

Leica TCR 803power

Tested with firmware version 101.522

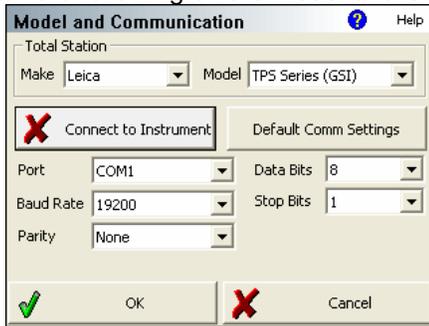
Procedure

1. Turn on and Level the instrument.
2. On your instrument, press MENU, then press PAGE to go to page 2 of the menu, then press F3 for COMM Parameters. Make sure the following settings are set:

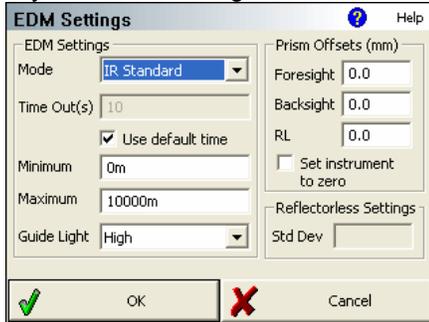
Baudrate = 19200
Databits = 8
Parity = None
Endmark = CR/LF
Stopbits = 1

Press F4 for OK, then press ESC to go back to the measure screen.

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

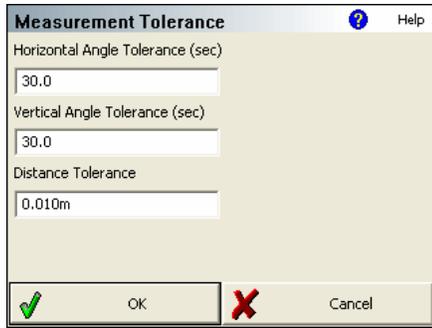


5. Specify the EDM Settings and Prism Offsets you want to use on the EDM Settings screen.



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

Quick Start Guide



Measurement Tolerance Help

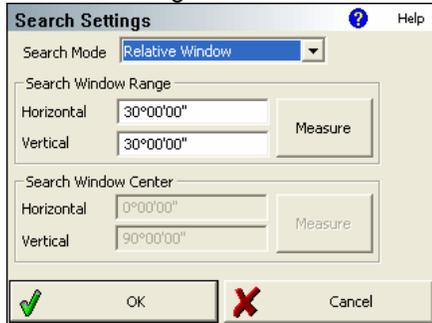
Horizontal Angle Tolerance (sec)
30.0

Vertical Angle Tolerance (sec)
30.0

Distance Tolerance
0.010m

OK Cancel

7. Match the following on the Search Settings screen.



Search Settings Help

Search Mode: Relative Window

Search Window Range

Horizontal: 30°00'00" Measure

Vertical: 30°00'00"

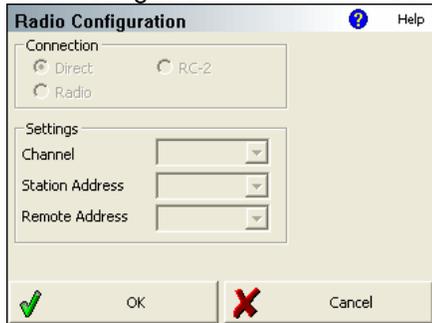
Search Window Center

Horizontal: 0°00'00" Measure

Vertical: 90°00'00"

OK Cancel

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



Radio Configuration Help

Connection

Direct Radio RC-2

Settings

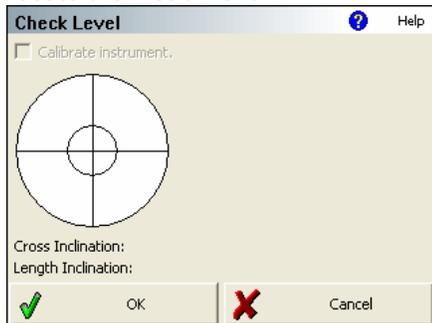
Channel

Station Address

Remote Address

OK Cancel

9. There is nothing to set on the Check Level screen. You will see this screen when you connect to the instrument.



Check Level Help

Calibrate instrument.

Cross Inclination:
Length Inclination:

OK Cancel

10. 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!