

# GPS & Location

---

## Global settings

*Run at startup*<html><br></html> Sets the way GPS turns on at Locus Map startup:

- Always - GPS turns on always when Locus Map is started
- Previous state - GPS turns on or stays off according to last Locus Map session
- Never - GPS never turns on at Locus Map start

*Altitude manager*<html><br></html> Sets options to improve altitude measurement. More about it [here >>](#)

## Notification settings

*Position acquired*<html><br></html> Notifies user of the GPS acquiring location of the device.

*Position lost*<html><br></html> Notifies user of the GPS having lost location of the device.

## Disable/enable GPS

*Disable when hidden*<html><br></html> Disables GPS when the screen is turned off or the app is minimized and GPS is not required by any other function

*Track recording*<html><br></html> Keeps GPS on during the track recording even if the app is minimized, screen is off and the recording paused.

*Guiding*<html><br></html> Keeps GPS on during guiding even if the app is minimized and screen is off.

## Bluetooth GPS

*Bluetooth GPS*<html><br></html> Launches the [Bluetooth manager](#) to enable GPS from a bluetooth device instead of the internal GPS. The advantage is better GPS accuracy and lower phone battery consumption.

## Internal GPS auto-off

*GPS auto-off*<html><br></html> Allows automatic GPS turning on/off according to pre-defined options:

- *GPS update interval* - sets time between GPS attempts to acquire location. Values of more than 60 seconds save battery life.

- *Min accuracy* - sets minimum accuracy to keep GPS on. When the accuracy is lower due to few detectable satellites GPS turns off.
- *Max search time* - sets maximum time for GPS signal searching. If the GPS fix is not secured within this period, GPS turns off.

*Keep auto-off enabled* [\*<html><br></html>\*](#) Keeps GPS auto-off enabled even if Locus Map is active and screen is on.

## Advanced settings

*Altitude correction* [\*<html><br></html>\*](#) Defines GPS altitude correction in [Altitude manager](#).

*3D skyplot mode* [\*<html><br></html>\*](#) Switches between 2D and 3D display of the skyplot that is available under the [GPS/compass button](#) on the main screen.

*Record NMEA* Record GPS NMEA to data/nmea directory when GPS is on or in time of active track recording

*Reset A-GPS data* Force your GPS to reload online Assistant GPS data.

*... Altitude manager - settings* ..... Altitude offset Use altitude offset Define offset between real and GPS altitude

*Pressure sensor* Use pressure sensor Measure precise altitude by pressure sensor .... Altitude filter Apply filter to altitude. Heavier filters cause less fuzzy altitude values but slower reaction on altitude changes.

*Offset* ..... Enable Altitude offset in settings tab before setting offset parameters. ....

*Pressure* ..... Enable Pressure sensor in settings tab before setting pressure parameters.

*Automatic* Automatic calibration according to GPS

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

Permanent link:  
[http://docs.locusmap.eu/doku.php?id=manual:user\\_guide:settings:gps&rev=1423736380](http://docs.locusmap.eu/doku.php?id=manual:user_guide:settings:gps&rev=1423736380)

Last update: **2015/02/12 10:19**

