started" button to get to the Start Ride screen

- At the start of the ride, tap the "Start Ride" button

- The Tracker app will record your GPS information. After a few seconds your smartphone display will go to sleep, to save power; however, the Tracker app will continue to run in the background

- At the end of the ride, Tap the "Done" button. Your Tracker app will upload GPS data automatically to the cloud and you will get a confirmation message.

NOTE: If your data doesn't upload to the cloud (for example, because you don't have a cell phone signal where you end of your ride), you'll get a message saying that data hasn't been uploaded.   **DON'T WORRY**: You can upload your data at any time later by tapping the "My Rides" button, tapping the ride you wish to upload, then tapping the "Isaac" button.

NOTE: It's OK if you upload the same GPS Tracker data more than once

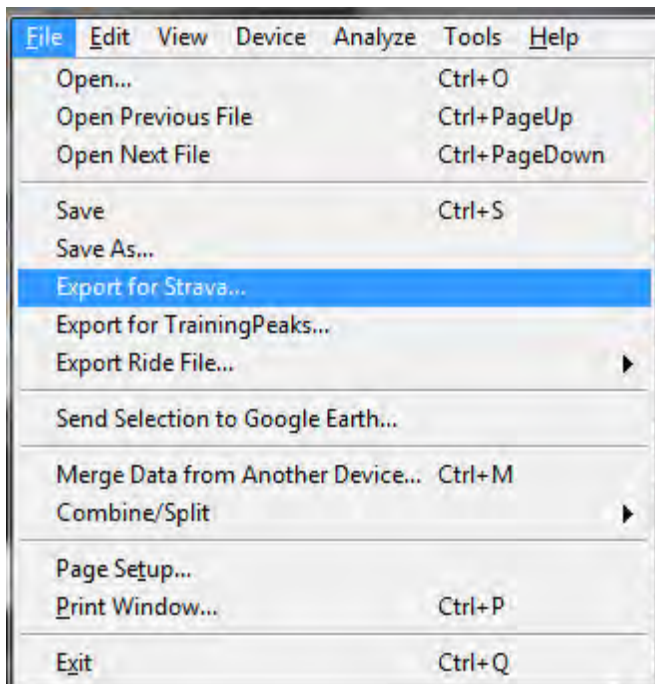**MERGING GPS TRACKER INFORMATION IN ISAAC**

- Attach your Device to your computer and download your ride file with Isaac

- Isaac will automatically merge your GPS Tracker data from your cloud account.

- Save your ride file; GPS data will be saved with it!

VIEWING YOUR GPS DATA IN GOOGLE EARTH

In the main window of Isaac you'll see the Google Earth (GE) icon turn blue, indicating that GPS data is available. Click the Google Earth icon to see your GPS data. Select "Send to Google Earth". In a few seconds your track will appear in Google Earth
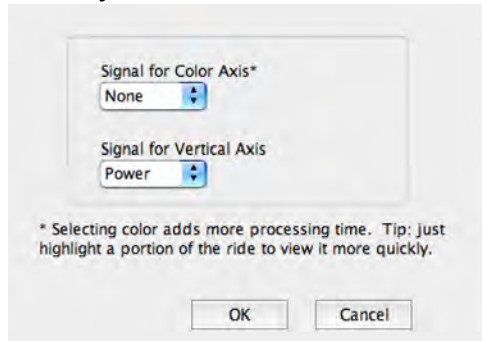
EXPORTING YOUR DATA FOR STRAVA/TRAINING PEAKS

In Isaac, use the "FileExport for Strava…" or "File/Export for TrainingPeaks…" command:
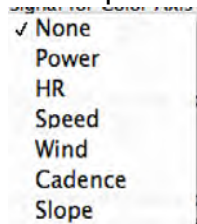

Isaac will create ride file with GPS data that can be imported into the application you selected.

