

ERG Model 105G Quick Guide

Connecting A Geode GPS Receiver

- Note the serial number on the bottom of the Geode receiver you wish to connect to.
- In the RadScout software, go to File, Program Settings. Ensure Geode is selected in the drop down box and click the button next to the drop down menu.
- Select the Geode you wish to connect to and click Select. Click Save in the settings menu and connect to the receiver from the Settings menu, GPS, Connect. When the connection is successful, the light on the Geode receiver will turn solid blue.

Connecting to a Bluetooth Meter

- Note the serial number on the side of the Bluetooth modem on the side of the 2221 you wish to connect to.
- In the RadScout software, go to File, Program Settings. Ensure Bluetooth is selected in the meter drop down box and click the button next to the drop down menu.
- Select the serial number you wish to connect to and click Select. If the device does not show up in the list, click the refresh button to try again. Click Save in the settings menu and connect to the modem from the Settings menu, Meter, Connect. When the connection is successful, the light on the Bluetooth modem will turn solid blue.

Loading Background Files on the Data Logger

- Copy any shapefiles or world image files (.tif or .jpg) onto a removable disk drive. The files must be placed into a folder called 'RadScout' in the main directory of the drive (i.e. E:\RadScout\).
- Insert the removable drive into the data logger and open the RadSync application. The files will be displayed in the Import window. Note that files will only be displayed if they do not already exist on the data logger.
- Click the Synchronize button to copy the files to the data logger and remove the drive when complete.
- Open the RadScout software. If the shapefile background does not contain a .prj file, or if loading a world image file, the coordinate system must be defined in the File, Coordinate System menu.
- Click the Layers menu, Background Files and select the layers to add and click Done. Make sure the Show Background menu is checked in the Layers menu.
- Repeat the steps on all data loggers that required the background files.

Performing a Survey

- Create a new log file by clicking on File – Create menu.
- Enter any desired notes and click the Create button.
- Use the Start/Stop logging button in the upper right corner of the application to start and stop data logging.
- Change how the real-time data appears on the map by changing the legend settings in the Settings – Legend menu.

Exporting Survey Data to a Drive

- Ensure the RadScout software is closed. Enter the removable disk into the data logger and open the RadSync application. All files that have not already been transferred will be displayed in the Export window.
- Click the Synchronize button to copy all survey files to the disk. When complete, the disk may be safely removed.

Importing Survey Data on the Project Computer and Exporting to Shapefile/CSV

- Install the RadScene software on a computer that will be utilized for processing and storing data.
- Create a new project from the File, Project, Create menu.
- Insert the drive and click the Import tool.
- Click the Add Survey Files tool to add survey files to the map.
- Click the Export tool to export all loaded survey files to a single CSV or Shapefile. Select the desired export options and click export. By default, data will be exported to Lat/Lng coordinates. If a projection is desired, set the project coordinate system from the Settings tool and the option will become available in the Export window.