



MyPal A716

User's manual

E1462

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Contents at a glance

This user's manual contains the information you need to efficiently use ASUS® MyPal A716 Pocket PC.

- **Chapter 1 - Get started!** 1-1
This chapter introduces the ASUS MyPal A716 Pocket PC, how to set and power it up, and basic screens that will familiarize you with its many features.
- **Chapter 2 - Learn the basics** 2-1
This chapter will teach you the basic functions in MyPal A716. You will learn how to enter, find, and organize information, customize the device, and use the bundled ASUS utilities.
- **Chapter 3 - Microsoft® ActiveSync®** 3-1
This chapter tells you how to use the Microsoft® ActiveSync® to synchronize your device with your desktop computer.
- **Chapter 4 - Microsoft® Pocket Outlook** 4-1
This chapter details the procedures for the Microsoft® Pocket Outlook Calendar, Contacts, Tasks, Notes, and Inbox.
- **Chapter 5 - Companion programs** 5-1
This chapter includes information on Pocket Word, Pocket Excel, MSN Messenger, Windows Media Player for Pocket PC, and Microsoft Reader.
- **Chapter 6 - Pocket Internet Explorer** 6-1
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- **Chapter 7 - Get connected** 7-1
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- **Chapter 8 - Bluetooth®** 8-1
This chapter provides information on using the Bluetooth feature built-in the device.
- **Chapter 9 - Wireless LAN** 9-1
This chapter provides information on launching and using the Wireless LAN feature of your device.
- **Appendix - Notices** A-1
This part includes the safety notices and regulations.

MyPal A716 specifications

Processor	Intel® PXA255 400 MHz
Operating system	Microsoft® Windows Mobile™ 2003
Memory	64MB Flash 64MB SDRAM (<i>55MB /53MB user accessible for Western/ Eastern languages, respectively</i>)
Display	3.5-inch, brilliant transfective TFT LCD 65,536 colors, 240x320 resolution
Removable battery	1500 mAH Lithium Ion Up to 19-hour battery life*
Card slot	CF card slot, SD card slot
Connection	Wireless LAN (802.11b) Bluetooth® FIR: 4Mbps, SIR: 115.2Kbps
Audio	3.5mm stereo headphone jack Built-in microphone and speaker
Size	138mm x 78mm x 17.6mm (L x W x H) 5.43in. x 3.07in. x 0.69in. (L x W x H)
Weight	197g

* According to Microsoft Logo Test Kit - Battery Life Test

MyPal A716 package

Your package includes several accessories for the Pocket PC. After unpacking, check the items against the list below and make sure that they are in good condition. If any item is missing or damaged, contact your dealer or retailer immediately.

Standard package contents	Optional accessories
<ul style="list-style-type: none"> • ASUS MyPal A716 • USB cradle • USB sync cable • AC adapter/power cord Input: 100V~240V Output: 5V 2.4A 10W • Stylus • Microsoft Companion CD • Bonus CD • User's Manual • Quick Start Guide • Warranty card 	<ul style="list-style-type: none"> • Stylus • Car charger • Foldable keyboard** • Leather handheld case • Traveling USB sync cable • AC adapter/power cord (UL/CEE/UK/SAA/CCEE) • GPS mouse • CF GPS card • CF FM radio card • CF camera card • Bluetooth GPS • 3000 mAH Lithium Ion battery

** English version keyboard. Visit the ASUS website to check the availability of other language version keyboards.

Chapter 1

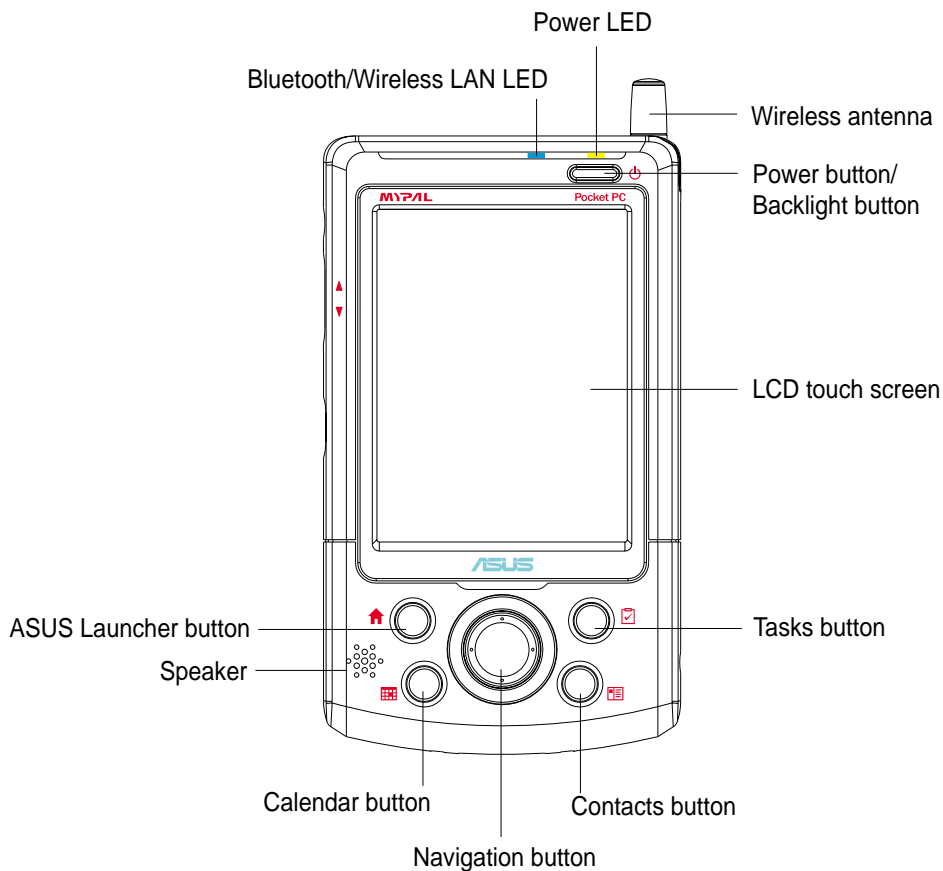
Get started!

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Introducing MyPal

The ASUS® MyPal A716 is truly a good companion wherever you go. Powered by a 400MHz Intel® PXA255 processor, equipped with 64MB SDRAM and 64MB Flash ROM, and bundled with the Microsoft® Windows Mobile® 2003 plus a host of useful utilities, you have everything you need in your pocket!

Front features



- **Power LED** - blinks green when the battery is charging; steady green when the battery is fully charged and the device is connected to an AC power source.
- **Bluetooth/Wireless LAN LED** - lights up blue when either Bluetooth™ or Wireless LAN feature is ON.
- **Wireless antenna** - allows you to obtain signal and use the wireless LAN feature.

- **Power/Backlight button** - turns the device power on or off if you press the button quickly. Pressing and holding the button for a few seconds turns the backlight on or off. Turning off the backlight saves battery power.

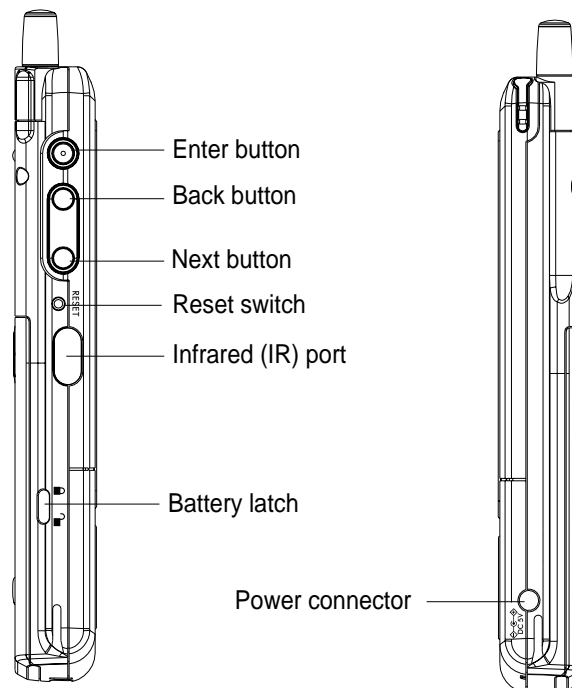
NOTE Press this button and the Tasks button simultaneously if you wish to launch the Align Screen function.

- **LCD touch screen** - allows you to enter, read, send, receive, or edit data by tapping on it. The screen lumination is increased or decreased by changing the backlight settings.
- **ASUS Launcher, Calendar, Tasks, and Contacts buttons** - allow you quick access to commonly used programs.
- **Navigation button** - functions like the four arrow keys and the Enter key on a keyboard. This multifunction button allows you to:
 - move through the program icons, folders, or files in a menu by scrolling up or down
 - launch a selected program, list folder contents, or open a file by pressing the center of the button
- **Speaker** - allows you to hear alarms and other sound outputs from the device.

Side features

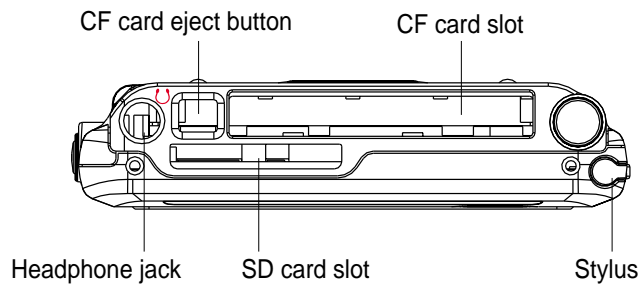
Left side

Right side



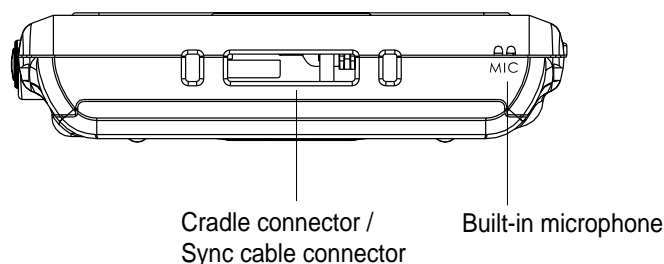
- **Power connector** - connects the AC adapter cable. Use this connector if you wish to use AC power without the cradle.
- **Enter button** - executes the selected application icon or command.
- **Back button** - selects the previous application icon or command. This button functions like the left arrow on the navigation button.
- **Next button** - selects the next application icon or command. This button functions like the right arrow on the navigation button.
- **Reset switch** - allows you to perform a soft reset in case the device malfunctions, or when an application hangs. Press the tip of the stylus on the switch to reset the system.
- **Infrared (IR) port** - allows you to copy or send data to another device that has an IR port.
- **Battery latch** - secures the battery to the unit.

Top features



- **CF card eject button** - releases the CF card from the slot.
- **CF card slot** - accommodates a CompactFlash (CF) card.
- **Headphone jack** - connects a headphone.
- **SD card slot** - accommodates an SD card.
- **Stylus** - used for tapping or writing on the LCD touch screen. Slide out the stylus from its compartment. Refer to the description of the stylus on the next page.

Bottom features

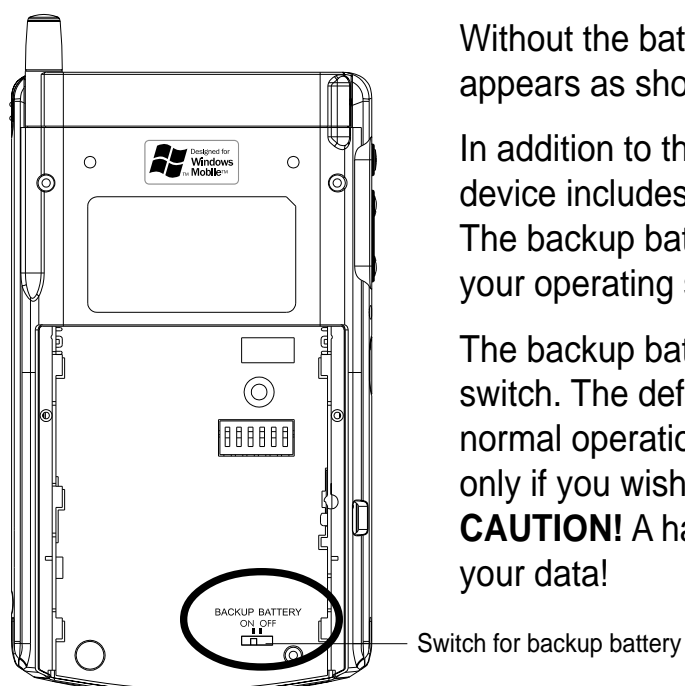
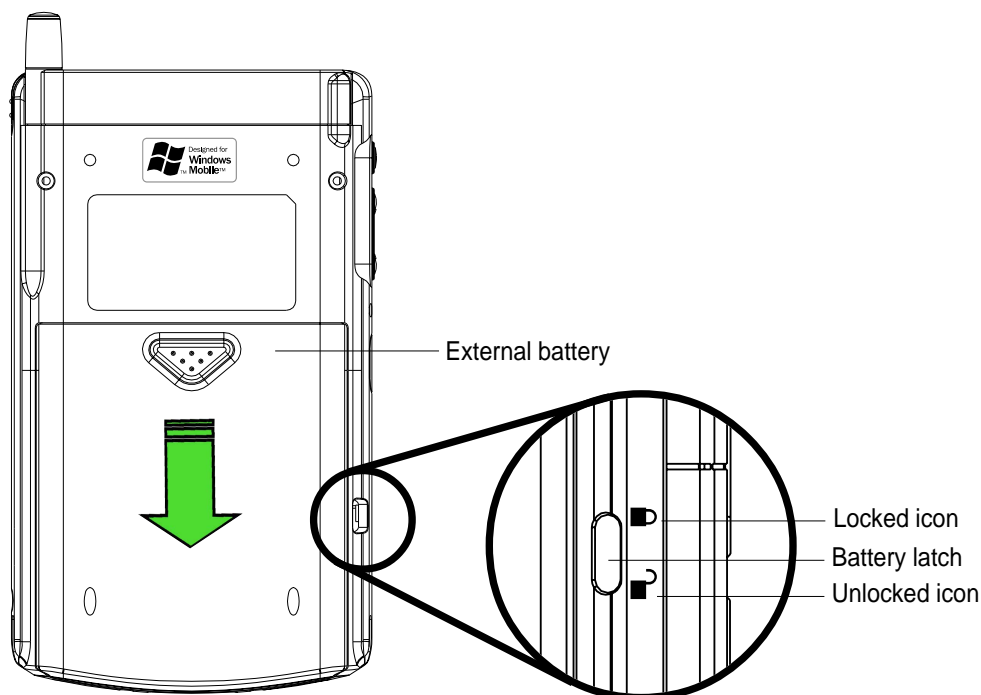


- **Cradle connector / Sync cable connector** - connects to the 26-pin female connector on the cradle. If you are not using the cradle, connect the 26-pin USB sync cable directly to this connector to synchronize your device with your computer.
- **Built-in microphone** - magnifies your sound recording.

Back features

The device has a removable external battery secured by a latch. If you wish to remove the battery, use the stylus to slide the latch toward the unlocked icon, then slide the battery downward.

NOTE As a precaution, the power button is automatically disabled when you unlock the battery latch. You may only turn on the power when the battery is securely locked to the unit.



Without the battery, the back of the device appears as shown.

In addition to the external battery, the device includes a built-in backup battery. The backup battery contains a copy of your operating system settings.

The backup battery has an ON/OFF switch. The default setting is ON for normal operation. Slide the switch to OFF only if you wish perform a hardware reset. **CAUTION!** A hardware reset erases all of your data!

The stylus

The stylus functions on a Pocket PC the same way a mouse functions on a standard PC. Use the stylus to tap or drag on the LCD touch screen to open programs or execute commands.

- **Tap.** Touch the screen once with the stylus to open programs and select options.
- **Drag.** Hold the stylus on the screen and drag across the screen to select text and images. Drag in a list to select multiple items.
- **Tap and hold.** Tap and hold the stylus on an item to see a list of actions available for that item. On the displayed pop-up menu, tap the action that you want to perform.

