# Cordless 56K Modem

**with *Bluetooth*® Wireless Technology**

*Cordless modem for any Bluetooth enabled PDA, notebook or tablet computer that supports a Dial-up Networking client*

# User's Guide

socket™
Increasing Mobile Productivity

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Feel free to contact SOCKET COMMUNICATIONS at:

**Socket Communications, Inc.**
37400 Central Court
Newark, CA 94560

Other than the above, Socket Communications can assume no responsibility for anything resulting from the application of information contained in this manual.

Socket Communications requests that you refrain from any applications of the Cordless 56K Modem with *Bluetooth* Wireless Technology that are not described in this manual. Socket Communications also requests that you refrain from disassembling the product. Disassembly of this device will void the product warranty.

You can track new product releases, software updates and technical bulletins by visiting Socket's website at: www.socketcom.com.

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# 1 | Introduction

Why sit confined at a desk when you can check email and browse the Web while lounging in bed? Socket's Cordless 56K Modem with *Bluetooth* Wireless Technology lets you comfortably access the Internet from your Pocket PC, Palm PDA, Windows notebook or tablet PC without any cables tying you down.

Cellular coverage isn't ubiquitous, and not all hotels have LAN or Wi-Fi, but virtually every place you go will have telephone access. Plus, the modem avoids the hassles of spotty cellular data service, cellular network incompatibility or expensive roaming charges.

Just connect the Cordless 56K Modem to any analog phone line, make a *Bluetooth* connection with your mobile computer, and enjoy up to 328 ft (100 m) of wireless freedom. You can use the Cordless 56K Modem with almost any *Bluetooth* enabled mobile computer that supports a Dial-up Networking client. No software is required —the Socket Cordless 56K Modem works right out of the box!

## Optional Software for Windows Mobile

Socket's software for Windows Mobile is optional to install but highly recommended because of the great features it offers.

**Socket Connect!Agent** greatly simplifies *Bluetooth* by working in the background to manage the wireless connection between the Pocket PC and the Socket Cordless 56K Modem. *Bluetooth* configuration and setup are automated, providing a hassle-free *Bluetooth* experience to the user.

Follow **Socket's Connection Setup wizard** to quickly and easily set up a dial-up connection to your Internet Service Provider or office network.

**Socket's Modem Utilities** software enables you to take advantage of the modem's v.92 features, program the modem for different country codes, and adjust the speaker volume.

Get software updates free at:
www.socketcom.com/support/support_56k.asp

## About V.92 Quick Connect

Quick Connect is a V.92 modem specification that reduces the time needed to establish a connection via faster handshaking. Handshaking (which makes all the noise you hear while dialing in) typically takes 25-27 seconds, but with Quick Connect, lasts only about half as long.

When enabled with Quick Connect, the Socket Cordless 56K Modem will store data about the last connection — or in other words, "train" itself for the last phone line used. While dialing into a network, the Socket Cordless 56K Modem will compare the phone line characteristics with the stored data, and if a match is found, the handshake starts using previous settings. Quick Connect is convenient if you plan to repeatedly use the Socket Cordless 56K Modem with the same phone line, for example the phone line in your hotel room.

***IMPORTANT! If you plan to use your modem in different locations, Socket recommends that you disable the Quick Connect feature.***

***If you enable Quick Connect but use the modem in different locations, the connection may take twice as long to establish because it searches for the previous line characteristics before trying to connect to the new line.***

## System Requirements

Your mobile computer should meet these minimum requirements:

- *Bluetooth* wireless technology
- Support for a *Bluetooth* Dial-up Networking Client

Minimum requirements for Socket software:

- Windows Mobile 2003/2003SE/5.0
- ActiveSync 4.0 or greater
- *Connect!Agent*: Additionally, your Pocket PC must have the Broadcom (Widcomm), Microsoft or Socket (SD/CF card) *Bluetooth* stack*

*Note: If your Pocket PC is not compatible with Connect!Agent, or if you do not want to install it, use your device's Bluetooth software.*

V.92 Quick Connect requires a V.92 Internet Service Provider.

*Socket Connect!Agent is not compatible on Windows Mobile 5.0 devices using the Socket SD/CF *Bluetooth* card.

***WARNING! Do not plug the modem into a digital Private Branch Exchange (PBX) line. The modem will not work and may be damaged.***

## Package Contents

- Cordless 56K Modem with *Bluetooth* Wireless Technology
- Retractable RJ-11 phone cable
- AC adapter with international plugs for U.S., U.K., Europe and Australia
- *Socket 56K Modem Installation CD*
- The battery-powered version of the modem also includes a rechargeable lithium-ion battery and nylon travel pouch

## Product Registration

Socket highly recommends that all customers register their Socket products. Registered users receive the following benefits:

- Priority for technical support
- Special offers for future products and product upgrades
- The latest new product information

To register your product online, visit: www.socketcom.com/prodreg

# About the Power Switch and LEDs

## Power Switch

| Position | Status | Meaning |
|---|---|---|
| Down | Off | The battery-powered version will recharge if plugged into a power suppy. |
| Up | On | The battery-powered version will run on battery power if not plugged into a power supply. The battery-powered version will run on AC power if plugged into a power supply, and also recharge. |

## Status Indicator LEDs

| LED | LED Activity | Meaning |
|---|---|---|
| Modem Status | Off | No data is being transferred to the phone line. |
| | Blinking Green | Data is being transferred to the phone line. |
| | Solid Green | Connected with no data transmission. |
| *Bluetooth* Status | Off | No *Bluetooth* connection. |
| | Blinking Blue | *Bluetooth* connection established. Modem ready to transmit data. |
| Battery Level | Blinking Green | Adequate battery level (more than 10% charged). |
| | Blinking Red | Low battery level (less than 10% charged). Recharge immediately. |
| Battery Charging Status | Off | Power supply not plugged in. |
| | Solid Green | Power supply plugged in, more than 90% charged. |
| | Solid Amber | Power supply plugged in, less than 90% charged. |

# 2 | Setup for Windows Mobile

This chapter explains how to install and use the Socket Cordless 56K Modem with a Pocket PC. Socket has developed a comprehensive suite of software (optional to install) which is designed to enhance your experience of using the Socket Cordless 56K Modem with Pocket PCs. Socket's software applications for Pocket PCs include Connect!Agent *Bluetooth* software, the Connection Setup Wizard, Modem Utilities and modem drivers.

## Setup Summary

STEP 1: Charge the modem.
STEP 2: Prepare dial-up information.
STEP 3: Install the software.
STEP 4: Complete the Connection Setup Wizard.
STEP 5: Connect to a telephone line.
STEP 6: Dial and connect.

*OPTIONAL:* Use Socket Modem Utilities
*OPTIONAL*: Manually set up *Bluetooth* connection.

## STEP 1: Charge the Modem

If you have the battery-powered version of the Cordless 56K Modem and want to run it on battery power, use the AC adapter to charge the modem. It may take up to four hours to reach full charge.

The Battery Charging Status LED will be amber when the battery is less than 90% charged and green when at least 90% charged.

## STEP 2: Prepare Dial-up Information

Obtain the following information from your network administrator or ISP.

Dial-up number: (_____) _____

User name: _____

Password: _____

*ADVANCED USERS: For advanced setup, you may want to use the Network Information Form in Appendix B. You must manually set up the dial-up connection in order to configure advanced connection properties, as described in Appendix C. Do not use Socket's Connection Setup Wizard to set up the dial-up connection.*

## STEP 3: Install the Software

### *Should I install the software?*

*The Socket Cordless 56K Modem comes with two software installs that you can load into your Pocket PC. You can choose to install one, both, or none of the software. If you choose both, you can install them in any order.*

- ***Socket Connect!Agent****: This software simplifies the Bluetooth setup and connection process. It runs in the background and requires no interaction from the user.*[1]

- ***Socket modem software****: This install will load multiple items into your device.*
  - *The Connection Setup wizard guides you effortlessly through the process of setting up a dial-up connection to your ISP.*[2]
  - *The Modem Utilities allows you to enable the modem's v.92 Quick Connect feature, adjust the speaker volume, and set up the modem for use in different countries.*

[1] Connect!Agent is not compatible with Windows Mobile 5.0 devices using the Socket SD/CF card. If your Pocket PC is not compatible with Connect!Agent, or if you choose not to install it, use your Pocket PC's *Bluetooth* software to manually create and manage the *Bluetooth* connection. For instructions, please refer to the OPTIONAL section at the end of this chapter.

[2] If you choose not to install the modem software, use your Pocket PC's built-in connection utility to manually set up a dial-up connection. Refer to Appendix C for instructions.

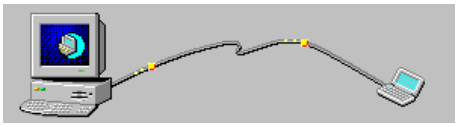
## Software Installation Instructions

These instructions apply to both Connect!Agent and modem software installation, which require separate installs.

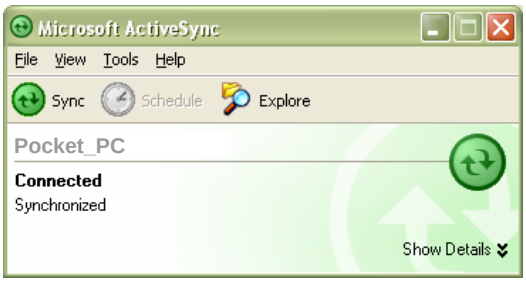
*ADVANCED USERS: For CAB file installation, please refer to Appendix D.*

***IMPORTANT!***
***Make sure you have ActiveSync 4.0 or greater. You can download it free from [www.socketcom.com/activesync](www.socketcom.com/activesync).***

1. Use ActveSync and a USB/serial/Ethernet cable or cradle to make an active connection between the Pocket PC and a host PC.



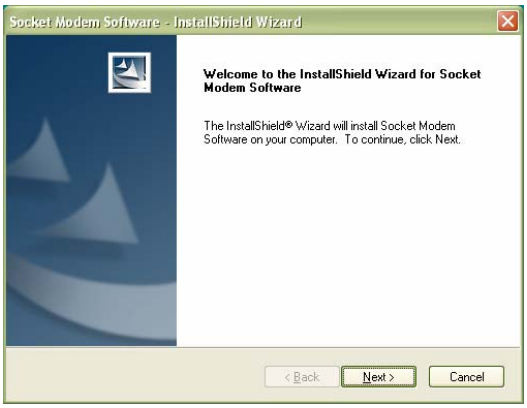
ActiveSync should report Connected, and the ActiveSync icon should turn green.



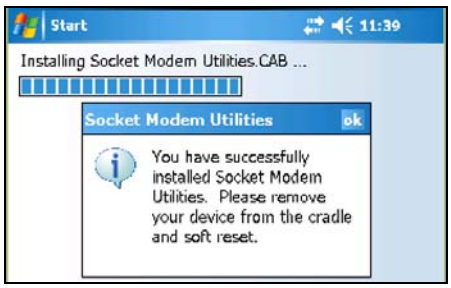

2. Insert the *Socket 56K Modem Installation CD* into the host PC.

3. Use My Computer or Windows Explorer to access your CD-ROM drive. Click on the Setup.exe file for either Connect!Agent or the modem software.

4. The Setup program for the software will appear. Follow the instructions on your screen until software installation is complete.




5. After software installation, your Pocket PC will prompt you to remove the device from the cradle and soft reset. Tap ok. Remove your device from the cradle and press the reset button.




