

4> Confirming Operation with GlobalPoint GPS Application

1. Install the Serial GPS receiver as described in this guide.
2. Make sure you are outdoors and that the GPS receiver has a clear view of the sky.
3. Start the GlobalPoint GPS application by tapping on **Start, Programs** and then the icon for **GlobalPoint GPS**.
4. Tap on **Tools** and then **Configure...**
5. Configure the GPS settings as follows before tapping “OK”:

Com Port: COM1
Baud Rate: 4800
Protocol: NMEA

Tap on **Tools** and then **Reset Receiver**

6. Select “Cold Start” and tap “OK.”
7. Wait at least one minute, then tap on **View** and then **Navigation** to go to the main application screen.
8. On this screen, you will be able to confirm that the GlobalPoint GPS receiver is working if
 - a. “Latitude” and “Longitude” should be numbers other than zero
 - b. “UTC Time” clock is running
 - c. “Satellites used” should be a number greater than 0, with at least 4 satellites needed for a useable fix.

5> Support Information

Email: support@linkspoint.com

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Serial GPS Receiver (P/N LP11632 - Serial Powered) for Symbol MC70 mobile computers - *Quick Start Guide*

<http://www.linkspoint.com/serialGPS>



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1 > Installing the Serial GPS

Note: This version is powered through the serial connector used to connect the receiver to the cradle's serial port. In this configuration, the GPS is powered only when the mobile computer is docked in the cradle and a valid GPS com port is open in a running GPS application.

Step 1 - To connect the Serial GPS to the vehicle cradle, plug the DB9 Serial connector into the serial port found on the bottom of the cradle to the left of the power cable. Tighten the DB9 serial connector with the thumbscrews to ensure a secure connection.



Step 2 - Connect PS2 style connector coming from the DB9 Serial connector to the PS2 connector coming from the GPS receiver.



Step 3 - Position the GPS receiver where it has a clear view of the sky for optimal performance. The receiver is magnetized for use with vehicle roofs.



3 > Installing the GlobalPoint GPS Application

1. Insert MC70 in a desktop cradle connected to a host computer with ActiveSync.
2. (If you have an installation CD, skip this step and proceed to step 3.) Install The GlobalPoint GPS Application from the Internet by going to <http://www.linkspoint.com/SerialGPS>
 - a. Click on "GlobalPoint GPS software" link and follow the instructions.
 - b. Proceed to step 5
3. Install the GlobalPoint GPS Application from the installation CD-ROM:
 - a. Insert the CD-ROM into the host computer's disc drive.
 - b. If the installation does not start automatically, browse to your CD-ROM drive and double-click "setup.exe."
 - c. Follow installation instructions. (If asked: "Install 'LinksPoint GPS Sample Application' using the default application install directory?", click on "Yes".)
4. Install the Serial GPS receiver as described in section 1 of this guide and then dock your Symbol mobile computer.
5. Run the GlobalPoint GPS Application. For complete details on the **Serial GPS Receiver (Serial Powered)** for the **MC70** and the **GlobalPoint GPS Application**, download the User Guide at: <http://www.linkspoint.com/serialGPS>

2 > Configuring GPS software for use with the Serial GPS Receiver

The Serial GPS receiver is designed to work "out-of-the-box" with GPS applications that accept data in the NMEA protocol format.

To configure the Serial GPS receiver for use with a GPS application that supports the NMEA protocol, set the following parameters in the GPS application:

❖ **GPS Com Port/Com Port: COM1**

❖ **Baud Rate: 4800**

❖ **Protocol: NMEA**

(Depending on the GPS application, you may not be asked to enter the protocol.)

Once these parameters have been set, the GPS application should begin automatically receiving GPS data from the GlobalPoint GPS receiver. Please consult the GPS application documentation for further information on how to communicate with an attached GPS receiver.

GlobalPoint GPS Application

The GlobalPoint GPS application provides a means to confirm proper operation of the GlobalPoint GPS receiver and configure the mode of operation (NMEA or SiRF). It is not required to use the Serial GPS receiver with third-party GPS applications.