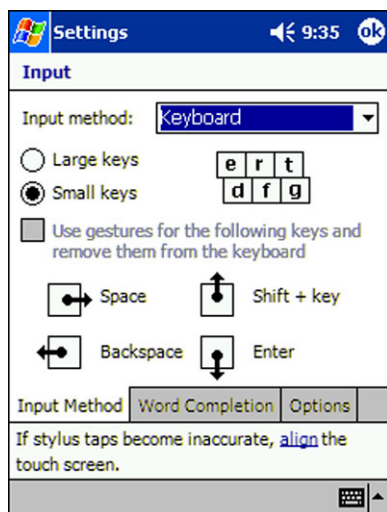


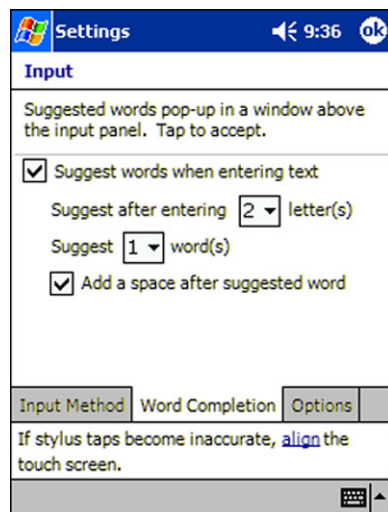
Input Panel Options

The following graphics are the tab windows where you can customize the input panel to your preferences.

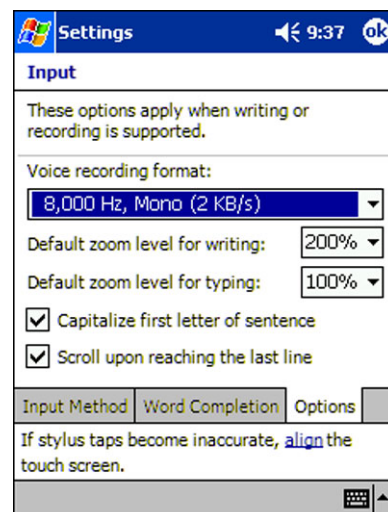
Input Method tab



Word Completion tab



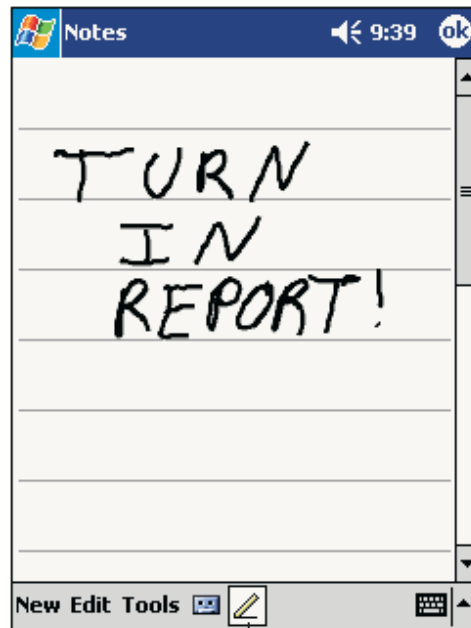
Options tab



Writing on the Screen

In any program that accepts writing, such as the Notes program, and in the **Notes** tab in Calendar, Contacts, and Tasks, you can use your stylus to write directly on the screen as you would on paper. You can edit and format what you've written and convert the information to text at a later time.

To write on the screen, tap the **Pen** button to switch to writing mode. This action displays lines on the screen to help you write.



Tap the Pen button and use your stylus like a pen.

Note: Some programs that accept writing may not have the Pen button. See the documentation for that program to find out how to switch to writing mode.

To select writing

If you want to edit or format writing, you must select it first.

- 1 Tap and hold the stylus next to the text you want to select until the insertion point appears.
- 2 Without lifting, drag the stylus across the text you want to select.

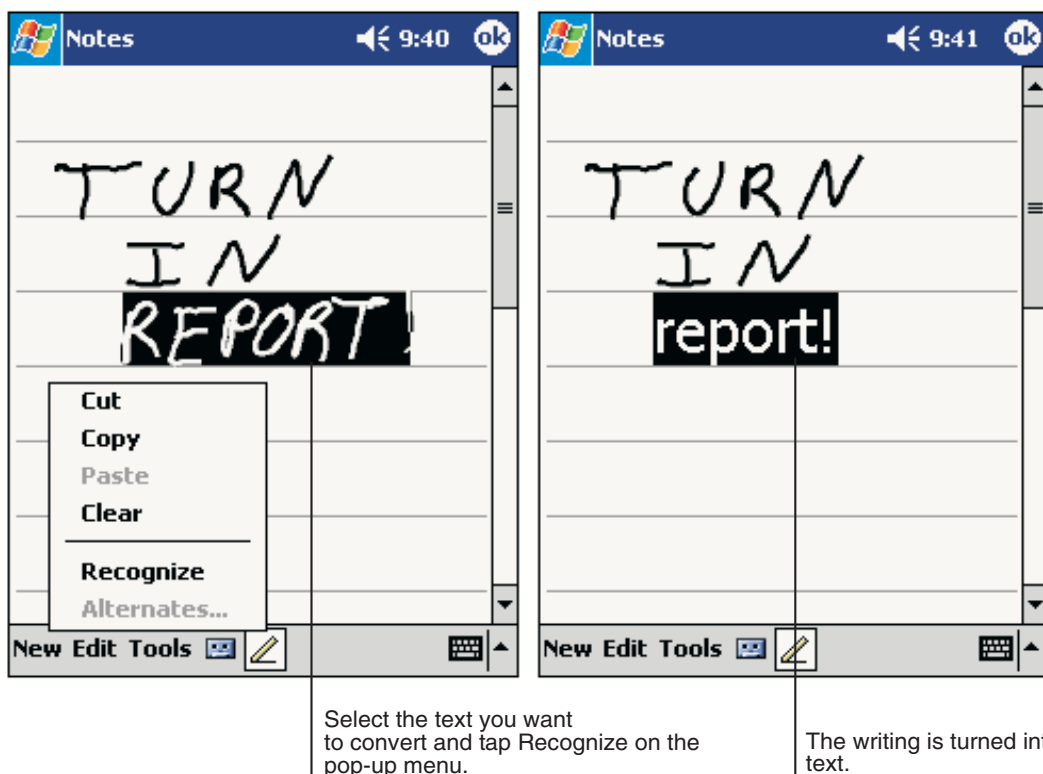
If you accidentally write on the screen, tap **Tools**, then **Undo** and try again. You can also select text by tapping the **Pen** button to deselect it and then dragging the stylus across the screen.

You can cut, copy, and paste written text in the same way you work with typed text: tap and hold the selected words and then tap an editing command on the pop-up menu, or tap the command on the **Edit** menu.

Convert Writing to Text

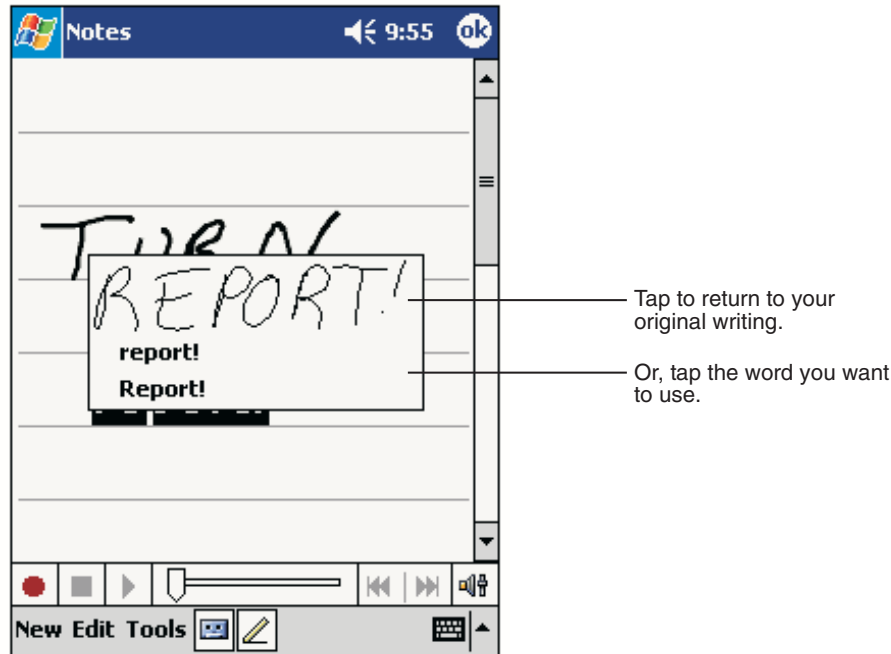
To convert writing to text, tap **Tools** and then **Recognize**.

If you want to convert only certain words, select them before tapping **Recognize** on the **Tools** menu (or tap and hold the selected words and then tap **Recognize** on the pop-up menu). If a word is not recognized, it is left as writing.



Alternate words

If the conversion is incorrect, you can select different words from a list of alternates or return to the original writing. To do so, tap and hold the incorrect word (tap one word at a time). On the pop-up menu, tap **Alternates**. A menu with a list of alternate words appears. Tap the word you want to use, or tap the writing at the top of the menu to return to the original writing.



Tips for Getting Good Recognition

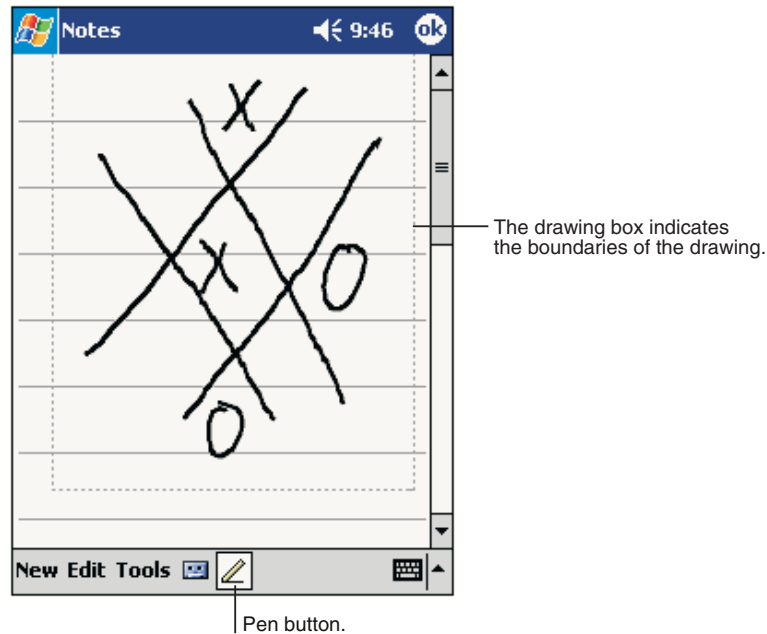
- Write neatly.
- Write on the lines and draw descenders below the line. Write the cross of the “t” and apostrophes below the top line so that they are not confused with the word above. Write periods and commas above the line.
- For better recognition, try increasing the zoom level to 300% using the **Tools** menu.
- Write the letters of a word closely and leave big gaps between words so that the device can easily tell where words begin and end.
- Hyphenated words, foreign words that use special characters such as accents, and some punctuation cannot be converted.
- If you add writing to a word to change it (such as changing a “3” to an “8”) after you attempt to recognize the word, the writing you add will not be included if you attempt to recognize the writing again.