*Note: If you forget to soft reset, some software icons will not appear.*

6. If desired, repeat this same process to install Socket's other software for Windows Mobile (Connect!Agent or the modem software).

*Note: After Connect!Agent installation, a bubble may appear reporting that a new modem has been detected and there are no connections set up for the modem. Tap Dismiss.*

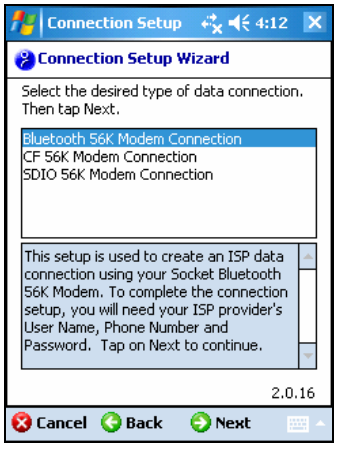
## STEP 4: Complete the Connection Setup Wizard

If you did not install modem software, refer to Appendix C for manual setup instructions.

1. If the Pocket PC is connected to the host PC, remove it from the cable/cradle.
2. Tap Start | Settings | Connections tab. Tap on the Connection Setup icon.

3. Follow the Connection Setup Wizard to create a dial-up connection. Read the information in the welcome screen and tap Next.

4. Select Bluetooth 56K Modem Connection and tap Next.




5. Enter a name for the *Bluetooth* connection, or accept the default. Tap Next.

6. Enter the user name, password and dial-up number for your ISP account.

7. When prompted to insert the *Bluetooth* card, do the following:

- If your device has a built-in *Bluetooth* radio, ignore and tap OK.
- If your Pocket PC does not have a built-in *Bluetooth* radio, insert the Socket SD/CF *Bluetooth* card or another *Bluetooth* adapter. Tap OK.

8. The last screen will report that you have completed the wizard. Tap on the link for Remote Networking if you would like to use the Pocket PC's Connection Manager to start dialing. Otherwise, tap Finish.

## STEP 5: Connect to a Telephone Line

***WARNING! Do not plug the modem into a digital PBX line. The modem will not work and may be damaged.***

1. Use the included retractable cable to connect your modem to an analog telephone line.

2. Turn on the Socket Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.

## STEP 6: Dial and Connect

*Note: Your Pocket PC may be set to automatically suspend after inactivity. If your Pocket PC suspends while connected, the connection will be lost. Check your Pocket PC's battery settings to disable this feature.*

**Windows Mobile 5.0:** You can use any of three methods.

### *METHOD 1: Use the Connection Manager*

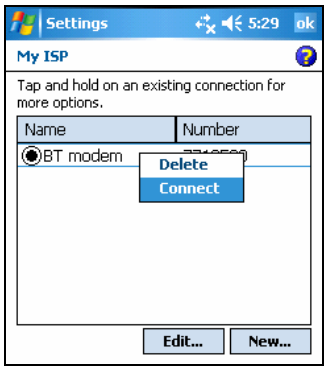
1. If you did not install Connect!Agent, refer to the OPTIONAL section at the end of this chapter to manually create a *Bluetooth* connection using the *Bluetooth* software included with your Pocket PC or *Bluetooth* card.

2. If you just completed the Socket Connection Setup Wizard and tapped on the link for Remote Networking, the Connections screen will appear.

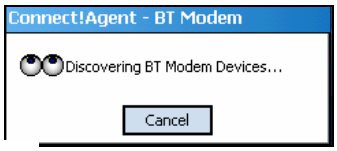
   To access this screen any time, tap Start | Settings | Connections tab. Tap on the Connections icon.

3. Under My ISP, tap Manage existing connections.

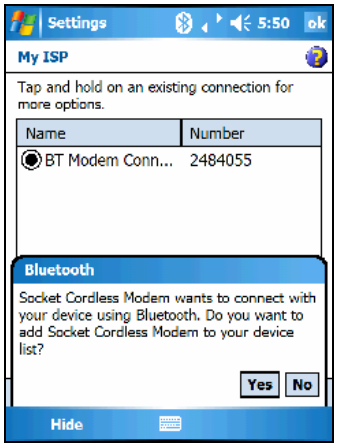
4. Tap and hold your stylus on the connection for the Socket Cordless 56K Modem. In the pop-up menu, tap Connect.




5. If you installed Connect!Agent, a bubble will appear reporting that the modem is dialing. If desired, tap Hide to reveal a status screen reporting that Connect!Agent is searching for the Socket Cordless 56K Modem.

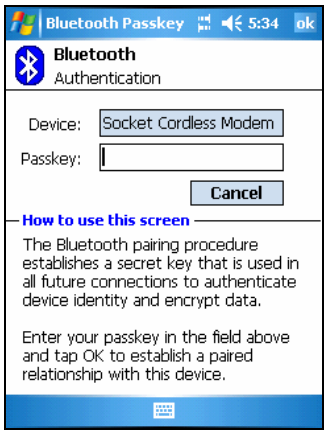



Connect!Agent will ask whether you want to add the Socket Cordless 56K Modem to your *Bluetooth* device list. Tap Yes to enable automatic connections to the modem in the future.

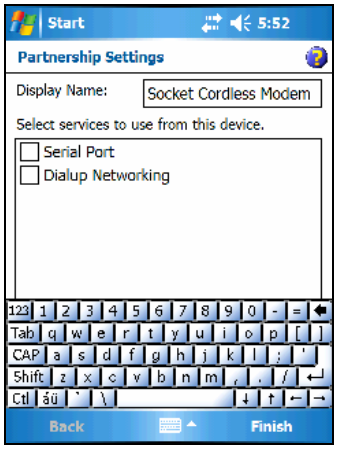



*Note: Tap on the Bluetooth icon at the top of the screen to view the Connect!Agent status.*

When prompted, enter the passkey from a sticker on the back on the modem.

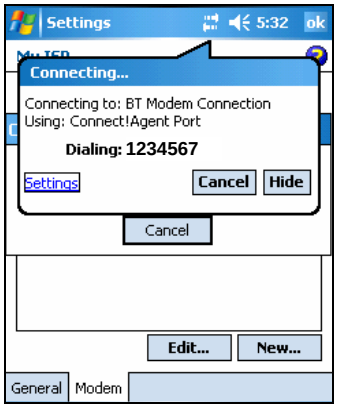



When prompted to select the *Bluetooth* service, select Dialup Networking. Tap Finish.




*Note: After a successful connection, Socket Connect!Agent will save the device and passkey information, so future connections will be automatic.*

6. After the *Bluetooth* connection is established, the *Bluetooth* status LED will blink blue. Dialing will begin. The modem will make dialing sounds.




7. After the modem connects to your ISP or office network, the Modem Status LED will turn on (green), blinking during data transfer. Also, the "X" will disappear from the Connection icon at the top of your screen. Now you are ready to use your email or Internet application.

### *METHOD 2: Dial Automatically from Your Application*

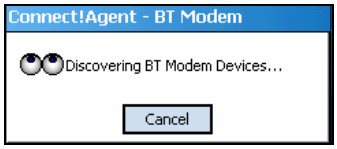
The Pocket PC's built-in Connection Manager automatically tries to connect to your ISP or office network whenever you try to use a program that uses a dial-up connection (e.g., email, Internet).

1. If you did not install Connect!Agent, refer to the OPTIONAL section at the end of this chapter to manually create a *Bluetooth* connection. Make sure the *Bluetooth* radio of your Pocket PC is turned on.

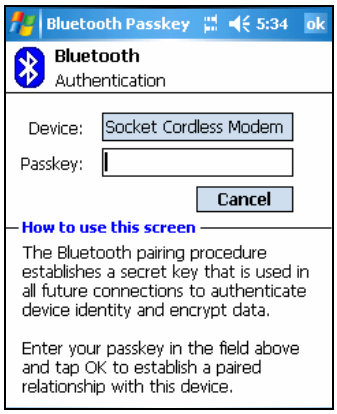
2. Make sure the modem is turned on.

3. Start the program that uses a dial-up connection. Enter a request for data transfer (e.g., in Internet Explorer, enter a URL and tap the green arrow).

4. If you installed Connect!Agent, a bubble will appear reporting that the modem is dialing. If desired, tap Hide to reveal a status screen reporting that Connect!Agent is searching for the Cordless 56K Modem.




When prompted, enter the passkey from a sticker on the back on the modem.



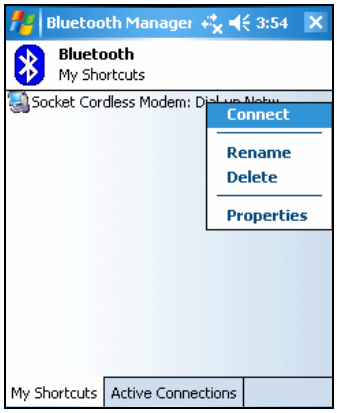

*Note: After a successful connection, Socket Connect!Agent will save the device and passkey information, so future connections will be automatic.*

5. After the *Bluetooth* connection is established, the *Bluetooth* Status LED will begin blinking blue. Dialing will begin. The modem will make dialing sounds.

6. When the modem connects to your ISP or office network, the Modem Status LED will turn on (green), blinking during data transfer. Also, the "X" will disappear from the Connection icon at the top of your screen. Now you are ready to use your email or Internet application.

### *METHOD 3: Use your Pocket PC's Built-in Bluetooth software*

The *Bluetooth* software built into some Pocket PCs allows you to start dialing into your ISP after establishing a *Bluetooth* connection to the Socket Cordless 56K Modem. Refer to your Pocket PC manual for instructions.




### *Ending a Data Call*

Tap on the connection icon (two arrows). In the bubble, tap Disconnect.

**Windows Mobile 2003/2003SE:** You can use either of two methods.

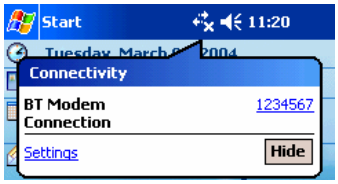
***METHOD 1: Tap on the Connection Icon***

1. If you did not install Connect!Agent, refer to the OPTIONAL section at the end of this chapter to manually create a *Bluetooth* connection. Make sure the *Bluetooth* radio of your Pocket PC is turned on.

2. Make sure the modem is turned on.

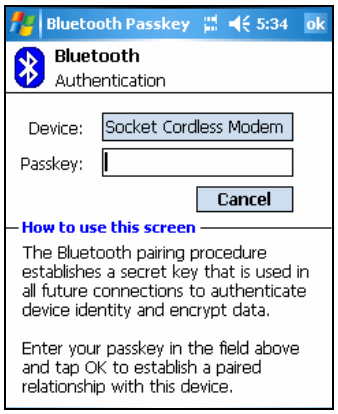
3. Tap on the Connection icon (two arrows) at the top of the screen. It should have an "X" to show that you are not connected.

4. A bubble should appear with the dial-up connection you just created for the Cordless 56K Modem. Tap on the phone number.




*Note: Multiple connections may be listed. If the Cordless 56K Modem connection is not listed, tap on the* Settings *link in the bubble. Tap* Manage Existing Connections. *Select the connection. Tap* ok.

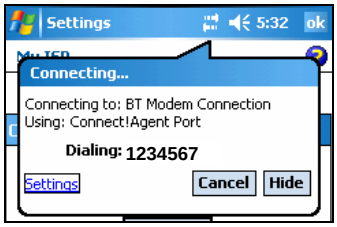
5. If you installed Connect!Agent, it will begin searching for the Socket Cordless 56K Modem. After Connect!Agent finds the modem, the *Bluetooth* Passkey screen will appear. Enter the passkey from a sticker on the back on the modem.