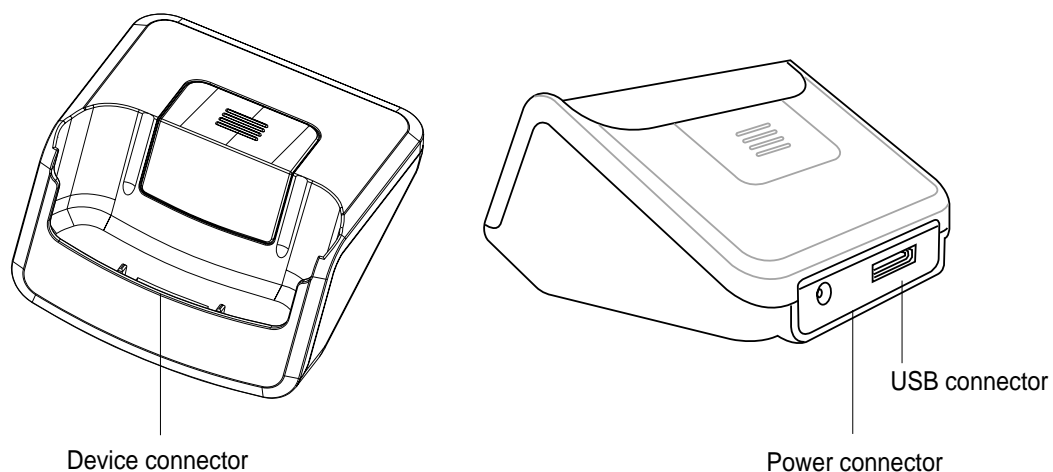
The cradle

The cradle has three connectors.

- **Device connector** - holds the device in place. This is a 26-pin connector that matches the connector on the bottom of the device.
- **USB connector** - synchronizes the device with your PC.

NOTE The USB cable/connector is not detachable from the back of the cradle.

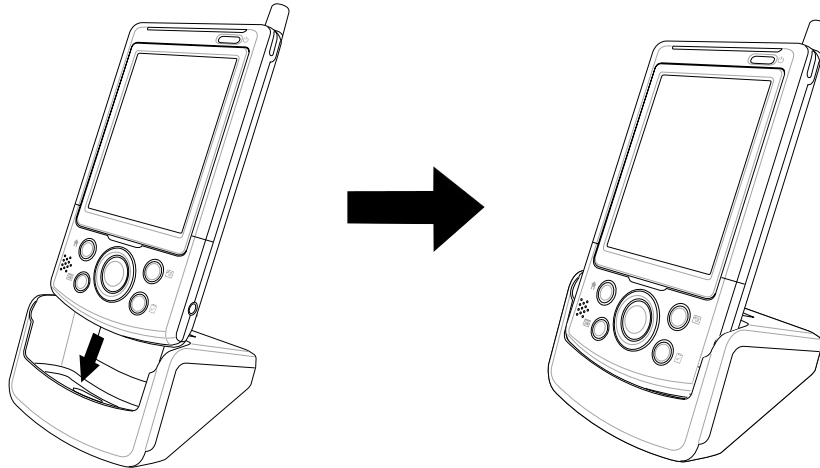
- **Power connector** - connects the bundled AC adapter. This connector is located at the back side of the cradle.



Setting up MyPal

Placing on the cradle

Position the device on the cradle as shown. Match the connectors and carefully insert the device until it fits in place.



Connecting the AC adapter

- Connect the AC adapter cable to the connector at the back of the cradle. Connect the power plug to a grounded wall socket. See Figure 1.
- If you are not using the cradle, connect the AC adapter cable directly to the power connector at the bottom of the device. Connect the power plug to a grounded wall socket. See Figure 2.

Figure 2

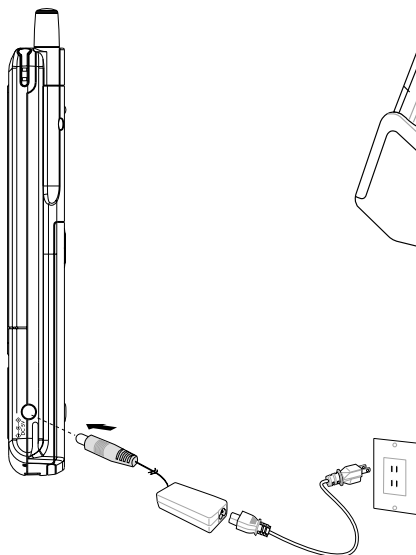
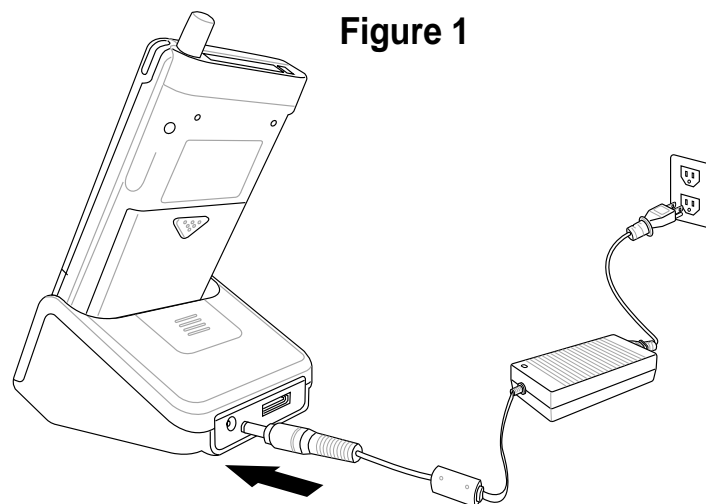



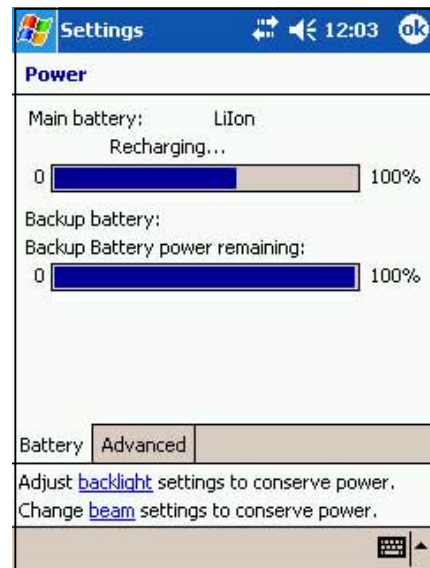
Figure 1



Charging the battery

Your device includes a rechargeable Lithium Ion battery. You must charge the battery before using the device the first time. The battery starts charging as soon as you connect the AC adapter to a power source. Use the AC adapter to plug your device to a power source whenever possible, especially when you are using a modem or other peripherals, using the device backlight, connecting to a PC, or letting notification light flash for extended time periods.

To display the power status, tap , **Settings**, **System** tab, and the **Power** icon.



Activating MyPal

It is important that you properly calibrate and activate your device before using it. This process ensures accurate positioning when entering text and selecting menus.


Follow these steps to calibrate and activate MyPal.

1. Press the power button.
2. Use the stylus to tap the LCD touch screen to start the calibration and activation.
3. At the prompt to align the screen, tap the center of the cross whenever the travelling cross stops on the screen. You may have to do this step several times to properly calibrate.
4. When done with the screen calibration, follow the screen instructions to complete the activation.
 - at the “Stylus” screen, tap **Next** to continue.
 - at the “Pop-up menus” screens, perform the indicated operations.
 - at the “Congratulations” screen, tap **Next** to continue.
 - at the “Location” screen, select your time zone and tap **Next** to continue.
 - at the “Completion” screen, tap the screen to continue.
5. When the **Today** screen appears, MyPal is ready to use. Proceed to the next section for information on the basic screens on your device.

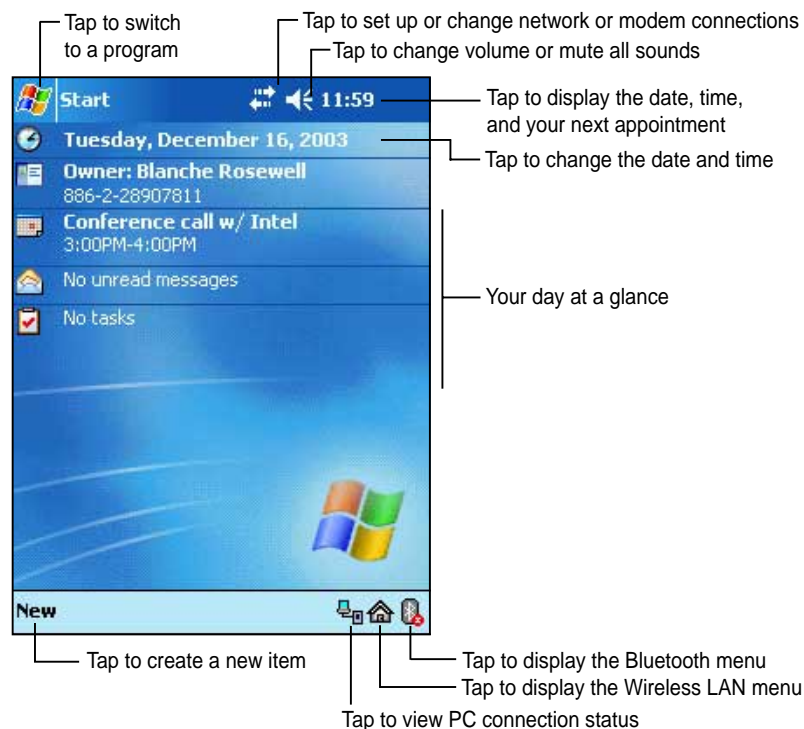
Basic screens on MyPal

Today screen

Normally, the Today screen appears when you turn on your device for the first time each day.


NOTE When the device is already on and the screen displays another program, you can display the Today screen by tapping the  icon. Then from the Navigation bar, tap **Today**.

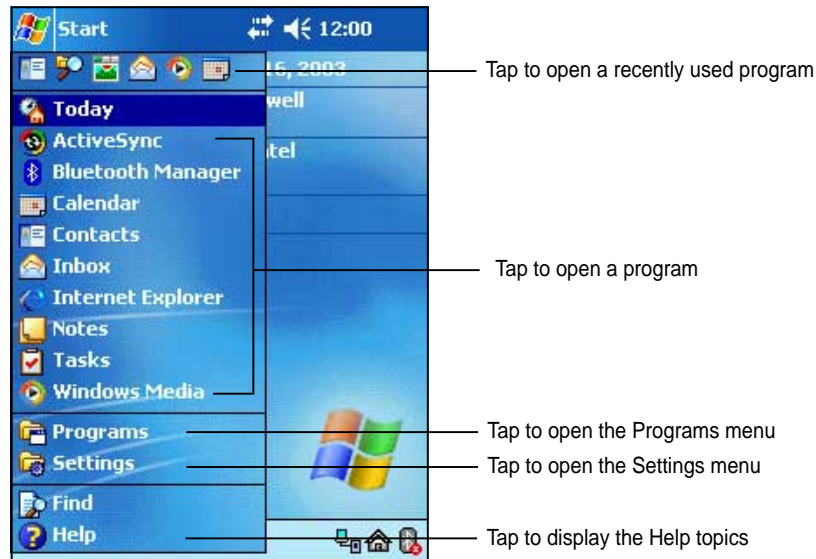
As shown in the sample below, the Today screen lets you see at a glance the summary of the important information for the day.














From the Today screen, tap any of the listed items with the stylus to display the details. See “Chapter 2: Learn the basics” to learn how to modify the current tasks or activities, or to add new items or information.

Start menu

From the Start menu, you can select programs, settings, and Help topics. To display the Start menu, tap the  icon from the top of the screen.

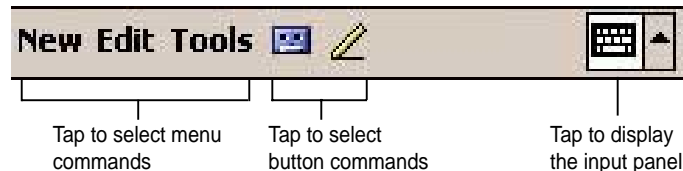


Icon	Program	Description
	ActiveSync	Synchronize information between your device and your desktop computer.
	Calendar	Keep track of your appointments and create meeting requests.
	Contacts	Keep track of your friends and colleagues.
	Inbox	Send and receive e-mail messages.
	Internet Explorer	Browse Web and WAP sites, and download new programs and files from the Internet.
	Notes	Create handwritten or typed notes, drawings, and recordings.
	Tasks	Keep track of your tasks.
	Programs	Tap to see additional programs installed in your device.
	Settings	Tap to see items that you can customize or adjust to your preference.
	Find	Tap to find data in your device.
	Help	Tap to see the Help contents.

Command bar

At the bottom of the screen is the Command bar. You can use the menus and buttons on the Command bar to perform tasks in programs.

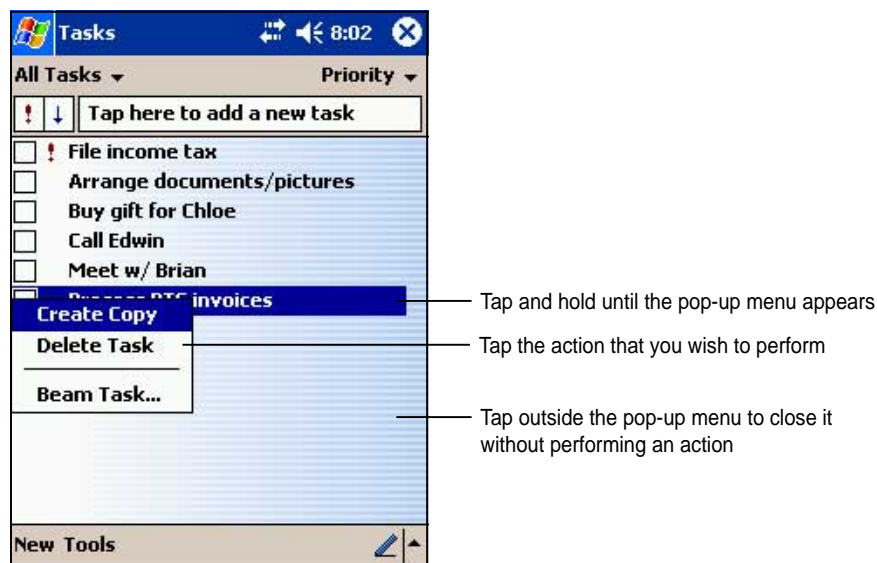
NOTE The menus and buttons vary depending on the programs you are using.



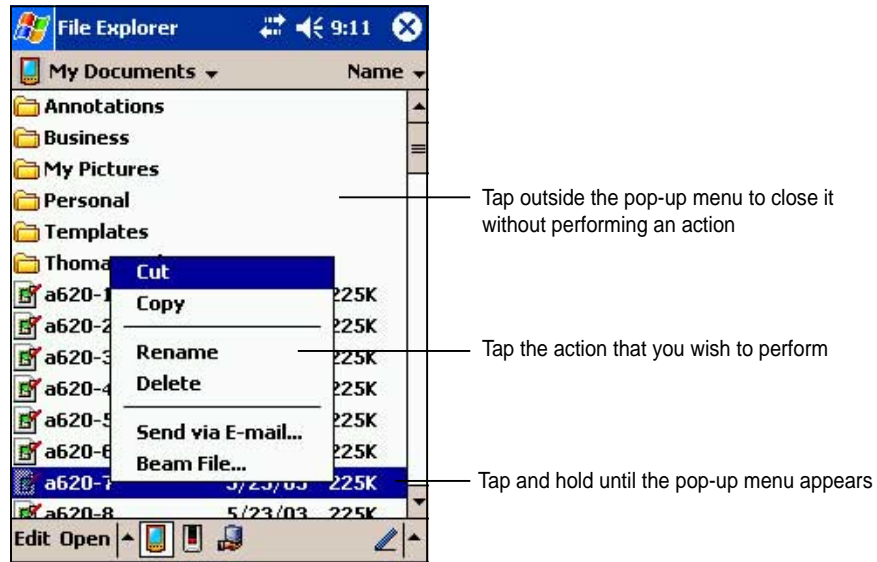
Pop-up menus

With the pop-up menus, you can easily choose an action for an item.

For example, you can use the pop-up menu in **Tasks** to delete, copy, or beam a task. The actions in the pop-up menu vary from program to program. To access a pop-up menu, tap and hold the stylus on the item that you wish to perform action on. When the menu appears, lift the stylus, and tap the action that you want to execute. To close the pop-up menu without performing an action, tap anywhere outside the menu.



The pop-up menus are also available in most other programs in your device. The pop-up menu items vary depending on the program or application. For example, the **File Explorer** pop-up menu includes more items than in Tasks.



Additional storage

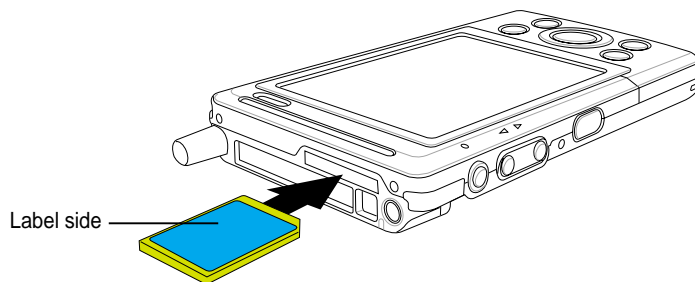
Your device comes with two kinds of memory card slots for additional storage. The CF card slot supports the multimedia cards listed under “Optional Accessories” on page iv of this manual. The SD card slot supports the SecureDigital memory card.