Drawing on the Screen

Drawing on the screen is similar to writing on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited.

To create a drawing, cross three ruled lines on your first stroke. A drawing box appears. Subsequent strokes in or touching the drawing box become part of the drawing. Drawings that do not cross three ruled lines will be treated as writing.

For example, selected drawings can be resized, while writing cannot.



Note: You may want to change the zoom level so that you can more easily work on or view your drawing. Tap **Tools** and then a zoom level.

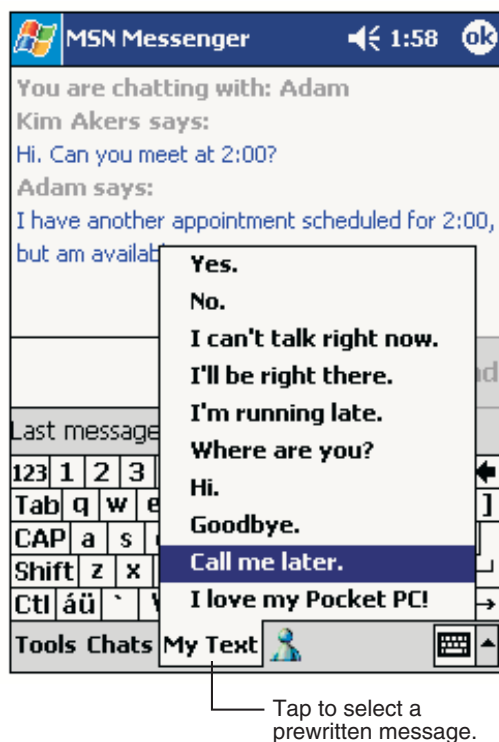
Selecting a Drawing

To edit or format a drawing, tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, deselect the Pen button and then drag to select the drawings you want.

You can cut, copy, and paste selected drawings by tapping and holding the selected drawing and then tapping an editing command on the pop-up menu, or by tapping the command on the **Edit** menu. To resize a drawing, make sure the Pen button is not selected, and drag a selection handle.

Using My Text

When using Inbox or MSN Messenger, use My Text to quickly insert preset or frequently used messages into the text entry area. To insert a message, tap **My Text** and tap a message.



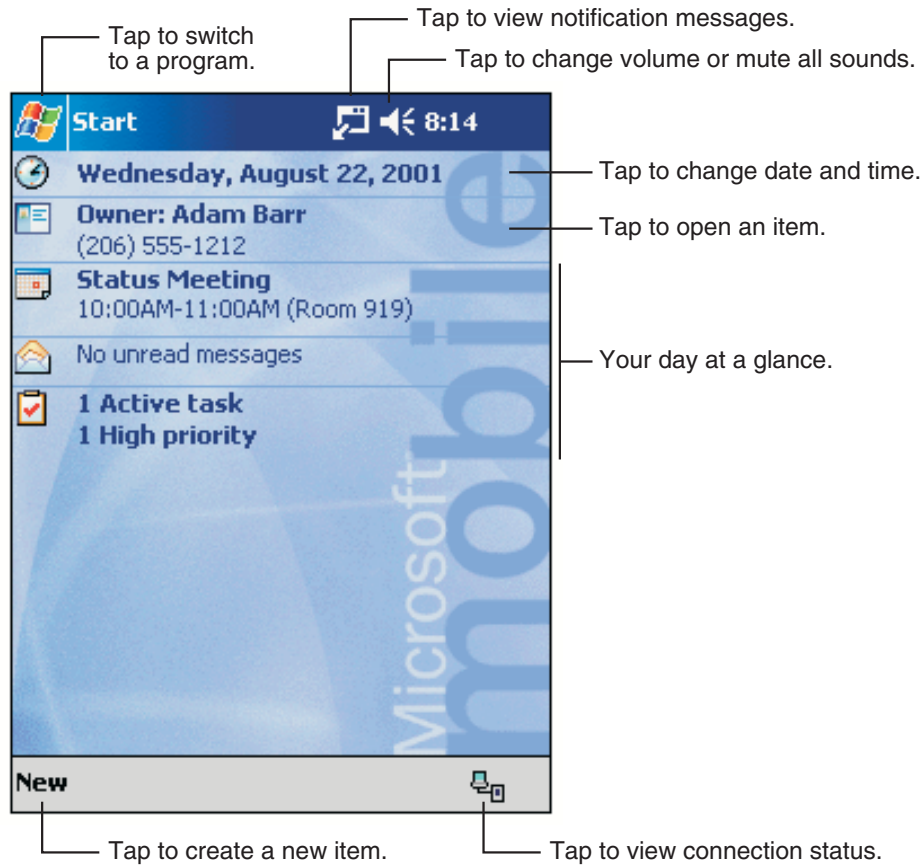
Using My Text

Note: You can add text after inserting a My Text message before sending it.

To edit a My Text message, in the **Tools** menu, tap **Edit** and then tap **My Text Messages**. Select the message you wish to edit and make desired changes.

Today Screen

When you turn on your device for the first time each day (or after 4 hours of inactivity), you'll see the Today screen. You can also display it by tapping **Start** and then **Today**. On the Today screen, you can see at a glance important information for the day.



Today Screen

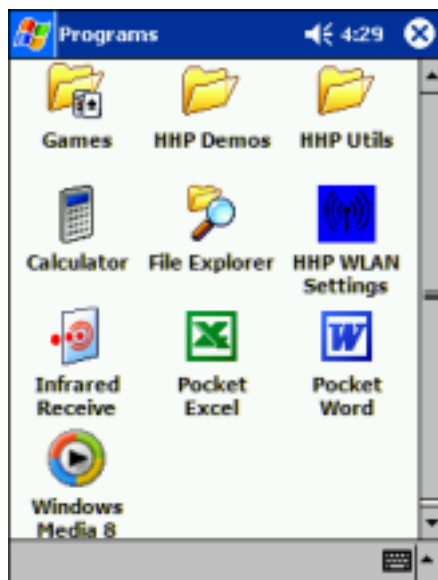
Status Icons

Status Icon	Meaning
	Turns all sounds on and off
	Backup battery is low
	Main batteries are charging
	Main batteries are low
	Main batteries are very low
	Main batteries are full
	Connection is active
	Synchronization is beginning or ending
	Synchronization is occurring
	Notification that one or more instant messages were received
	Notification that one or more e-mail messages were received

Note: If more notification icons need to be displayed than there is room to display them, the Notification icon, , will display. Tap the icon to view all notification icons.

Selecting Programs

To select a program, tap **Start > Programs**, then the program name.

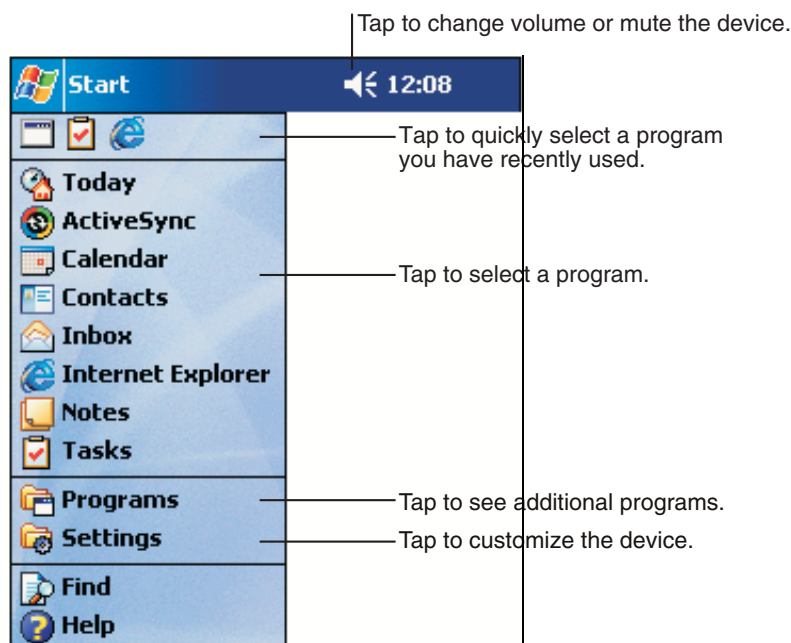


Note: Some programs have abbreviated labels for check boxes and drop-down menus. To see the full spelling of an abbreviated label, tap and hold the stylus on the label. Drag the stylus off the label so that the command is not carried out.

Navigation Bar and Command Bar

The navigation bar is located at the top of the screen. It displays the active program and current time, and allows you to switch to programs and close screens.

Use the command bar at the bottom of the screen to perform tasks in programs. The command bar includes menu names, buttons, and the Input Panel button. To create a new item in the current program, tap **New**. To see the name of a button, tap and hold the stylus on the button. Drag the stylus off the button so that the command is not carried out.



Screen Navigation

Pop-up Menus

With pop-up menus, you can quickly choose an action for an item. For example, you can use the pop-up menu in the contact list to quickly delete a contact, make a copy of a contact, or send an e-mail message to a contact. The actions in the pop-up menus vary from program to program. To access a pop-up menu, tap and hold the stylus on the item name that you want to perform the action on. When the menu appears, lift the stylus, and tap the action you want to perform. Or tap anywhere outside the menu to close the menu without performing an action.

Notifications

Your device reminds you in a variety of ways when you have something to do. For example, if you've set up an appointment in Calendar, a task with a due date in Tasks, or an alarm in Clock, you'll be notified in any of the following ways:

- A message box appears on the screen.
- A sound, which you can specify, is played.
- A light flashes on your device.

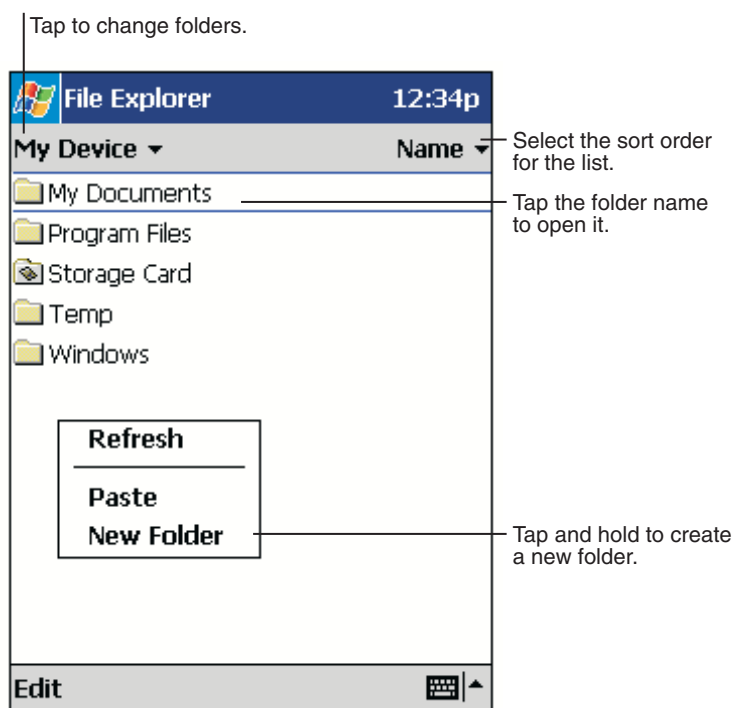
To choose reminder types and sounds for your device, tap **Start>Settings>Personal tab>Sounds & Notifications**. The options you choose here apply throughout the device.