*Note: After a successful connection, Socket Connect!Agent will save the device and passkey information, so future connections will be automatic.*

6. If you did not use the Connection Setup Wizard, the Network Log On screen may appear. Enter the Password for your account and tap OK.

7. After a *Bluetooth* connection is established, the *Bluetooth* Status LED will begin blinking blue. Dialing will begin. The modem will make dialing sounds.




8. When the modem connects to your ISP or office network, the Modem Status LED will turn on (green), blinking during data transfer. Also, the "X" will disappear from the Connection icon at the top of your screen to indicate the connection. Now you are ready to use your email or Internet application.

### *METHOD 2: Dial Automatically from Your Application*

The Pocket PC's built-in Connection Manager automatically tries to connect to your ISP or office network whenever you try to use a program that uses a dial-up connection (e.g., email, Internet). The process is the same as for Windows Mobile 5.0. Please refer to the instructions on page 20

## OPTIONAL: Use Socket Modem Utilities

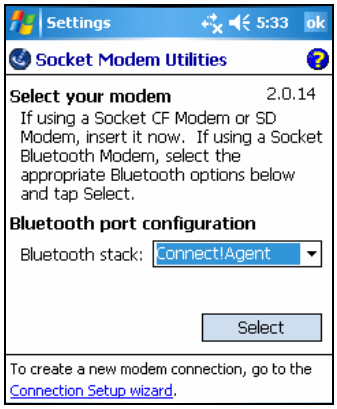
1. Make sure the modem is NOT connected to your ISP or office network.

2. Turn on the Socket Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.

3. If you did not install Connect!Agent, turn on the *Bluetooth* radio of your Pocket PC.

4. Tap Start | Settings | System tab. Tap on the Socket Modem Utilities icon.

5. The Socket Modem Utilities screen will appear.



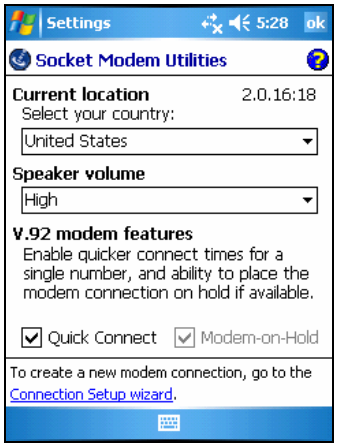

   In the Bluetooth stack field, select the *Bluetooth* stack you will be using to connect to the Cordless 56K Modem.

   - Connect!Agent: Select if you installed Connect!Agent.
   - Built in: Select if your Pocket PC has a built-in *Bluetooth* radio. EXCEPTION: If using Windows Mobile 5.0 with built-in *Bluetooth* radio with Microsoft stack, select Other.
   - Socket: Select if using the Socket SD/CF Bluetooth card.
   - Other: Select if using a removable *Bluetooth* adapter other than Socket's. In the COM Port field, select the COM port that your *Bluetooth* software has assigned to the *Bluetooth* connection.

   Tap Select.

6. The Pocket PC will search for and connect to the Cordless 56K Modem.

7. The next screen will allow you to enter modem settings.




- Current location: Select the country you will dial from.
- Speaker volume: Select the modem's sound level.
- Quick Connect: Check if you would like to configure the modem for quick connections from a particular phone line. You must have a V.92 Internet Service Provider. The first time you connect from the phone line, the modem will save the phone line's settings, enabling quicker connections in the future from the same phone line. This feature is helpful if you plan to use the Socket Cordless 56K Modem repeatedly from the same phone line.

  *Note: Socket recommends that you disable Quick Connect if you plan to use the modem with different phone lines. Otherwise, it may take twice as long to establish a connection because the modem searches for the previous line characteristics before trying to connect to a new line.*

Tap ok.

## OPTIONAL: Manually Set up *Bluetooth* Connection

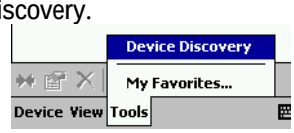
For complete instructions, refer to your *Bluetooth* hardware/software manual.

### Windows Mobile 5.0 with built-in *Bluetooth* radio

You can skip this step. Go ahead and connect to a telephone line and dial into your network. The *Bluetooth* connection will be established when the Pocket PC tries to connect to the modem to dial.

### Socket SD/CF Connection Kit

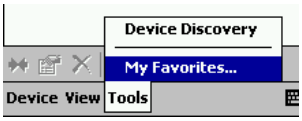
1. Turn on the modem. Push the power switch up. To run the modem on AC power, use the included AC adapter.
2. Insert the Socket SD/CF card into your Pocket PC.
3. Tap on the *Bluetooth* icon. Tap Advanced Features | Bluetooth Devices.
4. Tap Tools | Device Discovery.




5. Follow the wizard to search for the Socket Cordless 56K Modem. Select Socket Cordless Modem from the list of found devices.
6. When prompted, enter the passkey. The passkey is printed on a sticker on the back of the modem, as well as inside the battery door.

*Note: You only need to discover, bond with, and pair with the modem the first time you use it.*

7. After you complete the wizard, the modem should appear in the *Bluetooth* Devices folder as a phone. Tap Tools | My Favorites.




8. Tap on the Phone tab and select Socket Cordless Modem. Tap ok.
9. The *Bluetooth* Status LED will blink, indicating the *Bluetooth* connection.

### All Other *Bluetooth* Hardware and Software

These are generic instructions. Refer to the user documentation for your *Bluetooth* hardware/software for specific instructions.

1. Turn on the Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.

2. If your Pocket PC does not have a built-in *Bluetooth* radio, make sure to add it now with a removable card/adapter.

3. On your Pocket PC, perform a *Bluetooth* device search until you find the Socket Cordless Modem. If your software allows you to, you may want to search for only phone devices (the modem is classified as a phone).

4. Pair and bond with the Cordless 56K Modem. Enter the passkey for your modem. The passkey is printed on a sticker on the back of the modem, as well as inside the battery door.

   *Note: You only need to discover, bond with, and pair with the modem the first time you use it.*

5. After the devices have connected, the *Bluetooth* connectivity LED on the modem will blink blue.

# 3 | Setup for Palm OS

This chapter explains how to install and use the Cordless 56K Modem with a *Bluetooth* enabled Palm PDA that supports a DUN client. The modem works with PDAs running Palm OS 5.2 or greater.

## Setup Summary

STEP 1: Charge the modem.
STEP 2: Prepare dial-up information.
STEP 3: Connect modem and PDA with *Bluetooth*
STEP 4: Set up your dial-up connection.
STEP 5: Dial and connect.

*Note: The instructions in this chapter were based on the Tungsten T, T2, T3, T5 and Zire 72. If you are using another Palm PDA, refer to your device's user documentation.*

## STEP 1: Charge the Modem

If you have the battery-powered version of the Cordless 56K Modem and want to run it on battery power, use the included AC adapter to charge the modem. It may take up to four hours to reach full charge.

The Battery Charging Status LED will be red when the battery is less than 90% charged, and green when at least 90% charged.

## STEP 2: Prepare Dial-up Information

Obtain the following information from your network administrator or ISP.

Dial-up number: (_____) _____

User name: _____

Password: _____

*ADVANCED USERS: To perform an advanced setup, you may want to use the Network Information Form in Appendix B.*

## STEP 3: Connect Modem and PDA with *Bluetooth*

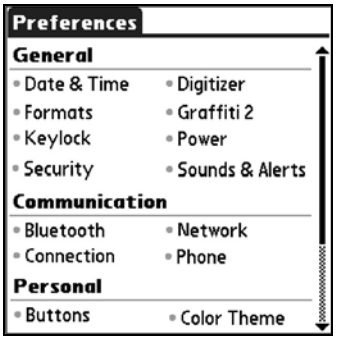
***WARNING!***

- ***Do not use a Palm Bluetooth wizard to connect to the modem!***
- ***Do not plug the modem into a digital PBX line. The modem will not work and may be damaged!***

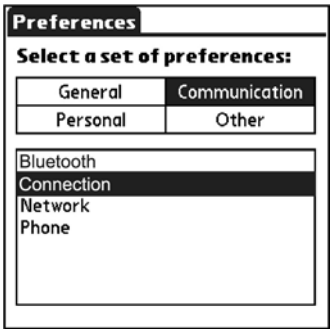
1. Connect the Socket Cordless 56K Modem to an analog phone line. Use the included retractable cable.

2. Turn on the Socket Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.

3. Tap Home | Prefs | Communication | Connection.



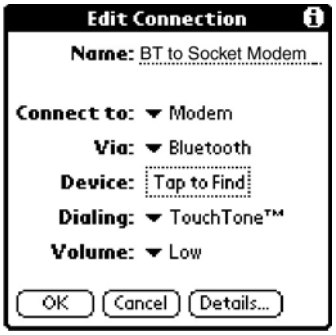

*Tungsten T2, T3, T5, Zire 72*




*Tungsten T*

4. At the bottom of the next screen, tap New...

5. The Edit Connections screen will appear. Enter the following:
    - Name: Enter a name for the device connection.
    - Connect to: Select Modem.
    - Via: Select Bluetooth.



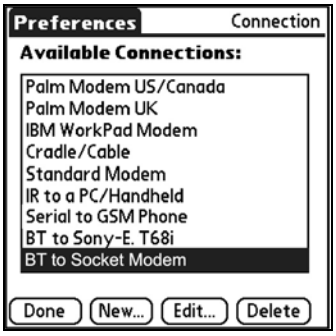

6. The Device field will appear. Tap Tap to Find.

7. Your PDA will search for *Bluetooth* enabled devices in range. In the Discovery Results, select Socket Cordless Modem. Tap OK. If the Cordless 56K Modem is not listed, make sure it is turned on and in range and tap Find More.

8. After the PDA finds the modem, it will ask whether you want to add it to your trusted device list. Tap Yes.

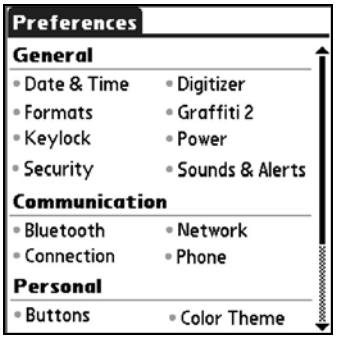
9. Enter the passkey from the sticker on the back of the Socket Cordless 56K Modem. Tap OK.

10. Tap Done to return to the Connection Preferences screen. Your new connection should be listed. Tap Done.

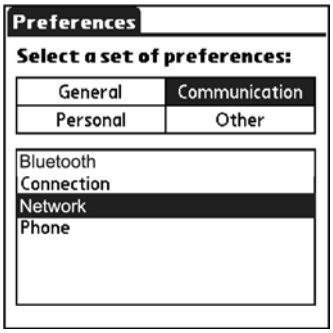


## STEP 4: Set up Your Dial-up Connection

1. From the Communications Preferences list, select Network.




*Tungsten T2, T3,T5, Zire 72*




*Tungsten T*

2. In the Network Preferences screen, tap New.

3. An Untitled network service profile will appear. Enter the following:

- Service: Enter a name for the connection, such as the ISP name.
- User Name: Enter the user name for your ISP account.
- Password: If desired, enter the password for your ISP account, and it will be saved. Otherwise, you will be prompted to enter the password every time you connect.
- Connection: Select your *Bluetooth* connection to the modem.
- Phone: Enter the dial-up number for your ISP. In the Phone Setup screen, enter any necessary dialing prefixes. Tap OK.

