Bluetooth® GPS with Pocket Quads.NETTM

Reference Guide

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Bluetooth[®] GPS Reference for Prosurv Pocket Quads[™] for Windows Mobile 2003SE

First, turn on the GPS device that has built-in Bluetooth capability.





Select the Bluetooth Manager.

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File Zoom Iools Help

Connection Wizard I < 11:17</td>

O Explore a Bluetooth device

O Earthmate

Bluetooth

Bluetooth

Power Pack

O Cancel

O Cancel

Back

Next I

The Pocket PC will attempt to communicate with your Bluetooth GPS Device. Once a Bluetooth device is located, tap the device on the screen. **Bluetooth**[®] **GPS** Reference for Prosurv Pocket Quads[™] for Windows Mobile 2003SE

| 🗖 Dell_Axim | Note that the 'Service' is a Serial connection. High- |
|---|---|
| <u>File Z</u> oom <u>T</u> ools <u>H</u> elp | light the service and tap Next. |
| 🎢 Connection Wizard 🛛 🗱 📢 11:18 | |
| Bluetooth Connection Wizard Explore a Bluetooth device | |
| Earthmate Bluetooth Power Pac | |
| Service Selection | |
| Serial 2011 | |
| Please select the service(s) offered by this device you would like to create connection shortcuts for. | |
| - Security | |
| Use a secure, encrypted connection | |
| 🕄 Cancel 🛛 🗘 Back Next 🗘 | |
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| | Ton Finish to complete the Connection Winard |
| Dell_Axim | Tap Finish to complete the Connection Wizard. |
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| Dell_Axim Image: Connection Wizard File Zoom Connection Wizard Image: Connection Wizard | Tap Finish to complete the Connection Wizard. |
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| □ Dell_Axim □ ○ ○ File Zoom Iools Help Image: Connection Wizard Image: Imag | Tap Finish to complete the Connection Wizard. |
| □ Dell_Axim □ ○ ○ File Zoom Tools Help ⑦ Connection Wizard □ ○ ○ ⑦ Connection Wizard □ ○ ○ ⑧ Bluetooth Connection Wizard □ ○ ○ Explore a Bluetooth device ○ ⑧ Earthmate Bluetooth Power Pac • Shortcuts created • Connection shortcut(s) for the service(s) you selected were successfully created. To connect: • From the Bluetooth Manager "My Connections" screen, double-tap the connection. Or tap-and-hold the connection icon and select 'Connect' from the menu. Finish ⊘ | Tap Finish to complete the Connection Wizard. |

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You can now *double-tap* the Shortcut to make it an Active Connection, although this isn't necessary when using Pocket Quads.NET, since the connection will be made when starting the GPS from within Pocket Quads.NET.

| Dell_Axim | |
|--|---------------------|
| <u>F</u> ile <u>Z</u> oom <u>T</u> ools <u>H</u> elp | |
| 🎊 Bluetooth Manager 🚓 | 📢 11:21 🛞 |
| Bluetooth My Shortcuts | |
| | |
| Earthmate Bluetooth Power Pack | |
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| | |
| My Shortcuts Active Connecti | ons |
| New Tools View 🐌 | ■ ^ |

Close the Bluetooth Manager by tapping the X.



Next, we need to be sure that the Pocket PC will *allow* the serial communication. You can do this by tapping the Bluetooth Settings.