Finding and Organizing Information

The Find feature on your Dolphin mobile computer helps you quickly locate information. On the **Start** menu, tap **Find**. Enter the text you want to find, select a data type, and then tap **Go** to start the search.

To quickly find information that is taking up storage space on your device, select **Larger than 64 KB** in **Type**.

You can also use the File Explorer to find files on your device and to organize these files into folders. On the **Start** menu, tap **Programs**, and then **File Explorer**.



You can move files in File Explorer by tapping and holding the item you want to move, and then tapping **Cut** or **Copy** and **Paste** on the pop-up menu.

Wireless Communications with Dolphin 9500/9550

Wireless Local Area Network (WLAN) Communications

Dolphin 9500/9550 terminals are available with an on-board 2.4 GHz 802.11b WLAN radio that uses Direct Sequence Spread Spectrum (DSSS) technology to spread the signal continuously over a wide frequency band. It provides a data rate of up to 11 MB per second. In addition, the open software architecture make the Dolphin 9500/9550 a complete solution for a variety of wireless mobile data collection applications.

Dolphin 9500/9550 is interoperable with other 802.11b WiFi®-compliant products including access points, printers, PCs via PC-card adapters and other wireless portable terminals.

Choosing a Radio - the Radio Manager

Purpose

The Radio Manager is a control panel applet in the system through which the radio power driver controls the radio state. It enables you to choose which radios in the terminal are powered up. When powered up, the radio is transmitting, when powered down, the radio is not transmitting.

Single radio configuration

If your terminal contains a single radio and its associated driver is installed, the radio operates by itself without any special configuration made to the device. You can use the Radio Manager to power it down.

Potential radios

There is a potential for three radios to be installed in the device:

- Bluetooth,
- 802.11b, and
- GSM/GPRS.

Multiple radio configuration

If multiple radios are installed in your terminal, simultaneous operation must be configured on the device before the radio power driver allows it. Configuration of simultaneous radio operation is done during the manufacturing process according to FCC regulations.

Multiple radio operation

GSM and 802.11b are mutually exclusive. While they may both be present, they cannot be allowed to operate simultaneously. The Bluetooth radio is allowed to operate by itself or simultaneously with either of the GSM or 802.11b radios.

Accessing the Radio Manager

Go the **Start > Settings > System** tab > **Radio Manager**. The Radio Manager appears identifying which radio modes are allowed in the Radio Modes box. The highlighted entry is the radio mode that is currently enabled; its Status should be Ready.



The Radio Modes box

The Radio Modes box displays the radios currently installed on your terminal. For example, if a working Bluetooth module is installed, the box contains the line Bluetooth Only whether or not that radio is currently powered up. (There may be other Bluetooth related list box entries, but the Bluetooth Only entry is guaranteed to be there if the module is present.)

Powering up a radio

Simply select an entry in the Radio Modes box and click **Apply**. The Radio Manager issues the radio power driver commands of enabling and disabling the radios in the proper sequence.

For example, let's say the current mode is Bluetooth Only and the attempt is made to switch to 802.11b Only. After **Apply** is clicked, the Radio Manager turns off the Bluetooth radio first, then turns on the 802.11b radio.

If an error occurs at either step, the radio mode change is abandoned, and the resulting radio state returns to what it was at the time the error occurred.

Requirements

To successfully power up a radio, its associated driver CAB must have been installed along with the module. If the module is present, the radio appears in the Radio Modes box; however if the associated CAB for that module is not installed, you cannot successfully enable the radio.

For instance, if the Bluetooth module is present but its CAB has not been installed, Bluetooth Only selection still appears in the Radio Mode box. However, attempting to power it up will result in an error in the Status field.

The Status field

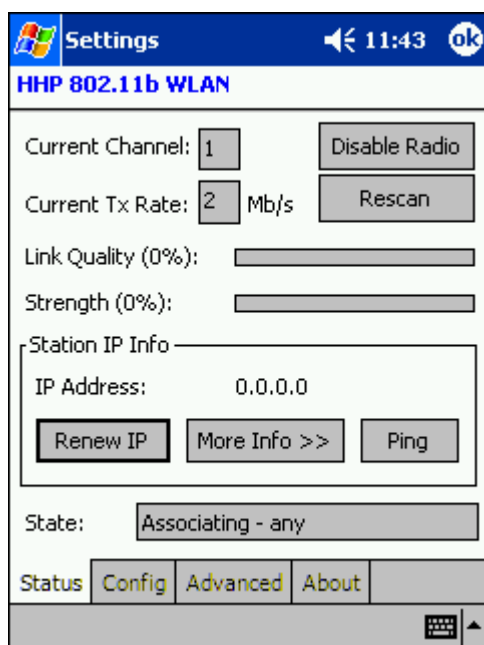
The Status field displays error messages when a radio cannot be enabled. When it reads "Ready" the radio selected in the Radio Modes box is powered up.

Configuring WLAN Communications

To open the configuration utility for the 802.11b radio, click **Start > Settings > System tab> HHP WLAN Settings**.
The Settings window opens to the Status tab, which displays the current WLAN settings for 802.11b.



Status tab



Fields

Current Channel	Shows the RF channel currently used by the card.
Current TX Rate	Shows the current transmit rate. This can be 1Mb/s, 2Mb/s, 5.5Mb/s, or 11 Mb/s.
Link Quality	Gives signal to noise ratio in both percentage and graphical display.
Strength	Gives signal strength of the receiver in both percentage and graphical display.
Station IP Info	IP Address - IP address of the radio. Check with your network administrator for IP configuration information.
BSS ID/IBSS ID	Shows the Network Name and the MAC address of the access point the card is associated with in the AP mode. Or it shows the Network Name and the MAC address of the creator of IBSS which the card is joined into in the Peer-to-Peer (Ad-Hoc) mode.

Operation buttons

Disable/Enable Radio	Click this button in toggle to disable/enable the radio link from the card.
Rescan	Click this button to start a rescan process to search for an AP with stronger signal in the network.
Renew IP	Click this button to reapply IP address from DHCP server when automatic DHCP is enabled.

More Info

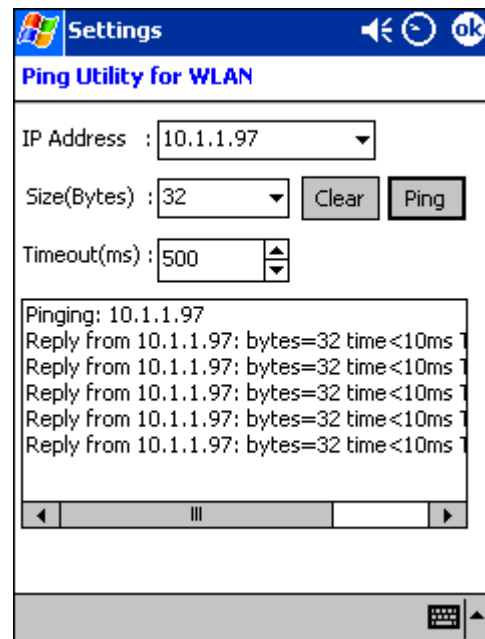
Click this button to display detailed TCP/IP info; as shown in the following screen:



Click **OK** to close this window.

Ping

Click this button to open the Ping utility for WLAN.

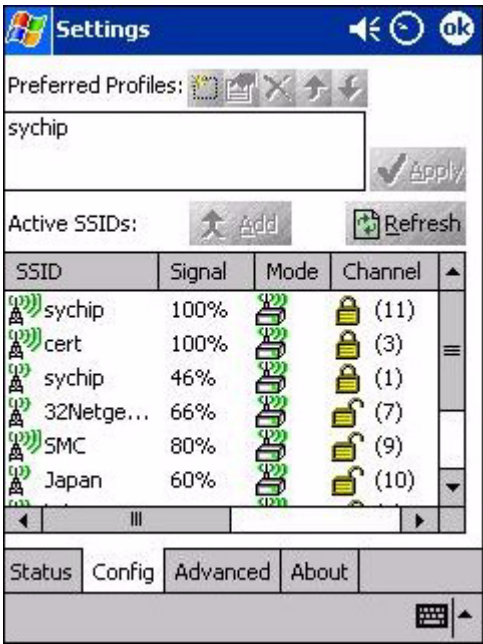
**Ping Utility for WLAN window field descriptions**

IP Address	Displays the current IP address. You can enter another IP address to ping.
Size (Bytes)	Displays the current bytes size; 32 is the default. You can select up to 8192 from the drop-down list.
Timeout (ms)	Displays the current timeout; 500 is the default. Increase or decrease it by tapping the spin buttons.
Clear	Click this button to clear IP Address input and the ping statistics field.

Ping Click this button to ping the IP address entered in the input field.
Ping Statistics field: Shows the pinging IP address and the pinging results.

Config Tab

The Config tab provides a list of all access points and peer stations in range. Its configuration tool enables you to create and edit SSID profiles for access points that you want your station to associate with.



Fields

Preferred Profiles A list of preferred profiles for access points (AP) in the network created by the user, or added from the Active SSIDs table is located at the top of the Config window. When the radio is turned on, it searches for the APs with which to associate in the order of the listed profiles. For each profile in the table, one can make changes by using the icon tools at top of the table: **New**, **Edit**, **Delete**, **Up**, and **Down** ([Operation buttons](#) on page 5-4). This table is blank after the initial HHP software installation. It can be kept blank with no automatic association preference.

Active SSIDs The Active SSIDs table lists all access points or peer stations (creator of IBSS) in the vicinity of the host. It displays only those SSIDs that accept broadcast associations.
Each record displays information for the following six fields (The table may not display all the fields on the screen. Use horizontal scroll bar to check all):

SSID - Network Name of the access point or peer station. A link icon with signal strength is also shown.

Signal Strength in percentage for that SSID.

Mode - An icon shows whether it is an access point , or a peer station .

Channel - The channel it uses and the WEP method it applies if any. The icon stands for WEP Key-On, and for WEP Key-Off.

SupRate - Supported data rate of the access point or the peer station.

BSSID (MAC Addr) - BSSID or MAC Address of the access point or the peer station.