## STEP 5: Dial and Connect

1. In the Network Preferences screen, tap Connect.

2. Dialing will begin. Service Connection Progress messages will appear, reporting the status of the connection. The modem will make dialing sounds.

3. When the PDA reports that you have connected, tap Done. Now you are ready to use your email or Internet application.

# 4 | Setup for Windows 98SE/Me/2000/XP

This chapter explains how to set up the Socket Cordless 56K Modem for use with a notebook computer running Windows 98SE/Me/2000/XP.

## Setup Summary

STEP 1: Charge the modem.
STEP 2: Prepare dial-up information.
STEP 3: Connect the modem and computer with *Bluetooth*
STEP 4: Make sure a virtual *Bluetooth* modem is installed.
STEP 5: Set up your dial-up connection.
STEP 6: Dial and connect.

*OPTIONAL: Set up advanced networking.*

## STEP 1: Charge the Modem

If you have the battery-powered version of the modem and want to run it on batteries, use the included AC adapter to charge the modem. It may take up to four hours to reach full charge.

The Battery Charging Status LED will be red when the battery is less than 90% charged, and green when at least 90% charged.

## STEP 2: Prepare Dial-up Information

Obtain the following information from your network administrator or ISP.

Dial-up number: (_____) _____

User name: _____

Password: _____

*ADVANCED USERS: To perform an advanced setup, you may want to use the Network Information Form in Appendix B.*

## STEP 3: Connect Modem and PC with *Bluetooth*

***WARNING!***

***Do not plug the modem into a digital PBX line. The modem will not work and may be damaged.***

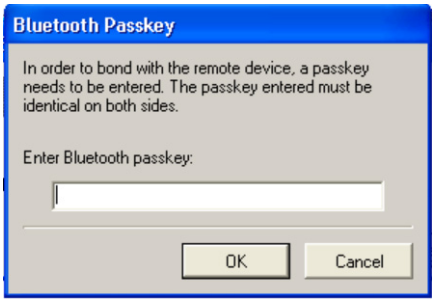
1. Connect the Socket Cordless 56K Modem to an analog phone line. Use the included retractable cable.

2. Turn on the Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.

3. On your PC, perform a *Bluetooth* device search until you find the Cordless 56K Modem. If your software allows you to, you may want to search for only phone devices (the modem is classified as a phone).

   *Note: If you are using a Socket add-on Bluetooth product with BlueSoleil software, click* ***Bluetooth*** *|* ***Device Discovery****.*

4. Pair and bond with the Cordless 56K Modem. Enter the passkey for your modem. The passkey is printed on a sticker on the back of the modem, as well as inside the battery door.



## STEP 4: Make Sure a Virtual *Bluetooth* Modem Is Installed

*Note: If your Bluetooth software automatically sets up the new modem in Windows, skip the instructions here. Socket's add-on Bluetooth products with BlueSoleil software automatically install a virtual Bluetooth modem.*

Most *Bluetooth* software automatically install a virtual *Bluetooth* modem for dial-up networking. If your software does not do this, you need to manually create one according to your *Bluetooth* software. Refer to your software's user documentation for instructions.

## STEP 5: Set up Your Dial-up Connection

*Note: If your Bluetooth software helps you set up a dial-up connection, skip the instructions here and set up the connection using your software. Make sure you enter the correct user name, password, and phone number for your ISP account.*

To set up your dial-up connection, use the Windows network connection wizard. The wizard varies with different Windows versions.

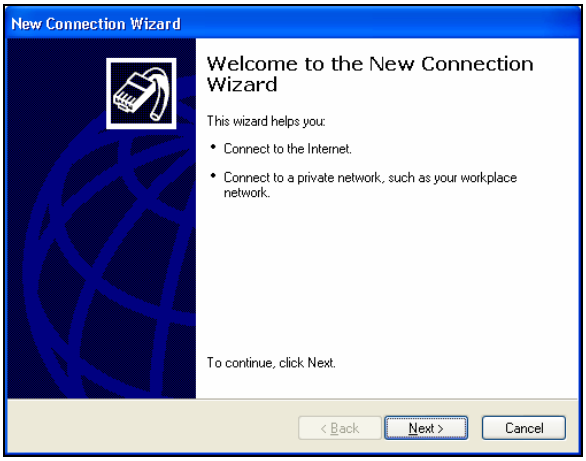
### Windows XP and 2000

*Note: Windows XP screens are shown. Windows 2000 screens will be functionally equivalent except where otherwise noted.*

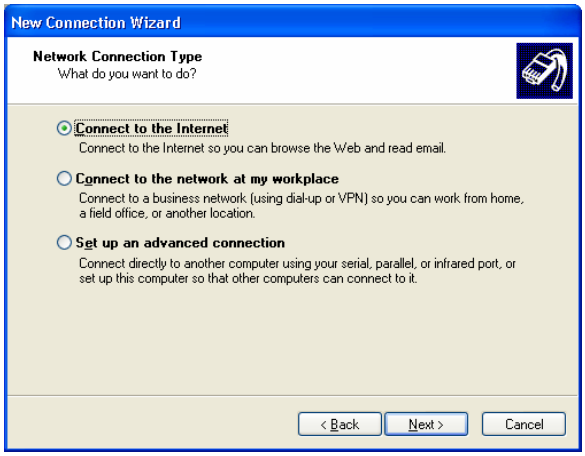
1. Start the Network Connection Wizard.
   - Windows XP: Click **Start | Control Panel | Network Connections**. Under **Network Tasks**, click **Create a new connection**.
   - Windows 2000: Click **Start | Settings | Network and Dial-up Connections**. Double-click **Make New Connection**.

2. Windows 2000: If the Location Information screen appears, enter the correct settings and click **Next**.

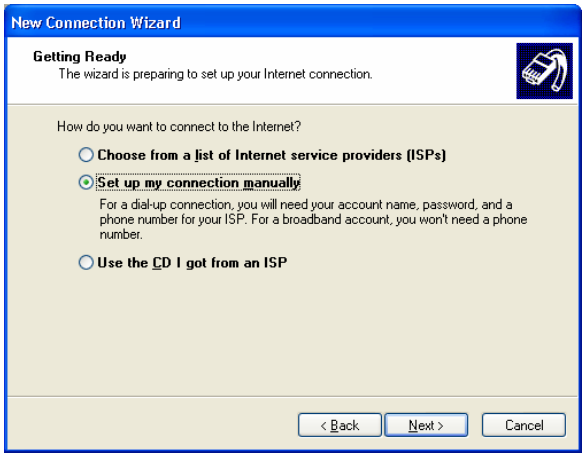
3. The New Connection Wizard will begin. Click **Next**.



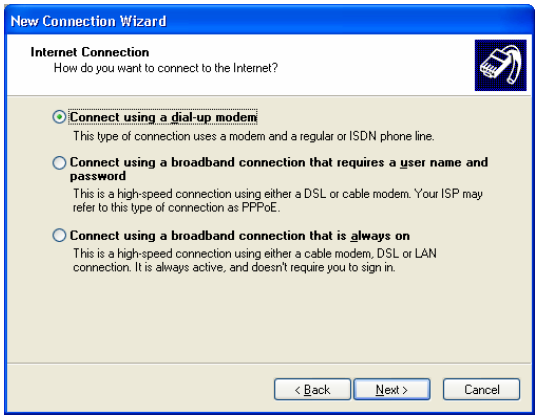
4. In the next screen, for Windows XP, select **Connect to the Internet**. For Windows 2000, select **Dial-up to the Internet**. Click **Next**.



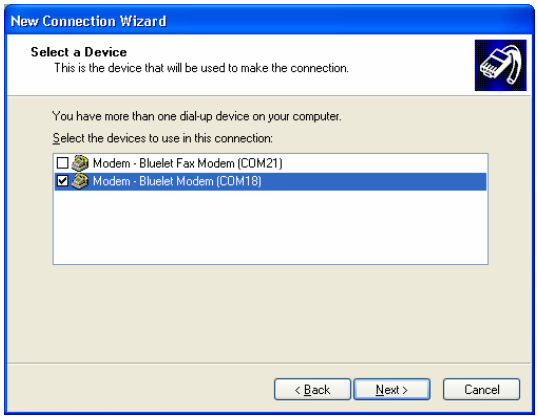

5. For Windows XP, select **Set up my connection manually**. For Windows 2000, select **I want to set up my Internet connection manually…** Click **Next**.



6. For Windows XP, select Connect using a dial-up modem.
   For Windows 2000, select I connect through a phone line and a modem.
   Click Next.




7. Select the virtual *Bluetooth* modem assigned for dial-up networking. **Deselect any other modems that may have been installed on your computer**. Click Next.




8. Follow the remaining screens to finish setting up the dial-up connection.

## Windows Me and 98SE

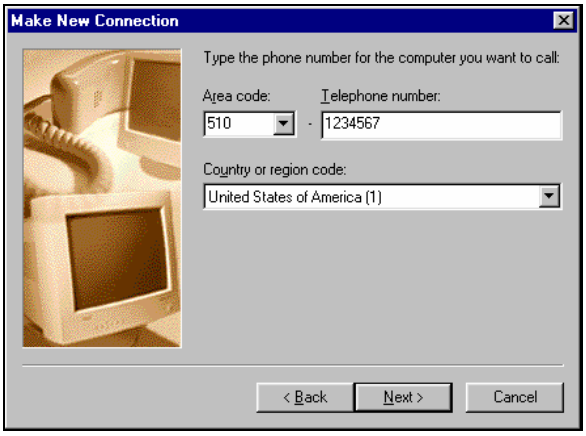
1. Click Start | Settings | Dial-up Networking.

2. Double-click on the Make New Connection icon.

3. The Make New Connection Wizard will begin. In the first screen, enter the following settings:

   - Enter a name for the dial-up connection.
   - Select a device: Select the virtual *Bluetooth* modem used for dial-up networking.
   - **Deselect any other modems that may have been installed on your computer**.
   - Click Next.

4. Enter the dial-up number and country code. Click Next.




5. In the last screen, click Finish.

## STEP 6: Dial and Connect

*Note: If your Bluetooth software helps you manage dial-up connections, skip the instructions here and use your software to dial-up to the network.*

1. After setting up your dial-up connection in the Windows wizard, your new connection should be listed in the network connections screen. Double-click on your new modem connection.

2. Make sure the correct User name, Password, and Phone number are entered. If necessary, create a new dialing location to make sure the correct area code and/or other dialing prefixes are used. Click Dial or Connect, depending on your Windows version.

3. Dialing will begin. The modem will make dialing sounds.

4. When the modem has connected to your ISP or office network, the status screen will report Connected. The Modem Status LED will turn on (green), blinking during data transfer. Now you are ready to use your email or Internet application.