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| Dell_Axim | This is the initial screen that you'll see in Bluetooth |
|--|--|
| <u>File Z</u> oom <u>T</u> ools <u>H</u> elp | Settings. Tap the Services tab. |
| 🎢 Bluetooth Settings 🛛 🍀 11:24 💽 | |
| Bluetooth: General | |
| Current profile | |
| Default 🗸 | |
| Bluetooth status | |
| Bluetooth is ON | |
| Turn on Turn off | |
| | |
| Use the Bluetooth Manager to set connections. | |
| General Accessibility Services About | |
| Dell_Axim Image: Constraint of the section of the | Highlight the Serial Port Service, then uncheck the Authentication required box (this is the <i>recommended</i> setting). |
| Services | |
| | Doll Axim |
| 💕 File Transfer | Eile Zoom Tools Help |
| File Transfer File Transfer Serial Port | Dell_Axim Dell_Axim Eile Zoom Tools Help |
| ✓ File Transfer ✓ Information Exchange ✓ Serial Port ✓ Personal Network Server | □ Dell_Axim □ I File Zoom Tools Help Image: Dell_Axim □ I Imag |
| File Transfer Information Exchange Serial Port Personal Network Server Service settings | □ Dell_Axim □ I Eile Zoom Tools Help Image: Bluetooth Settings Image: Image |
| File Transfer Information Exchange Serial Port Personal Network Server Service settings Enable service | Dell_Axim X File Zoom Tools Help Bluetooth Settings #* <11:26 Bluetooth: Services Services |
| ✓ File Transfer ✓ Information Exchange ✓ Serial Port ✓ Personal Network Server ✓ Enable service △ Authorization required | □ Dell_Axim □ I File Zoom Tools Help Image: Bluetooth Settings Image: Image |
| File Transfer Information Exchange Serial Port Personal Network Server Service settings Enable service Authorization required Authentication (Passkey) required | □ Dell_Axim □ ▲ File Zoom Tools Help Bluetooth Settings # ↓ ↓ Bluetooth Settings ↓ ↓ ↓ ↓ ↓ < |
| File Transfer Information Exchange Serial Port Personal Network Server Personal Network Server Enable service Authorization required Authentication (Passkey) required Encryption required | Dell_Axim File Zoom Iools Help Bluetooth Settings IIIIIII Bluetooth: Services Services Services Services Services Services Services Personal Network Server |
| File Transfer Information Exchange Serial Port Personal Network Server Service settings Enable service Authorization required Authentication (Passkey) required Encryption required Advanced | ■ Dell_Axim ■ ■ ▲ File Zoom Tools Help ● |
| File Transfer Information Exchange Information Exchange Serial Port Personal Network Server Service settings Enable service Authorization required Authentication (Passkey) required Image: Provide the service Authentication (Passkey) required Image: Provide the service Authentication (Passkey) required Image: Provide the service | Dell_Axim File Zoom Tools Help Bluetooth Settings Bluetooth: Services Services File Transfer File Transfer File Transfer File Transfer Personal Network Server Service settings Enable service |
| File Transfer Information Exchange Serial Port Personal Network Server Personal Network Server Service settings Enable service Authorization required Authentication (Passkey) required Encryption required Advanced General Accessibility Services About | ■ Dell_Axim ■ ■ ▲ File Zoom Tools Help ● |
| File Transfer Information Exchange Serial Port Personal Network Server Service settings Enable service Authorization required V Authentication (Passkey) required Image: Personal Network Server Authorization required Authentication (Passkey) required Image: Personal Network Server Image: Personal Network Service Image: Person | Dell_Axim File Zoom Iools Help Bluetooth Settings Bluetooth Settings Bluetooth: Services Services File Transfer |
| File Transfer File Transfer File T | □ Dell_Axim □ O File Zoom Iools Help Image: Bluetooth Settings Image: Image |

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General

Accessibility Services About

Starting Pocket Quads.NET GPS

- 1. Run Pocket Quads.NET.
- 2. Be sure you have a Job File open, and that Topo Quads are available to Pocket Quads. NET for your location (see the User's Guide).



Dell_Axim

Eile Zoom Tools Help

Bluetooth Console

Bluetooth Browser

Select a Bluetooth device

Earthmate
Bluetooth
Power Pack
Always use the selected device

View ②

3. Tap the GPS Menu, and select Start GPS.

The first time you use Pocket Quads.NET with your Bluetooth GPS, you will need to select your Bluetooth device.

Check the 'Always use the selected device' box and this screen will not be shown again.

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| 🗖 Dell_Axim 📃 🗖 🔀 | A standard message about displaying Bluetooth de- |
|---|---|
| <u>File Z</u> oom <u>T</u> ools <u>H</u> elp | vice selections again, is shown. |
| 🎢 Bluetooth Console 🛛 🚓 📢 11:33 👘 | |
| Rhustasth Cattings | A message is displayed indicating that Pocket Quads. NET is trying to connect to the Bluetooth GPS device. |
| To display the device selection dialog for serial port connections again, go to Bluetooth Settings > Services > Serial Port > Advanced | Serial communication in Pocket Quads.NET is <u>automatic</u> by default. Pocket Quads.NET will search all Com ports at all the given baud rates automatically to establish a connection with your Serial device (in this case a Bluetooth GPS serial connection). |
| | However, you can change the com port and baud rate settings manually in the GPS Data screen. You can also change the settings <i>by default</i> , in the Defaults.txt file located in the \Pro- gram Files\Pocket_Quads.NET folder of your Pocket PC. |
| Connecting File Edit GPS 🔀 🇮 🔂 🛣 📉 📰 🔺 | |
| | |
| Dell_Axim Eile Zoom Tools Help | Once connected, you'll also hear a tone indicating the connection has succeeded. |
| Dell_Axim Image: Constraint of the second | Once connected, you'll also hear a tone indicating the connection has succeeded. |
| Dell_Axim Eile Zoom Tools Help Bluetooth Console IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | Once connected, you'll also hear a tone indicating the connection has succeeded. |
| Dell_Axim File Zoom Tools Help Bluetooth Console IIIIIIII doc1.ppq Cosulty Pocket Quads.NET*** | Once connected, you'll also hear a tone indicating the connection has succeeded. Pocket Quads.NET now waits for available GPS sat- |

Prosurv Pocket Quads.NET is now ready for GPS data!