Operation buttons

Apply

Click the Apply button to associate your station with the SSID you selected.

This SSID can be either from the Preferred Profile table or from the Active SSIDs list. When applied, the Status tab window displays the status of the wireless connection. If the association failed, a search for another AP in the Preferred Profile list automatically takes place and the radio attempts to associate with the station, in order of preference.

Refresh

Click the Refresh button to start a new search for all available access points or peer stations in the vicinity.

To add an Active SSID profile to the Preferred Profile table, complete these steps:

- 1 Select and highlight an SSID from the Active SSID list.
- 2 Click **Add**.
If the SSID has WEP Key-On, the Settings window displays and prompts you to enter the WEP Method, Encryption Key, and Key ID.
- 3 Click **OK** in the Settings window after finishing the configuration. The SSID and its profile are added into the Preferred Profiles window.
If adding an SSID with WEP Key Off, the Settings window does not display and the SSID is added directly to the Preferred Profile table when you click the Add button.

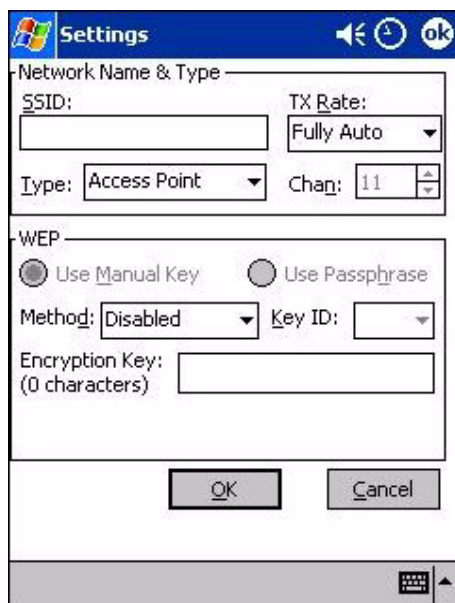
Creating and modifying profiles

Use the following five icons at the top of the window:

Icon	Name	Click this icon to...
	New	create a profile.
	Edit	modify a profile.
	Delete	delete a selected profile.
	Up	move the highlighted profile up to increase the automatic association priority.
	Down	move the highlighted profile down to decrease the automatic association priority.

To create and add a new profile to the Preferred Profiles list, complete these steps:

- 1 Click the **New** button and the following screen displays:



The screenshot shows a Windows-style dialog box titled "Settings". It has a blue title bar with standard window controls (minimize, maximize, close) and an "OK" button. The dialog is divided into two main sections. The first section, "Network Name & Type", contains fields for "SSID" (a text box), "TX Rate" (a dropdown menu set to "Fully Auto"), "Type" (a dropdown menu set to "Access Point"), and "Chan" (a spinner box set to "11"). The second section, "WEP", contains two radio buttons: "Use Manual Key" (which is selected) and "Use Passphrase". Below these are fields for "Method" (a dropdown menu set to "Disabled"), "Key ID" (a dropdown menu), and "Encryption Key" (a text box with "(0 characters)" below it). At the bottom of the dialog are "OK" and "Cancel" buttons. A small icon of a network card is visible in the bottom right corner of the dialog box.

- 2 Enter the values for the new profile in the information fields and click **OK**.

To modify a profile, select one and click the **Edit** button. The following screen displays:

The screenshot shows a 'Settings' dialog box with a blue title bar and standard Windows XP window controls. It is divided into two main sections. The top section, 'Network Name & Type', contains fields for 'SSID' (empty), 'TX Rate' (set to 'Fully Auto'), 'Type' (set to 'Access Point'), and 'Chan' (set to '11'). The bottom section, 'WEP', has two radio buttons: 'Use Manual Key' (selected) and 'Use Passphrase' (unselected). Below these are a 'Method' dropdown (set to 'Disabled'), a 'Key ID' dropdown (empty), and an 'Encryption Key' field (empty) with '(0 characters)' below it. At the bottom of the dialog are 'OK' and 'Cancel' buttons. A small keyboard icon is visible in the bottom right corner of the dialog area.

Note: The SSID, Type, TX Rate, and Channel fields are unchangeable in AP mode, whereas TX Rate and Channel fields can be changed in Peer-to-Peer mode.

Network Name & Type

SSID	To enter an SSID, which is the Network Name. Check with your network administrator for Network Name (SSID).
Type	Choose from Peer-to-Peer or Access Point in the pull down menu. Access Point mode is also called "Infrastructure" mode. Peer-to-Peer mode is used for communication between two (or more) radio stations (cards) without an access point.
TX Rate	Choose 1Mb, 2 Mb, Auto 1/2 Mb, 5.5 Mb, 11 Mb, or Fully Auto from the menu. The transmit rate is Fully Automatic by default.
Chan	Channel. Scroll to select a channel for communication.
WEP	Used to configure the WEP Key for secure wireless communication. Within this block, you configure the WEP Method, Encryption Key, and Key ID.
Use Manual Key	Manually input the encryption code for the WEP Key. This is the default setting.
Use Passphrase	Generates an encryption code based on the phrase entered in the window. Not available in this release.
Method	Select one of the five options from the list: • Disabled WEP Key Off • 64 bit (HEX) up to 10 characters configurable in Hexadecimal for Encryption Key • 64 bit (ASCII) up to 5 characters configurable in ASCII for Encryption Key • 128 bit (HEX) up to 26 characters configurable in Hexadecimal for Encryption Key • 128 bit (ASCII) up to 13 characters configurable in ASCII for Encryption Key

Note: HEX, Hexadecimal number set of 16 digits from 0-9 and from A(a)-F(f). ASCII: Any printable ASCII characters.

Encryption Key	Different character set depending on different WEP method and key format.
Key ID	Choose from the available options: • Key 1(Default) • Key 2

- Key 3
- Key 4

Check with your network administrator for security WEP Key and Key ID you need to use.

Cancel

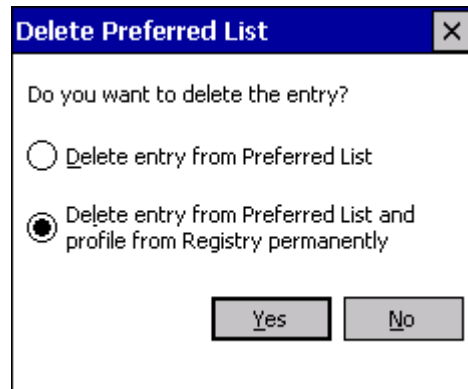
Click this button to close the window without saving or modifying the profile.

OK

Click this button to make the change.

Deleting a Profile

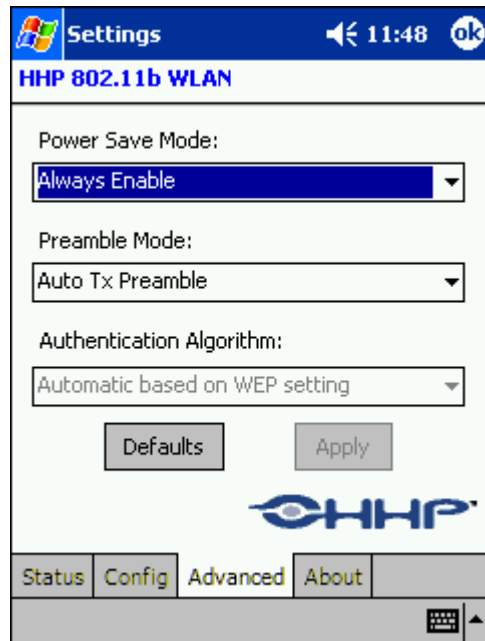
Profiles may be deleted either from the Preferred List or from the Preferred List and Registry. To delete a profile, select (highlight) a profile and click the **Delete** button and the following screen displays:



From the pop-up window select the option of your choice and click **Yes** to confirm or **No** to cancel.

Advanced Settings tab

On the Settings window, click the Advanced tab. The following screen displays:



Information Fields

Power Save Mode

- Disable - Choosing this option will disable the power save mode.
- Always Enable - Choosing this option will have the power save mode always enabled. This is the default setting.
- Auto Enable - When internal battery is being used it will be in Power Save mode; when external power supply is being used the Power Save mode will be disabled automatically.

Authentication Algorithm

Note: Only configurable when the WEP Key is enabled for the SSID profile.

- WECA Compliant (always use Open) - Not available in this release.
 - Must use Shared with WEP - AP must use WEP method.
 - Automatic based on WEP setting - Default setting.
 - Preamble Mode
 - Long TX Preamble - Where Sync field consists of 128 bits.
 - Short TX Preamble - Where Sync field consists of 56 bits.
 - Auto TX Preamble - Automatically change between long and short preamble mode transmission based on the AP configurations. This is the default Preamble Mode.
- A Preamble consists of a Synchronization (Sync) field and a 16-bit Start Frame Delimiter (SFD) field.

Operation Buttons

Defaults	Resets all the settings to default values (Always Enable for Power Save Mode, Automatic based on WEP setting for Authentication Algorithm, and Auto TX Preamble for Preamble Mode).
Undo	Cancels the change for setting.
Apply	Applies the change to new card setting.

About Tab

This window provides Version Number and time of build for Network Driver, Configuration Utility, and NIC Firmware. On the Settings window, click the About tab.



Status Icon

You can access the configuration utility by tapping and holding on the Status icon  at any time. The following menu displays:



The four menu entries at the bottom correspond to the four configuration settings tabs: the Status, Config, Advanced, and About respectively. This side menu provides a shortcut to the configuration settings.

Wireless Radio On Turns on the radio. LED is on and the Link Icon displays with signal strength.

Wireless Radio Off Turns off the radio. A pop-up window will ask for your confirmation. If confirmed, the LED will be off and the Link Icon will change color from green to red on the top without signal strength displayed. The WLAN card/module will stop functioning.

Remove Status Icon Removes the Status Icon from the Windows Status Tray. A pop-up window will ask for your confirmation. If confirmed, the Status (Link) Icon will be removed from the Windows Status Tray.

Wireless Network Status Opens the Status tab of the configuration utility

If the Status Icon changes to a crossed lock , it warns you that you may have entered a wrong key (WEP Key mismatch) for the WEP-On AP or a station.

Note: You can also go to Start > Programs > HHP WLAN Settings.

Remove Wireless Status Icon Window

If you choose to remove the Remove Status Icon, the screen shown below displays:



Press **Yes** to confirm, or **No** to cancel.

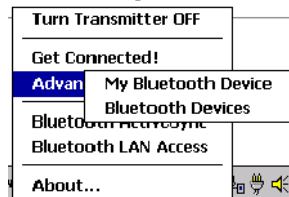
If confirmed, the Status Icon will not display in the Windows Status Tray. By checking "Remove Status Icon Permanently" at the bottom of the window you will not see the Status Icon even after your system has been restarted. Otherwise it will re-appear next time you turn on the system.

Wireless Personal Area Network Communications with Bluetooth

Setting up Your Bluetooth Card

Note: If you use the Get Connected! Wizard, which is recommended for normal usage, then this step is not necessary. This step would be used to change the friendly name of your mobile computer.