COOL FEATURES

1) In Isaac, if you highlight a portion of your ride in the main window, when you click the GE icon, you'll see exactly where that portion of the ride was located on your route
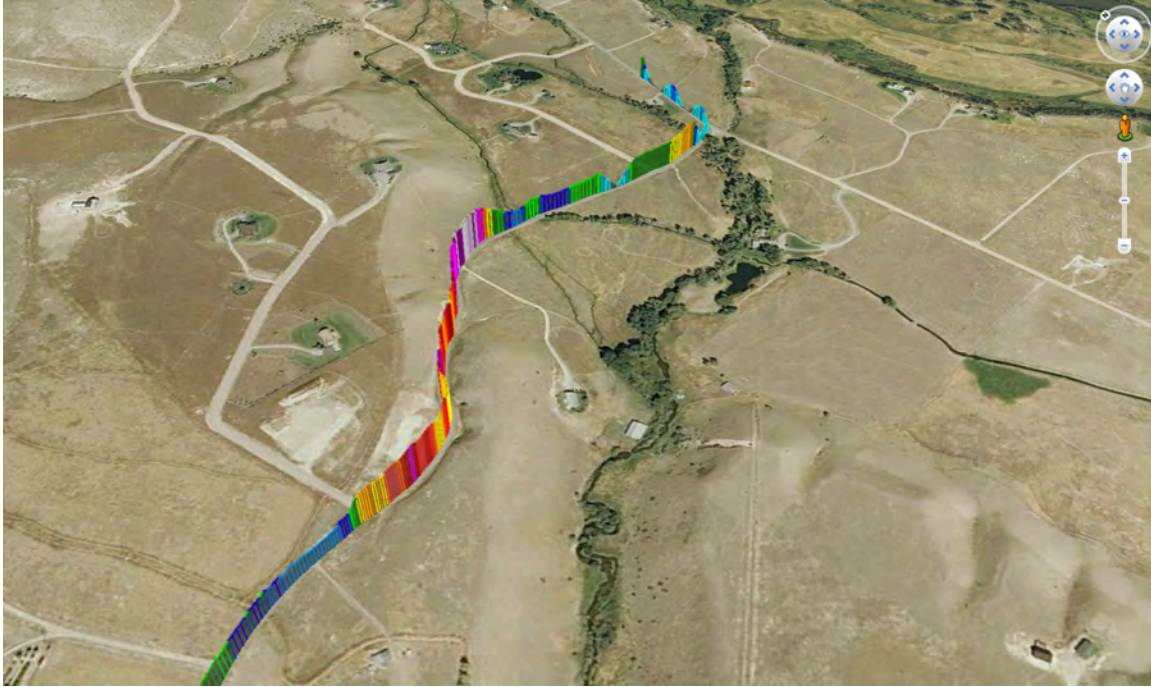2) When you click the GE icon, a dialog box will appear:

This dialog box allows you to choose the information you display on your GE map. You can select any of the following:
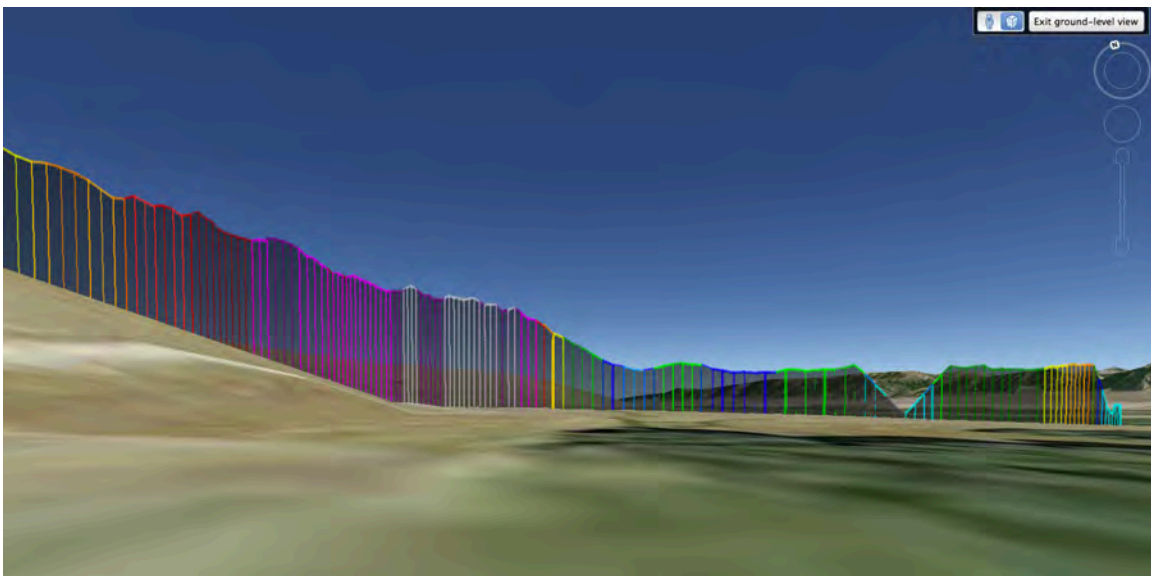

Try playing with it; you can get some pretty amazing insights into your cycling!

3) Also try the "street view" feature. You'll get a whole new perspective on your riding!

"NORMAL" GOOGLE EARTH VIEW

"STREET VIEW" OF CLIMB; POWER AND POWER BANDS SHOWN IN THIS VIEW

SUPPORT

- Join the large community of Velocomp power meter enthusiasts at

www.velocompforum.com

- And make sure to follow us on Facebook and Twitter:

https://www.facebook.com/RideVelocomp/

https://twitter.com/iBikepower

Still have questions? Email us at technicalsupport@velocomp.com   We'll get back to you quickly!