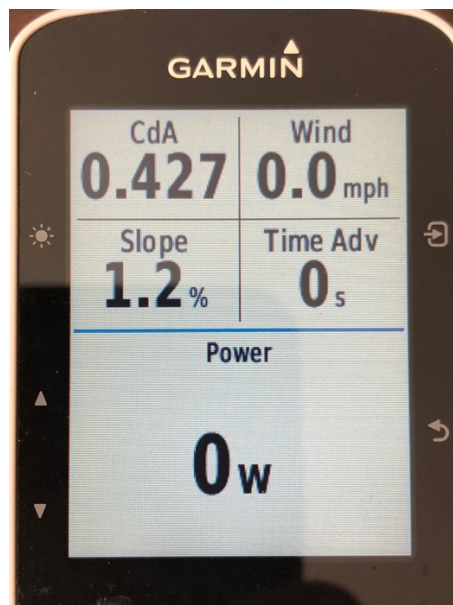


**Setting up Garmin Connect IQ app for
AeroPod™ CdA measurement
or
PowerPod V3 slope and wind measurement
July 2019**



Introduction

AeroPod® transmits live CdA, Wind speed, hill slope, Time Advantage, and power data by ANT+.

PowerPod® V3 transmits live wind speed and hill slope data by ANT+.

Using the AeroPod Connect IQ app, compatible Garmin bike computers with Connect IQ capability will display AeroPod power, CdA, Time Advantage, wind speed and slope data.

Using the AeroPod Connect IQ app, compatible Garmin bike computers with Connect IQ capability will display PowerPod V3 power, wind speed and slope data (CdA and Time Advantage fields will be fixed, unchanging values)

These instructions tell you how to set up and use your Garmin to display these special data fields on your Garmin.

REMEMBER: THOUGH THE APP IN THESE INSTRUCTIONS USES THE “AEROPOD CDA” NAME, YOU WILL GET LIVE CDA DATA ONLY IF YOU ARE USING AN AEROPOD!

Setup is a very simple, one-time process; most of the effort involves navigating your Garmin's screens, something over which we have no control... 😊

Just follow the instructions!

For information regarding attaching AeroPod/PowerPod V3 to your bike, and pairing AeroPod/PowerPod V3 to your ANT+ sensors, please consult the **Installation Instructions**, included with your AeroPod/PowerPod V3.

Step 1. Make sure your Garmin bike computer is Connect-IQ compatible





















Many, but not all, recent-vintage Garmin bike computers can be used with Connect IQ apps.

Garmin's website shows all Garmin products that work with Connect IQ apps. Here is where to get Garmin's most recent list of compatible devices:

<https://developer.garmin.com/connect-iq/compatible-devices/>

Here is a list of compatible Garmin devices, as of August 2018

Connect IQ Devices

Connect IQ 2 (Biker Monkey)		
 Approach® S60	 D2™ Charlie	 Descent™ Mk1
 Edge® 520	 Edge® 820	 Edge® Explore 820
 Edge® 1000	 Edge® Explore 1000	 Edge® 1030
 fenix® 5	 fenix® 5S	 fenix® 5X
 fenix® Chronos	 Forerunner® 735XT	 Forerunner® 935
 Oregon® 700, 750, 750t	 quatrix® 5	 Rino® 750 & 750t
 vivoactive® HR	 vivoactive® 3	

NOTE: IF YOU DON'T SEE YOUR GARMIN ON THE CONNECT-IQ COMPATIBLE LIST, YOU LIKELY WON'T BE ABLE TO SEE AEROPOD/POWERPOD CDA, WIND AND SLOPE DATA ON YOUR GARMIN.

Step 2. Download Velocomp CdA app to your computer's desktop

Use this link to find the most recent version of the Velocomp CdA app. The app will be shown as a .zip attachment

<https://tinyurl.com/Velocomp-CdA>

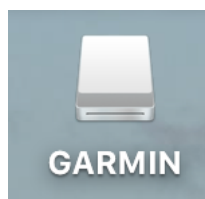
Place the downloaded .zip file on your computer's desktop, then double click it to unzip the file. You will now have the file "AeroPod_ConnectIQ_CdA.prg" on your desktop.

Step 3. Connect your Garmin to your computer

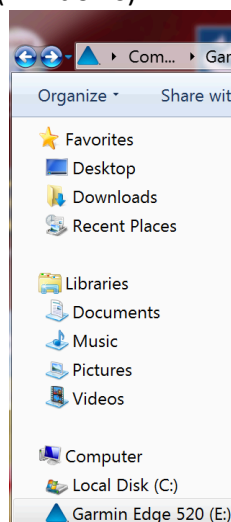
Using your Garmin's USB cable, connect your Garmin to your computer. Make sure your Garmin is turned on!

