GPS/Compass

The **GPS/Compass button/indicator** can be placed in one of the **Functions panels**:
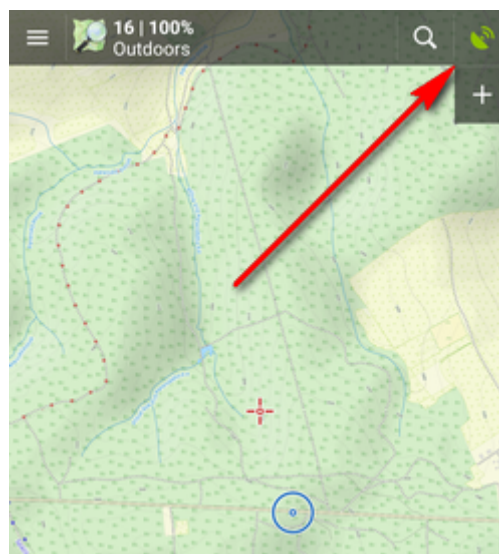


It indicates your **internal GPS status**:

- ☍ - acquiring of location is **disabled**

- 🛰 - searching for location but valid location **not found yet**, location on the map is marked by an *orange circle*

- 🛰 - the same as above, but *Internal GPS Auto-off* is **enabled** (see more in GPS settings >>)

- 🛰 - current location is **valid** (GPS is fixed), location on the map is marked by a *blue circle*

- 🛰 - the same as above, but *Internal GPS Auto-off* is **enabled** (see more in GPS settings >>)

The **GPS/Compass button** switches on a separate two tabbed window displaying GPS skyplot and Compass. When you **hold** the GPS/Compass button, a menu appears for a **fast switch of GPS status**.

GPS

The first tab displays the **skyplot** - placement of monitored GPS satellites and other useful information like current *altitude*, *speed*, *GPS accuracy*, *current coordinates*, *number of fixed/visible satellites* and *time of the last GPS fix*.
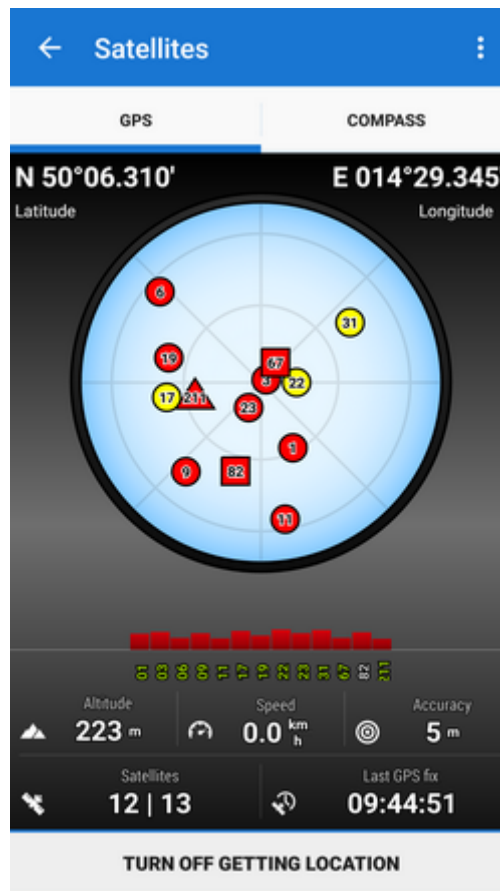

Legend

- *Circles* - satellites of U.S. Global Positioning System
- *Squares* - satellites of the Russian Glonass positioning system
- *Triangles* - satellites of Chinese Beidou system
- *Rhombus* - satellites of European Galileo system
- *Color* - signal quality (red - low, yellow - middle, green - high)
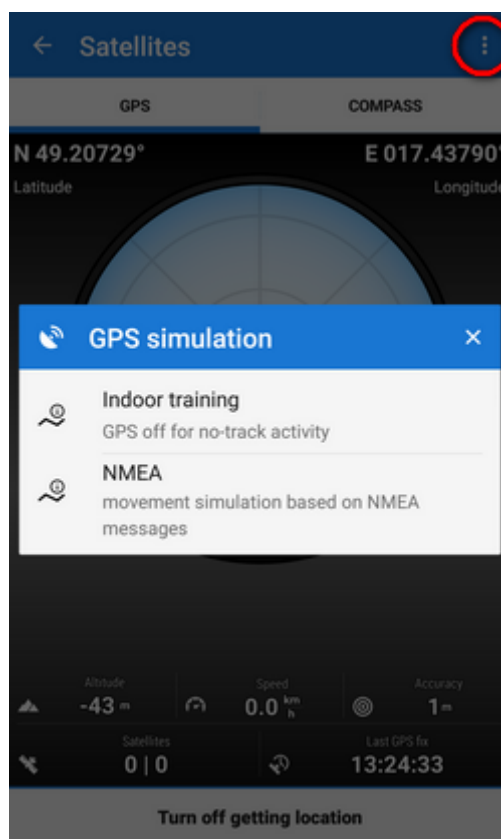- *Height of bars* - signal to noise ratio