NOTE Install an SD card or CF card if you wish to use the ASUS backup features.

Installing and removing an SD card

To install an SD card:

1. With the label side (usually the side with the card manufacturer's name) face up, and the bar code/serial number side face down, insert the card into the SD slot.



NOTE An SD card fits only in one orientation, and slides smoothly into the slot if inserted correctly. DO NOT force the SD card into the slot!

2. Push the card all the way into the slot until it fits completely. If properly installed, the SD card edge aligns with the top edge of the device.

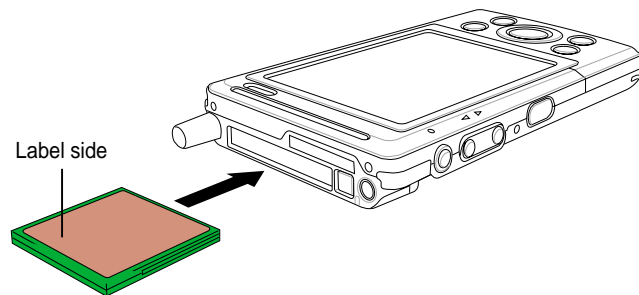
To remove an SD card:

Press the card slightly until it ejects.

Installing and removing a CF card

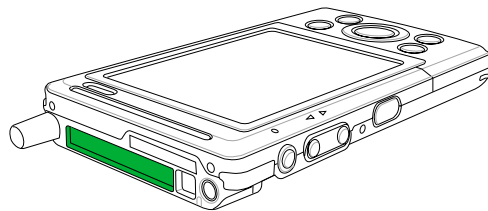
To install a CF card:

1. Locate the card side with the 50-pin female connector and insert into the slot. The label side (usually the side with the card manufacturer's name) face up, and the bar code/serial number side face down.



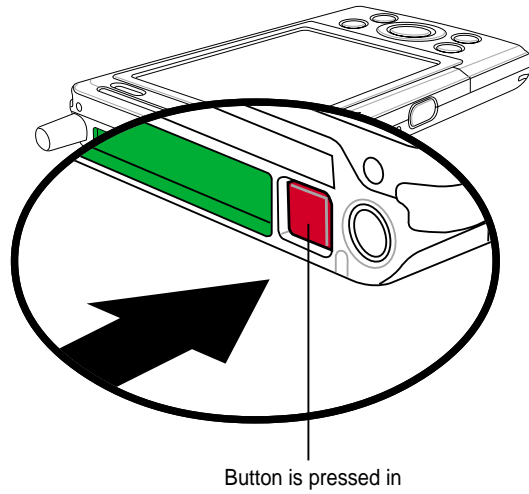
NOTE A CF card fits only in one orientation, and slides smoothly into the slot if inserted correctly. **DO NOT** force the CF card into the slot!

2. Push the card all the way into the slot until it fits completely. If properly installed, the CF card edge aligns with the top edge of the device.

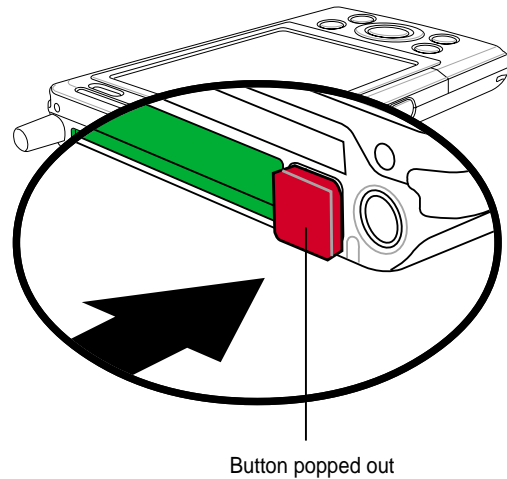


To remove a CF card:

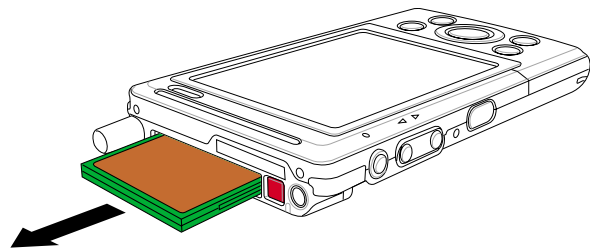
1. Press the CF card eject button until it pops out. (This button is normally pressed in and aligns with the top of the device.)



2. When the button has popped out, press it in again to release the CF card. (The button goes back to its "pressed in" position.)



3. Slide out the CF card.



Chapter 2

Learn the basics

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Entering information

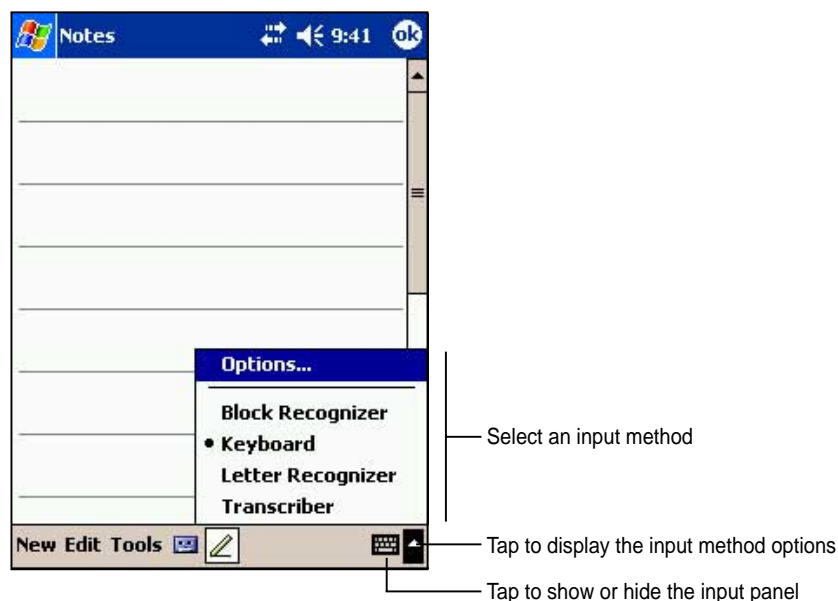
You can enter information in your device in any of the following ways.

- Use the input panel to enter text using the soft keyboard or the Letter Recognizer
- Write directly on the screen with the stylus
- Draw pictures on the screen
- Speak into the device microphone to record a message
- Use the Microsoft® ActiveSync® to synchronize or copy information from your desktop computer to your device

Entering text using the Input Panel

Use the Input Panel to enter information in any program on your device. you can either type using the **soft keyboard** or write using the **Letter Recognizer**, **Block Recognizer**, or **Transcriber**. In either case, the characters appear as typed text on the screen.

To show or hide the input panel, tap the **Input Panel** button. Tap the **arrow** next to the Input Panel button to see your options.



To type with the soft keyboard:


1. Tap the arrow next to the Input Panel button, then tap **Keyboard**.

NOTE To demonstrate, open **Notes**.

2. Tap the keys with the stylus to enter information.

When you use the Input Panel and the soft keyboard, your device anticipates the word you are typing and displays it above the Input Panel. When you tap the displayed word, it is inserted into your text at the insertion point. The more you use your device, the more words it learns to anticipate.



-
- NOTE** To change options on word completion feature:
1. Tap .
 2. Tap **Settings**.
 3. Tap **Personal** tab.
 4. Tap **Input**.
 5. Tap **Word Completion** tab.
 6. Make your desired changes.
-

To use Letter Recognizer:

With the Letter Recognizer, you can write letters on the screen with the stylus as you would on paper.

1. Tap the arrow next to the Input Panel button, then tap **Letter Recognizer**.
2. Write a letter in the box.

When you write a letter, it is converted to a typed text that appears on the screen. For instructions and demonstration on using the Letter Recognizer, tap the **question mark** next to the writing area.

To use Block Recognizer:

With the Block Recognizer, you can input character strokes that are similar to those use on other devices.

1. Tap the arrow next to the Input Panel button, then tap **Block Recognizer**.

2. Write a letter in the box.

When you write a letter, it is converted to a typed text that appears on the screen. For instructions and demonstration on using the Block Recognizer, tap the **question mark** next to the writing area.

To use Transcriber:

With Transcriber, you can use the stylus to write anywhere on the screen as you would on paper. Unlike Letter Recognizer and Block Recognizer, you can write a sentence or additional information. Pause after writing and let Transcriber convert the written characters to typed characters.

1. Tap the arrow next to the Input Panel button, then tap **Transcriber**.
2. Write anywhere on the screen.

For instructions and demonstration on using Transcriber, with Transcriber open, tap the **question mark** in the lower right corner of the screen.

To edit typed text:

1. Select the text that you wish to edit using either one of the following:
 - drag the stylus over the text
 - tap twice to select a word
 - tap three times to select a paragraph
2. Tap **Edit** on the Command bar and select an action, or use one of the tools in the Input Panel to enter a new text.

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 the stylus to write directly on the screen. Write the way you do on paper. You can edit and format what you have written and convert the information to text at a later time.

To write on the screen:

1. Open the **Notes** program.
2. Tap the **Pen** button to switch to the writing mode. The screen displays blank space with lines to help you write.
3. Write your text.



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 edit your writing:

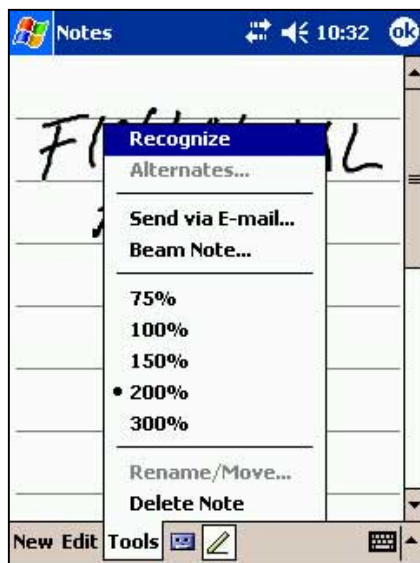
1. Tap and hold the stylus next to the text that you wish to select until the insertion point appears.
2. Without lifting, drag the stylus across the text to select it.
If you accidentally write on the screen, tap **Tools**, then **Undo** and try again. You can also select text by tapping the **Pen** button to deselect it, then dragging the stylus across the screen.
3. Tap **Edit** on the Command bar and select an action, or use one of the tools in the Input Panel to enter a new text.

To convert writing to text:

- Tap **Tools**, then **Recognize**.

To select a zoom level:

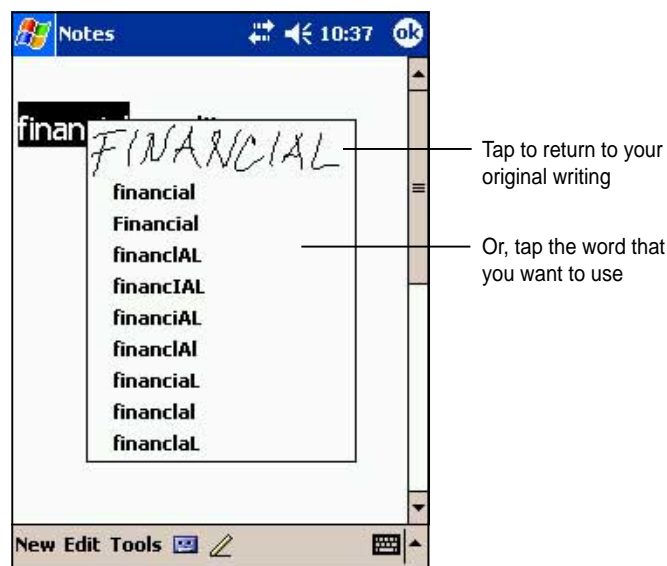
- Tap **Tools**, then tap a zoom percentage from the options.



The writing is turned into text

If the conversion is incorrect, you can select different words from a list of alternates or return to the original writing.

1. Tap and hold the incorrect word.
2. When the pop-up menu appears, tap **Alternates** to display a list of alternate words for the selection.
3. Tap the word that you want to use, or tap the writing at the top of the menu to return to the original writing.



Tips for getting good writing recognition

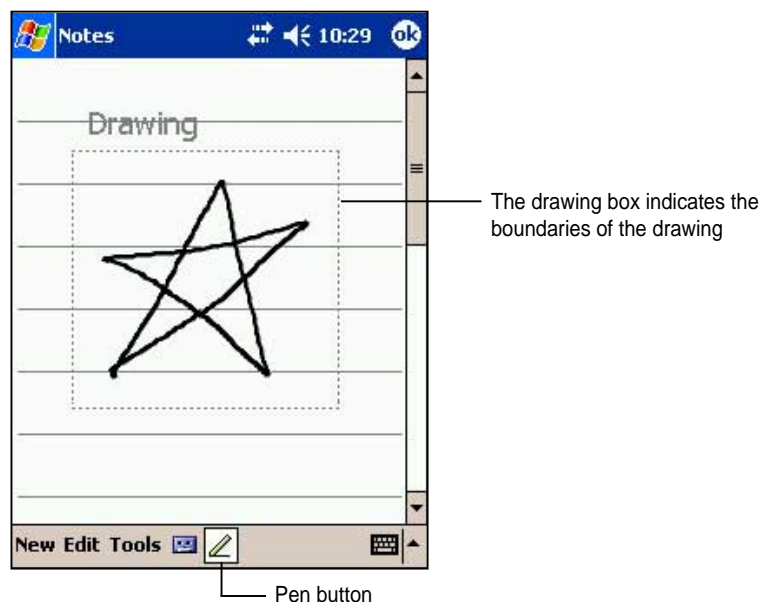
- Write neatly.
- Write on the line and draw descenders below the line. Write the cross of the “t” and apostrophes below the top line so that they are not confused with the word above. Write periods and commas above the line.
- For better recognition, try increasing the zoom level to 300% using the Tools menu.
- Write the letters of a word closely and leave big gaps between words so that the device can easily tell where the 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 after the word has been recognized, the writing that you added will be included when you try to recognize the writing again.

Drawing on the screen

You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be resized, while writing cannot.

To create a drawing:

1. Use the stylus to make a stroke three ruled lines high. A dotted box appears.
2. Make your drawing in or touching the drawing box and crossing three ruled lines. If the drawing does not cross three lines, it changes to writing.



NOTE To easily work on or view your drawing, change the zoom level by tapping Tools and selecting your desired zoom.


To edit your drawing:

1. Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, deselect the **Pen** button, then drag to select the drawings you want.
2. Tap and hold the selected drawing, then tap an editing command on the pop-up menu or tap a command on the Edit menu.
3. Resize the drawing by deselecting the **Pen** button (if selected) and dragging a selection handle to your desired size.

Recording a message

In any program where you can write or draw on the screen, you can also quickly capture thoughts, reminders, and phone numbers by recording a message. In Calendar, Tasks, and Contacts, you can include a recording in the Notes tab. In the Notes program, you can either create a stand-alone recording or include a recording in a written note. If you want to include the recording in a note, open the note first. In the Inbox program, you can add a recording to an e-mail message.

To create a recording:

1. Tap , then tap **Notes**,
OR
Tap **New**, then **Note**.
2. Tap the **Record icon** from the command bar to display the recording toolbar.
3. Tap the **Record button** (red button) to begin recording.
4. Hold your device with the microphone near your mouth or other source of sound.
5. To stop recording, tap the **Record button**. You will hear two beeps. The new recording appears in the Note list, or as an embedded icon.
6. To play the recording, tap it from the list, or if embedded in a note, tap the speaker icon.

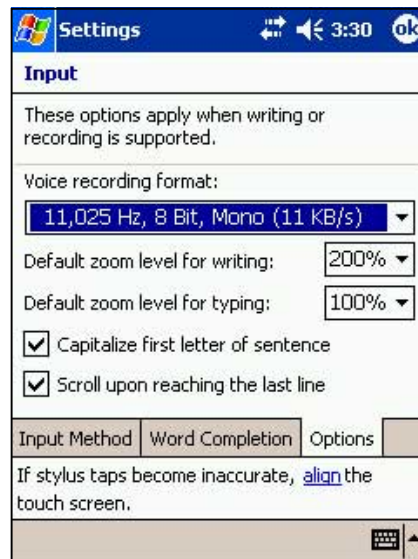


To change the recording format:

1. In the note list, tap **Tools** then **Options**.
2. Tap the **Global Input Options** link.
3. Tap the **Options** tab.

Mobile Voice is a 2.4KB audio codec. It is the recommended format because it provides good voice recording and less storage space.

