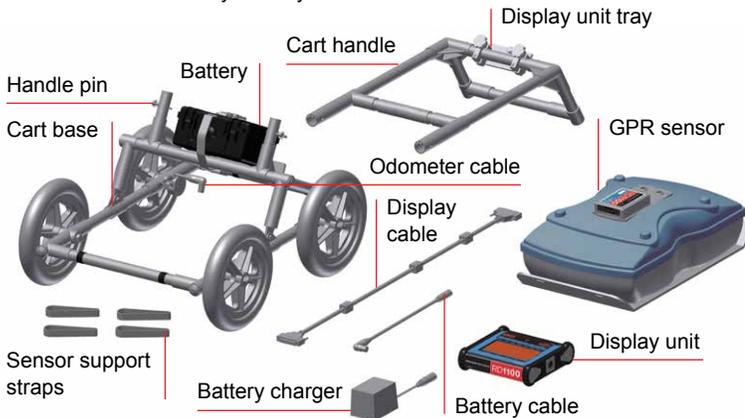


## RD1100 Quick Start Guide – Assembly Procedure

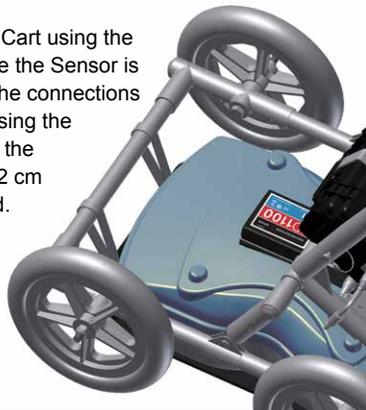
- 1** You will find the following components in your RD1100 box. Some of these may already be assembled.



- 2** Attach the Cart Handle to Cart Base using the Handle Pins. Ensure the Display Unit Tray is facing the operator.



- 3** Attach the GPR Sensor to the Cart using the Sensor Support Straps. Ensure the Sensor is oriented the correct way with the connections toward the back of the Cart. Using the Sensor Support Straps, adjust the height of the Sensor so it is 1-2 cm ( $\frac{1}{2}$  –  $\frac{3}{4}$  inch) above the ground.



- 4** Attach the Display Unit onto the Display Unit Tray on the Cart. The Display unit slides down into the tray, catching on both sides of the mount and is held in place with the pull pin. When a click is heard, the Display Unit is firmly in place.



- 5** Attach the Display Cable to the back of the Display Unit with the jackscrews. Connect the other end of the cable to the Sensor. Ensure the cable is routed as shown here.



- 6** Attach the Odometer and Battery Cables. The Odometer Cable connects to the closest receptacle on the Sensor. Attach the Battery Cable to the Sensor and the Battery. The system is now ready to use.



**Radiodetection Ltd. (UK)** Western Drive, Bristol BS14 0AF, UK. Tel: +44 (0) 117 976 7776 [rd.sales.uk@spx.com](mailto:rd.sales.uk@spx.com)

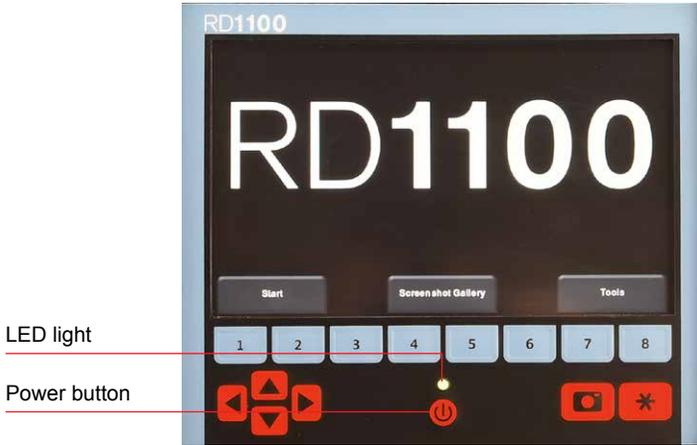
**Radiodetection** 28 Tower Road, Raymond, Maine 04071, USA. Tel: +1 (207) 655 8525 Toll Free: +1 (877) 247 3797 [rd.sales.us@spx.com](mailto:rd.sales.us@spx.com)