5. To end a data call, in the connection status screen, tap Disconnect.

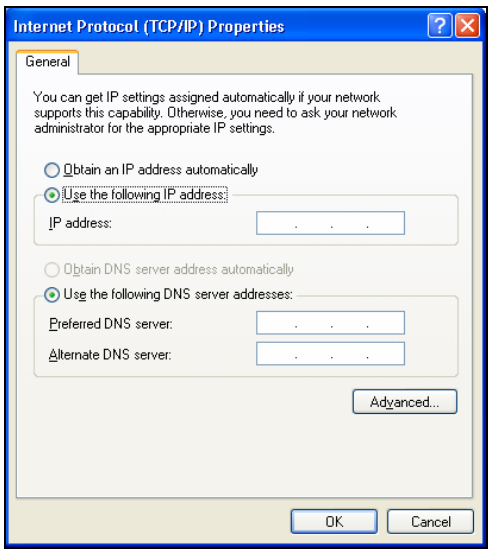
## OPTIONAL: Set up Advanced Networking

Follow the steps below to set up a connection for a RAS server. Advanced setup is necessary only if your network does NOT use DHCP (Dynamic Host Configuration Protocol).

*Note: You may want to complete the Network Information Form in Appendix B.*

### Windows XP

1. After completing the New Connection Wizard, the Connect screen will appear. Click Properties.
2. Click on the Networking tab. Check Internet Protocol and click Properties.
3. Enter any necessary settings. If needed, click Advanced to enter DNS, WNS or other settings. When done, click OK.



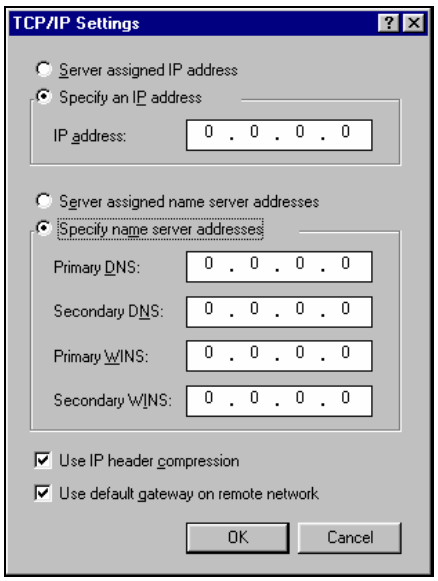

4. Click OK again in the main properties screen.
5. Restart your computer to make sure the changes take effect.

## Windows 2000

1. After you complete the New Connection Wizard, right-click on the icon for the connection you just created. In the pop-up menu, select Properties.
2. Click on the Networking tab. Check Internet Protocol and click Properties.
3. Enter any necessary settings. If needed, click Advanced to enter DNS, WNS or other settings. When done, click OK.
4. Click OK again in the main properties screen. Restart your computer to make sure the changes take effect.

## Windows Me and 98SE

1. After you complete the Make New Connection Wizard, right-click on the icon for the connection you just created. In the pop-up menu, select Properties.
2. Click on the Networking (Windows Me) or Server Types (Windows 98SE) tab. Click TCP/IP Settings.
3. Enter any necessary settings, then click OK.




4. Click OK again in the main properties screen. Restart your computer to make sure the changes take effect.

# 5 | Setup for Windows XP Tablet Edition

This chapter explains how to set up the Socket Cordless 56K Modem for use with a Windows XP tablet PC.

The instructions differ depending on which *Bluetooth* software your tablet PC is running. To find out which *Bluetooth* software your tablet PC is running, refer to the documentation that came with your tablet PC.

***Note: The instructions in this chapter are based on a Motion Computing tablet PC running either the Toshiba or Microsoft Bluetooth software. If you have a different tablet PC that runs a different Bluetooth software, the setup procedure will be different; refer to Chapter 5 for the general Windows XP setup instructions..***

## Setup Summary

STEP 1: Charge the modem.
STEP 2: Prepare dial-up information.
STEP 3: Turn on the *Bluetooth* radio.
STEP 4: Connect modem and tablet with *Bluetooth*
STEP 5: Set up your dial-up connection.
STEP 6: Dial and connect.

## STEP 1: Charge the Modem

If you have the battery-powered version of the modem and want to run it on batteries, use the included AC adapter to charge the modem. It may take up to four hours to reach full charge.

The Battery Charging Status LED will be red when the battery is less than 90% charged, and green when at least 90% charged.

## STEP 2: Prepare Dial-up Information

Obtain the following information from your network administrator or ISP.

Dial-up number: (_____) _____

User name: _____

Password: _____

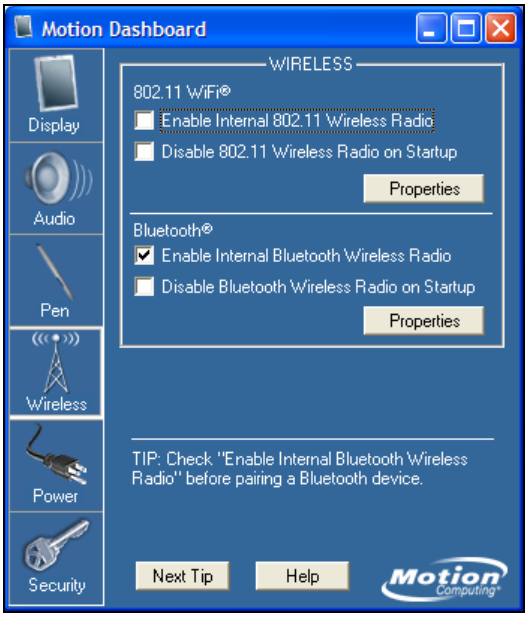
*ADVANCED USERS: To perform an advanced setup, you may want to use the Network Information Form in Appendix B.*

## STEP 3: Turn on the *Bluetooth* Radio

1. Tap Start | Programs | Motion Resources | Dashboard.

   Alternatively, tap on the Dashboard icon on your desktop, or press the Hot Button for the Dashboard.

2. In the WIRELESS section, under Bluetooth, check the box Enable Internal Bluetooth Wireless Radio. Tap OK or X to exit the utility.



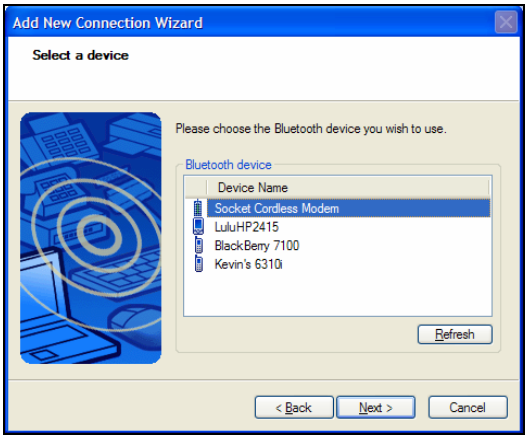
## STEP 4: Connect Modem and Tablet with *Bluetooth*

To create a *Bluetooth* connection, perform a *Bluetooth* device search, then pair and bond with the modem by entering the passkey. The exact procedure varies depending on which *Bluetooth* software your tablet PC is running.

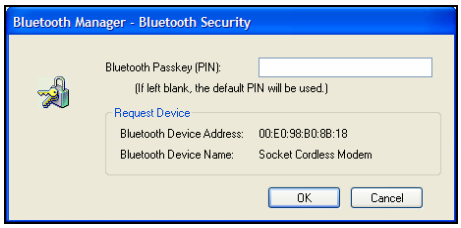
*Toshiba Bluetooth software*

1. Turn on the Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.
2. Double-tap on the *Bluetooth* icon at the bottom of your screen.
3. In *Bluetooth* Settings, tap New Connection at the bottom of the screen.
4. The Add New Connection Wizard will launch. Select Custom Mode and tap Next. The tablet will begin searching for *Bluetooth* devices in range.

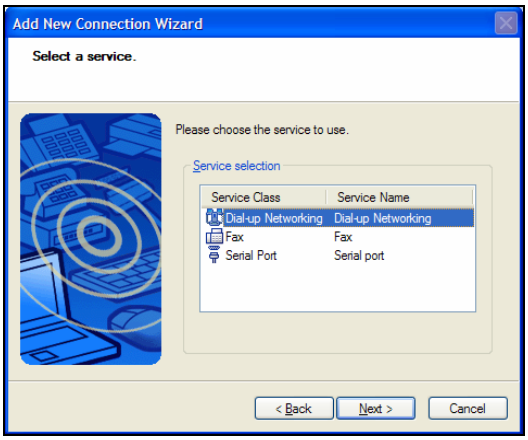
5. In the list of found devices, select Socket Cordless Modem. Tap Next.



6. Enter the passkey printed on a sticker on the back of the modem. Tap Next.

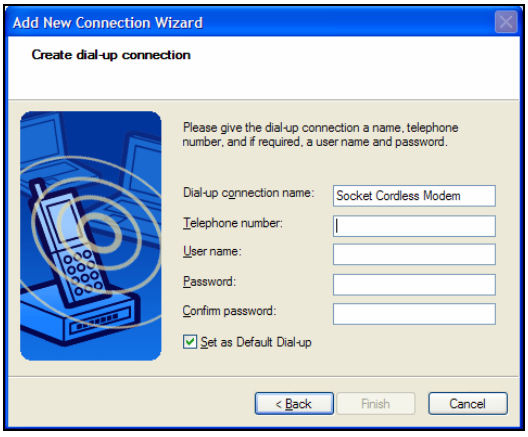



7. In the list of device services, select Dial-up Networking. Tap Next.




8. In the Advanced Modem Settings screen. tap Next.

9. Enter the Telephone number, User name and Password for your Internet Service Provider account. Tap Finish.

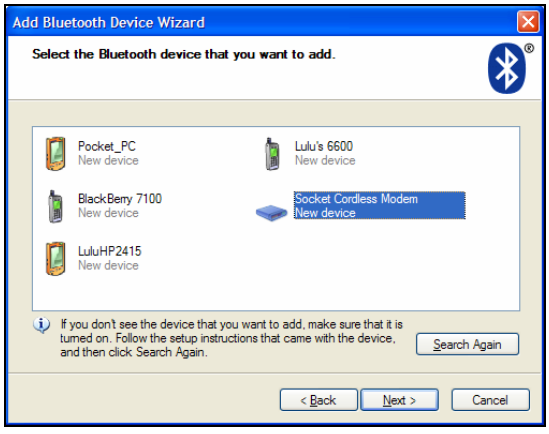


*Microsoft Bluetooth software*

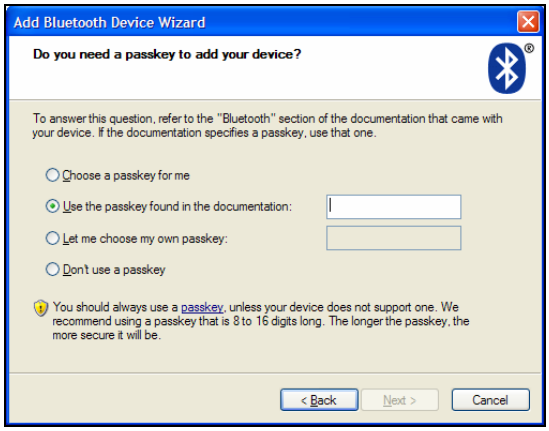
1. Turn on the Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.
2. Tap on the *Bluetooth* icon at the bottom of your screen. In the pop-up menu, tap Add a Bluetooth Device.

3. Check the box My device is set up and ready to be found. Tap Next.

4. The computer will begin searching for *Bluetooth* devices in range. In the list of found devices, select Socket Cordless Modem. Tap Next.



5. In the next screen, select Use the passkey found in the documentation. Enter the passkey printed on a sticker on the back of the modem. Tap Next.

