# Leica Disto A6

## Important Notice

FieldGenius 2007 v3.0.0 has only limited support for the Leica Disto A6.  You can measure distances directly into the Traverse/Intersection tool, but not in the other measurement tools. Additional functionality will be included in future versions.

## Connection Settings

1.  Turn on the Disto, and press the Bluetooth button to turn on the Bluetooth transmitter.  You will now see a flashing Bluetooth icon on the screen.

2.  On your data collector, ensure that the Bluetooth transmitter is turned on.  If required, use your data collector's Bluetooth drivers to discover and connect to the Disto's "COM1" service.

3.  In FieldGenius start or open an existing project.  Press the Main Menu "Start" button → Settings → Instrument Selection.  On the Instrument Selection screen, select **Total Station**.

4.  Match the following on the Model and Communication screen (ensure that the port is set correctly to allow Bluetooth communications).



5.  Match the following on the EDM Settings screen.

6.  There is nothing applicable to set on the Tolerance Settings screen, as you can not measure a multiset with the Disto using FieldGenius 2007 v3.0.0.
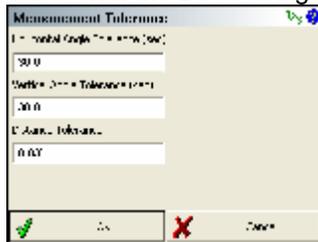
7.  There is nothing to set on the Search Settings, Radio Configuration, or Check Level screens.

8.  Switch back to the Model and Communication screen. Press the Connect to Instrument button and if you successfully connect you will see a green check mark. Have fun!

## Traverse/Intersection

1.  Open the Traverse/Intersection tool to begin COGO entry. To do this from the map screen, press the Main Menu "Start" button → Calculations → Traverse/Intersection.

2.  In any "Distance" field, you can double tap on the extended edit field, then select "Disto Observation" from the context menu. The distance field will now indicate "Waiting for Disto". On the Disto, trigger the measurement and then press the Bluetooth button to send the measured value back to FieldGenius.
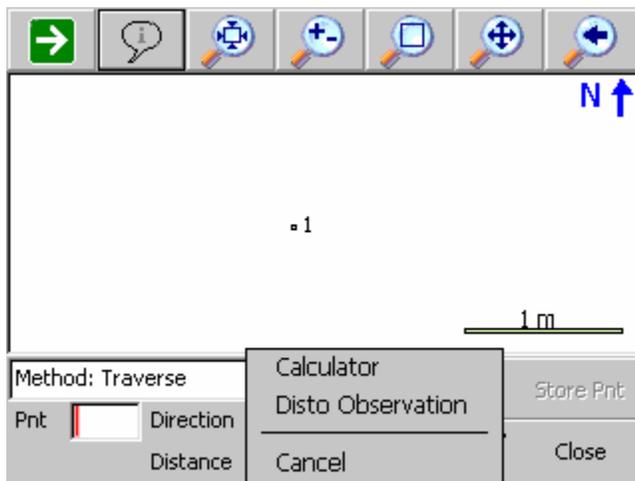
3.  In any "Direction" field, you must manually enter your traverse direction. The Disto does not return any angles to FieldGenius.