Pulse Code Modulation (PCM) provides slightly better sound quality but takes up 50 times more storage space than Mobile Voice recordings.



Using a preset message

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 your desired message.

NOTE You can add text after inserting a My Text message. However, you have to add it before sending the message.

To edit a preset message:


1. Tap **Tools**, then **Edit My Text Messages**.
2. Select a message and make your desired changes.

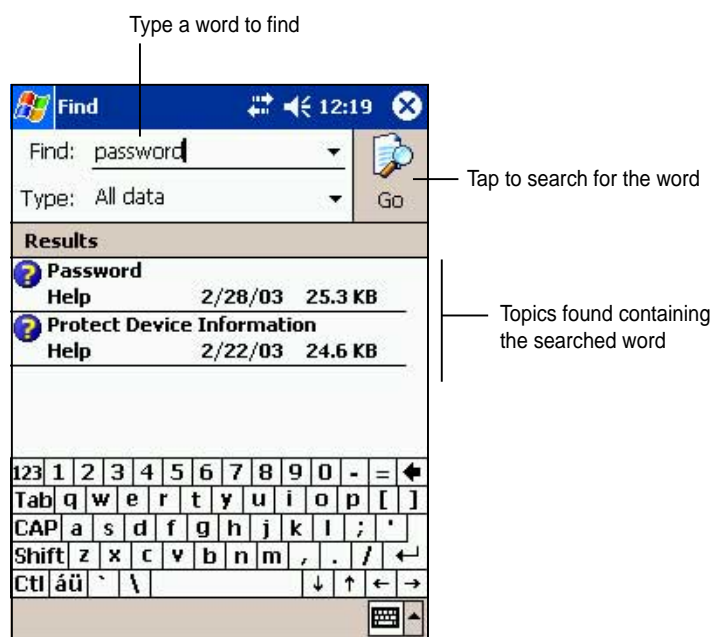


Finding and organizing information


The **Find** and **Help** features on your device helps you quickly locate information.

To find information:

1. Tap , then tap **Find**.
2. Enter the text that you want to find, select a data type, then tap **Go** to start the search. To quickly find information that is taking up space on your device, select **Larger than 64 KB** in Type.




To use the Help feature:

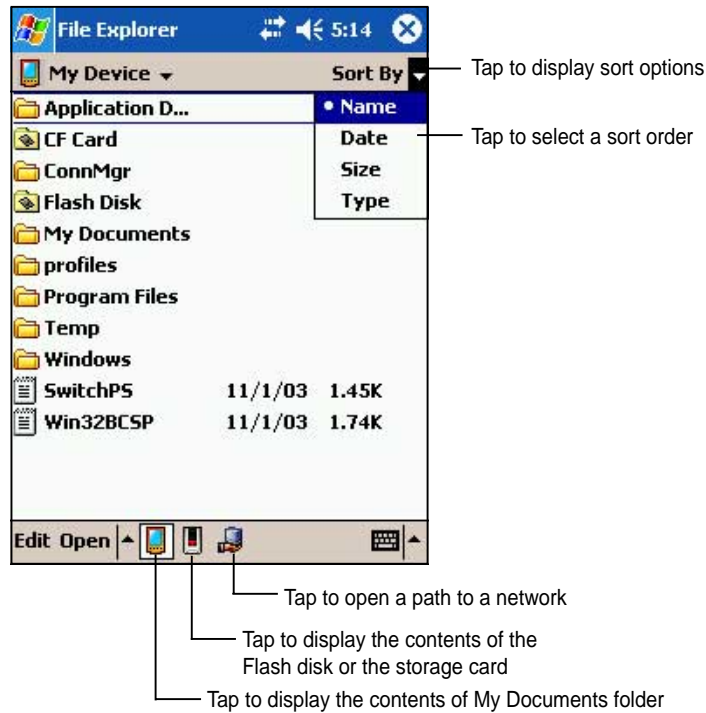
1. Tap , then tap **Help**.
2. Tap a link to the topic that you wish to display.



Using the File Explorer

To use the File Explorer to find and organize files:

1. Tap , then tap **Programs**.
2. In the Program screen, tap the **File Explorer** icon to display the files in your device.




Customizing your device

You can customize your device by adjusting the settings, using the built-in programs, and installing additional software.

Adjusting settings


You can adjust the device settings to your preference.

To see the available options:

1. Tap  , then tap **Settings** to display the Settings screen.
2. Tap the **Personal** or **System** tab on the bottom of the screen.



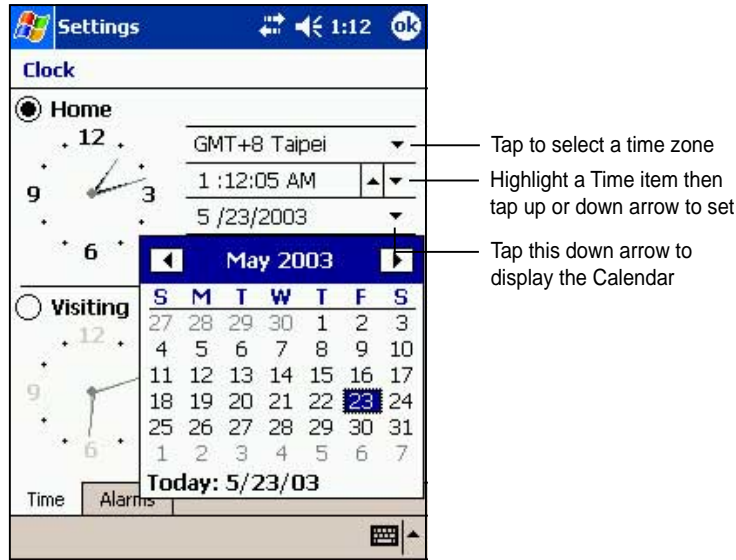
You may want to adjust any one of the following items.

- **Clock.** Change the time or set alarms.
- **Menus.** Customize what appears on the  menu, and enable a pop-up menu from the **New** button.
- **Owner information.** Enter your contact information.
- **Password.** Add security to your device.
- **Power.** Display the remaining battery power indicated by a bar chart.
- **Today.** Customize the look and information displayed on the Today screen.

NOTE Refer to the section “ASUS utilities” later in this chapter for details on the bundled ASUS programs.

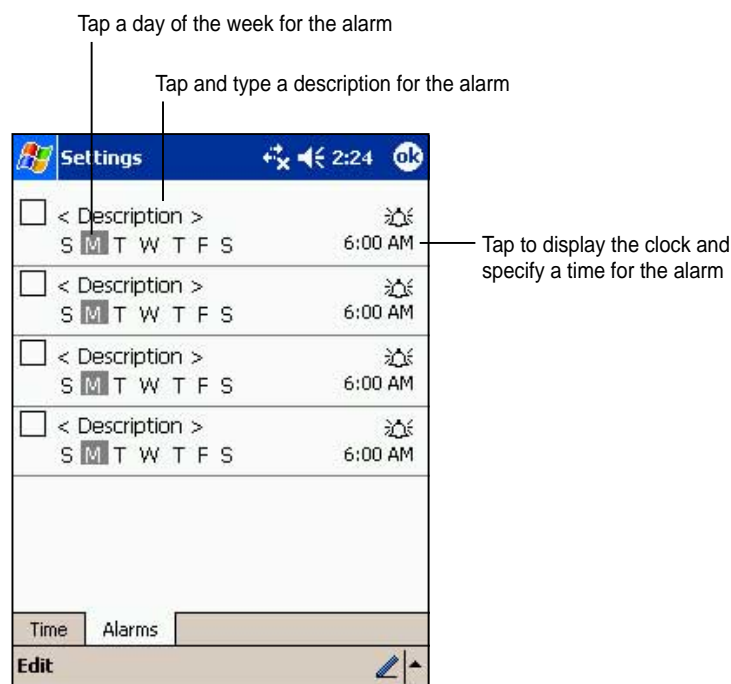
To change the date and time settings:

1. Tap **Settings**, then the **System**.
2. Tap the **Clock** icon.
3. Make your desired settings.



To change the alarm settings:

1. Tap **Settings**, then the **System**.
2. Tap the **Clock** icon, then the **Alarm** tab.
3. Make your desired settings.




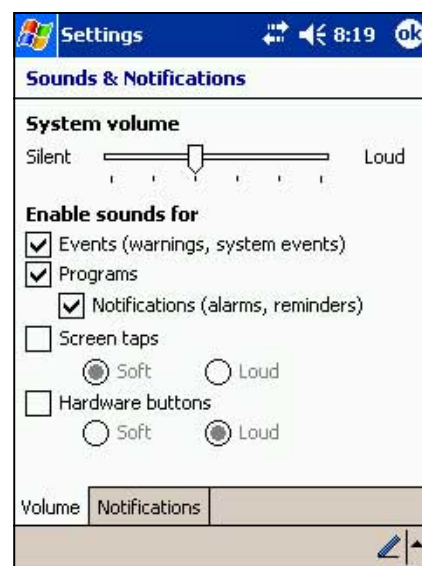
Selecting sounds and notifications

Your device can remind you of things you have to do in several ways. For example, if you have set up an appointment in Calendar, a task with a due date, or an alarm in Clock, you will be notified in any of the following ways.

- A message box appears on the screen
- A sound is played (you can select the type of sound)
- A light flashes on the device

To choose the reminder types and sounds:

1. Tap  icon then tap **Settings**.
2. From the Settings screen, tap the **Sounds and Notifications** icon to display the **Volume** screen.
3. Adjust the items to your desired settings.




4. Tap the **Notifications** tab and set the event notification details.




Using ASUS Launcher

This program allows you the convenience of classifying your frequently used programs, and quickly launching them with just a few taps.

To access ASUS Launcher:

1. Tap , then **Programs**.
2. Tap **ASUS Programs**, then **ASUS Launcher**.

NOTE To quickly access ASUS Launcher, press the  button (leftmost) on your device.



3. From the command bar, tap **Name** to display the names of the existing categories.

The default categories are **Favorites**, **Start Menu**, and **Programs**.

4. Tap a category to display the programs it contains.

By default, the Favorites category contains the ASUS Launcher and ASUS Backup program icons.



NOTE You cannot delete the default categories. However, you may edit the default titles, and add or delete programs contained in these categories.

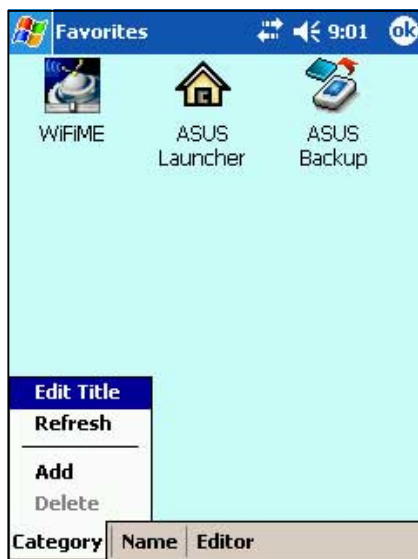
5. Tap **Start Menu** or **Programs** to display the default programs in them.



NOTE Whatever category is selected, that category will be launched the next time you tap the AsusLauncher icon.

To edit the name of a default category:

1. Tap **Name**, and select a category that you wish to rename. For example, **Programs**.
2. Tap **Category**, then **Edit Title**.
3. In the **Edit Current Category** screen, revise the name.
4. Tap **OK**.



To customize an existing category:

1. Tap **Editor**, then **Copy To**.
2. Tap **Name**, then **Programs** (or **Start Menu**).
3. In the **Programs** screen, tap the program icon that you wish to copy. For example, **Jawbreaker**. A pop-up screen appears.
4. Select a target destination for the program icon. For example, **Favorites**.
5. Repeat steps 3 and 4 to copy other programs that you wish to launch often.
6. When done, tap **Copy To** then **Launch** to return to the launch mode.
7. Tap **Name** then **Favorites** to display your customized quick launch programs.
8. Tap **OK** to set **Favorites** as your quick launch category.

The next time you access AsusLauncher, the Favorites category appears.



To remove programs from a category:

1. Tap **Editor**, then **Remove**.
2. Tap **Name**, then any of the existing categories.
3. Tap the program icon that you wish to remove. For example, the **Calculator** icon in the Favorites screen.

The icon disappears from the screen as soon as you tap it.

4. When done, tap **Remove** then **Launch** to return to the launch mode.
5. Tap **OK** to save your changes.



To add a new category:

1. Tap **Category**, then **Add**. A new category is automatically added.
2. Tap **Name** to see the updated list of categories.
3. If you wish to rename the new category, see page 2-17 for instructions.




Adding or removing programs


Programs added to your device at the factory are stored in ROM (Read-Only Memory). You cannot remove this software, and you will never accidentally lose ROM contents. ROM programs can be updated using installation programs with a *.xip extension. All other programs and data files added to your device after factory installation are stored in RAM (Random Access Memory).

You can install any program created for your device, as long as it has enough memory. The most popular place to find software for your device is on the Pocket PC web site (<http://www.microsoft.com/mobile/pocketpc>).

To add programs using ActiveSync:


NOTE You need to install the Microsoft ActiveSync on your desktop computer before you can synchronize and/or add programs to your device. Refer to “Chapter 3: Microsoft ActiveSync” for installation instructions.

1. Determine your device and processor type so that you know which version of the software to install. Tap , then tap Settings. On the System tab, tap About. In the Version tab, take note of the information in Processor.
2. Download the program to your desktop computer (or insert the CD that contains the program into your desktop computer). You may see a single *.xip, *.exe, or *.zip file, a **Setup.exe** file, or several versions of files for different device types and processors. Be sure to select the program designed for the Pocket PC and your device processor type.
3. Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
4. Connect your device to your desktop computer.





5. Double-click the *.exe file.
 - If the file is an installer, the installation wizard begins. Follow the directions on the screen. Once the software is installed on your desktop computer, the installer automatically transfers the software to your device.
 - If the file is not an installer, you will see an error message stating that the program is valid but it is designed for a different type of computer. You need to move this file to your device. If you cannot find any installation instructions for the program in the Read Me file or documentation, use ActiveSync Explore to copy the program file to the Program Files folder on your device. For more information on copying files using ActiveSync, see ActiveSync Help.
6. When the installation is complete, tap , **Programs**, and the program icon to switch to it.

To add a program directly from the Internet:


NOTE You need to be connected to the Internet through an optional modem card or network card before you can add programs directly from the Internet.

1. Determine your device and processor type so that you know which version of the software to install. Tap , then tap **Settings**. On the System tab, tap **About**. In the Version tab, take note of the information in Processor.
2. Download the program to your device straight from the Internet using the **Pocket Internet Explorer**. You may see a single *.xip, *.exe, or *.zip file, a **Setup.exe** file, or several versions of files for different device types and processors. Be sure to select the program designed for the Pocket PC and your device processor type.
3. Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
4. Tap the file, such as a *.xip or *.exe file. The installation wizard begins. Follow the directions on the screen.

To add a program to the Start menu:

1. Tap , tap **Settings**, tap **Menus**, tap the **Start Menu** tab, and tap the check box for the program. If you do not see the program on the list, you can either use File Explorer on the device to move the program to the Start Menu folder, or use ActiveSync on the desktop computer to create a shortcut to the program and place the shortcut in the Start Menu folder.
2. If you are using the File Explorer on the device:
 - a. Tap , tap **Programs**, tap **File Explorer**, and locate the program (tap the folder list, labeled My Documents by default, then tap My Device to see a list of all the folders on the device).
 - b. Tap and hold the program, then tap **Cut** on the pop-up menu. Open the Start Menu folder located in the Windows folder, tap and hold a blank area of the window, then tap **Paste** in the pop-up menu.
 - c. The program now appears on the  menu. For more information on using the File Explorer, see the section “Finding and organizing information” earlier in this chapter.
3. If you are using ActiveSync on the desktop computer:
 - a. Use the Explorer in ActiveSync to explore your device files and locate the program. Right-click the program, then click **Create Shortcut**.
 - b. Move the shortcut to the Start Menu folder in the Windows folder. The shortcut now appears on the  menu. For more information, see ActiveSync Help.

To remove a program from the Start menu:

1. Tap , then tap **Settings**. On the System tab, tap **Remove Programs**.
2. If the program does not appear in the list of installed programs, use **File Explorer** on your device to locate the program, tap and hold the program, then tap **Delete** on the pop-up menu.


ASUS utilities

Besides the Microsoft program that allows you to back up data, your device also includes proprietary ASUS utilities. The ASUS utilities allow you to backup or restore data, and adjust settings to customize your device and maximize its use.

ASUS Backup

The ASUS Backup utility lets you back up your system files and/or data contained in the main system memory. Unlike the ASUS SmartKeeper **automatic** backup feature that backs up the entire system status (system and data) into one backup file, this utility allows you to **manually** create separate backup files for your system files and data files. You may even categorize the data files and place into different folders.