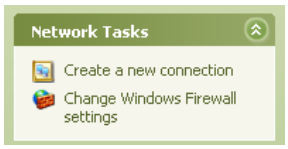



6. In the last screen, make a note of the Outgoing COM port number. Tap Finish.

## STEP 5: Set up Your Dial-up Connection

*Note: If your Bluetooth software helps you set up the dial-up connection (e.g., Toshiba Bluetooth software), skip this step. Go ahead and connect, as described on page 55.*

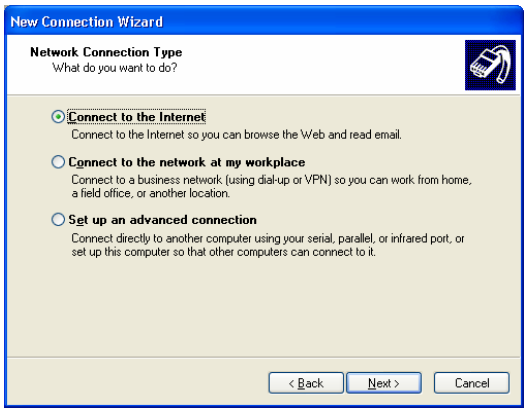
1. Tap **Start | Control Panel | Network Connections**. Under **Network Tasks** on the left side, tap **Create a new connection**.



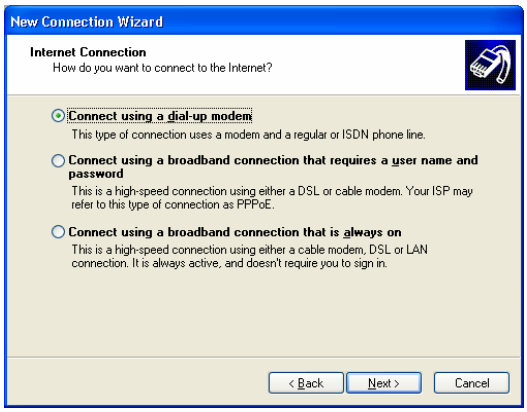

   Alternatively, tap on the icon for **Network Setup Wizard** if it appears in the Control Panel.

2. The New Connection Wizard will begin. Tap **Next**.

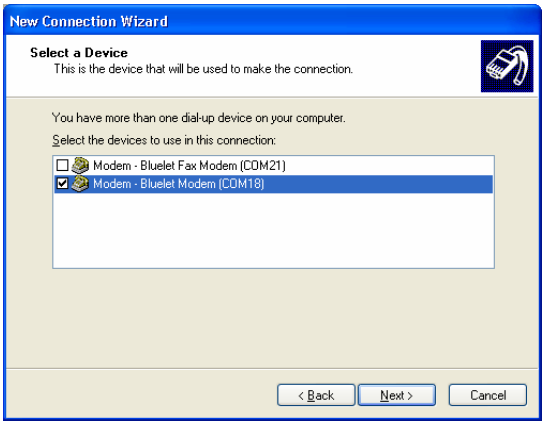
3. Select **Connect to the Internet**. Tap **Next**.



4. Select Set up my connection manually. Tap Next.
5. Select Connect using a dial-up modem. Tap Next.




6. If the Select a Device screen appears, select the *Bluetooth* modem at the Outgoing COM port number you noted earlier. **Deselect any other modems that may have been installed on your computer**. Tap Next.




7. Follow the remaining screens until the dial-up connection has been successfully set up. You will need to enter the phone number, user name, and password for your Internet Service Provider account.

## STEP 6: Dial and Connect

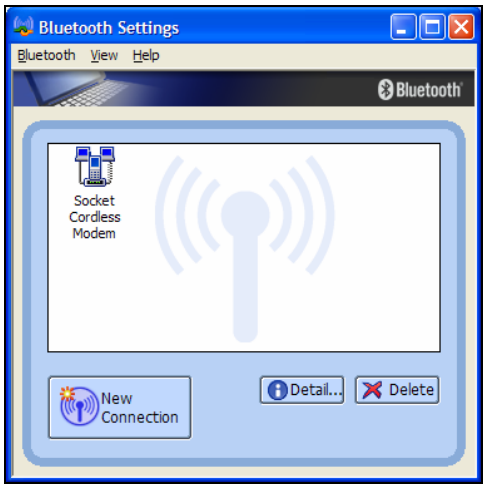
***WARNING!***

***Do not plug the modem into a digital PBX line. The modem will not work and may be damaged.***

1. Connect the Socket Cordless 56K Modem to an analog phone line. Use the included retractable cable.
2. The procedure for dialing into a network varies depending on the *Bluetooth* software your tablet PC is running.

   *Toshiba Bluetooth software*: Use your Bluetooth software to dial in.

   - After you complete the Add Bluetooth Device Wizard, Bluetooth Settings will appear. Press the pen Function Button then tap on the Socket Cordless Modem icon.




   - In the pop-up menu, tap Connect.
   - A connection status screen will appear. Dialing will begin. The modem will make dialing sounds.
   - When the modem has connected to your network, the Modem Status LED will turn on (green), blinking during data transfer. Additionally, a wireless connection icon (two computers) will appear at the bottom of your screen. Now you are ready to use your email or Internet application.
   - To disconnect, double-tap on the wireless connection icon at the bottom of your screen. In the status screen, tap Disconnect.

*Microsoft Bluetooth software*: Use the Microsoft connection utility to dial in.

- After you complete the New Connection Wizard, the Connect To screen will appear. Tap Dial.

*Note: To launch this screen any time, in the Network Connections screen, tap on the icon for your dial-up connection.*

- A connection status screen will appear. Dialing will begin. The modem will make dialing sounds.
- When the modem has connected to your network, the Modem Status LED will turn on (green), blinking during data transfer. Additionally, a wireless connection icon (two computers) will appear at the bottom of your screen. Now you are ready to use your email or Internet application.
- To disconnect, double-tap on the wireless connection icon at the bottom of your screen. In the status screen, tap Disconnect.

# 6 | Setup for Mac OS X

This chapter explains how to set upthe Socket Cordless 56K Modem for use with a notebook computer running Mac OS X. The instructions are based on the iBook G4.

## Setup Summary

STEP 1: Charge the modem.
STEP 2: Prepare dial-up information.
STEP 3: Connect the modem and computer with *Bluetooth*
STEP 4: Set up your dial-up connection.
STEP 5: Dial and connect.

## STEP 1: Charge the Modem

If you have the battery-powered version of the modem and want to run it on battery power, use the included AC adapter to charge the modem. It may take up to four hours to reach full charge.

The Battery Charging Status LED will be red when the battery is less than 90% charged, and it will turn green when it is at least 90% charged.

## STEP 2: Prepare Dial-up Information

Obtain the following information from your network administrator or ISP.

Dial-up number: (_____) _____

User name: _____

Password: _____

*ADVANCED USERS: To perform an advanced setup, you may want to use the Network Information Form in Appendix B.*

## STEP 3: Connect Modem and Notebook with *Bluetooth*

***WARNING!***

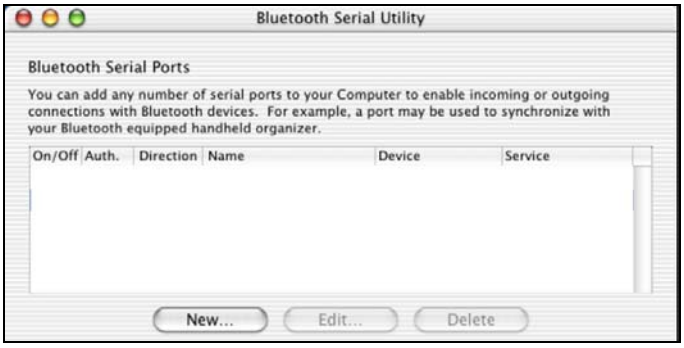
***Do not plug the modem into a digital PBX line. The modem will not work and may be damaged.***

1. Connect the Socket Cordless 56K Modem to an analog phone line. Use the included retractable cable.

2. Turn on the Cordless 56K Modem by pushing the power switch up. To run the modem on AC power, use the included AC adapter.

3. Click Finder | Applications | Utilities | Bluetooth Serial Utility.

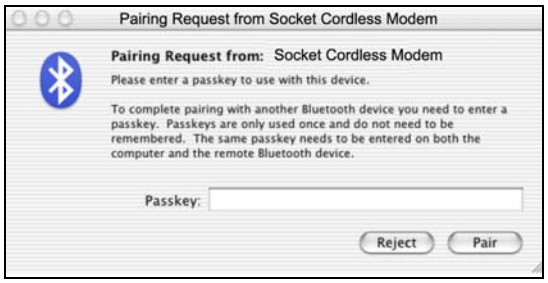
4. At the bottom of the Bluetooth Serial Utility screen, click New…




5. Enter a name for the device connection. For Port Direction, select Outgoing. For Port Type, select Modem. Click Select Device.

6. In the Select Bluetooth Device screen, for Device Type, select Phones. For Category, select Discovered Devices. Click Search.

7. When prompted, enter the passkey, printed on a sticker on the back of the modem, as well as inside the battery door. Click Pair.




8. When asked to choose services, select Internet Access. Click OK.
9. For Socket Cordless Modem, select Dial-up Networking. Click Select.

10. In the Bluetooth Serial Utility screen. Click OK. The next screen should list the new connection. Exit the utility.

## STEP 4: Set up Your Dial-up Connection

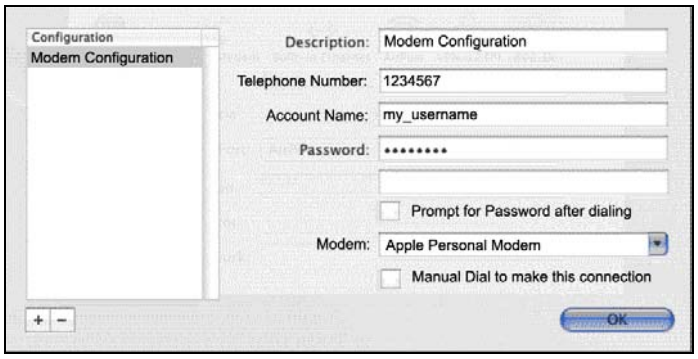
1. Click Applications | Internet Connect.

2. In the Bluetooth screen, for Configuration, select Edit Configurations.

3. In the next screen, enter settings for your dial-up connection:

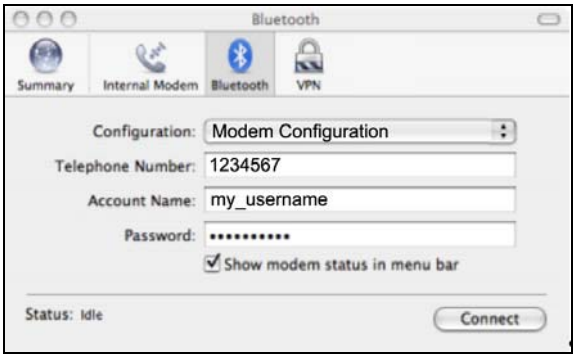
   - Description: Enter a name for your dial-up connection.
   - Telephone Number: Enter the dial-up number for your network.
   - Account Name: Enter the user name for your network account.
   - Password: Enter the password for your account, and it will be saved. Otherwise, the computer will prompt you for it after dialing.
   - Modem: Select Apple Personal Modem.

   Click OK.



## STEP 5: Dial and Connect

1. In the Bluetooth screen, click Connect. LEDs should begin blinking. The modem will make dialing sounds.




2. When the computer has connected, the Modem Status LED will turn on (green), blinking during data transfer. Now you are ready to use your email or Internet application.

