Pocket GENESIS – Connecting a PocketPC to a Desktop PC

APPLICATIONS NOTE

April 2010

Description: Guide to setting up a connection between a PocketPC and a desktop PC.
OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7
General Requirement: PocketPC, Active Sync, Genesis32 and Pocket Genesis CD, License for Pocket Genesis.

USB Connection

To synch your pocket device with your PC via USB, download and install the latest version of MS ActiveSync. This is located on the Pocket GENESIS CD in the Tools directory or you can download it from:
http://www.microsoft.com/windowsmobile/activesync/default.mspx

> **NOTE:** If your PC is running Windows Vista (or above), your synchronization settings will be managed through the Windows Mobile Device Center. You cannot install Active Sync on Vista and above.

Once ActiveSync is installed, plug the USB cable into the PC and insert your device into the cradle. Windows will then detect your device. From that detection window, select "Standard partnership", "Synchronize with this desktop computer" and "Yes, I want to synchronize only with this computer". On the next screen, uncheck everything then click "Next" and "Finish". You will see "Connected" if the connection was successful.

Wireless Connection with PocketPC 2003

For wireless connections you need an older version of ActiveSync (3.8 is recommended). Version 4.1 supports Windows Mobile 5.0 but there is no option to use a wireless connection. Perform steps above, then configure ActiveSync and set these options on your mobile device:

1. Go to Start → Settings → Connections tab → Network Cards and select "Work" for "My network card connects to".
2. From the Network Card screen, tap on your WiFi device, go to the Name Servers tab, and set the WINS server to IP of your synchronizing PC.
3. Go to Start → Settings → Connections tab → Connections → Advanced tab → Select Networks and select "My Work Network" for both boxes.
4. Start ActiveSync on the PC and go File → Connection Settings. Check "Allow network (Ethernet) and Remote Access Service" then click OK.
5. Start ActiveSync on your mobile device and go Tools → Options → PC tab.
6. Select your synchronizing PC for the "Use this PC" option.
7. Uncheck "Use mobile schedule to sync with this PC".
8. Check "Sync with this PC during manual sync".
9. Tap the "Options" button, enable the connection through USB, and select the "Maintain connection" radio button.
10. On the "Server" tab you don't need any additional settings.
11. On the "Mobile schedule" tab, set all list boxes to "Manually" and uncheck "Sync outgoing items as they are sent".
12. Go to the main screen of ActiveSync and tap the "Sync" button to connect.

Wireless Connection with PocketPC 2002

The steps for PocketPC 2002 are similar to the steps for 2003 except you must set up the WLAN hardware with its own software. If a DHCP connection isn't available, use MANUAL.

To Set-up ActiveSync:

1. The first connection must be made through a USB cable.
2. Set up the ActiveSync setting on your PC as described for PocketPC 2003.
3. Disconnect your portable device from the computer and run ActiveSync on it.
4. Go to Tools → Options → "PC" tab, check each checkbox, and for "Include PC when synchronizing remotely and connect to" select your synchronizing PC.
5. Go to the "Schedule" tab and uncheck all boxes.
6. Go to the main screen of ActiveSync and tap the "Sync" button to connect.

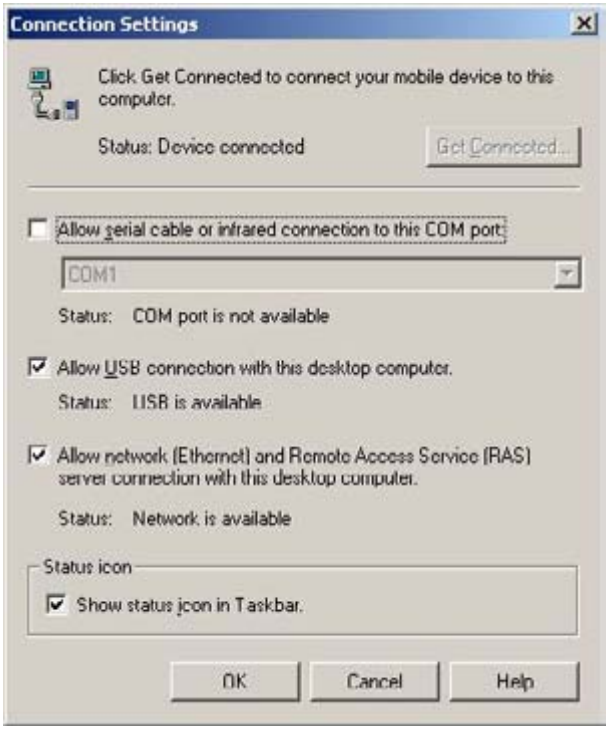

Figure 1 – Active Sync Connection Settings