Tapping the skyplot or the button in the bottom **switches GPS on/off**.

Topbar menu
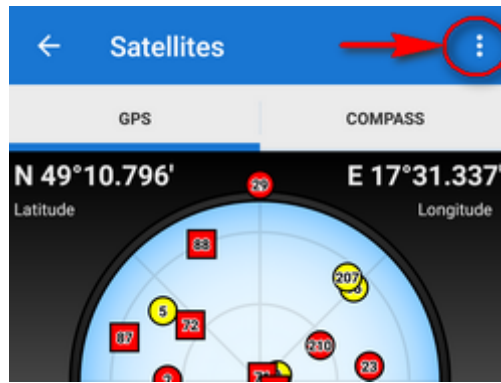
Topbar menu contains shortcuts to several items of your device sensors' settings:

- **Bluetooth manager**
- **Altitude manager**
- **GPS simulation**:

  - **Indoor training** - turn on when you need to record your indoor workout
  - **NMEA** - simulation of movement read from NMEA messages
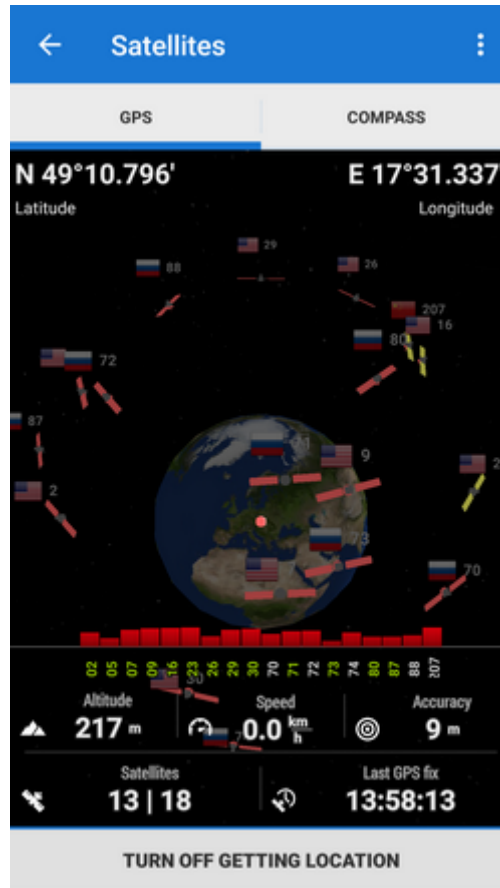   Active simulation is indicated red:
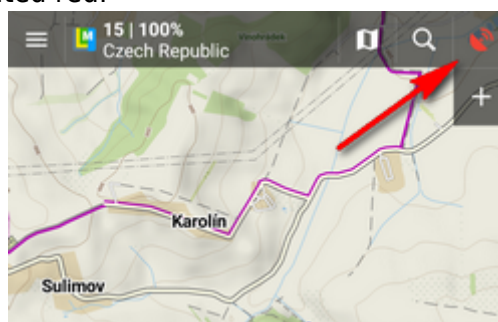
- **Settings**:
  - **GPS and sensors**
  - **System settings** - direct link to your device operation system settings of location

3D skyplot

The skyplot can be switched into a 3D version:

Settings > GPS&location > 3D skyplot mode - check

The globe can be enlarged by pinch zooming and rotated.

Compass

The other tab displays the **compass**, *azimuth, distance of your navigation target and tilt of the phone*. Lower line contains also fields for *time to next waypoint* active in navigation and declination value.

The compass ring displays current position of **the Sun** in the sky .

Tapping the tilting indicators opens a menu offering sensor calibration.

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

Permanent link:
<https://docs.locusmap.eu/doku.php?id=manual:user_guide:tools:gps>

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