- 1 Tap the Bluetooth icon that appears in the task tray .
If you installed OBEX, the menu will also list Transfer via Bluetooth.
- 2 In the pop-up menu, select **Advanced Features**, then **My Bluetooth Device**.



- 3 In the **My Bluetooth Device** screen, you can modify the **Friendly Name** and make any desired configuration changes. When done, tap **OK**.

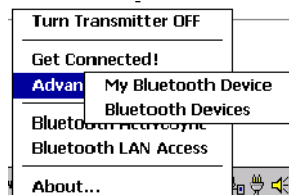


- In normal phone connect operation, **Discoverable** mode is not needed and should be disabled.
- If you do enable **Discoverable** mode (e.g., for ActiveSync), note that it does not shut off by itself. To save power, remember to disable it when not needed.
- **Connectable**, **Use Authentication**, and **Use Encryption** are also not required for printing or dial-up networking applications.
- Check Use **Authentication** to enable the **Use Encryption** option.

Assign COM Ports

Follow these steps to view and/or modify the Bluetooth COM ports.

- 1 Tap on the Bluetooth icon on the Today screen. Select **Advanced Features** then **My Bluetooth Device**.



Note: If you installed OBEX, the menu will also list Transfer via Bluetooth.

2 The **My Bluetooth Device** screen will appear. Tap on the **COM Ports** tab.



3 As needed, view and/or enable/disable the Bluetooth COM port assignments. Tap **OK**.



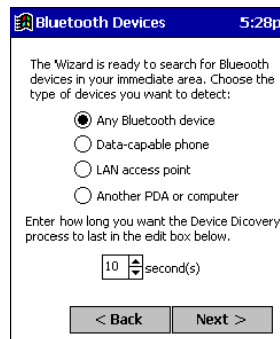
Note: The Bluetooth Phone port cannot be disabled. For more information about COM ports, see the [Com Port Assignment Table](#) on page A-12.

Discover Bluetooth Device(s)

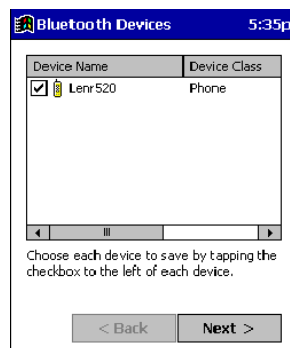
Follow these steps to discover other Bluetooth devices nearby, including non-phone devices. The Device Discovery Wizard is a more detailed alternative to using the Bluetooth “Get Connected!” Wizard or Bluetooth ActiveSync or Bluetooth LAN Access options. The Device Discovery Wizard allows you to discover any type of Bluetooth device.

- 1 If not open, launch the **Bluetooth Devices** folder. Tap on the Bluetooth icon on the **Today** screen. Select **Advanced Features** then **Bluetooth Devices**.
- 2 In the **Bluetooth Devices Folder**, tap on the **Device Discovery** icon. Or you can tap on **Tools**. In the pop-up menu, select **Device Discovery**.

-
- 3 Follow the Bluetooth Device Discovery Wizard to search for Bluetooth devices nearby. When prompted, select the device type you seek.



- 4 When the search is complete, a screen will report the discovered Bluetooth devices. Check the box next to any device you wish to save information about, (i.e., any devices you wish to connect to). Tap **Next>**.



- 5 A service discovery phase will begin, 5-10 seconds per chosen device.
- 6 In the next screen, tap Finish.

Bond with Discovered Device(s)

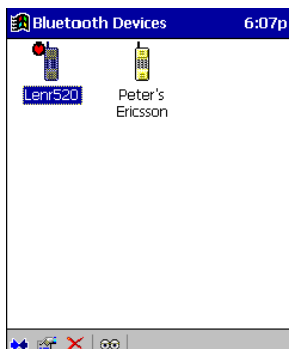
Follow these steps to bond with an already discovered Bluetooth device. In most cases, bonding is for establishing secure communications with a Bluetooth-enabled phone. This is a more detailed alternative to using the Bluetooth “Get Connected! Wizard.”

Important!

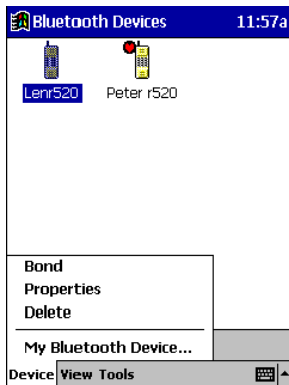
- *Do not try to bond with a Motorola Timeport 270C or Nokia 6310!*
- *Do not use this method to bond with a printer! The third-party printing software included on the installation CD also handles bonding.*

1 If not open, launch the **Bluetooth Devices** folder. Tap on the Bluetooth icon in the Today screen. Select **Advanced Features**, then **Bluetooth Devices**.

2 Tap and hold your stylus on the Bluetooth device you want to bond with. In the pop-up menu, select **Bond**.



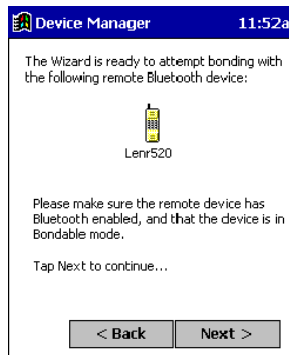
3 Alternatively, after selecting a device, tap on the **Bond** icon. Or tap on **Device**, then select **Bond**.



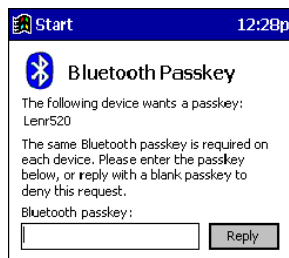
4 The **Bluetooth Device Bonding Wizard** will launch. Follow the wizard to bond with your selected device.



- 5 As prompted, make sure the Bluetooth device that you want to bond with is in *Bondable* mode.



- 6 If the remote device is set up to accept bonding, a **Bluetooth Passkey** screen will appear. To continue bonding, enter the correct passkey and tap **Reply**.



- 7 When you have successfully bonded with the other device, tap **Finish**.

View Device Properties

Follow these steps to view the properties of an already discovered device.

- 1 If not open, launch the **Bluetooth Devices** folder. Tap on the Bluetooth icon on the Today screen. Select **Advanced Features** then **Bluetooth Devices**.
- 2 Select a device. Tap on the **Properties** icon, or tap on **Device** then select **Properties**. Alternatively, you can tap and hold your stylus on the Bluetooth device you want to view information about. In the pop-up menu, select **Properties**.



- 3 Use the **General** and **Services** screens to research device properties. If needed, assign a new device type icon by tapping on the arrow buttons in the **General** screen. You can also use the **Device name** field to rename the device. When done, tap ok for the setting to take effect.



Set up Your Favorite Device

Follow these steps to set up default devices in the **Bluetooth Devices** folder.

Note: The Get Connected! Wizard automatically assigns the favorite phone.

Complete these steps:

- 1 Tap on **Tools** and select **My Favorites**.
- 2 Tap on the tab for the type of device you would like to set a favorite for. If needed, use the arrow buttons to scroll and find the tab you need.



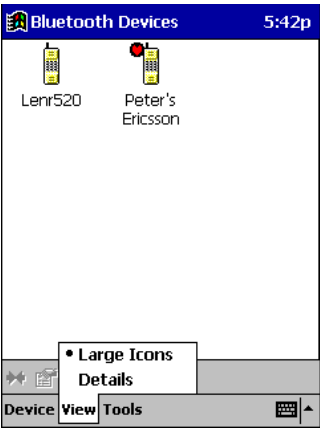
Note: Tabs will appear only for COM ports you have enabled. To enable a port, refer to the "Assign COM Ports" section earlier in this chapter.

- 3 To select a favorite device, select **Use the favorite selected above**. In the drop-down menu, select your device. Tap **OK**.
- 4 After setting a device as your favorite, its icon will appear in the Bluetooth Devices folder with a heart next to it.

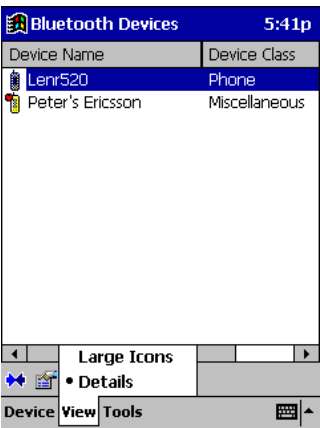
Change Views

You can switch between the **Large Icons** or **Details** views for the **Bluetooth Devices** folder.

-
- 1 In Bluetooth Devices, tap on View.
 - 2 In the pop-up menu, choose between **Large Icons** or **Details**.



Large Icons view



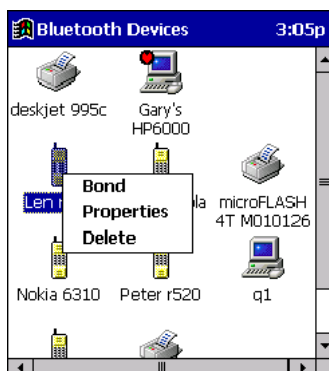
Details view

Note: In Details view, scroll right to see the current Bonded status.

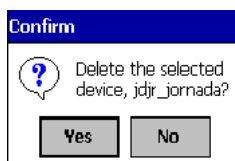
Delete a Device from the Folder

If you no longer plan to connect with it, you can delete a device from the **Bluetooth Devices** folder.

- 1 If not open, launch the **Bluetooth Devices** folder.
- 2 Tap and hold your stylus on the device you wish to delete. In the pop-up menu, select **Delete**.



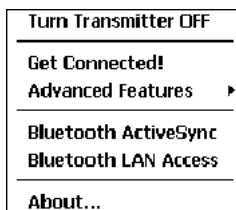
- 3 Alternatively, after selecting a device, tap on the **Delete** icon. Or tap on **Device** then select **Delete**.
- 4 A **Confirm** screen will appear. Tap **Yes**.



Turn Radio Transmitter ON/OFF

You may want to turn off the radio transmitter to save power or if you are entering an area with radio restrictions (e.g., an airplane).

- 1 The Bluetooth icon  should appear in the task tray on the **Today** screen. Tap on the icon.
- 2 In the pop-up menu, select **Turn Transmitter OFF**.

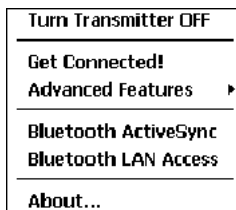


- 3 The Bluetooth Card radio transmitter will shut off. The Bluetooth icon in the task tray will become gray, as will relevant menu options (e.g., Get Connected!).
- 4 To turn the radio transmitter back on, tap on the gray Bluetooth icon. In the pop-up-menu, select Turn Transmitter ON.

Bluetooth ActiveSync

This section explains how to use the Bluetooth ActiveSync feature. It helps you quickly and easily ActiveSync to a notebook or desktop computer with ActiveSync v3.x installed.