# Appendix A
# **Specifications**

***Physical Characteristics:***
L x W x H: 3.1 x 1.1 x 2.9 inches (79 x 26.5 x 73 mm) Weight: 3.2 oz (91 g)

Power Consumption:
Active: 160 mA (Modem), 200 mA (*Bluetooth* transmitting)
Inctive: 20 mA (Modem), 20 mA (*Bluetooth*)

Battery capacity: 900 mA

Operating Temperature: 0 to +50° C Storage Temperature: -20 to +90° C

***Modem Characteristics***
Data Modulation: ITU V.92, V.90, 56Kflex, ITU V.34, V.32bis, V.32, V.22bis, V.23 Bell 212A, Bell 103, V.22bis fast connect, V.92 Hardware Ready
Error Correction: ITU V.42, MNP Lev. 2-4
Data Compression: ITU V 42 MNP Lev. 5
Fax Mode: ITU V.17, V.29, V.27ter, V.21 Channel-2, Class 1 Fax Command set
Line Requirement: PSTN (Public Switched Telephone Network)
Receiver Sensitivity: 0-43 dBm
Dialing Methods: Tone and Pulse

***Bluetooth Characteristics***
Protocol: *Bluetooth* 2.45 Ghz ISM band frequency hopping
Antenna: Integrated
Radio Range: Up to 328 ft (100 m), depending on environment
Connection: Point-to-point
Main Chip: CSR BlueCore 2
Security: Encrypted link
RF Power Output: 100 Milliwatt (Class 1)
*Bluetooth* Profiles: Dial-up Networking , Fax, General Access, Service Discovery, Serial Port

***Operating System Support***
Any Bluetooth enabled device that supports DUN Client
- Windows Mobile 2003/2003SE/5.0
- Windows CE 3.0 or greater
- Windows 98SE/Me/2000/XP/XP Tablet Edition
- Palm OS 5.2 or greater
- Mac OS 10.2 or greater

***Software Included for Windows Mobile (Optional to install):***

- Socket Connection Setup wizard for Windows Mobile 2003/2003SE/5.0
- Socket Modem Utilities for Windows Mobile 2003/2003SE/5.0
- Socket Connect!Agent for Windows Mobile 2003/2003SE/5.0

*Note: ActiveSync 4.0 or greater is required to install the software.*

***Certification/Compliance***

FCC Part 15 and Part 68
Safety - ETL + ETLc
Industry Canada
CE, CTR21, ETS
TELEC and JATE
*Bluetooth* 1.1
RoHS

# Appendix B
# **Network Information**

## Network Information Form

***For Advanced Users Only***

Contact your office network administrator or Internet Service Provider (ISP) for the information below.

For a text-only form that you can email to your network administrator or ISP, visit: www.socketcom.com/pdf/56kform.txt

1. Please provide the following dial-up information:

   Dial-up number: ( ____ ) _____

   User name: _____

   Password: _____

   Domain: _____

2. Does the network support DHCP (Dynamic Host Configuration Protocol)?

   ☐ **YES**. If *Yes*, then STOP. You do NOT need to answer Question 3.

   ☐ **NO**. If *No*, then continue to Question 3. You may need only some of the IP addresses listed below.

3. Please specify any applicable IP addresses:

   (a) Mobile Computer IP address: _____ . _____ . _____ . _____

   (b) Subnet Mask: _____ . _____ . _____ . _____

   (c) Default Gateway: _____ . _____ . _____ . _____

   (d) Primary DNS: _____ . _____ . _____ . _____

   (e) Secondary DNS: _____ . _____ . _____ . _____

   (f) Primary WINS: _____ . _____ . _____ . _____

   (g) Secondary WINS: _____ . _____ . _____ . _____

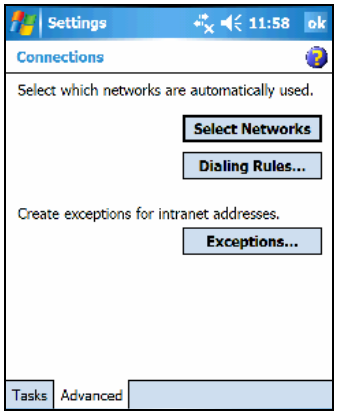
# Appendix C
# Manual Dial-up Connection Setup
### *for Windows Mobile*

These instructions are for manually setting up a dial-up connection to connect to an Internet Service Provider (ISP). To connect to your office network or a VPN/proxy server, or to configure advanced settings, refer to your Pocket PC manual for instructions.

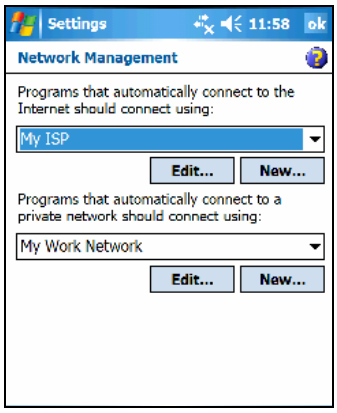
*Note: If you do not want to manually set up the connection, see Chapter 2 for instructions on the Socket Connection Setup Wizard.*

1. Tap Start | Settings | Connections tab. Tap on the Connections icon.

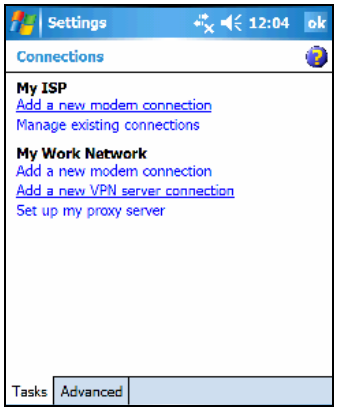
2. Tap on the Advanced tab. Tap Select Networks.



3. Make sure My ISP is selected in the top field, and My Work Network is selected in the bottom field. Tap ok.



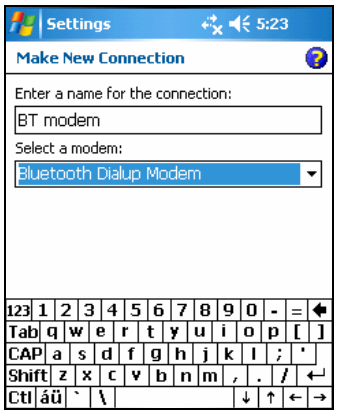

4. Tap on the Tasks tab. In most cases, you should tap Add a new modem connection under My ISP.



5. In the next screen, enter the following:
   - Enter a name...: Enter a name for your dial-up connection.
   - Select a modem: The options will vary depending on your Pocket PC version, and whether you installed Connect!Agent..

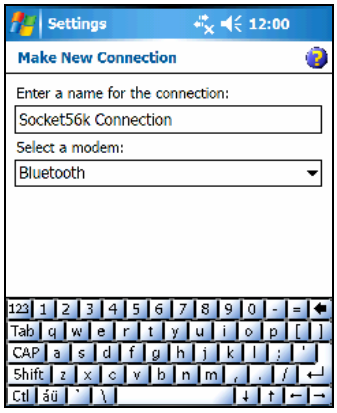
   Windows Mobile 5.0:
   – Connect!Agent Port: Select if you installed Connect!Agent.
   – Bluetooth Dialup Modem: Select if you did not install Connect!Agent.

   Tap Next.




   Windows Mobile 2003/2003SE:
   – Connect!Agent Port: Select if you installed Connect!Agent.
   – Bluetooth or Bluetooth Phone: Select if you did not install Connect!Agent.

   Tap Next.

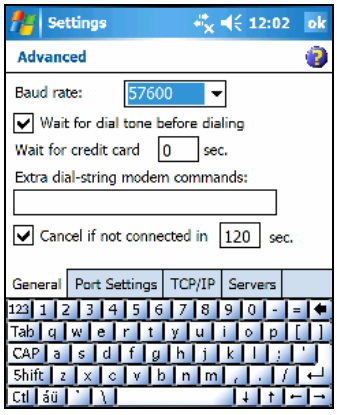


6. In the next screen, enter the dial-up number exactly how it should be dialed. You can enter the number without any spaces or dashes.

   *Note: If you plan to use the connection in different areas, tap* use dialing rules *to set up dialing locations. Refer to the Pocket PC manual for instructions.*

2. In the next screen, enter the User name and Password for your network account. Tap Advanced.

7. In the next screen, select the following:
   - Baud rate: 57600.
   - Wait for dial tone before dialing: Checked.




   If you DO NOT need to enter any IP addresses, tap ok.

   If you DO need to enter IP addresses, tap on the TCP/IP and Servers tabs to do so. Tap ok.

8. In the last screen, tap Finish.

# Appendix D
# Advanced Software Installation
## *for Windows Mobile*

### *Advanced Users Only!*

If you do not want to use the application installer to install Socket's modem software, you can install the software from a CAB (cabinet) file. The CAB file contains all the necessary software and drivers for your product to be installed on a specific Pocket PC platform. CAB files are available both on the installation CD (in the *CABs* folder) and online at: www.socketcom.com/support/support_cordless.asp?Type=Modem

In order to install the CAB file, you need a way to transfer the CAB file to your Pocket PC, such as:

- Use Microsoft ActiveSync to transfer the CAB file to your Pocket PC. Windows Mobile 5.0 devices require ActiveSync 4.0 or greater.
- Use a memory card reader to save the CAB file from your desktop PC to a memory card, then insert the memory card into your Pocket PC.
- If your Pocket PC has Internet access, download the CAB file directly from Socket's website to your Pocket PC.

1. Transfer the correct CAB file to your Pocket PC. Refer to the chart below to determine the correct file for your Pocket PC version. If transferring the CAB file with ActiveSync or downloading the CAB file directly to your Pocket PC, remember where you save the file.

| Windows Mobile Version | CAB File |
|---|---|
| 5.0 | Output.PPC2005ARMV4I |
| 2003/2003SE | Output.PPC2003ARMV4 |

2. Tap Start | Programs | File Explorer.
3. Use File Explorer to browse to the CAB file. Tap on the CAB file.
4. The CAB file will start installing on your Pocket PC. Follow the instructions on your device screen to install the software.
5. Your Pocket PC may warn that the CAB file comes from an unknown publisher. Tap Yes to continue installation.
6. After software installation, soft reset your device by pressing the reset button.

# Appendix E
# **Faxing**

The Cordless 56K Modem supports the *Bluetooth* faxing profile. Please note that the package does not include faxing software. The Cordless 56K Modem should work with most Third Party fax software.

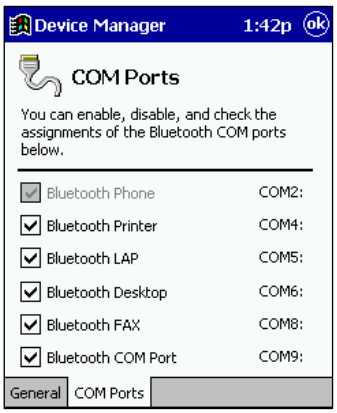
1. Make sure the mobile computer supports the *Bluetooth* fax profile.
2. Make sure the mobile computer has a *Bluetooth* COM port or virtual *Bluetooth* modem enabled for faxing.
   - If using Socket's Connection Kit for Windows Mobile, tap on the *Bluetooth* icon.

     Select Advanced Features, then My Bluetooth Device.

     Tap on the COM Ports tab.

     Make sure Bluetooth FAX is checked.

     Note the COM port number and tap ok.



