

GPS Newsletter – General

A Newsletter on System 500 GPS, Vol. 03, No. 04.

Introduction

The Leica Geosystems GS20 PDM (Professional Data Mapper) is conceived to provide the GIS community with GPS data collection that combines the simplicity of a recreational GPS handheld with the power and flexibility of a professional grade mapping system. The Leica Geosystems GS20 PDM represents a **true turnkey GPS/GIS mapping solution** by integrating the GPS receiver and antenna within the chassis of handheld data collector.

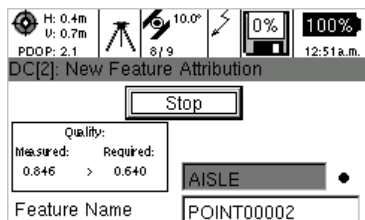
With the GS20 PDM, Leica Geosystems offers unmatched handheld accuracy with the freedom of cable-free operation with **Bluetooth™ wireless technology**. Featuring an intuitive interface as well as a **mobile phone styled keyboard**, the GS20 is the best choice for easy and accurate data collection.



GS20 Features

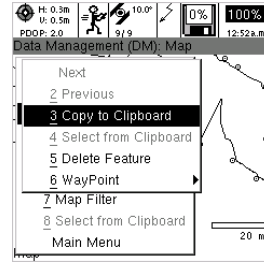
Quality Monitoring

Use the Coordinate Quality Monitor to measure GPS precision in the field and ensure data quality before you get back to the office.



Geo Clipboard

The Geo Clipboard makes it possible to easily **copy, cut, and paste features and nodes**, allowing separate features to share common nodes and multiple offsets from a single location. This gives the user the possibility to create new features in the field without measuring one single node in a line.



Power Page

Streamline fieldwork using the Power Page functionality to **switch instantly between user selected applications and menus**. Make your work effectively and easily. You can select different panels on the Power Page. For instance use the Data Collection, Data Management and the Satellite view to toggle between those three panels. Use the Power Page as a way to create your own way of effective work.

Wireless Cable free

The GS20 PDM has a **Bluetooth™** wireless technology allowing you get connected not only for realtime but also for the download and upload of Code lists, Waypoint projects, Coordinate systems and Language files. Bluetooth™ makes the GS20 the **first wireless submeter handheld GPS** on the market with the WoRCS (Wireless Realtime Correction System).



High Precision

If you are working in a harsh GPS environment like dense foliage or urban canyons use the GS20 with an external antenna to improve your signal availability. The High Precision external package provides demanding users a premium grade external antenna for increased reception and greater multi-path rejection.

Remember...

- The GS20 PDM is for GPS/GIS mapping.
- The GS20 PDM uses Bluetooth™ wireless technology.
- It integrates a GPS receiver and antenna within the chassis of handheld data collector.