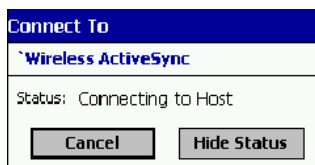
- 1 Tap on the Bluetooth icon . In the pop-up menu, select Bluetooth ActiveSync.



- 2 The next screens will vary depending on if your Bluetooth Devices folder contains any computers, and if one is chosen as your favorite. Please refer to the appropriate scenario:

SCENARIO #1: Your Bluetooth Devices folder contains a favorite desktop computer.

- (a) When you tap Bluetooth ActiveSync, your mobile computer will automatically try to connect to your favorite computer.
- (b) The Connect To screen will appear, reporting that it is trying to connect to Wireless ActiveSync.



- (c) After a successful connection is made, the status screen will report Connected. Now you are ready to synchronize files, if desired.

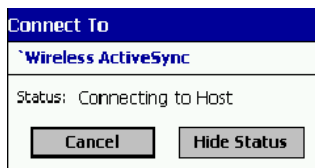
SCENARIO #2: Your Bluetooth Devices folder contains no favorite desktop computer.

- (a) When you tap on Bluetooth ActiveSync, a screen will appear that allows you to choose which computer to connect to in your Bluetooth Devices folder. Choose a computer from the list and tap Select, or tap Find to search for another computer.



Note: If the computer you want to connect to is not listed, tap Find to begin a search. Proceed as described in Scenario #3 on the next page.

- (b) Your mobile computer will attempt to connect to your selected computer.

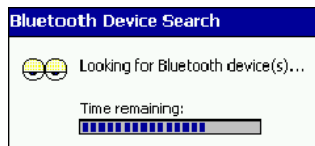


- (c) After a successful connection is made, the status screen will report Connected. Now you are ready to synchronize files, if desired.



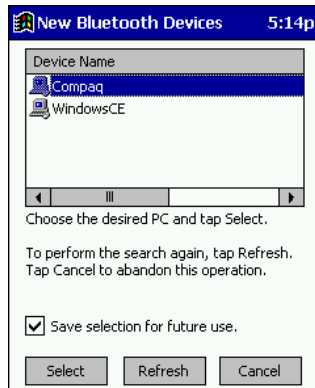
SCENARIO #3: Your Bluetooth Devices folder contains no computers.

- (a) When you tap on Bluetooth ActiveSync, a Bluetooth Device Search will automatically begin.

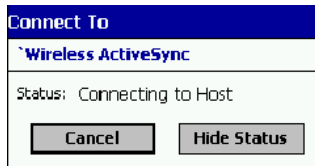


Note: You can also start the device search by tapping Find in the Bluetooth Devices screen. See Scenario #2 on page 5-21.

- (b) After the search is complete, select the computer you wish to ActiveSync with and tap Select. If the computer is not listed, make sure the computer id discoverable and tap Refresh to search again.



- (c) After you tap Select, a service discovery phase will begin.
- (d) The Connect To screen will appear, reporting that it is trying to connect to Wireless ActiveSync.



- (e) After a successful connection is made, the status screen will report Connected. Now you are ready to synchronize, if desired.

Bluetooth LAN Access

This section explains how to use the Bluetooth LAN Access feature to quickly and easily connect to a Bluetooth-enabled LAN access point.

- 1 Tap on the Bluetooth icon. In the pop-up menu, select Bluetooth LAN Access.



- 2 The next screens will vary depending on if your Bluetooth Devices folder contains any access points, and if one is chosen as your favorite. Please refer to the appropriate scenario:

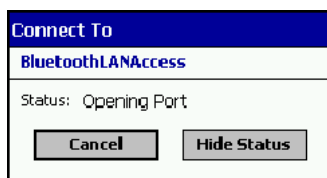
SCENARIO #1: Your Bluetooth Devices folder contains no favorite access point.

- (a) When you tap Bluetooth LAN Access, a screen will appear that allows you to choose which access point to connect to in your Bluetooth Devices folder. Choose an access point from the list and tap Select.



Note: If your access point is not listed, tap Find and proceed as described in Scenario #3.

- (b) Your mobile computer will try to connect to the selected access point.



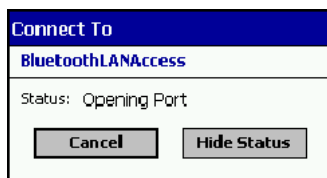
- (c) If your LAN requires a passkey, a screen will appear, asking for the passkey. Enter the passkey, then tap ok.
(d) After a successful connection is made, the status screen will report Connected.



- (e) Now you are ready to access your LAN for Internet access, files, etc.

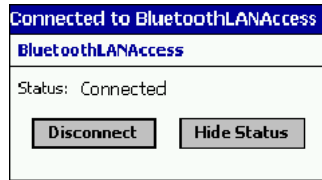
SCENARIO #2: Your Bluetooth Devices folder contains a favorite access point.

- (a) When you tap Bluetooth LAN Access, your mobile computer will automatically try to connect with your favorite access point.



- (b) If your LAN requires a passkey, a screen will appear, asking for the passkey. Enter the passkey, then tap ok.

- (c) After a successful connection is made, the status screen will report Connected.



- (d) Now you are ready to access your LAN for Internet access, files, etc.

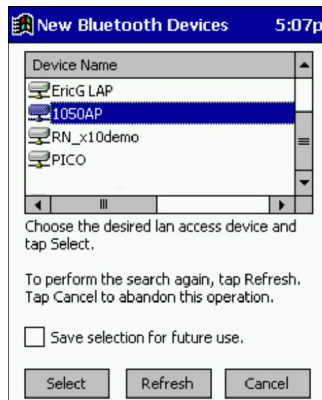
SCENARIO #3: Your Bluetooth Devices folder has no access points.

- (a) When you tap Bluetooth LAN Access, the mobile computer will automatically begin to search for new Bluetooth devices.



Note: You can also start the device search by tapping Find in the Bluetooth Devices screen. See Scenario #2 on page 5-21.

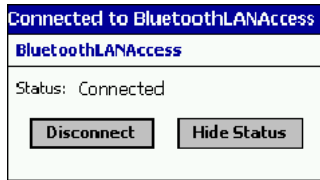
- (b) After the search is complete, select the access point you wish to connect to. Tap Select. If the access point is not listed, tap Refresh to search again.



- (c) After you tap Select, a service discovery phase will begin.



- (d) If the LAN requires a Passkey, a screen will appear, asking for the Passkey. Enter the passkey, then tap ok.
(e) After a successful connection is made, the screen will report Connected.



(f) Now you are ready to access your LAN for Internet access, files, etc.

OBEX

This section explains how to use the OBEX (object exchange) application to trade business cards, contacts or files with another Bluetooth device that supports OBEX.

Bluetooth OBEX application supports five operations:

- Exchange Business Cards
- Send a Contact
- Send a File
- Browse Remote Device
- Receive Contact or File
- Enable File Sharing

The first four operations - exchange business cards, send a contact, send a file, and browse remote device - are client-oriented. They involve initiating an object exchange.

The last two operations - receive contact or file and enable file sharing - are server-oriented. They involve accepting objects in an exchange initiated by another Bluetooth device.

Exchange Business Cards

1 Make sure both Bluetooth devices have a business card assigned to them.

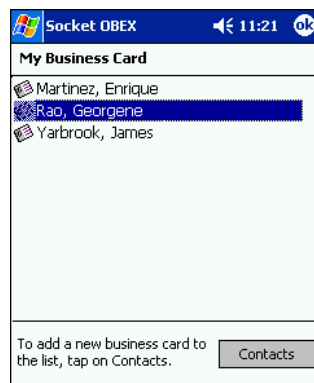
Note: If each device does not have a business card assigned to it, you will not be able to exchange business cards.

To assign a business card to your mobile computer, do the following:

- Tap on the Bluetooth icon. In the pop-up menu, tap Advanced Features | My Bluetooth Device.
- Tap on the Object Sharing tab. Under My business card, tap Assign...



- In the next screen, select your business card and tap ok. If your business card is not listed, tap on the Contacts button to create one.

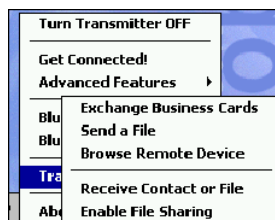


When you return to the Object Sharing screen, tap ok.

- 2 Make sure the other Bluetooth device is set up to receive a contact. The device must support the OBEX Object Push profile.

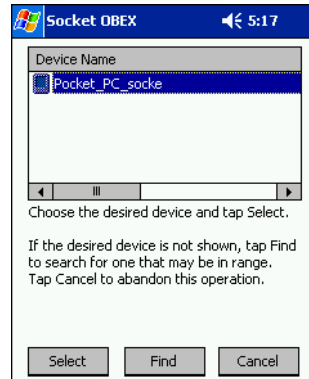
Note: If the other device is also using the Bluetooth Connection Kit, you can set it up to receive a contact by tapping the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Receive Contact or File.

- 3 Now you are ready to exchange business cards. Tap on the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Exchange Business Cards.



- 4 If your mobile computer has no devices in the Bluetooth Devices Folder, then it will begin to search for Bluetooth devices nearby.

-
- 5 Select the Bluetooth device you wish to exchange business cards with. If the device is not listed, tap Find.



- 6 Your mobile computer will begin to exchange business cards. After the exchange, the new business card should appear in your Contacts list.

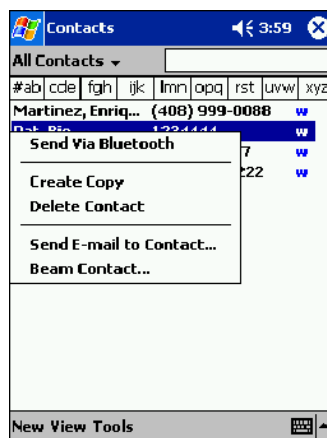


Send a Contact

- 1 Make sure the other Bluetooth device is set up to receive a contact. It must support the OBEX Object Push server profile. Refer to the documentation that came with the device for instructions.

Note: If the other device is also using the Bluetooth Connection Kit, you can set it up to receive a contact by tapping the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Receive Contact or File.

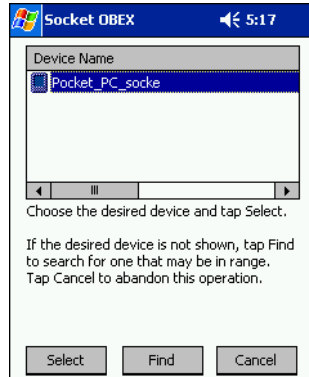
- 2 Now you are ready to send a contact. Go to your Contacts folder.
- 3 Tap and hold your stylus on the contact(s) you would like to send. In the pop-up menu, select Send Via Bluetooth.



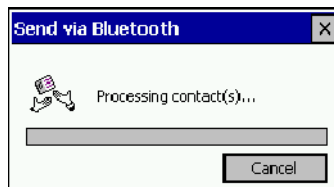
- 4 If your mobile computer has no devices in the Bluetooth Devices Folder, then it will begin to search for Bluetooth devices nearby.