To access the ASUS backup utility:

1. Tap  , then tap **Programs**.


2. Tap  , then tap  .

A message appears asking you to stop other programs before running the backup utility.

3. Tap **OK** and stop all running programs.



To stop all running programs:

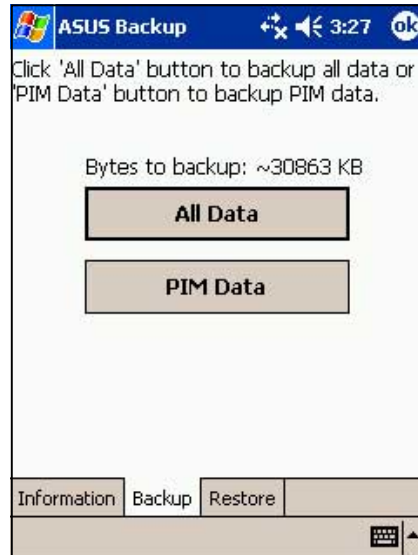
1. Tap  , then tap **Settings**.
2. Tap the **System** tab, then tap the **Memory** icon.
3. On the Memory screen, tap the **Running Programs** tab.
4. Tap the **Stop All** button, then tap **OK**.



NOTE See the online help on your device for online instructions to back up or restore data.

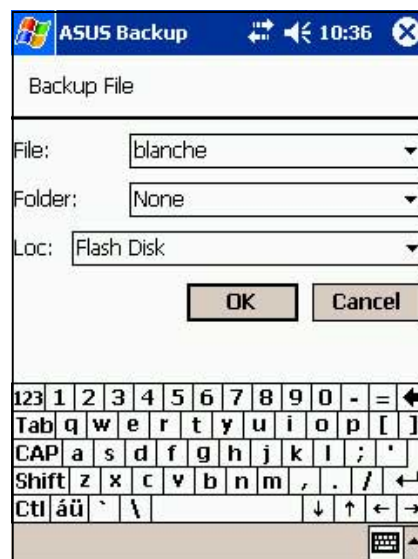
To back up all data on your device:

1. Return to the ASUS programs screen and tap the **ASUS Backup** icon.
2. Tap the **Backup** tab on the ASUS Backup screen.
3. Tap **All Data** button to back up all data on your device.



NOTE You need to insert a CF memory card or an SD card if you wish to save your backup file into a removable storage device. Otherwise, you can save the backup file into the Flash Disk.

4. In the Backup File screen:
 - specify a **file name** for the backup
 - specify the **folder** in which to store the backup file (optional)
 - select the storage device (**Flash Disk** or **CF card**) where you wish to save your backup file
5. Tap **OK** to start the backup process.



6. The screen shows the status of the backup process. When done, a message appears indicating that the backup is complete, and shows the total size of the backed up files.

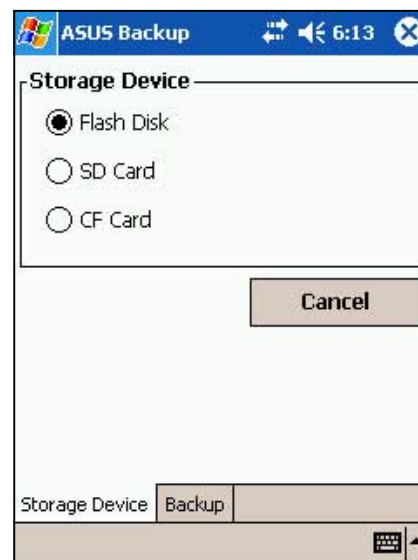
In case the program fails to back up any items, it will show the items on the screen.

7. Tap **OK**.

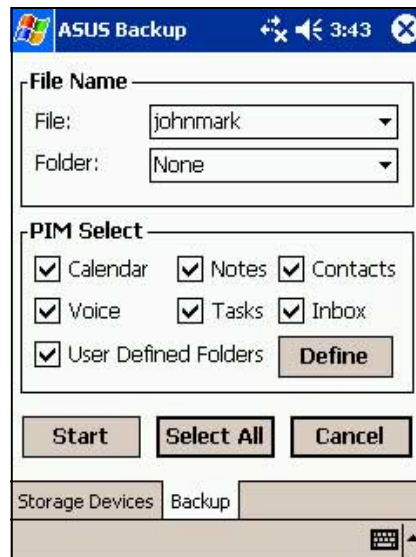


To back up only PIM data on your device:

1. On the ASUS Backup screen, tap **PIM Data** button to back up only the personal information management (PIM) data on your device.
2. Select the storage device (**Flash Disk** or **CF card**) where you wish to save your backup file.
Tapping **Cancel** returns you to the previous screen.
3. Tap the **Backup** tab.

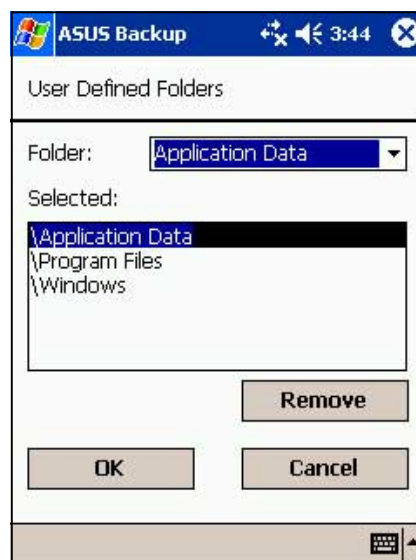


4. Type a name for your backup file and the folder where you wish to place it. You may opt not to specify a folder.
5. Check the boxes opposite the items that you wish to back up, or tap **Select All** to select all listed items.



If you checked the box **User Defined Folders**, tap **Define** to specify the folders that you wish to include in the backup file, then tap **OK**.


6. Tap **Start** to begin the backup process.



7. When the backup process is complete, the screen displays the message "Complete" and a list of all the backed up items.
8. Tap **OK**.

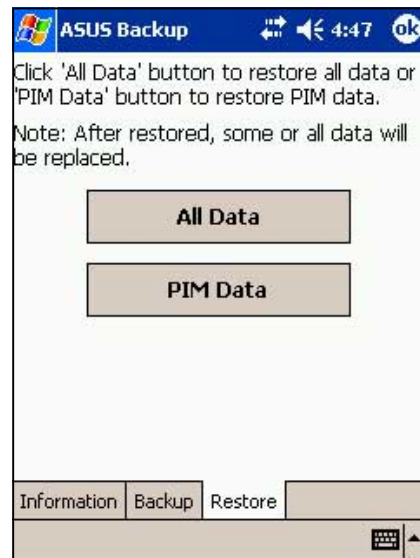


To restore all data:

1. Tap , then tap **Programs**.

NOTE If you saved your backup file into a CF memory card, you need to insert that CF memory card into the CF slot when restoring data. Otherwise, you will receive the message “No storage devices are found!”

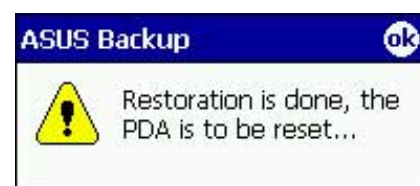
2. On the ASUS Programs screen
Tap the **ASUS Backup** icon.
When prompted, stop all running programs. See page 2-29 for instructions.
3. Tap the **Restore** tab on the ASUS Backup screen.
4. Tap **All Data**.



5. In the Backup File screen:
 - select the backup **file name** (tap the arrow to list down other backup files, if any)
 - select the **folder** that contains your backup file (optional)
 - select the storage device (**Flash Disk** or **CF card**) where you stored your backup file
6. Tap **OK** to start the restore process.



7. When the restoration is done, a message appears prompting you to reset the device.
8. Tap **OK** to reset.

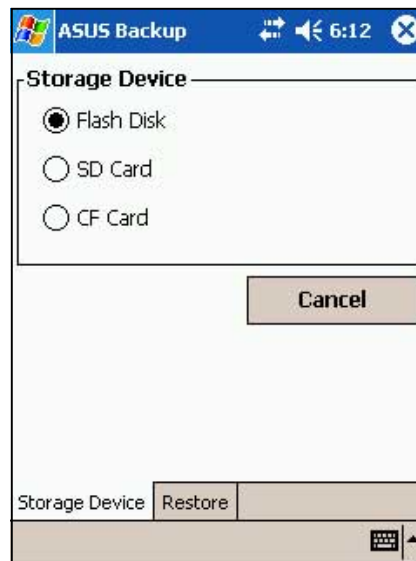


To restore PIM data:

1. On the ASUS Backup screen, tap **PIM Data**.
2. When prompted, select the storage device (**Flash Disk** or **CF card**) where you stored your backup file.

Tapping **Cancel** returns you to the previous screen.

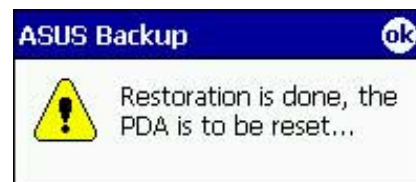
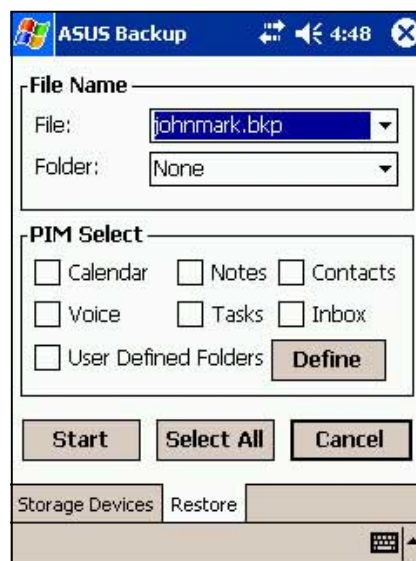
3. Tap the **Restore** tab.



4. Select the backup **file name** (tap the arrow to list down other backup files, if any).
5. Check the boxes opposite the items that you wish to restore, or tap **Select All** to select all listed items.

If you checked the box **User Defined Folders**, tap **Define** to specify the folders that you wish to restore, then tap **OK**.


6. Tap **Start** to begin the restore process.
7. When the restoration is done, a message appears prompting you to reset the device.
8. Tap **OK** to reset.

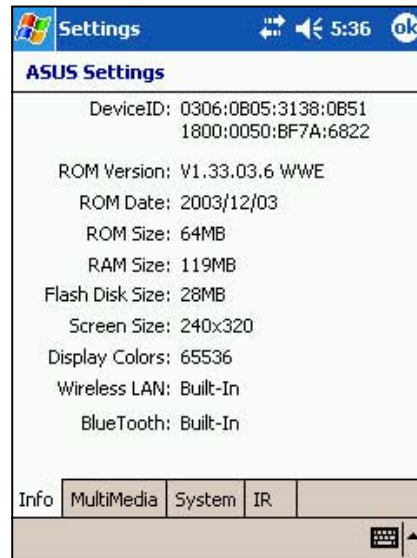


ASUS Settings

The ASUS Settings screen has four parts: Info, Multimedia, System, and IR. Each part includes items that you can customize.

To display the ASUS settings:

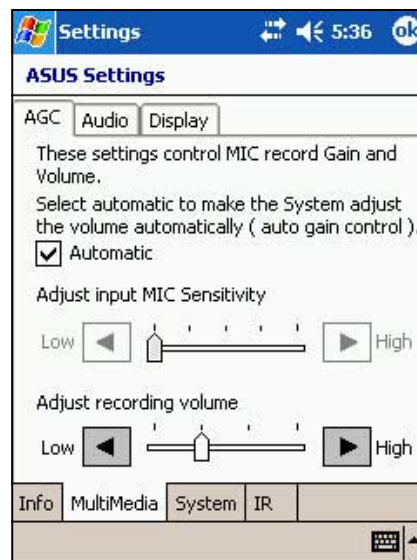
1. Tap , then tap **Settings**.
2. Tap the **System** tab on the bottom of the Settings screen.
3. Tap the **ASUS Settings** icon to display the system information screen. This screen is displayed whenever you tap the **Info** tab.



To change the Microphone settings:

Tap the **Multimedia** tab, then the **AGC** to adjust the settings for the microphone sensitivity. The AGC features allows you to adjust the recording and environment noise level.

- The **MIC Sensitivity** controls the sound recording input. Setting the slider toward the “High” sign allows for a louder recording, but the environment noise level may be louder also.
- Check the box opposite **Automatic** to adjust the recording volume automatically. To manually adjust the recording volume, drag the slider toward the “Low” or “High” sign.

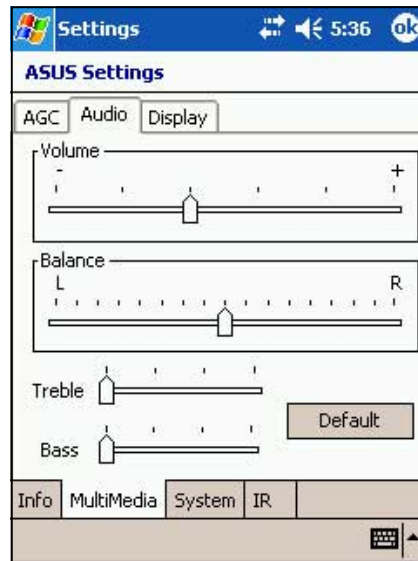


To change the Audio settings:

Tap the **Audio** tab to adjust the volume, balance, treble, and bass settings.

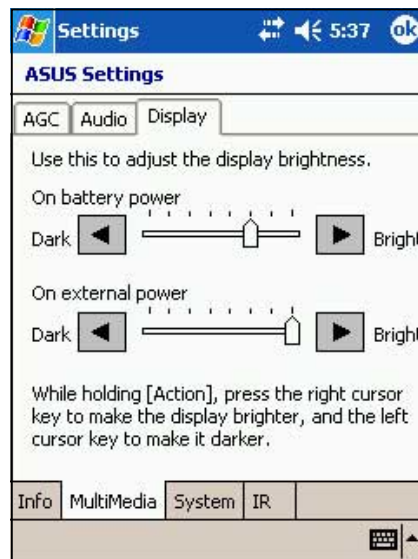
Drag the slider to the left or to the right until you achieve your desired sound output.

Tap the **Default** button to restore the default audio settings.



To change the Display settings:

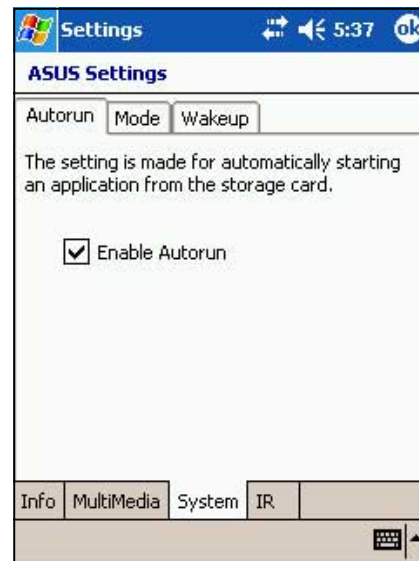
1. Tap the **Display** tab.
2. Set the degree of brightness while on battery power by **dragging the slider** to the left or to the right until you achieve your desired brightness.
3. Follow step 2 to set the degree of brightness when using external power.



NOTE Using a lower degree of brightness while on battery power substantially reduces battery power consumption.

To select Autorun Devices:

Tap the **Autorun** tab to select the source devices to execute the autorun program.



To change the operation Mode:

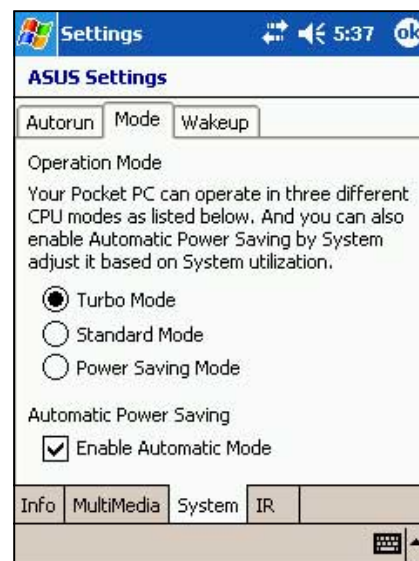
Tap the **Mode** tab to display the running mode of the CPU.

The **Turbo Mode** allows better CPU performance. In this mode, the CPU speed goes up to 400MHz. Set to this mode when playing games or playing video. However, setting to Turbo mode may reduce the battery life.

The **Standard Mode** allows for up to 300MHz CPU speed. Set to this mode when listening to MP3 audio files or for applications that do not require very fast CPU speed.

The **Power Saving Mode** sets the CPU to a fixed speed of 200MHz. Set to this mode when using text based applications such as Word, Excel, etc. This mode has a lower CPU performance but extends the battery life.