NOTE: IN THESE INSTRUCTIONS THE GARMIN 520 IS USED. YOUR GARMIN MODEL MAY BE DIFFERENT

Once your Garmin is connected to your computer, you will see a USB drive named "GARMIN" appear on your desktop (Mac OS), or as the "E" drive (Windows)



Mac

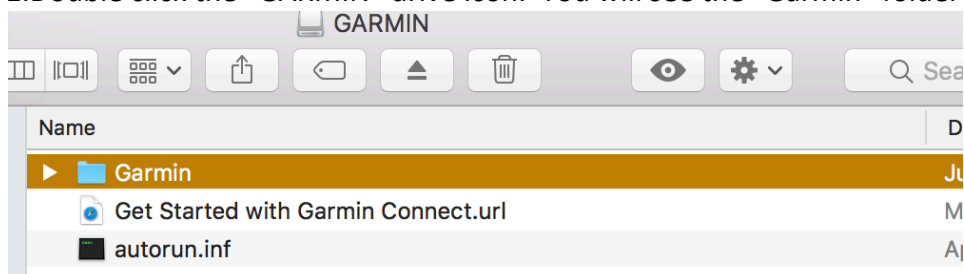


Windows

Step 4. Open the "Garmin/Apps" folder located in the Garmin USB drive

Mac:

1. Double click the "GARMIN" drive icon. You will see the "Garmin" folder



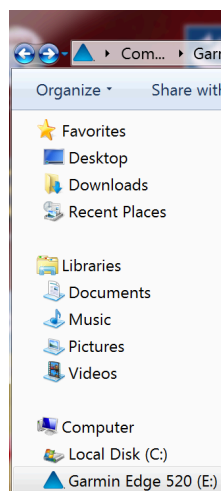
2. Click the > to the left of the Garmin folder to open the folder. You will see the “Apps” folder. Click the > to the left of the “Apps” folder. You will see this:

Name	Date Modified
Garmin	Jul 19, 2018 a
gmapbmap.img	Mar 13, 2011 e
Text	Jan 23, 2018 ;
Activities	Jul 18, 2018 a
gmaptz.img	Jul 19, 2018 a
RemoteSW	Jul 18, 2018 a
Debugging	Dec 31, 1969
Apps	Jul 18, 2018 a
68DB0542.PR	Jul 18, 2018 a
1ABA4.PR	Aug 23, 2018
LOGS	Dec 31, 1969
DATA	Dec 31, 1969
OUT.BIN	Today at 4:11
IN.BIN	Jul 18, 2018 a
MAIL	Dec 31, 1969
SETTINGS	Dec 31, 1969
TEMP	Dec 31, 1969

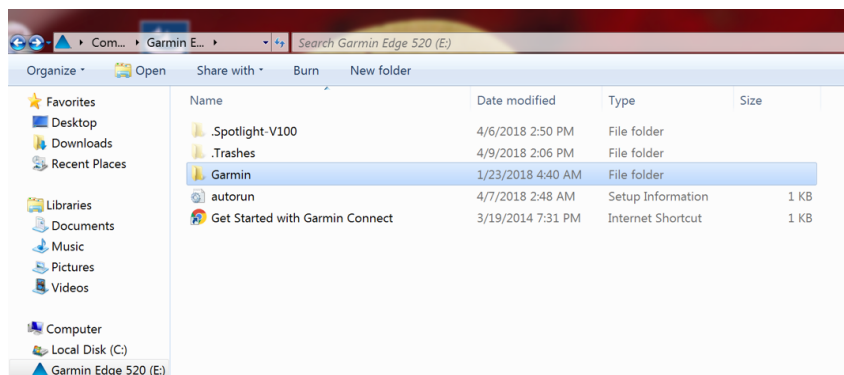
If you don't see an “Apps” folder, then your Garmin model is NOT a Connect IQ-compatible model, and the AeroPod app cannot be installed.