- 5 Select the Bluetooth device you wish to send the contact(s) to. If the desired device is not listed, tap Find.



- 6 Your mobile computer will process and send the contact(s).

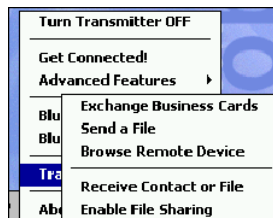


Send a File

- 1 Make sure the other Bluetooth device is set up to receive a file. It must support the OBEX Object Push server profile. Refer to the documentation that came with the device for instructions.

Note: If the other device is also using the Bluetooth Connection Kit, you can set it up to receive a file by tapping the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Receive Contact or File.

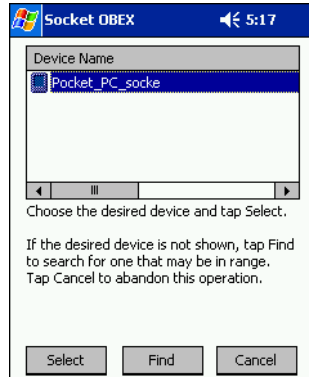
- 2 Now you are ready to send a file. Tap on the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Send a File.



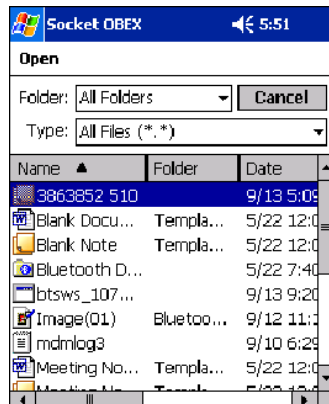
- 3 If your mobile computer has no devices in the Bluetooth Devices Folder, then it will begin to search for Bluetooth devices nearby.



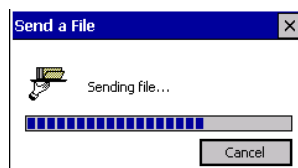
- 4 Select the Bluetooth device you wish to send a file. If the desired device is not listed, tap Find.



- 5 In the next screen, tap on the file you wish to send. You can use the Folder and Type drop-down menus to search for your file. Also, you can scroll horizontally to view the folder, date, size, type, and location of each file.



- 6 Your mobile computer will send the file.



Browse Remote Device

The Bluetooth File Explorer lets your mobile computer share files with another Bluetooth device. The other device must support the OBEX File Transfer server profile.

This section covers the following file transfer operations:

- Prepare for file transfer

- Send/receive file(s) or folder(s)
- Create a folder
- Delete file(s) or folder(s)
- Refresh remote view
- Connect/disconnect
- Exit the program

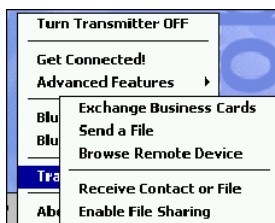
Note: “Local device” refers to the mobile computer you are running the OBEX from. “Remote device” refers to the Bluetooth device you are trying to transfer files with.

Prepare for File Transfer

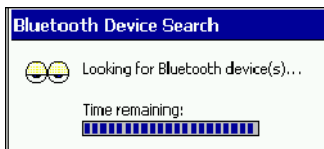
- 1 Make sure the remote device has file sharing enabled. It must support the OBEX File Transfer server profile.

Note: If the other device is also using the Bluetooth Connection Kit, you can enable file sharing by tapping the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Enable File Sharing.

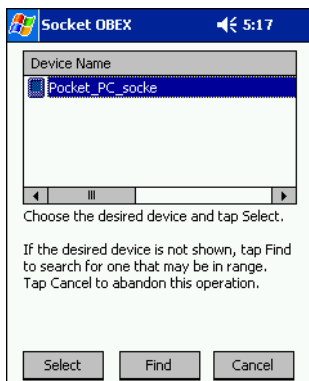
- 2 Now you are ready to browse the remote device. Tap on the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Browse Remote Device.



- 3 If your mobile computer has no devices in the Bluetooth Devices Folder that supports OBEX File Transfer, then it will begin to search for Bluetooth devices nearby.



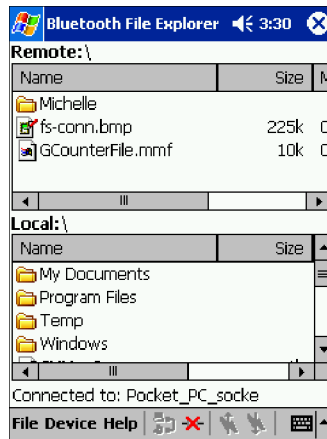
- 4 Select the Bluetooth device you wish to browse. If the desired device is not listed, tap Find.



- 5 Your mobile computer will begin to establish a file sharing connection.



- 6 After the devices successfully connect, the Bluetooth File Explorer will appear. Half of the screen shows contents of the remote device, while the other half shows contents of your device (the local device). The very bottom of the screen reports the connection status.

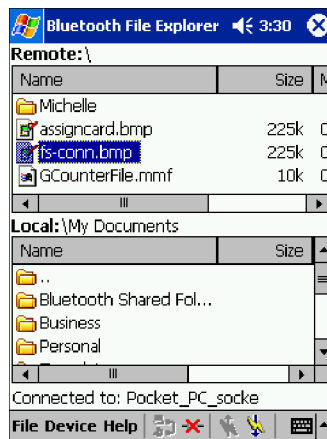


Send/Receive File(s) or Folder(s)

- Single-tap items to select them for transfer.
- Double-tap on a folders to open it and see its contents.

Complete these steps:

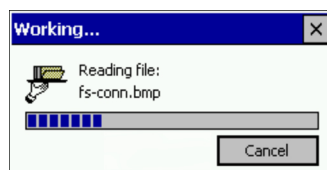
- 1 Select the file(s) or folder(s) that you wish to transfer. You can select items from only one device per transfer session.



- 2 There are two different ways to initiate the transfer:

- Tap on the File menu. Select Send to remote or Get from remote, as applicable. The inappropriate option should be gray.
- Tap on the Send to remote icon or Get from remote icon, as applicable. The inappropriate icon should be gray.

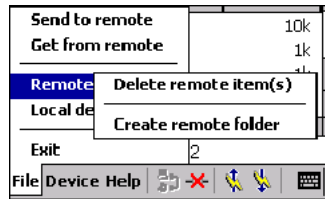
- 3 A screen will report the status of the transfer.



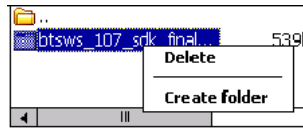
- 4 After the transfer, a copy of each selected item should appear in the other device.

Create a Folder

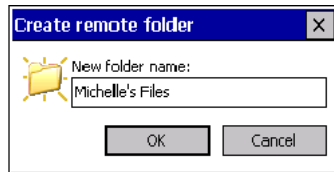
- 1 Tap on the File menu. Select Remote device or Local device, wherever you want to create a folder, then tap Create remote folder or Create local folder, as applicable.



- 2 Alternatively, on the Dolphin 9500/9550, you can tap and hold your stylus on an item in either the remote or local device that you wish to put in a new folder. In the pop-up menu, select Create folder.



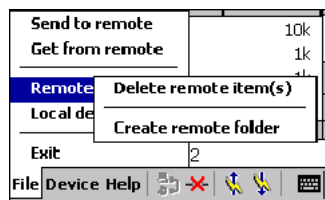
- 3 In the next screen, enter a name for your new folder. Tap OK.



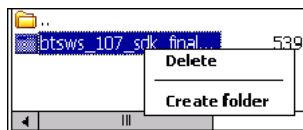
- 4 The new folder should be listed under the appropriate device.

Delete File(s) or Folder(s)

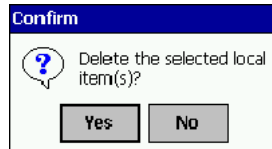
- 1 Select item(s) that you wish to delete. You can only delete item(s) from one device at a time.
- 2 Tap on the File menu. Select Remote device or Local device, wherever the item(s) are located, then tap Delete remote item(s) or Delete local item(s), as applicable.



- 3 Tap and hold your stylus on an item in either the remote or local device that you wish to put in a new folder. In the pop-up menu, select Delete folder.



- 4 In the Confirm screen, tap Yes.



Refresh Remote View

- 1 Tap on the Device menu. Select Refresh remote view.



- 2 Your local device will begin to read the contents of the remote device.
- 3 After a few seconds, the view of the contents of the remote device will be refreshed.

Connect/Disconnect

To connect to the remote device, do the following:

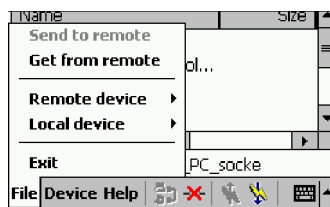
- 1 Make sure the remote device has file sharing enabled.
- 2 Start the connection process by either of two methods:
 - Tap on the Device menu. Select Connect.
 - Tap on the Connect icon.
- 3 In the next screen, select the device you wish to connect to. Tap Select. Your mobile computer will attempt to connect to the device selected.

To disconnect from the remote device, do the following:

- 1 Start the disconnection process by either of two methods:
 - Tap on the Device menu. Select Disconnect.
 - Tap on the Disconnect icon.
- 2 Your mobile computer will disconnect from the remote device. Afterwards, no contents will be listed for the remote device.

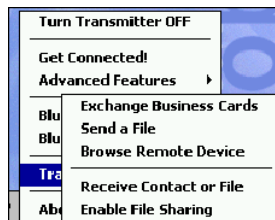
Exit Bluetooth File Explorer

To exit the Bluetooth File Explorer, tap File | Exit.



Receive Contact or File

- 1 Tap on the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Receive Contact or File.



- 2 The Receive Contact or File status screen will appear. Your mobile computer will wait two minutes for the contact or file.



- 3 After successfully connecting to the remote device, the screen will report Connected then disappear. The new contact or file should now be on your device.
- 4 If two minutes passes before you receive the item, tap Wait Again.
- 5 After you receive the file or contact, the "Receive Contact or File" feature is automatically disabled.

Enable File Sharing

- 1 Tap on the Bluetooth icon. In the pop-up menu, tap Transfer via Bluetooth | Enable File Sharing.
- 2 The Enable File Sharing status screen will appear. Your mobile computer will wait two minutes for the remote device to connect.



- 3 After successfully connecting to the remote device, the screen will report Connected.
- 4 If two minutes passes before you connect, tap Wait Again.
- 5 File sharing will be enabled until you end it by tapping Cancel.

The Dialer

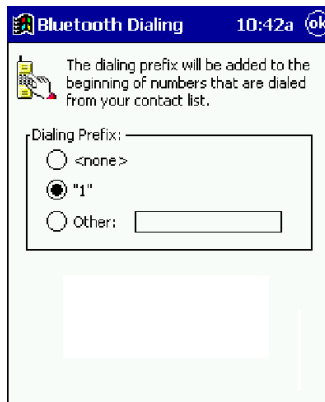
This section explains how to assign a dialing prefix and use the Dialer to dial a number directly from your Contacts list. The Dialer makes it quick and easy to perform dial-up networking.