To find your local office, please visit: [www.radiodetection.com](http://www.radiodetection.com)

# RD1100 Quick Start Guide – Operation

## Start

To start the RD1100, press the power button on the Display Unit. The first time you turn the system on, it will run through a start-up wizard to configure the system, then it will restart. Once bootup is complete, and every subsequent bootup, you will see the following screen:

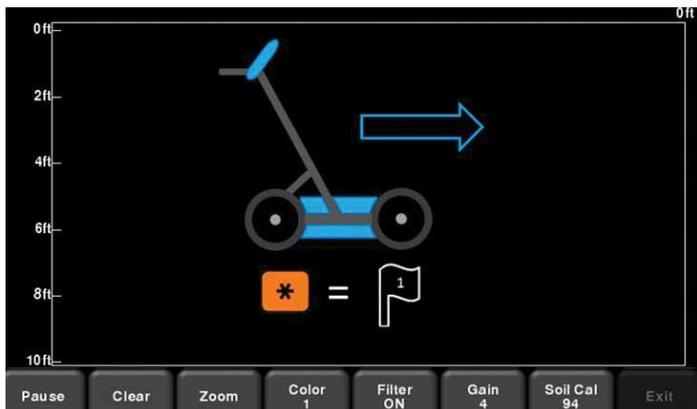


Swipe your finger from the top of the screen towards the bottom. This will show a drop-down menu displaying date, battery level, GPS status and Wi-Fi status. To close the drop-down menu, touch anywhere on the screen below the menu.



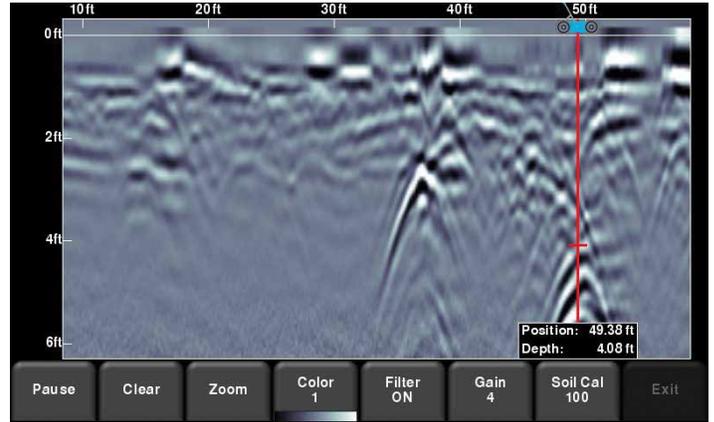
## Data Collection

From the main screen, press Start to start acquiring data.

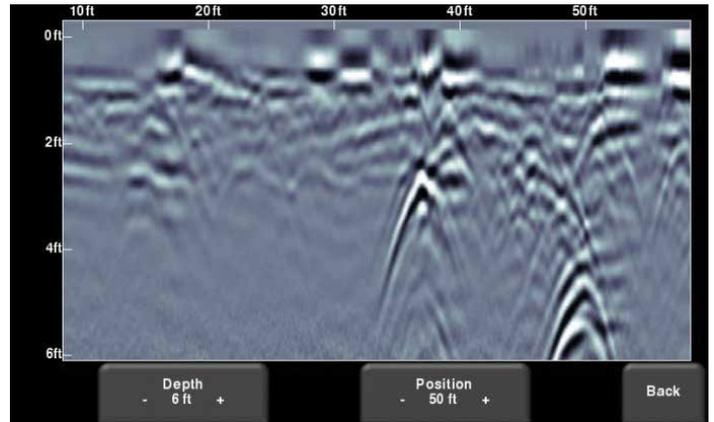


You are ready to start collecting data by simply pushing the system. The data scrolls from right to left.

When you cross an object of interest, move the system back along the same path until the red vertical line is exactly over the response (typically a hyperbola). Now the unit is physically over that object. You can put a mark on the ground and continue surveying.



The menu at the bottom of the screen allows you to change viewing parameters, such as gain, filter, colour and zooming (for depth and horizontal position).



Press the Camera button on the display unit to save an image of the data on the screen. This is saved as a screenshot (.JPG) file. These images can be accessed via the Screenshot Gallery from the main screen.