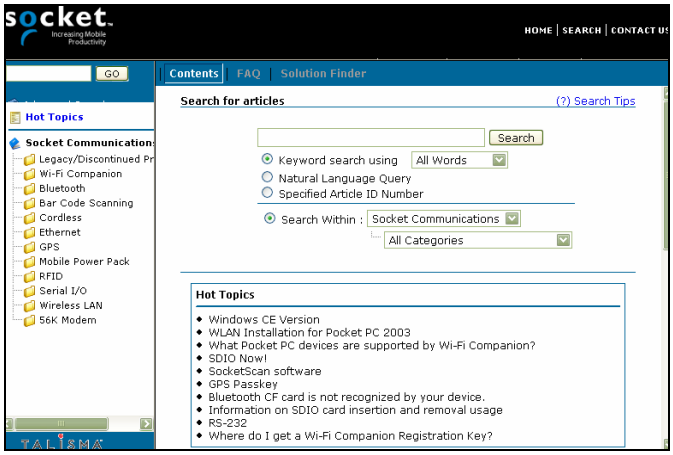

   - If using Socket's CF Connection Kit with BlueSoleil software on a Windows notebook, you do not need to install a virtual *Bluetooth* modem for faxing.
   - If using a notebook enabled with *Bluetooth* via a non-Socket product, make sure your system has a *Bluetooth* virtual modem for faxing installed. Refer to Chapter 4 for instructions on checking if a *Bluetooth* virtual modem is installed, but check to see if one is installed for faxing.
3. If using Socket's Connection Kit for Windows Mobile, assign the Cordless 56K Modem as your favorite fax. In the *Bluetooth* Devices folder, tap Tools | My Favorites. Tap on the FAX tab. Select the Cordless 56K Modem and tap ok.
4. Configure your fax software for the following settings:
   - **Modem/COM port**: Select the modem/COM port used for *Bluetooth* faxing.
   - **Baud rate**: 57600 bps

# Appendix F
# **Technical Support**

If you have trouble installing or using the Cordless 56K Modem, Socket has two resources to help you:

## Socket Online Support

Socket Online Support is an interactive technical support program that provides immediate service and is the best place to start for technical support. To access SOS, visit: www.socketcom.com/support. Click on the SOS icon.




## Live Technical Support

***IMPORTANT! To obtain technical support, you must first register your product online at www.socketcom.com/prodreg.***

After product registration, log in and click on the Technical Support tab. Click New Trouble Ticket to submit an email request for technical support. Afterwards, you can log in any time to track the status of your request. If we are unable to resolve your support inquiry online, we can arrange for a representative to call you at a specific time.

Please refrain from disassembling the modem. Disassembly of this device will void the product warranty

# Limited Warranty

Socket Communications Incorporated (Socket) warrants this product against defects in material and workmanship, under normal use and service, for the following periods from the date of purchase: Three years

Incompatibility is not a defect covered by Socket's warranty. During the warranty period, Socket will, at its option, repair or replace the defective product at no charge when furnished with proof of retail purchase, provided that you deliver the product to Socket or to an authorized Socket Service Center.

The returned product must be accompanied by a return material authorization (RMA) number issued by Socket or by Socket's Authorized Service Center. If you ship the product, you must use the original container or equivalent and you must pay the shipping charges to Socket. Socket will pay shipping charges back to any location in the contiguous United States. This warranty applies only to the original retail purchaser and is not transferable.

Socket may, at its option, replace or repair the product with new or reconditioned parts and the returned product becomes Socket's property. Socket warrants the repaired or replaced products to be free from defects in material or workmanship for ninety (90) days after the return shipping date, or for the duration of the original warranty period, whichever is greater.

This warranty does not cover the replacement of products damaged by abuse, accident, misuse or misapplication, nor as a result of service or modification other than by Socket.

SOCKET IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING DAMAGE TO PROPERTY AND, TO THE EXTENT PERMITTED BY LAW, DAMAGES FOR PERSONAL INJURY. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not allow limitation of implied warranties, or the exclusion or limitation of incidental or consequential damages, so that the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This product may contain fully tested, recycled parts, warranted as if new.

For warranty information, phone (510) 744-2700.

# Limited Software Warranty

LIMITED WARRANTY. SOCKET warrants that the original disk or CD ROM is free from defects for 90 days from the date of delivery of the SOFTWARE.

CUSTOMER REMEDIES. SOCKET'S entire liability and your exclusive remedy shall be, at SOCKET'S option, either (a) return of the price paid or (b) replacement of the SOFTWARE which does not meet SOCKET'S Limited Warranty and which is returned to SOCKET with a copy of your receipt. Any replacement SOFTWARE will be warranted for the remainder of the original warranty period or 30 days, whichever is longer. THESE REMEDIES ARE NOT AVAILABLE OUTSIDE OF THE UNITED STATES OF AMERICA.

NO OTHER WARRANTIES. SOCKET disclaims all other warranties, either express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose, with respect to the SOFTWARE and the accompanying written materials. This limited warranty gives you specific legal rights. You may have others which vary from state to state.

NO LIABILITY FOR CONSEQUENTIAL DAMAGES. In no event shall SOCKET or its suppliers be liable for any damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or other pecuniary loss) arising out of the use of or inability to use the SOFTWARE, even if SOCKET has been advised of the possibility of such damages. Because some states do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you.

EXPORT LAW ASSURANCES. You may not use or otherwise export or reexport the SOFTWARE except as authorized by United States law and laws of the jurisdiction in which the SOFTWARE was obtained. In particular, but without limitation, none of the SOFTWARE may be used or otherwise exported or reexported (a) into (or to a national or resident of) a United States embargoed country or (b) to anyone on the U.S. Treasury Department's list of Specially Designated Nationals or the U.S. Department of Commerce's Table of Denial Orders. By using the SOFTWARE, you represent and warrant that you are not located in, under control of, or a national or resident of any such country or on any such list.

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# Regulatory Compliance

## Telecom Regulatory Compliance

1. This equipment complies with Part 68 of the FCC Rules. On the inside of the Socket Cordless 56K Modem (behind the battery) is a label that contains, among other information, the FCC registration number. If requested, provide this information to your telephone company.

2. This product meets applicable Industry Canada technical specifications.

3. The registration jack USOC for the Socket Cordless 56K Modem is SCIMM06BBM56SV92

4. The REN is useful to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs of all devices should not exceed five (5). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

5. An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network, which is Part 68 compliant. See installation instructions for details.

6. If the Socket Cordless 56K Modem with *Bluetooth* Wireless Technology causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC if you believe it is necessary.

7. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.

8. If you experience trouble with the Socket Cordless 56K Modem with *Bluetooth* Wireless Technology, please contact Socket's technical support department for repair/warranty information. Register your product online at www.socketcomc.com/prodreg and email a support request. If your equipment is causing harm to the telephone network,

the telephone company may request that you disconnect the equipment until the problem is resolved.

9. For any other repairs to the device, also contact Socket's technical support department by the method mentioned above.

10. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

11. **If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable alarm equipment, consult your telephone company or a qualified installer.**

### *Bluetooth* Regulatory Compliance

The Socket Cordless 56K Modem with *Bluetooth* Wireless Technology is designed to be compliant with the rules and regulations in locations where they are sold and will be labeled as required. This product is type approved — users are not required to obtain license or authorization before using.

This product has been certified as conforming to technological standards. Therefore, the following actions are punishable by law:

- Disassembly or modification of this product
- Removal of identification labels on the back of the product

The frequency used by this product is also used by industrial, scientific and medical devices, such as microwave ovens, as well as wireless detectors for motion detectors, such as those requiring licenses used on manufacturing lines or similar radio transmitters (all of these wireless devices will be called "other wireless transmitters" below). Most modern electronic equipment (e.g., in hospitals and cars), is shielded from RF energy. However, certain electronic equipment is not.

1. Please ensure that all medical devices used in proximity to this device meet appropriate susceptibility specifications for this type of RF energy.
2. In the unlikely event that there is electronic interference between this system and other wireless transmitters, quickly change the location of operation or stop operating the unit (cease signal transmission).
3. If other electrical interference or related problems occur, contact Socket technical support at www.socketcom.com/prodreg

**Radio Frequency Interference Requirements**

This device complies with part 15 of the FCC rules and Industry Canada. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment is also ETS EN300 328-2, ETS EN301 489-1 and ETS EN301 489-17 compliant. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his or her own expense.

This equipment generates and radiates radio-frequency energy. To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied: (1) Users are not permitted to make changes or modify the system in any way, and (2) connecting external antennas to the card is prohibited. This device and its antenna must not be co-located or operated with any other antenna or transmitter.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

To comply with Industry Canada RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied: “The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, available at Health Canada’s website http://www.hc-sc.gc.ca/ehp/ehd/catalogue/rpb.htm”

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user may try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna of the radio or television.
- Increase the distance separating the equipment and the receiver.
- Connect the equipment to an outlet on a different branch circuit than that of the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

The user may find the following booklet helpful: *How to Identify and Resolve Radio-TV Interference Problems.* This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402.

### Canada Certification

The marking of "IC:252929A-BM56S" on the device means: "252929A-BM56S" is the certification number, and the term "IC' before the equipment certification number only signifies that Industry Canada technical specifications were met.

### Radio Frequency Interference Requirements – Canada

This Class B digital apparatus meets the requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la Classe B respecte toutes les exigencies du Reglement sur le Matériel Brouilleur du Canada.

*NOTE: To comply with FCC and Industry Canada exposure requirements, this device is approved for operations in a user's hand when there is a distance of 20 cm or more between the device antenna and the user's body.*

### CE Marking & European Union Compliance

Products intended for sale within the European Union are marked with a CE Mark which indicates compliance to applicable Directives and European Normes (EN), as follows. Amendments to these Directives or ENs are included: Normes (EN), as follows:

### Applicable Directives:

- Radio and Telecommunications Terminal Equipment Directive 1999/5/EC
- Low Voltage Directive 73/23/EEC

### Applicable Standards:

- EN 55 022 – Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment.
- EN 50 082-1 – Electromagnetic Compatibility – General Immunity Standard, Part 1: Residential, Commercial, Light Industry.
- IEC 801.2 – Electromagnetic Compatibility for Industrial Process Measurement and Control Equipment, Part 2: Electrostatic Discharge Requirements.
- IEC 801.3 – Electromagnetic Compatibility for Industrial Process Measurement and Control Equipment, Part 3: Radiated Electromagnetic Field Requirements.
- IEC 801.4 - Electromagnetic Compatibility for Industrial Process Measurement and Control Equipment, Part 4: Electrical Fast Transients Requirements

- EN 60 950 + Amd 1 + Amd 2 – Safety of Information Technology Equipment Including Business Equipment.

### Battery Warning:

- Your device contains a rechargeable lithium ion battery. Never throw the battery into a fire, as that could cause the battery to explode.
- Never short-circuit the battery by bringing the terminals in contact with another metal object. This could cause personal injury or a fire, and could also damage the battery.
- Never dispose of used battery with other ordinary solid wastes. Batteries contain toxic substances.
- Dispose of used battery in accordance with the prevailing community regulations that apply to the disposal of batteries. Cover the metal terminals with insulating tape. (This is to prevent accidental short-circuiting).
- Never expose the battery pack to any liquid.
- Always keep the battery out of reach of infants or small children.
- Never shock the battery by dropping it or throwing it.
- Dispose of a spent or damaged battery promptly.

### Product Disposal:

Your device should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

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