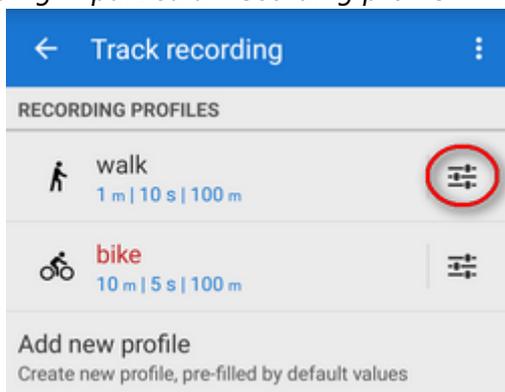


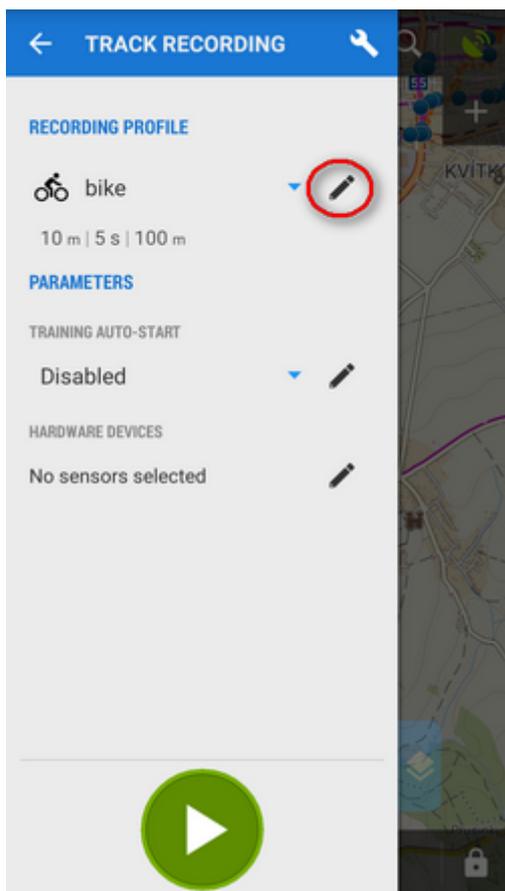
Recording Profiles Settings

Tracks are recorded in Locus within a particular recording profile which is a set of parameters defining various aspects of the recording. Settings of these parameters can be accessed from:

- *Locus settings > Track recording > particular recording profile* 

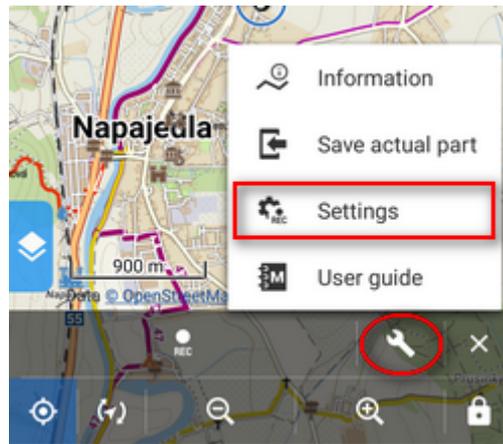


- slide-out track recording control panel > Track recording settings > particular recording profile

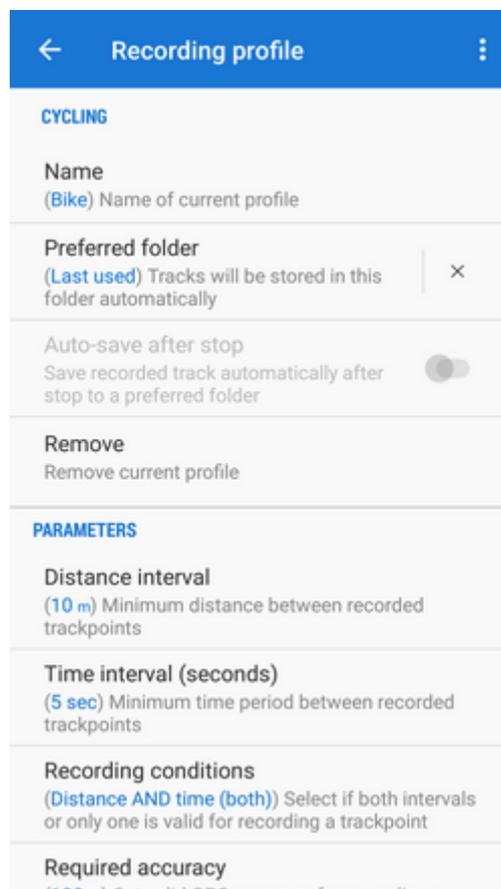


- * bottom track recording control panel > Track recording settings > particular recording profile





In these settings you can edit an already created profile. If you want to add a new one (Locus Map Pro only), go up one level in the settings hierarchy (*settings > track recording*).