Windows:

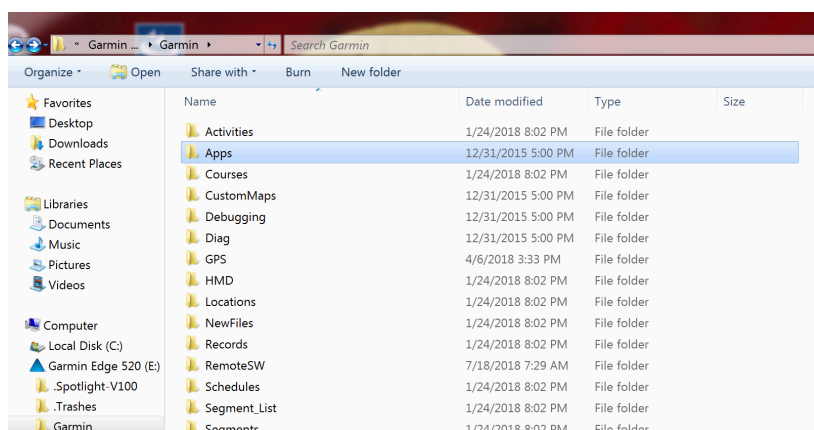
1. You will find your Garmin E drive under the “Start/Computer” setting.



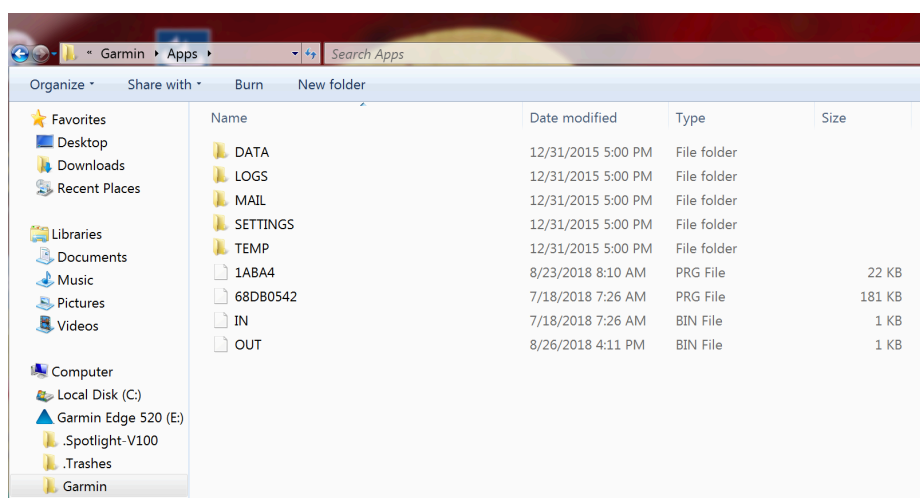
2. Double click on the Garmin E drive. You will find the “Garmin” folder



3. Double click on “Garmin” folder, to find the “Apps” folder



4. Double click on the “Apps” folder to open it:



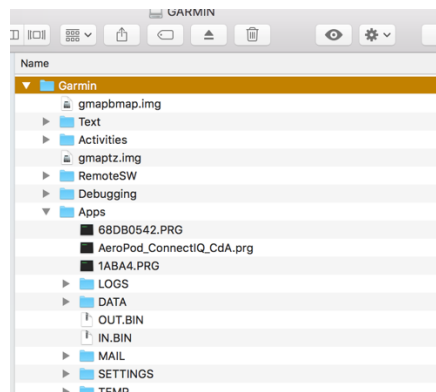
If you don't see the “Apps” folder, then your Garmin model is NOT a Connect IQ-compatible Garmin, and the AeroPod app cannot be installed.

