Geodimeter 600 Direct Connection

Confirm Settings

Firmware Versions

To check your firmware version, press Menu 5, 4, 1.

Note: These are the firmware numbers of the instrument we used during testing:

Firmware version 696-03.08

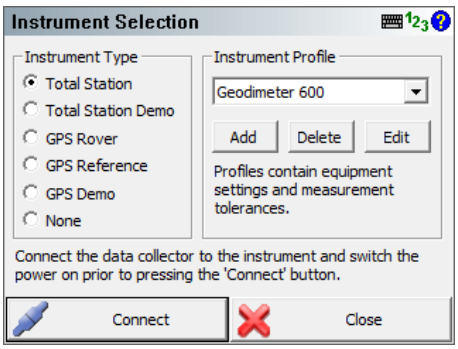
Communication Parameters

1. Select Menu, ENT, 4 (Data com), 1 (Select device), 2 (Serial) and at the prompt “Serial ON?”, select ENT.
2. Now confirm that the com settings = 1.8.0.9600 and press ENT to continue.
3. When prompted for “Table No.=”, select ENT.
4. When prompted for “Reg key?”, select ENT.

Checking Settings in FieldGenius

Please ensure you have FieldGenius 2006 Version 2.0.5 or newer installed.

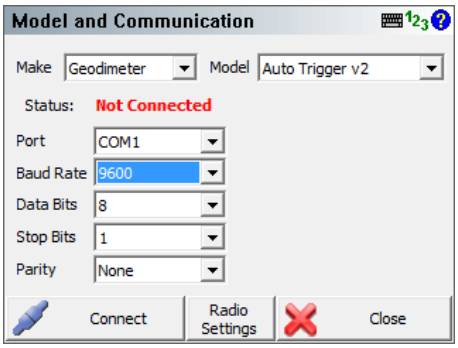
Go to the Main Menu → Settings → Instrument Settings → Instrument Selection and add a new profile:



Edit it, and select settings that match those below:

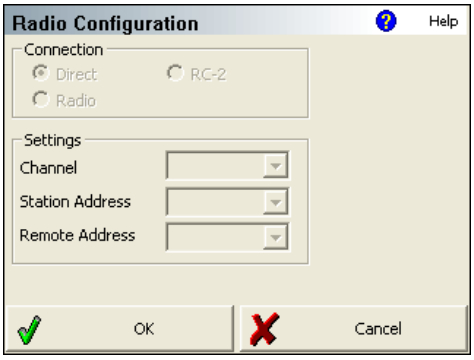
Model and Communication

Make certain you set FieldGenius to equal the following. The com port setting will vary if you are using Bluetooth.



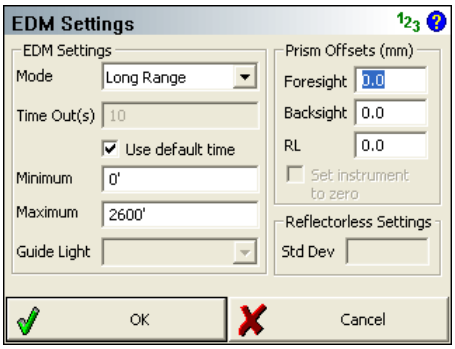
Radio Configuration

These will be grayed out because they don't apply when connected directly to the instrument.



EDM Settings

Make certain you set FieldGenius to equal the following:

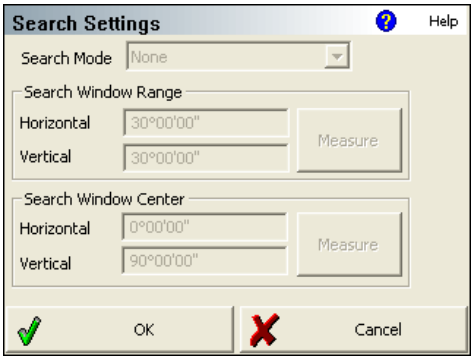


Tolerance Settings

These are tolerances used during multisets, please confirm that the values meet your desired specifications.

Search Settings

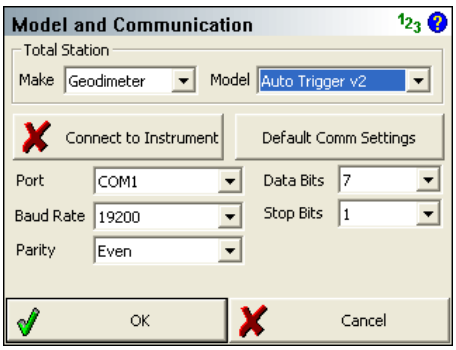
These will be grayed out because they don't apply when connected directly to the instrument.



Connecting FieldGenius to your Geodimeter

Once you've confirmed all your settings, and gone through the startup process on your instrument, you can do the following to begin surveying with FieldGenius.

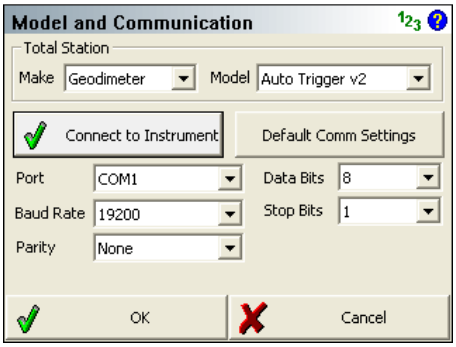
1. Make sure you're at your measure screen on your instrument. The measure screen is where the HA and VA is displayed.
2. Make sure you have FieldGenius connected to your instrument.
3. From the Model and Communication screen, select the Connect to Instrument button.



After you press the continue button you will see some reminders of things to check before you move on, press Continue when ready.

You will now see a green check mark on the Connect to Instrument button.

Press Ok to continue. You are now connected and ready to start surveying.


Model and Communication
Total Station
Make
Geodimeter
Model
Auto Trigger v2
Connect to Instrument
Default Comm Settings
Port
COM1
Data Bits
8
Baud Rate
19200
Stop Bits
1
Parity
None
OK
Cancel