

Garmin 820 Settings Note 9th June 2020

These are the settings I use and they may or may not be appropriate for other people's needs.

Before detailing the settings I should say something about the routes I use.

I normally create routes using <https://www.plotaroute.com/> and try to ensure that the number of course points is not more than about a thousand. I have created routes with other systems such as Strava and ride with GPS but I don't often do this.

I usually download the routes as a TCX. I have used GPX in the past but most commonly TCX.

I usually copy the routes in to the <newfiles> folder on my Garmin. I have had routes synced from Garmin Connect and I have had routes supplied by third parties (both TCX and GPX) which I've put into <newfiles>. Sometimes when a third party supplies a route they advise on certain Garmin settings.

I never select <navigate to start> when I select <ride> . My routes usually start a few hundred meters from where I start riding so I ride to the start and the 820 gives the message <course found> when I pass the start point.

I checked the load time of a 100 mile ride and it took approximately 50sec to load from selecting ride to completing calculating. The ride was created on <https://www.plotaroute.com/> and has 1010 course points. I have done the ride and I get turn by turn directions etc. It also is fine if stopped and started at coffee stops. I have also left the route on short detours - when leaving the route I get a Course Lost message on the 820. When rejoining the route the Garmin gives a Course Found Message. When turn direction are given the Garmin Displays the Map - so you do not need the map displayed all the time. Roundabouts are sometimes displayed strangely when the turn by turn direction comes up - that may be a map issue.

Garmin Edge 820 Configuration

Software Version 12.50

GPS Version 2.50

TSC Version 86.03.00

I hope this is all correct but I can't guaranty no mistakes or that these settings are appropriate for others.

Settings

Some of these settings are as they are because I've never changed them. It all seems to work for me. I hope you can follow my notation.

When I use ≡ I mean the three bar symbol normally found at the bottom right or left of the screen

From Home screen <Navigation> -> <courses> -> <Saved Course> ≡ ->

- Turn guidance [on]
- Off Course Warnings [on]
- Segments [on]

From Home screen ≡ -> <Settings> -> <activity Profile> -> [Select the Profile you use] ->

- Default Ride Type [Road]
- GPS Mode [GPS]
- Navigation ->
 - Map ->
 - Orientation [Track Up]
 - Auto Zoom [On]
 - Map Detail [More]
 - Guide Text [Always Display]
 - Map Visibility [Auto]
 - Map Information [Select Map] -> All Maps are enabled as follows
 - Enabled - INTL Standard Baseman, NR
 - Enabled - Garmin Cycle Map EU, North East, 2020.10
 - Enabled - Garmin DEM Map EU 2017.20
 - Enabled - Geocode Map EU 2020.10
 - Enabled - Garmin Cycle Map EU, South West, 2020.10

- Routing ->
 - Popularity Routing {toggle Selected}
 - Routing Mode [Road Cycling]
 - Calculation Method [Minimize Distance]
 - Lock on Road [Off]
 - Recalculation [Off]
 - Avoidance Setup -> {all toggles set to off}

- Navigation Prompts [Map]

Alerts -> {I don't think these will affect anything}

Auto Features ->

- Auto Lap [Off]
- Auto Pause [Custom Speed 0.2 km/h]
- Auto Sleep [toggle off]
- Auto Scroll [Off]
- Timer Start Mode [Prompted 10.00 km/h]