Step 4: Install the AeroPod_ConnectIQ_CdA.prg app on your Garmin

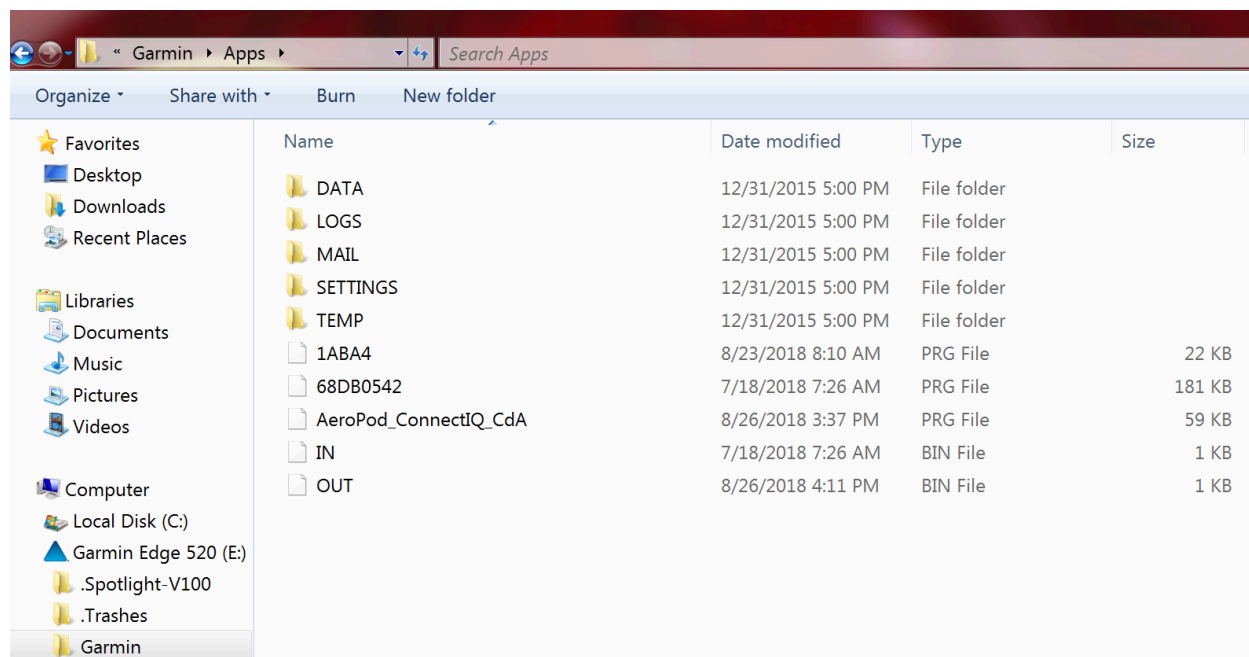
Mac and Windows:

Drag/drop the “AeroPod_ConnectIQ_CdA.prg” file into the Apps folder. You will see the “AeroPod_ConnectIQ.CdA.prg” file appear in the Apps folder:

Mac



Windows:



The AeroPod app is now installed on your Garmin

Step 5: Unplug your Garmin from your computer

Step 6: Pair AeroPod or PowerPod V3 to your Garmin

1. Wake up your bike sensors
2. Make sure AeroPod or PowerPod V3 has been paired to your bike sensors
3. Wake up your AeroPod/PowerPod V3
4. Follow the instructions of your Garmin to pair AeroPod/PowerPod V3 to your Garmin

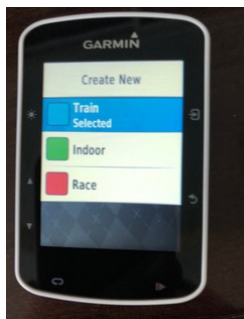
Step 7: Find, highlight and select the Settings screen (Edge 520 shown below)



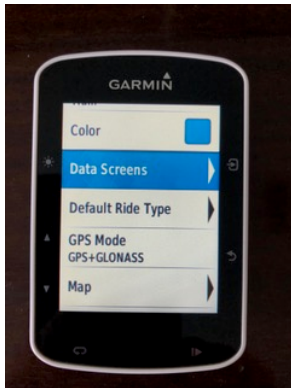
Step 8: Find and Select “Activity Profiles”:



Step 9: Select the Activity Profile where you want to see the CdA screen. In this example, “Train” is the Activity Profile selected:



Step 10: Select “Data Screens”

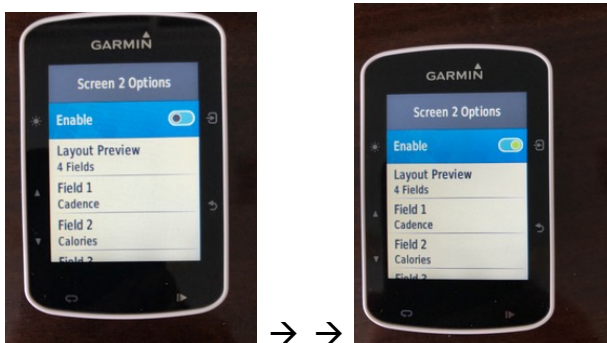


Step 11: Set up a new screen with 2 fields

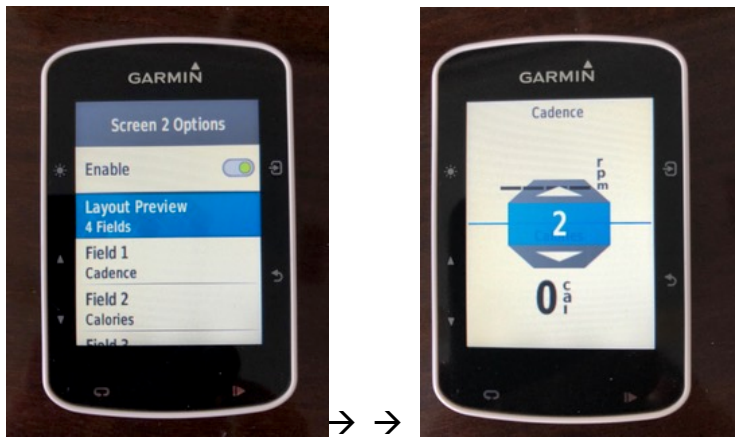
(Note that in this Garmin, only Screen 1 was active. Screen 2 was off and was pre-programmed for 4 fields. Your Garmin may show something different)