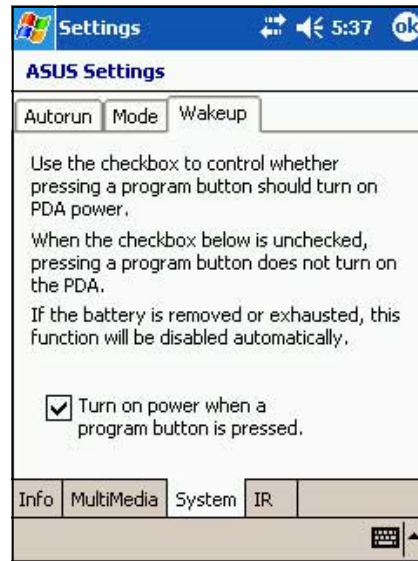
For automatic power saving, check the box opposite **Enable Automatic Mode**. This mode allows for either 200MHz, 300MHz, or 400MHz CPU speed depending on the program that you are running.



To change the Wakeup sources:

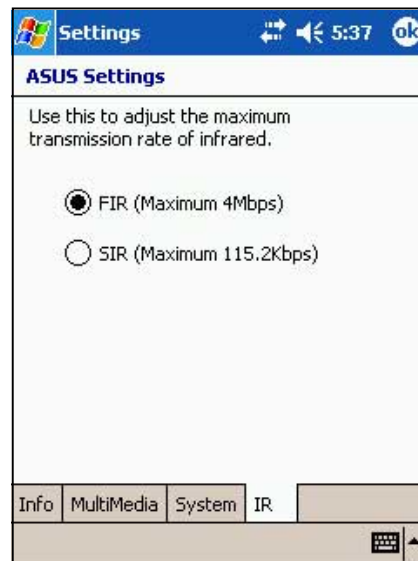
Tap the **Wakeup** tab to enable or disable the wakeup feature. Checking the box opposite **Turn on power when a program button is pressed** to enable the the feature.

Pressing any one of the function buttons on the front panel wakes up the device.



To select the transmission rate for infrared (IR):


Tap the **IR** tab to display the selection. Click FIR for a maximum of 4Mbps transfer rate, or SIR for 115.2Kbps.



Bundled programs

Your device includes the most common Windows programs and more.

To access the bundled programs:

1. Tap , then tap **Programs**.
2. Tap any of the icons to launch a specific application program.



ASUS Programs

Tapping the ASUS Programs icon displays the ASUS Backup utility, ASUS Launcher, and WiFiME program icons.

Tap the **ASUS Backup** icon if you wish to use the utility. See section “ASUS Backup” on page 2-23 for details.

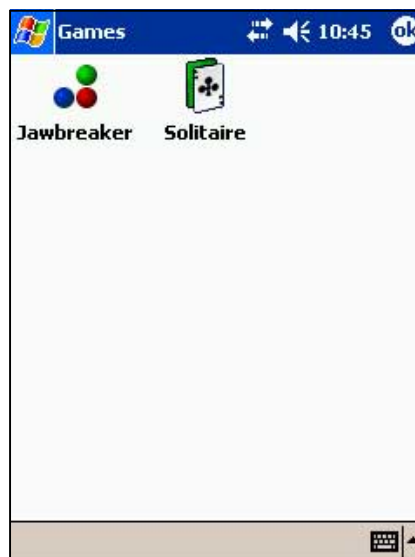
Tap the **ASUS Launcher** icon to quickly display your frequently used programs.

Tap the WiFiME icon to launch the WiFiME program. Refer to the WiFiME section in “Chapter 9 Wireless LAN.”



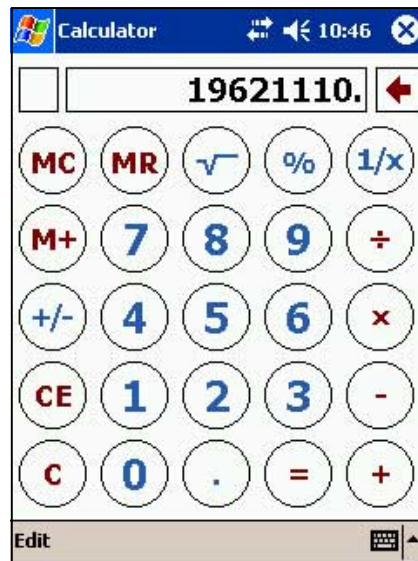
Games

Tap the Games icon to display the available games.



Calculator

Tap the Calculator icon to use the calculator.



File Explorer

Tap the File Explorer icon to access your files. See page 2-12.



Microsoft Reader

Tap the Microsoft Reader icon to download and read online books. See Chapter 5.



MSN Messenger

Tap the MSN Messenger icon to use the service. See Chapter 5.



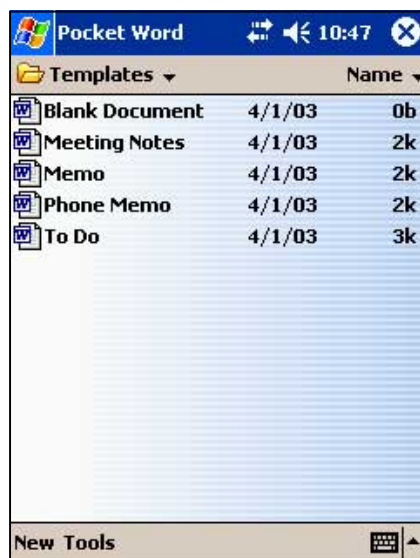
Pocket MSN

Tap the Pocket MSN icon to get connected to the Internet through the Pocket Internet Explorer. See Chapter 6.



Pocket Word

Tap the Pocket Word icon to create Pocket Word documents. See Chapter 5.



Pocket Excel

Tap the Pocket Excel icon to create spreadsheet documents. See Chapter 5.



Pictures

Tap the Pictures icon to view .jpg pictures stored on your device or on a storage card. Refer to the online help on your device for details on using this feature.



Terminal Services Client

Tap the Terminal Services Client icon to connect to a terminal server. Refer to the online help on your device for more information.



Chapter 3

Microsoft[®] ActiveSync[®]

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◆ Installing ActiveSync[®]	3-3
Installing ActiveSync [®] on your computer	3-3
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Introduction

What is ActiveSync®?

The Microsoft® ActiveSync® is one of the important bundled programs in MyPal. With ActiveSync, you can synchronize the information on your desktop computer with the information on your device. Synchronization compares the data on your device with your desktop computer and updates both computers with the most recent information.

For example:

- Keep Pocket Outlook data up-to-date by synchronizing your device with Microsoft Outlook data on your desktop computer.
- Synchronize Microsoft Word and Microsoft Excel files between your device and desktop computer. Your files are automatically converted to the correct format.

NOTE By default, ActiveSync does not automatically synchronize all types of information. Use the ActiveSync options to turn synchronization on or off for specific information types.

With ActiveSync, you can also:

- Back up and restore your device data
- Copy (rather than synchronize) files between your device and desktop computer
- Control when synchronization occurs by selecting a synchronization mode. For example, you can synchronize continually while connected to your desktop computer or only when you choose to synchronize.
- Select which information types are synchronized and control how much data is synchronized. For example, you can choose to synchronize your appointments of the past two weeks only, appointments older than two weeks are not synchronized.

For more information about using ActiveSync:

1. Start ActiveSync on your desktop computer.
2. From the Activesync menu bar, click **Help** then on **Microsoft ActiveSync Help**.

Installing ActiveSync®

The ActiveSync program is already installed on your device. To synchronize information on your device with your computer, you must also install ActiveSync on your computer. Install ActiveSync from the Companion CD that came with your product package.

NOTE Before starting the ActiveSync installation, make sure that you have Microsoft® Outlook® installed on your computer. If you do not have Outlook, install the Microsoft® Outlook® 2002 from the Companion CD. Even if you have Outlook 98 or Outlook 2000 installed, you are encouraged to update to Outlook 2002.

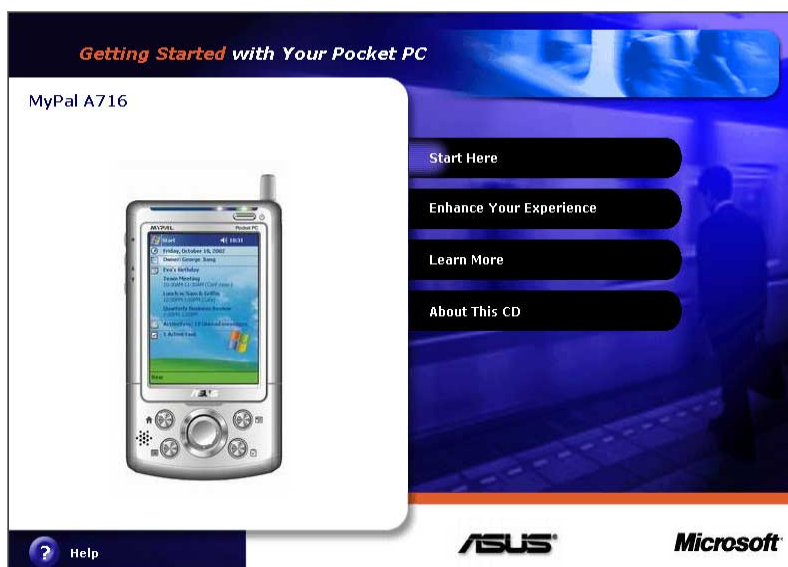
Installing ActiveSync® on your computer

To install ActiveSync on your computer:

1. Turn on your computer and monitor.

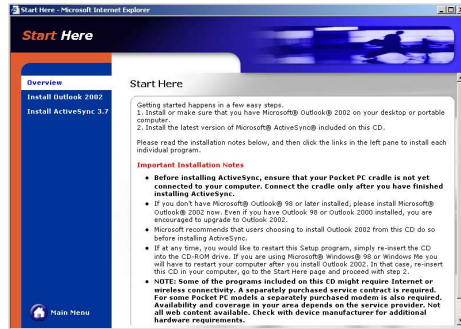
NOTE Do not connect your device to your computer until you have finished installing ActiveSync.

2. Insert the Companion CD into the CD-ROM drive of your computer. The CD autoruns and displays the initial screen, then the Main Menu from which you can start the installation.

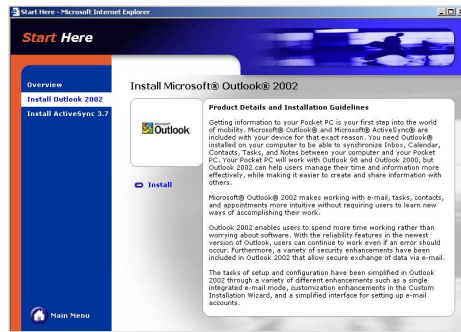


3. Click on **Start Here** from the Main Menu.

4. Read the **Overview** before installing ActiveSync 3.7 to make sure that you perform the installation sequence correctly.

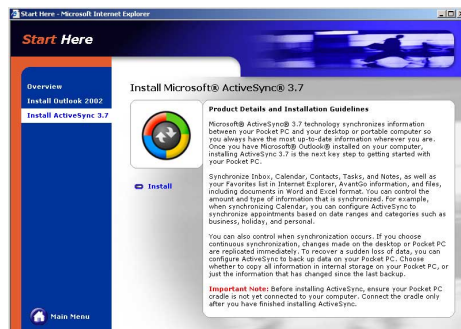


5. If you have not installed Outlook, install it now. Click **Install Outlook 2002** and follow the screen instructions to complete the installation.



6. Click **Download Connection Wizard** and read the overview to see if you require the wizard. Follow the screen instructions to install the wizard on your computer. Return to the Main Menu when done.

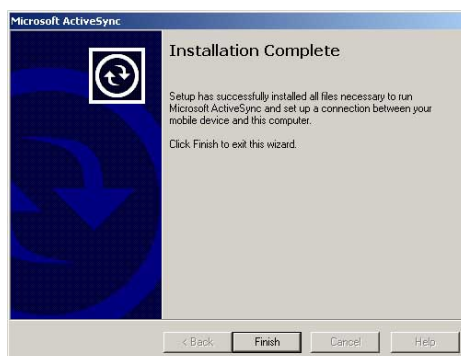
7. Click **Install ActiveSync 3.7**, then click **Install**.



8. When prompted, select **Run this program from its current location** then click **OK**.



9. Follow the succeeding screen instructions. Click **Finish** to complete the installation.



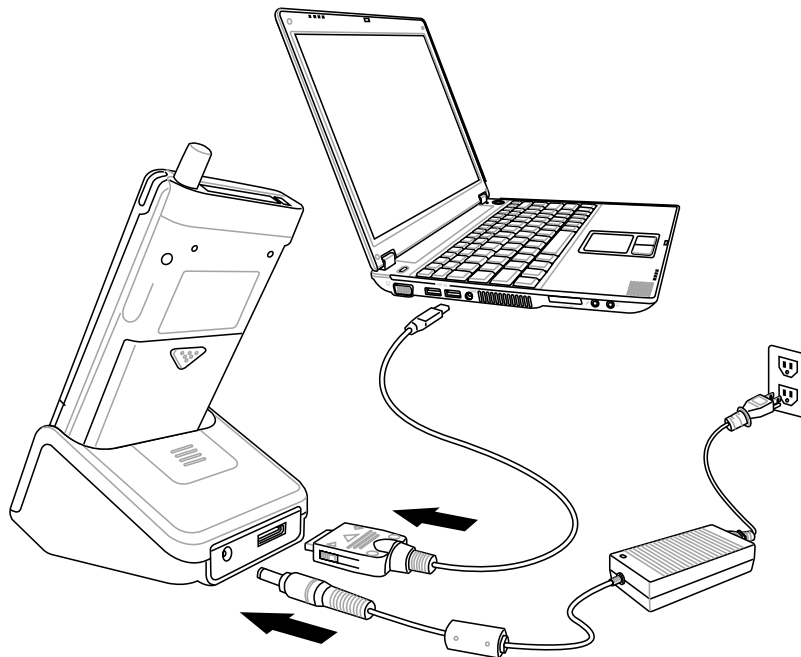
10. Restart Windows when prompted, then proceed to the next section to connect your device to your computer and start synchronization.

Synchronizing your device

Connecting your device to a computer

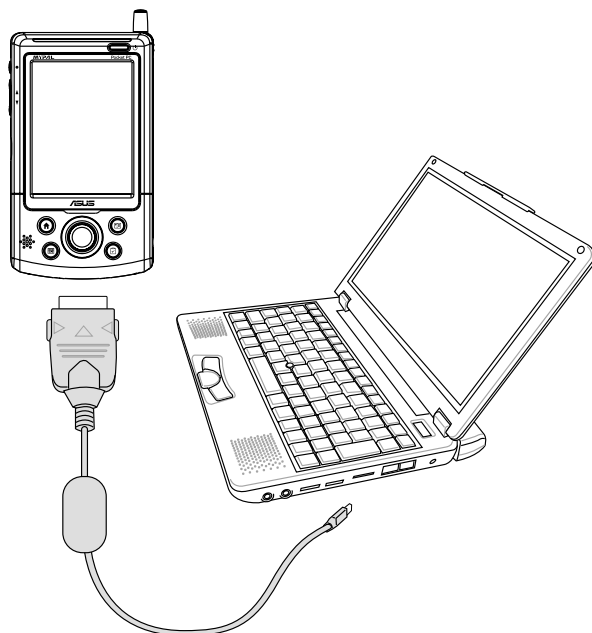
To connect your device to your computer:

1. Place the device on the cradle.
2. Connect the AC adapter to the power connector on the cradle.
3. Connect the USB sync cable from the cradle to a USB port on your computer.



To connect your device to your computer without the cradle:

1. Connect flat plug of the traveling USB sync cable to the connector at the bottom of the device.
2. Connect the other end of the cable to a USB port on your computer.



Setting up a partnership

Immediately after you have completed the installation, the **New Partnership** wizard will start automatically to help you establish a partnership and customize your synchronization settings. At this point, you can decide exactly which types of information you would like to synchronize with your computer.

*A **partnership** is a file that allows you to synchronize your device with your desktop computer. This file is stored on your desktop computer. An additional file that enables your desktop computer to recognize your device is stored on your device.*

To set up a partnership:

1. When the **New Partnership** screen appears, select **Standard partnership** for the type of partnership to establish between your device and your computer. Click **Next**.



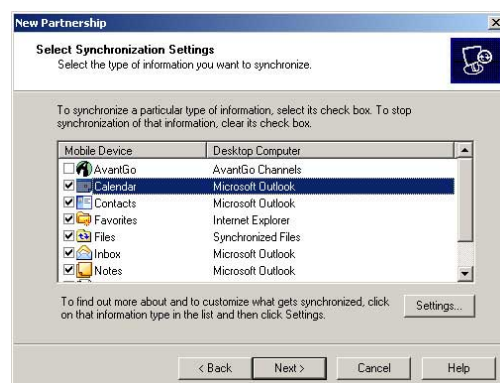
2. On the next screen, select **Synchronize with the desktop computer**. Click **Next**.



