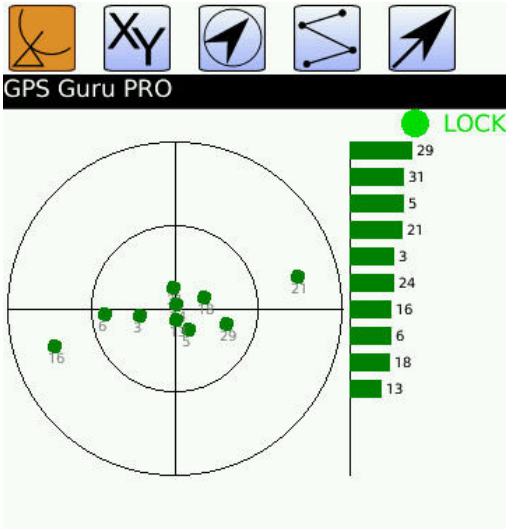
GPS Guru Manual

By Aztux Ltd (www.aztux.com)

Satellite Screen

GPS Guru will start up displaying this screen. This screen gives you an indication of how many satellites the GPS Guru can see, and the relative signal strength. The centre circle also shows you approximately where in the sky the satellites are, with north being up.



Once WAIT turns to LOCK you have a valid GPS lock.

You must be stood outside, away from tall buildings and not moving when you first start GPS Guru. Wait until WAIT changes to LOCK before moving out. It may take a few minutes.

Data Screen (XY)

The data screen displays data obtained from your BlackBerry's internal GPS.

The first two lines show the Lattitude and Longitude respectively. The datum used is WGS 84.

The third line shows the speed that you are moving at. Sometimes you a BlackBerry's GPS will tell GPS Guru that you moving at a slow speed when you are in fact stood still – this means you have a poor signal lock – try getting a clearer view of the sky.

The fourth line shows the distance travelled.

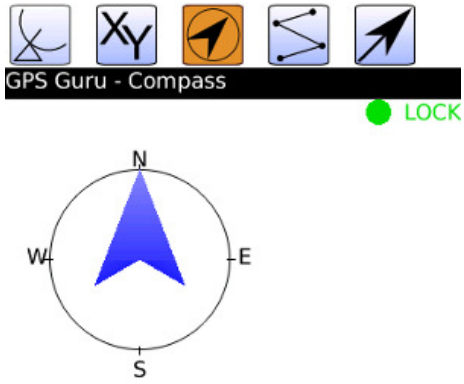
After the vertical rule is shown the altitude and the accuracy of your horizontal/2D lock.

For more on GPS and Altitude, please go to: http://gpsinformation.net/main/altitude.htm

Compass Screen

The compass screen shows your direction of travel.

BlackBerries do not contain a digital compass so your direction of travel is inferred from your movement; and hence, when you're stood still, the compass may not be accurate.



Track Screen

The track screen shows you where you have been since starting GPS Guru.

The buttons on the right allow you to zoom in and out.

The X button will delete the currently recorded track.

The GPX button will save your currently recorded track to the SD card. You can then upload this to our website (Go to GPS Guru Home page and scroll down to click Track Visualiser).

Waypoint screen

The waypoint screen allows you to mark where you currently are, and navigate back to this point at a later date. It also allows you to enter co-ordinates for a point to navigate to.

The compass will point back to the point and indicate the distance from your current position.

This feature may give erratic readings when you get extremely close (less than 8-10 metres). This is because GPS is limited in its accuracy – you'll have to wait until Europe launches its new satellite positioning system before you can get better accuracy.