Sokkia SRX Setup

Direct Connection Settings

You must be using FieldGenius 2007 v3.1 or newer, or Evidence Recorder 4.1 or newer.

1. Turn on and level the instrument.

2. Confirm the Communication Parameters on the instrument:

    a. Press the "Settings" button on the keypad to go into the Settings menu.

    b. Press the "5 Comms" button on the touch screen (or press the "5" button on the keypad) to go into the Communication Settings screen.

    c. Click on the "Comms setup" tab on the touch screen and select the following settings:
        ```
        Comms mode: RS232C (for cable) or Bluetooth (for wireless)
        Checksum:   No
        Controller: 2Way+Remote
        ```

    d. If you are using a cable connection, click on the "RS232C" tab on the touch screen, and select the following settings:
        ```
        Baudrate:   9600bps
        Data bits:  8 bits
        Parity:     Not Set
        Stop bit:   1 bit
        ```

    e. If you are using a Bluetooth wireless connection, click on the "Bluetooth" tab on the touch screen, and select the following settings:
        ```
        Mode:            Slave
        Link:            (blank)
        Authentication:  No
        Passkey:         ****
        ```

    f. Press the OK button on the touch screen (or press the "F4" button on the keypad) to go back to the Settings menu.

    g. Press the Back button on the touch screen (or press the "F4" button on the keypad) to go back to the measure screen.

3. On the data collector, start FieldGenius or Evidence Recorder, and start or open a project.

4. Press the Main Menu button | Settings | Instrument Selection | Total Station.

5. On the Model and Communication screen, Select Sokkia SRX and press Use Default Communication Settings. If you are using Bluetooth, select the appropriate COM port.

6. Specify the EDM Settings and Prism Offsets you wish to use on the EDM Settings screen:

7. Specify the Multiset Tolerances you wish to use on the Tolerance Settings screen (FieldGenius only, this screen does not exist in Evidence Recorder):

8. Specify the Search Settings you wish to use on the Search Settings screen:

9. There is nothing to set on the Radio Configuration screen.
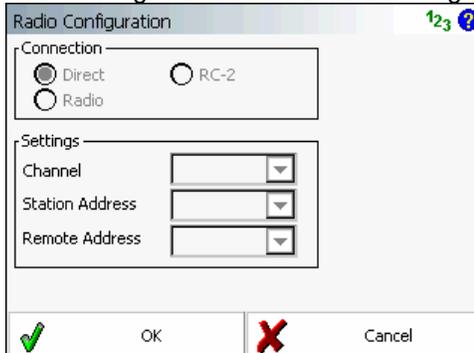
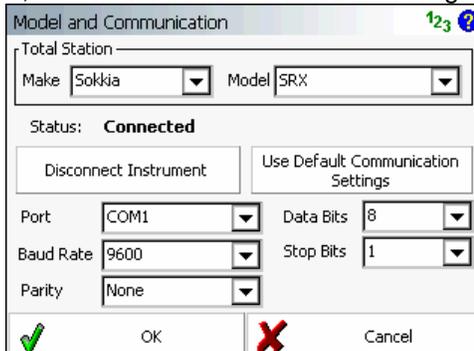10. Go back to the Model and Communication screen, and press the "Connect to Instrument" button. If you successfully connect, you will see the Check Level screen.
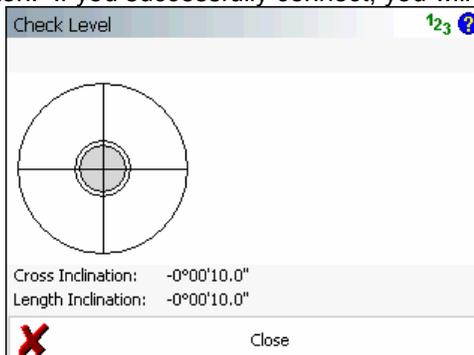
11. When you Close the Check Level screen, you will see the Model and Communication screen again, with a "Status: **Connected**" message.

12. Have Fun!