Select screen 2, and enable it:

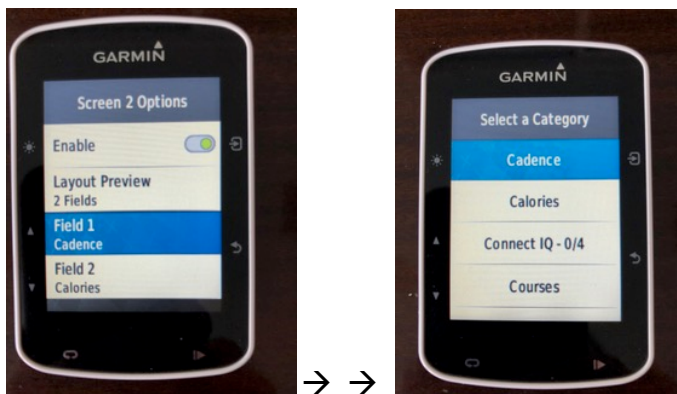


Step 12: Select “Layout Preview”, and change “Layout Preview” from 4 fields to 2 fields



Step 13: Set “Field 1” to AeroPod CdA

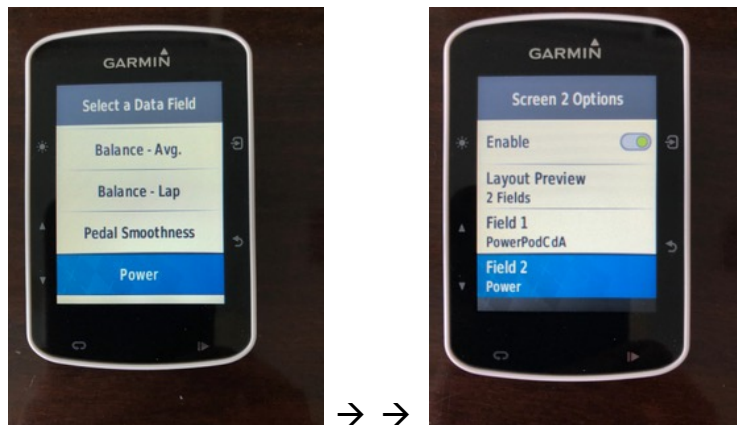
1. In this device Field 1 was pre-set to Cadence



2. Scroll down to “Connect IQ” and select “AeroPod CdA” for Field 1

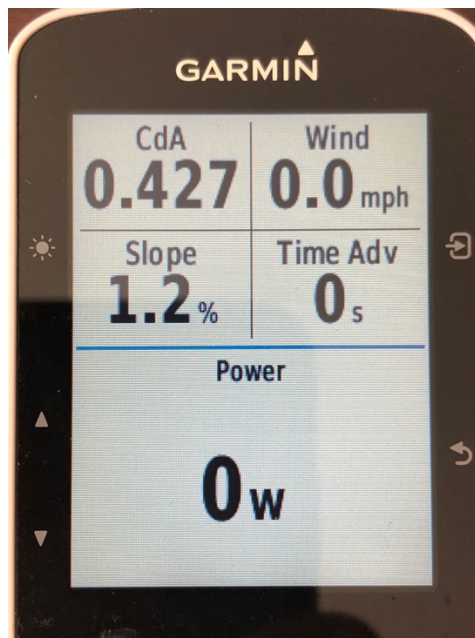


Step 14. Set Field 2 to “Power”



Step 15: Ready to Ride!

AeroPod: Whenever you start a new ride, turn on Garmin and your AeroPod (solid green), then start riding. When riding with AeroPod, Screen 2 of your selected profile will show live AeroPod CdA data: CdA, Wind, Slope, and Time Advantage



PowerPod V3: Whenever you start a new ride, turn on Garmin and your PowerPod V3 (solid green), then start riding. When riding with PowerPod V3, Screen 2 of your selected profile will show live wind and slope data. CdA will be fixed at the value determined during setup, and Time Advantage will show a fixed value of “0”.