Leica TC 805

Procedure

- 1. Turn on the instrument
- 2. Level the instrument
- 3. On your instrument, hold down the program key for 4 seconds to open the Configure Menu.
- 4. In the Configure Menu, press 4 for REC DATA

Press 4 to set the baud to 9600 Press 5 to set the parity to even Press 6 to set the endmark to CR/LF

- 5. In FieldGenius start or open an existing project. Press the Main Menu button → Settings → Instrument Settings. On the Instrument Settings screen, select **Total Station**.
- 6. Match the following on the Model and Communication screen.

Model an	d Communicat	ion		0	Help	
Total Stati	on 📃 Mr	idel TPS	Series ((GST)	-	
Connect to Instrument Default Comm Settings					ngs	
Port	COM1	- Dat	a Bits	7	-	
Baud Rate	9600	- Sto	p Bits	2	•	
Parity	Even	•				
1	ОК	X		Cancel		

7. Match the following on the EDM Settings screen.

EDM Settings		😗 Help		
EDM Settings		Prism Offsets (mm)		
Mode	IR Standard	-	Foresight 0.0	
Time Out(s)	10		Backsight 0.0	
	Vse Default		Set Instrument	
Minimum	Om			
Maximum	10000m		Reflectorless Settings	
Guide Light	High	•	Std Dev	
🖋 ок		X	Cancel	

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

Measurement Tolerance	🕐 не	۱F
Horizontal Angle Tolerance (sec)		
30.0		
Vertical Angle Tolerance (sec)		
30.0		
Distance Tolerance		
0.03'		
🖌 ок 】	Cancel	

9. Match the following on the Search Settings screen.

Search Sett	ings		0	Help
Search Mode	Relative Windo	w	•	
_Search Windo	w Range			
Horizontal	30°00'00"		Manauna	
Vertical	30°00'00"		measure	
-Search Windo	w Center			
Horizontal	0°00'00"		Mescire	
Vertical	90°00'00"		Hoasuro	
L				
√	ок	X	Cancel	

10. There is nothing to set on the Radio Configuration screen.

Radio Configu	ation		0	Help
Connection				
C Direct	C RC-2			
C Radio				
Settings				
Channel		-		
Station Address		-		
Bomoto Addrocc				
Kelhote Address	1	<u> </u>		
	1			-
ଏ ା		×	Cancel	

11. There is nothing to set on the Check Level screen. You will see this screen when you try connecting to the instrument.

Check Level	0	Help
🔲 Calibrate instrument.		
Cross Inclination: Length Inclination:		
🖌 ок 🗶	Cancel	

12. 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, and the Check Level screen will appear. Have fun!