Note: The Dialer has been verified to work with Nokia and Ericsson phones and is known not to work with the Motorola 270c, NTT Docomo Paldio 633S or Sony au C413S phone. Results may vary with other phones that are not listed as being supported by the Bluetooth system.

Assign a Dialing Prefix

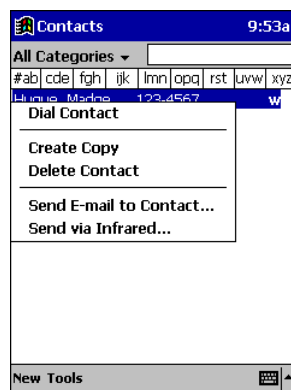
If you have not already assigned a dialing prefix during the install process, you can do so by following these steps:

- 1 Go to Start | Settings | System. Tap on Dialer.
- 2 Select the appropriate Dialing Prefix, then tap ok.



Use the Dialer

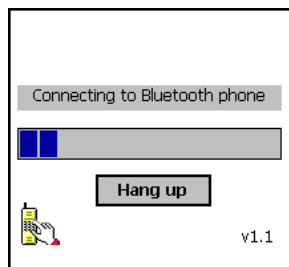
- 1 To use the dialer, the mobile computer must already be connected to the Bluetooth phone. You can use the Get Connected! Wizard to do this. Also, the Bluetooth phone must be selected as your favorite.
- 2 Go to Start | Contacts.
- 3 Tap and hold your stylus on the contact you wish to dial to. In the pop-up menu, select Dial Contact. Alternatively, you can tap on Tools and select Dial Contact.



- 4 If you have multiple phone numbers for a contact, a screen will appear listing them, including any dialing prefix you may have assigned. Select the phone number you wish to dial.



5 Your mobile computer will connect to your phone and begin dialing.



Note: The Dialer can dial a phone number containing any of the 17 following non-numeric characters:

* # + . / ! @ - \ space A B C D T P W

Additionally, the following string can be included in a phone number:

(',')

The Dialer can not dial a phone number containing non-numeric characters other than those listed above.

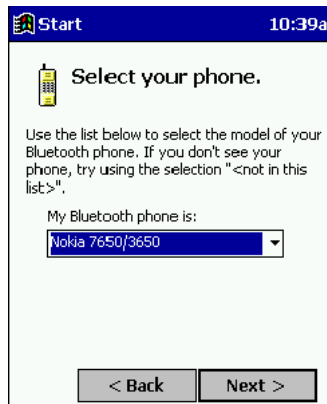
HHP recommends that you follow the standard Microsoft Outlook format for phone numbers.

Get Connected Wizard

The Get Connected! Wizard guides you through a one-time setup process that prepares the mobile computer and phone for Bluetooth connections. The wizard varies depending on what phone you want to connect to.

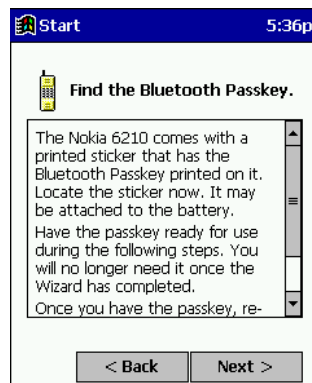
Ericsson, Nokia 6210, NTT DoCoMo, Sony Phones

- 1 Tap on the Bluetooth task tray icon. In the pop-up menu, select Get Connected!
- 2 Follow the Bluetooth “Get Connected!” Wizard. In the second screen, use the drop-down list to select your Bluetooth phone. The wizard will provide tailored instructions based on your selection.

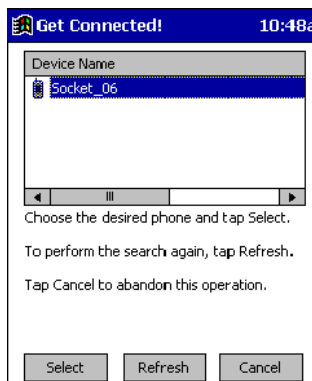


3 Follow the next screen(s) to prepare your specific phone for Bluetooth connections. You may need to do 1, 2 or all of the following steps:

- a. Naming your Bluetooth phone
- b. Setting your Bluetooth phone in Discoverable mode
- c. Preparing your Bluetooth passkey.

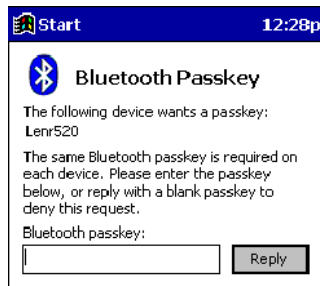


4 When the search is complete, a list of the discovered Bluetooth phones will appear. Choose the phone you wish to connect to, and tap Select. A service discovery phase will begin, about 5-10 seconds.



5 As prompted in the next screen, prepare your phone for bonding. For instructions on setting your phone to “Bondable” or “Pairable” mode, refer to your phone manual. Have your passkey ready, then tap Next>.

-
- 6 In the next screen, enter the passkey. Tap Reply.



- 7 The mobile phone may then either automatically accept the passkey or ask you to enter one. If prompted for a passkey, use the same one you entered on the mobile computer.

Ericsson T68/T68i only: When the phone asks you if you want to bond, select 2: Add to paired devices. Do not tap ACCEPT.

- 8 Tap Finish. After successfully connecting, the phone will appear in the Bluetooth Devices folder. In the Today screen, the Bluetooth icon will also blink. You will not need to run the Get Connected! Wizard again unless you plan to switch between different phones.

Note: You may also switch between different phones by assigning a new “favorite phone” in the Bluetooth Devices folder.

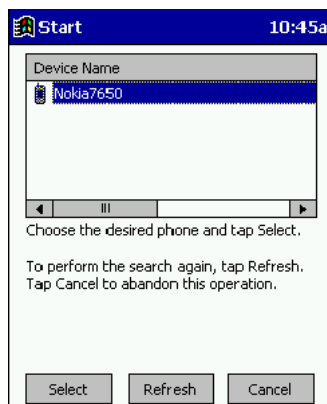
Motorola Timeport 270C, Nokia 3650/6310/7650/8910/8910i

- 1 Tap on the Bluetooth task tray icon . In the pop-up menu, select Get Connected!

- 2 Follow the Bluetooth “Get Connected!” Wizard. In the second screen, use the drop-down list to select your Bluetooth phone. The wizard will provide tailored instructions for your phone.

Note: The screens below are for the Nokia 7650.

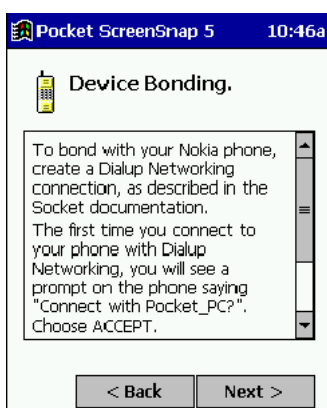
- 3 As directed in the next two screens, assign the phone a unique name and set the phone in Discoverable mode. Then tap Next>.
- 4 The mobile computer will begin to search for the phone. When the search is over, a list of the discovered Bluetooth phones will appear.



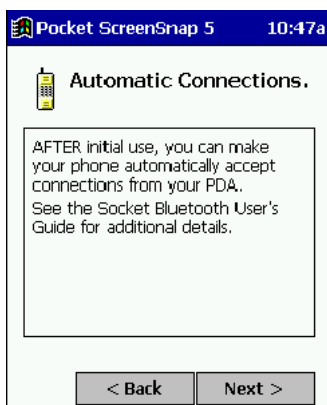
Choose the phone you wish to connect to, and tap Select. A service discovery phase will begin, about 5-10 seconds.

-
- 5 The next two screens describe procedures you can only complete outside of the wizard. Read through each screen but do not complete the described procedures until you exit the wizard. Directions for these procedures are provided in STEP 7: Dial-up to Your Network, starting on the next page. The two procedures are:

Bonding with your phone - This must be completed in order to complete the Bluetooth connection and involves dial-up networking.



Automatic Connections - This procedure is optional but will make future Bluetooth connections more convenient.

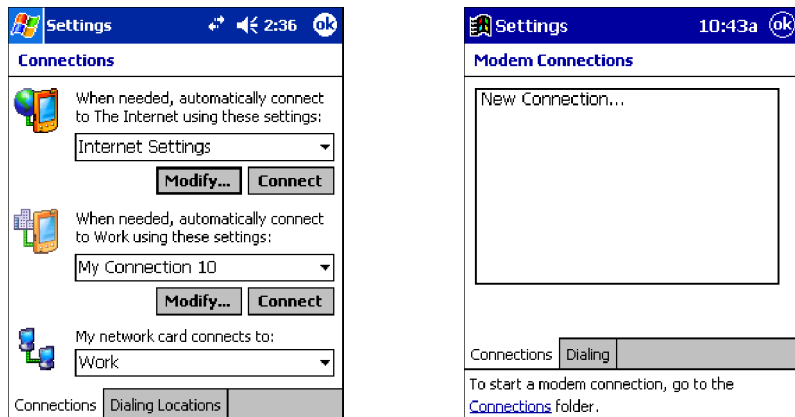


- 6 Continue to the last screen of the wizard and tap Finish. Now proceed to STEP 6 to complete the bonding process and, if desired, set up automatic connections.

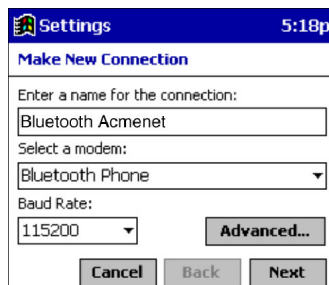
Dial-up to Your Network

Complete the following steps to create a new Bluetooth connection. Before setting up dial-up networking, prepare yourself with dial-up information and other necessary settings for your office network or ISP.

- 1 Go to Start | Settings | Connections. Tap on the Connections icon. In the top field, select Internet Settings. Tap Modify... In the next screen, tap New...

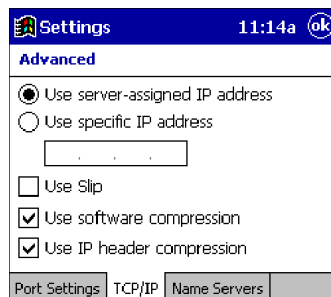


- 2 In the next screen, enter a name for the dial-up connection. For the modem, select Bluetooth Phone. For the Baud Rate, select 115200. Tap Advanced...



Note: Remember what you name the connection. You will need it when you start the connection.

- 3 The Port Settings screen will appear. If needed, tap on the TCP/IP and/or Name Servers screens to enter any necessary settings for your office network or ISP. Tap ok.



- 4 Tap Next.
- 5 In the Phone number field, enter the dial-up number. Tap Next.