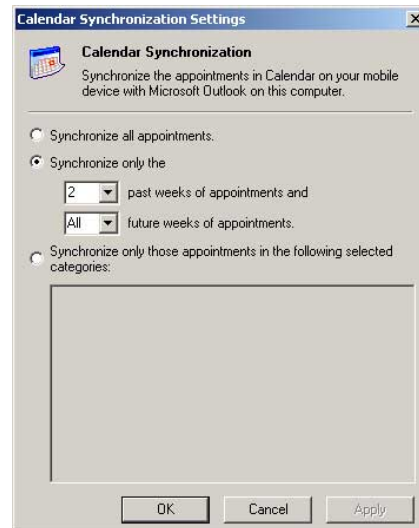
3. Select the type of information that you wish to synchronize. Click **Next**.

OR

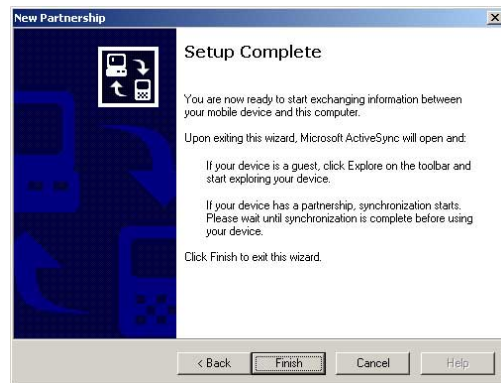
If you wish to customize a synchronized item, highlight the item then click **Settings**.



On the **Calendar Synchronization Settings** window, for example, select from the options how you wish to synchronize the appointments on your device with your computer. Click **OK**.

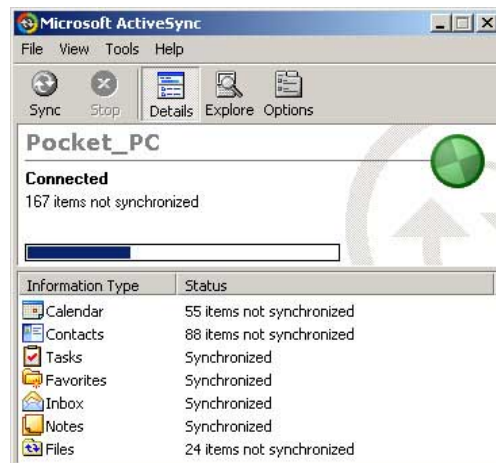


4. Click **Finish** to complete setting a partnership.



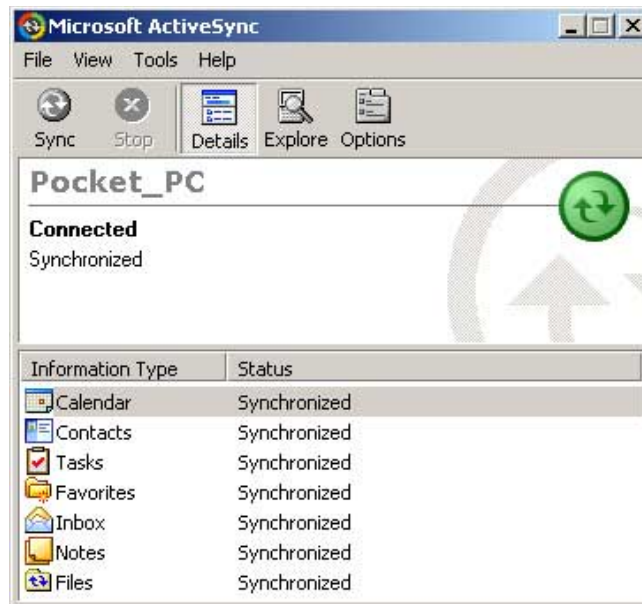
Immediately after you set up a partnership, ActiveSync® starts automatically and initiates the first synchronization between your device and your computer.

Refer to the succeeding sections for more details on synchronization.



Checking synchronized information

After your first synchronization, take a look at Calendar, Contacts, and Tasks on your device. You will notice that the calendar information in Microsoft Outlook on your computer was copied to your device, and the information that you have on your device was copied to your computer.



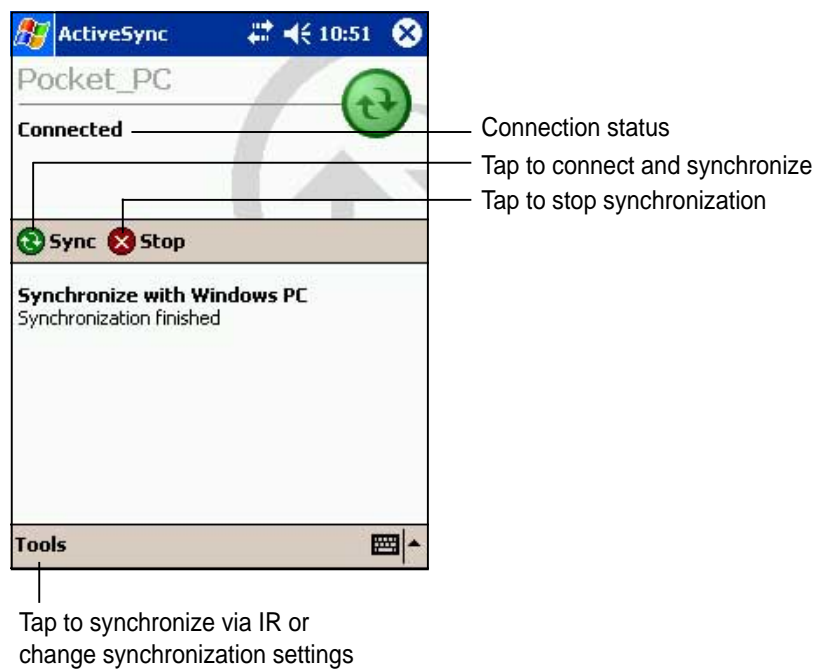
NOTE Open Microsoft Outlook on your desktop computer to see the details of copied information from your device.

Manually initiating synchronization

Once you have set up ActiveSync and completed the first synchronization process, you can initiate synchronization from your device at any time.

To manually initiate synchronization:

1. Tap , then tap **ActiveSync** to display the ActiveSync screen.



2. To start synchronization, make a connection between your device and your computer, then tap **Sync**.
To end synchronization, tap **Stop**.

For more information on synchronization:

Tap  while in the ActiveSync screen, then tap **Help**.

Synchronization options

The Microsoft ActiveSync program allows you to customize your synchronization settings at any time. You can select the items to synchronize, set the synchronization schedule, and specify the synchronization rules.

To display the synchronization options:

- From the ActiveSync window on your desktop computer, click on the **Options** icon, or
- From the menu bar, click on **Tools**, then **Options**.

To select items to synchronize:

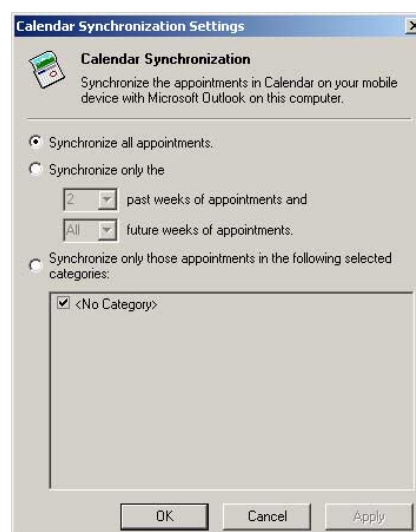
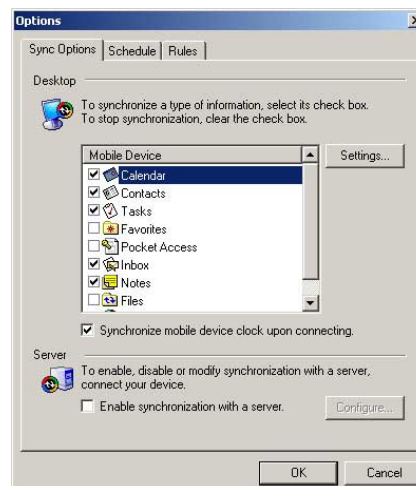
1. Check the box opposite the item that you wish to synchronize.
2. Highlight a checked item then click on **Settings** to specify synchronization options for the item.

For example, highlight **Calendar** then click on **Settings** to display the **Calendar Synchronization Settings** window. Customize the available settings, then click **OK** when done.

3. Do the same for the other checked items.

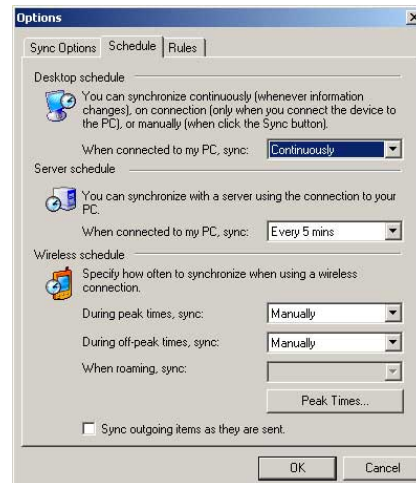
NOTE: You cannot set the options for unchecked items.

4. Click **OK** when done.



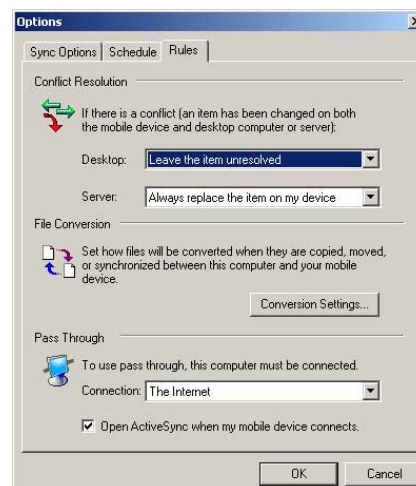
To set synchronization schedule:

1. Click on the **Schedule** tab.
2. Select your desired synchronization schedule.
3. Click **OK** when done.



To specify synchronization rules:

1. Click on the **Rules** tab.
2. Select your desired settings from the available options.
3. Click **OK** when done.



Chapter 4

Microsoft[®] Pocket Outlook

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Introduction

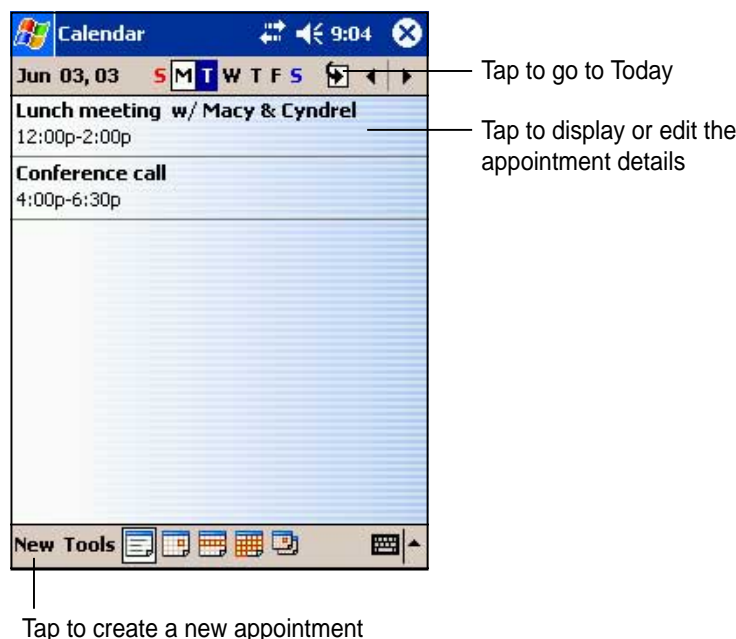
Microsoft® Pocket Outlook includes Calendar, Contacts, Tasks, Inbox, and Notes. You can use these programs individually or together. For example, e-mail address stored in Contacts can be used to address e-mail messages in Inbox.

Using ActiveSync®, you can synchronize information in Microsoft Outlook or Microsoft Exchange on your desktop computer with your device. You can also synchronize this information directly with a Microsoft Exchange server. Each time you synchronize, ActiveSync compares the changes you made on your device and desktop computer or server and updates both computers with the latest information. For information on using ActiveSync, see ActiveSync Help on your desktop computer.

You can switch to any of the Pocket Outlook programs by tapping .

Calendar: Scheduling appointments and meetings

Use Calendar to schedule appointments, including meetings and other events. You can check your appointments in one of several views (Agenda, Day, Week, Month, and Year) and easily switch views using the View menu.

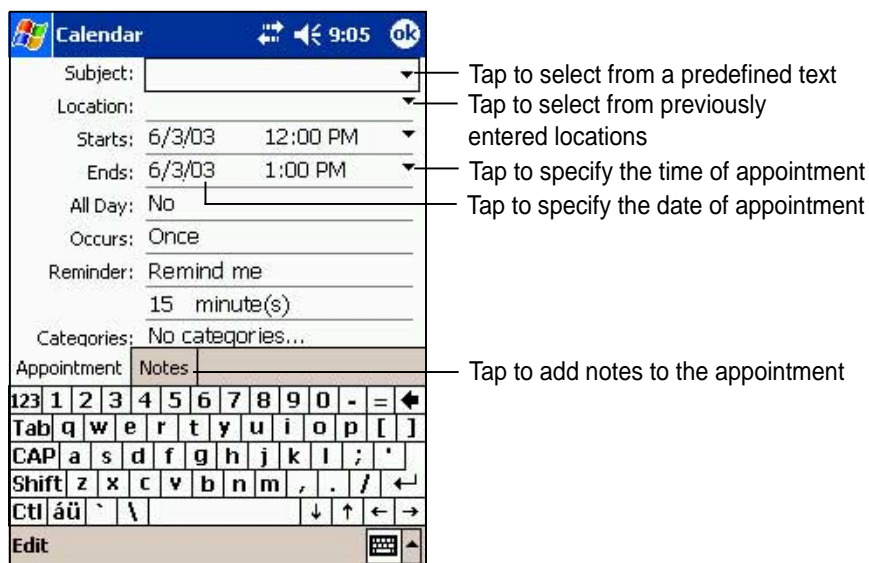


NOTE You can customize the Calendar display, such as changing the first day of the week, by tapping **Options** on the **Tools** menu.


Creating appointments

To create an appointment:

1. If you are in Day or Week view, tap your desired date for the appointment,
2. Tap **New**.

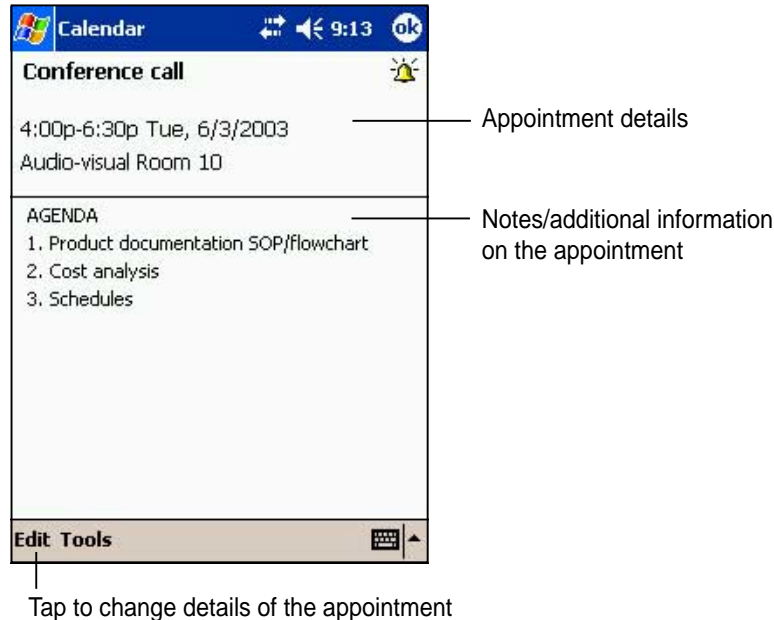


3. Using the input panel, enter a description and a location. Tap to select the field.
4. If needed, tap the date and time to change them.
5. Enter other desired information. You will need to hide the input panel to see all available fields.
6. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see the “Notes: Capturing thoughts and ideas” later in this chapter.
7. When done, tap **OK** to return to Calendar.

NOTE If you select **Remind me** in an appointment, your device will remind you according to the options set in , **Settings**, **Personal** tab, **Sounds and Notifications**.

Using the summary screen

When you tap an appointment in Calendar, a summary screen appears. To change the appointment, tap **Edit**.



