Pentax 425-VDN

This Guide was written using FieldGenius version 5.0.1.0

Procedure

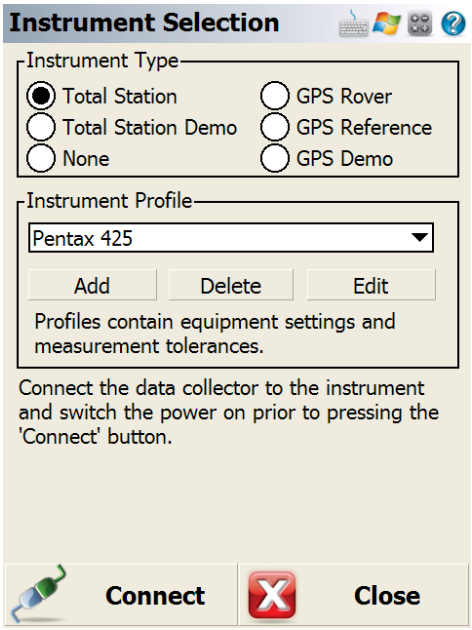
1. Turn on the instrument
2. Level the instrument
3. On your instrument press ESC and Light button to access HELP
4. Press F2 and F1 to navigate to item 23 “801 Setup Com.”
5. Pick F5 to SELECT
6. Verify that the communication parameters match the following:

BAUD RATE:	9600
DATA LENGTH:	8
PARITY BITS:	NIL
STOP BITS:	1
SIGNAL CONTROL:	OFF
XON/XOFF	OFF
THROUGH COMMAND:	NIL

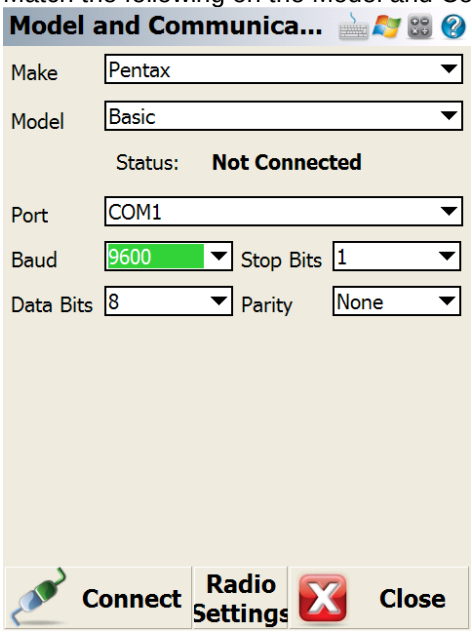
7. Press ESC until you return to the Main Measuring Screen:

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

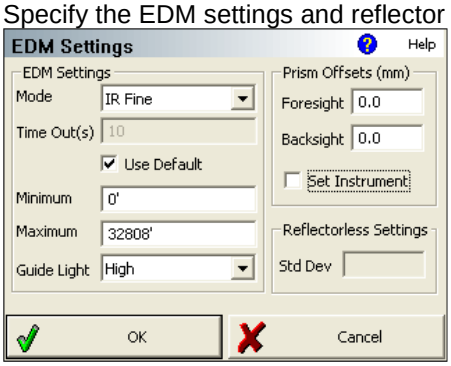
9. Create a new profile by selecting Add, entering a name, picking Save, and finally picking Edit:



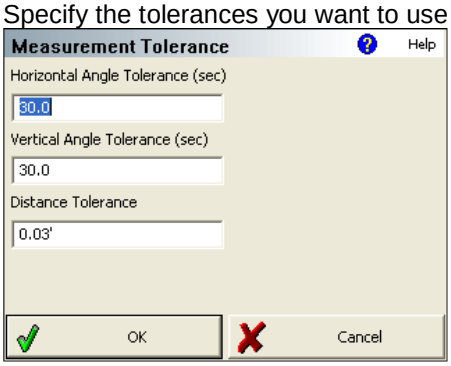
10. Match the following on the Model and Communication screen:



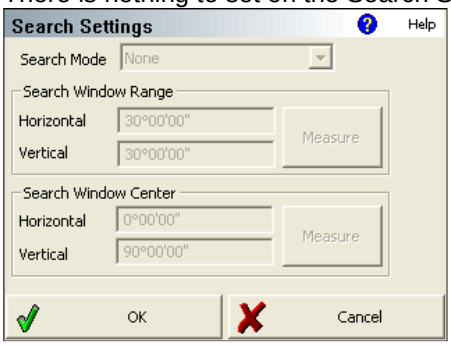
11. Specify the EDM settings and reflector offsets you want to use on the EDM Settings screen.



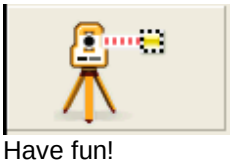
12. Specify the tolerances you want to use on the Tolerance Settings screen.



13. There is nothing to set on the Search Settings screen.



14. 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. Test your EDM by selecting “Temporary (No Store) from the Measuring Mode Button:



15. Have fun!