Title - recording profile activity



Recording profile activity is set by default and cannot be changed. If you need a profile with an activity that is not set by default, you have to **create a new recording profile** (Locus Map Pro only)

- *Name* - insert name of the profile
- *Preferred folder* - select which folder will be used for storing recorded tracks from this profile.

Default is *Last used*. If you need a new folder, please go to the [track manager](#) first.

- *Auto-save after stop* - check to save recorded tracks automatically into the preferred folder immediately after the recording is stopped. Option is active only when other than *Last used* folder is selected.
- *Remove* - deletes profile, available only to Locus Map Pro users

Parameters

- *Distance interval* - sets distance between recorded trackpoints. The slower movement, the shorter the distance should be.
- *Time interval* - sets time period between recording two trackpoints. The slower movement, the longer the period should be.
- *Recording conditions* - defines method of trackpoint recording based on distance and time intervals:
 - *Distance AND time* - both intervals at once trigger trackpoint recording - smoother line but less accurate
 - *Distance OR time* - one of the intervals triggers trackpoint recording - very accurate but a lot of trackpoints recorded
- *Required accuracy* - sets maximum acceptable range of GPS accuracy for recording trackpoints
- *Record only when moving* - track recording is running only provided Locus Map detects movement of the device. If not, the recording is paused.



Sometimes, location indicator is moving on map even when speed is 0 m/s. That is caused by post-processing of raw GPS data in the device and insufficient amount of data. By enabling this feature, Locus Map stores only correct trackpoints.

- *Record when GPS is off* - track recording proceeds even if the GPS signal is out, e.g. in buildings. Location is acquired by wifi and mobile networks and can be approximate only.



“Accuracy” of such a recording can oscillate kilometers from your real location or such recording can be stopped due to low value in the *Required accuracy* parameter.

Style on map

- *Limit trackpoints on map* - limits number of visible trackpoints of actually recorded track. Recommended for long or frequent routes. Too long recording (too many trackpoints) may slow down the display of maps.
- *Number of trackpoints* - defines number of visible recorded trackpoints on map in order to secure smooth running of the app
- *Color style of recorded track*
 - *Simple color* - whole track is in single color
 - *Speed* - color of the track changes depending on recorded speed
 - *Altitude* - color of the track changes depending on recorded altitude

- *Accuracy* - color of the track changes depending on GPS accuracy during recording
- *Change of speed* - color of the track changes depending on recorded change of speed
- *Change of altitude* - color of the track changes depending on recorded change of altitude
- *Heart rate* - color of the track changes depending on recorded heart rate monitored by some connected ANT+ or Bluetooth sensor
- *Cadence* - color of the track changes depending on recorded cadence monitored by some connected ANT+ or Bluetooth sensor
- *Track color and transparency* - sets track color and transparency in case simple color style is selected
- *Track width* - sets width of recorded track in units selected in another parameter
- *Track width units* - sets width units, meters for absolute track width or pixels for relative width on map

Advanced settings

- *Training auto start* - defines a **training audio scheme** to be launched simultaneously with the track recording
- *Automatic export* - sets automatic export of recorded track to files or web services. The setting dialog is the same as in the **Track export** except of a new button - **Set** - that confirms the export selection
- *Hardware devices* - here you can define **bluetooth** or **ANT+** devices connected to the phone that should be started simultaneously with the track recording
- *Live tracking auto-start* - defines a **Live tracking** event to be launched simultaneously with the track recording

From:
<https://docs.locusmap.eu/> - Locus Map Classic - knowledge base

Permanent link:
https://docs.locusmap.eu/doku.php?id=manual:user_guide:tracks:recording:profiles_settings&rev=1496309015

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