Creating meeting requests

You can use Calendar to set up meetings with users of Outlook and Pocket Outlook. The meeting request will be created automatically and sent either when you synchronize Inbox or when you connect to your e-mail server.

To create a meeting request:

1. Tap **Tools** then **Options** to indicate how you want meeting requests sent.
2. If you send and receive e-mail messages through ActiveSync, select **ActiveSync**.

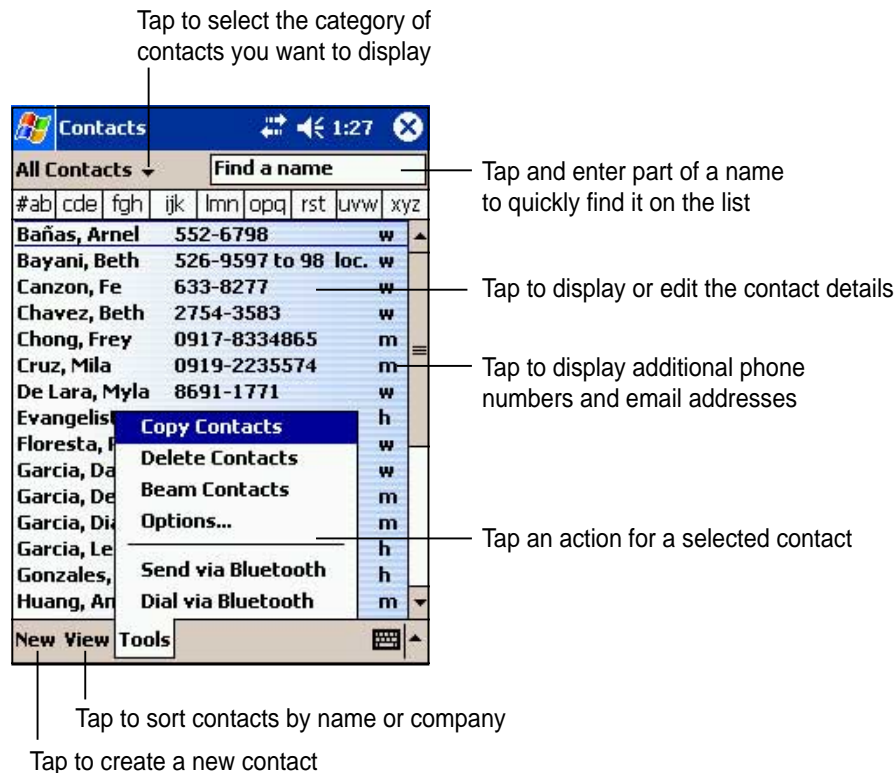
To schedule a meeting:

1. Create an appointment.
2. In the appointment details, hide the input panel, then tap **Attendees**.
3. From the list of e-mail addresses you have entered in Contacts, select the meeting attendees.

The meeting notice is created automatically and placed in the Outbox folder. For more information on sending and receiving meeting requests, see Calendar Help and Inbox Help on the device.

Contacts: Tracking friends and colleagues


Contacts maintains a list of your friends and colleagues so that you can easily find the information you look for, whether you are at home or on the road. Using the infrared port (IR) on the device, you can quickly share Contacts information with other device users.



NOTE To change the way information is displayed in the list, tap **Tools** then **Options**.

Creating contacts

To create a contact:

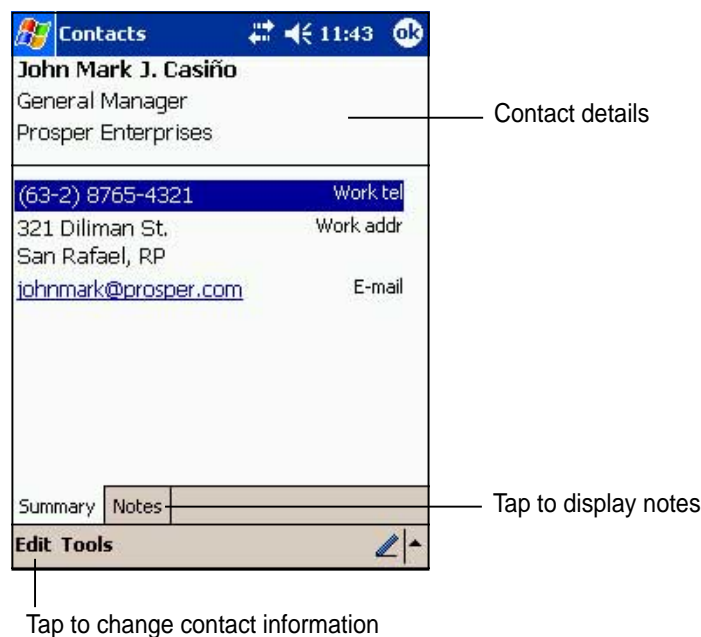
1. Tap , then tap **Contacts**.
2. Tap **New** to display a blank contact form.
3. Using the input panel, enter a name and other contact information. You will need to scroll down to see all available fields.
4. To assign the contact a category, scroll to and tap **Categories**, then select a category from the list. On the contact list, you can display the contacts by category.



5. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see “Notes: Capturing thoughts and ideas” later in this chapter.
6. Tap **OK** to return to the contact list when done.


Using the summary screen

Tapping a contact on the contact list displays a summary screen. To change the contact information, tap **Edit**.



Finding a contact

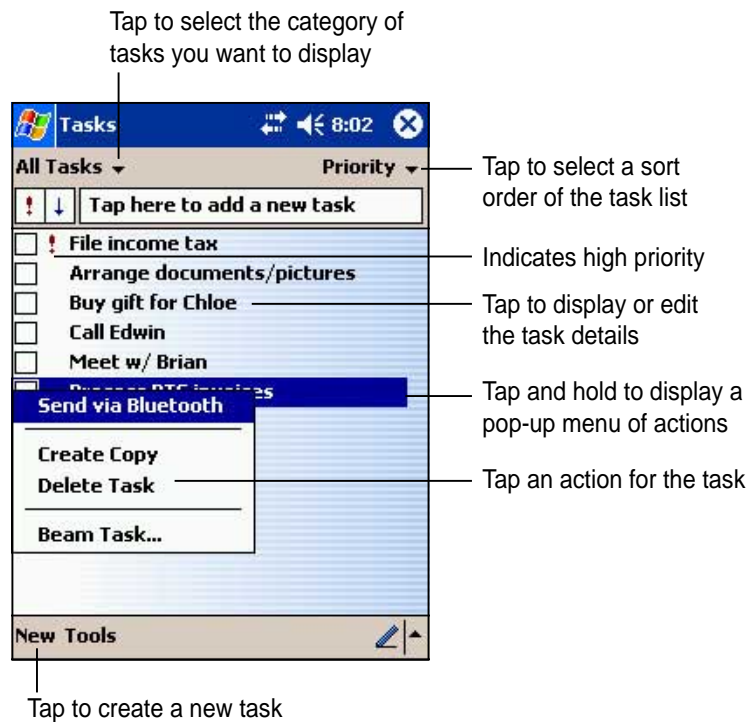
There are four ways to find a contact.

1. On the contact list, enter a contact name in the box under the navigation bar. To show all contacts again, clear text from the box or tap the button to the right of the box.
2. In the contact list, tap the category list (labeled **All Contacts** by default) and select the type of contact that you wish to display. To show all contacts again, select **All Contacts**. To view a contact not assigned to a category, select **None**.
3. To view the names of companies your contacts work for, in the contact list, tap **View > By Company**. The number of contacts that work for that company will be displayed to the right of the company name.
4. Tap , **Find**, enter the contact name, select **Contacts** for the type, and tap **Go**.




Tasks: Keeping a to do list

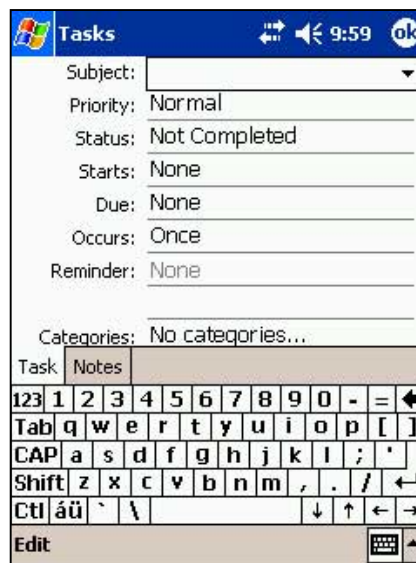
Use Tasks to keep track of what you have to do.



Creating tasks

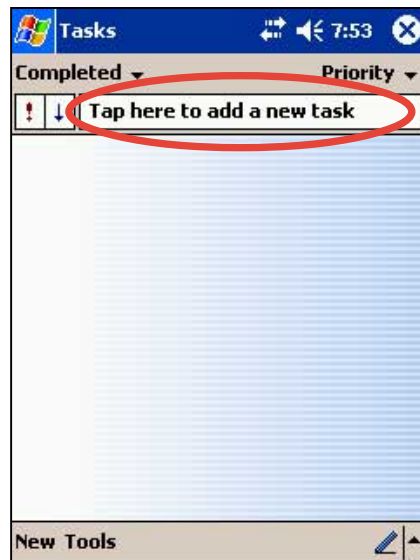
To create a task:

1. Tap , then tap **Tasks**.
2. Tap **New** to display a blank task form.
3. Using the input panel, enter a description.
4. Enter a start date and due date, or enter other information by tapping the field first. If the input panel is open, you will need to hide it to see all available fields.



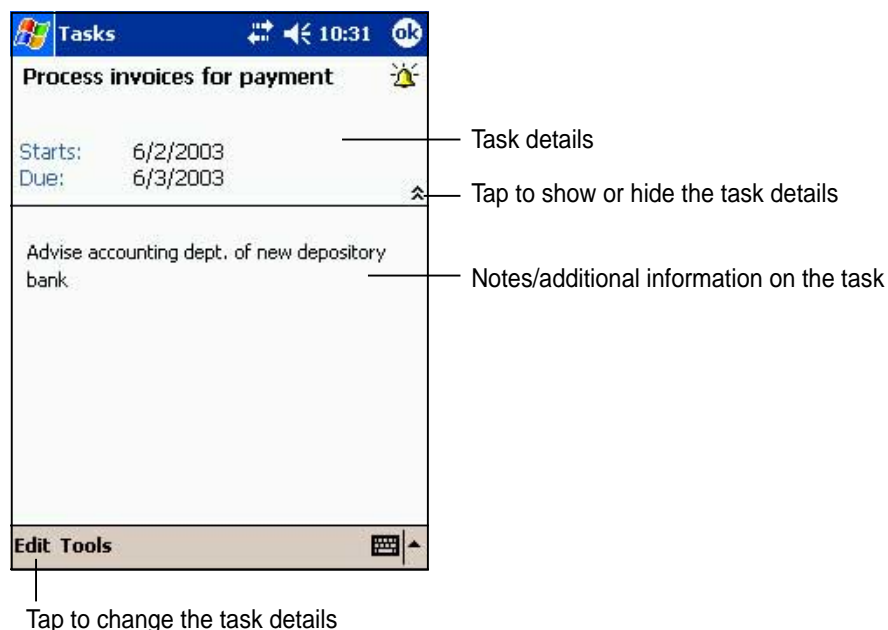
5. To assign the task to a category, tap **Categories** and select a category from the list. On the task list, you can display tasks by category.
6. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see “Notes: Capturing thoughts and ideas” later in this chapter.
7. Tap **OK** to return to the task list when done.

TIP To quickly create a task with only a subject, tap Entry Bar on the Tools menu. Tap **Tap here to add a new task** and enter your task information.



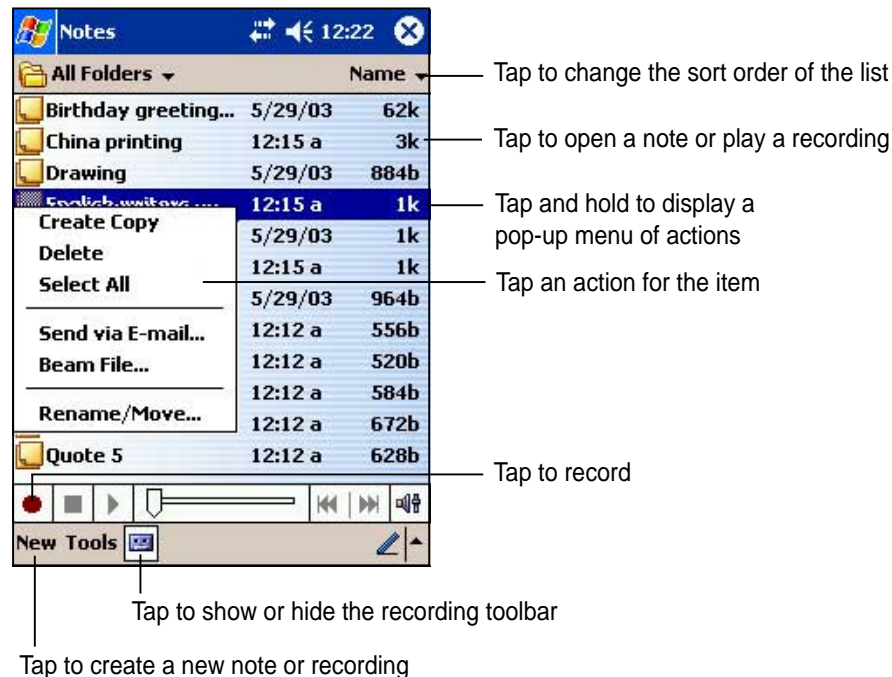
Using the summary screen

Tapping a task on the task list displays a summary screen. To change the task details, tap **Edit**.




Notes: Capturing thoughts and ideas

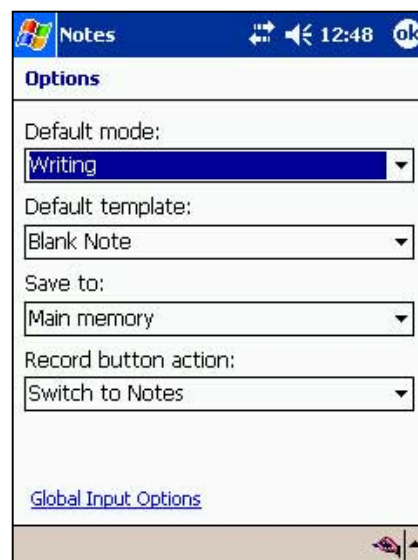
Quickly capture thoughts, reminders, ideas, and phone numbers with Notes. You can create a written note or a recording. You can also include a recording in a note. If a note is open when you create the recording, it will be included in the note as an icon. If the note is displayed, it will be created as a stand-alone recording.



You may change the default Notes options including the writing mode, template, file storage, and record button action.


To change the Notes options:

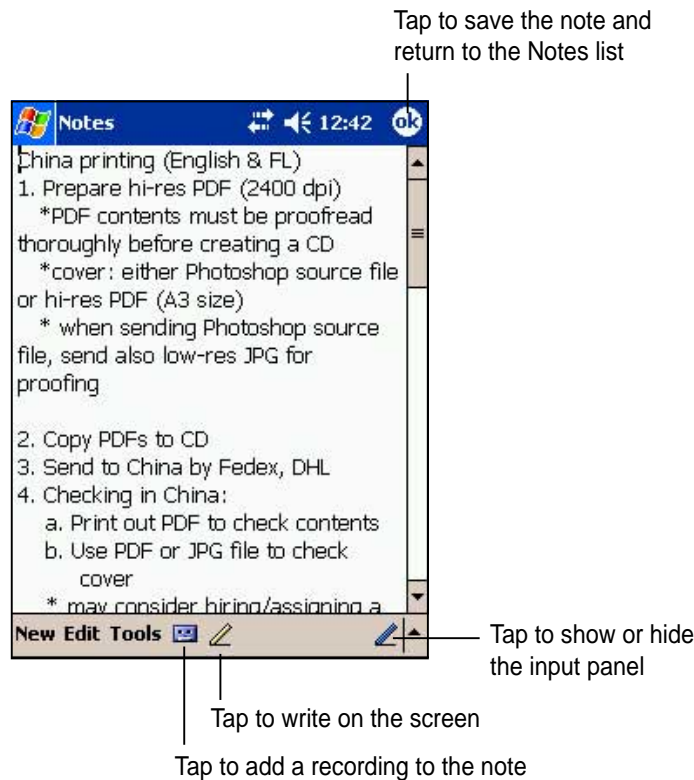
1. Tap , then tap **Notes**.
2. Tap **Tools**, then **Options...** to display the options screen.
3. Make your desired changes.
4. Click **OK**.



Creating notes

To create a note:

1. Tap , then tap **Notes**.
2. Tap **New** to display a blank note.
3. Create your note by writing, drawing, typing, or recording. For more information about using the input panel, writing and drawing on the screen, and creating recordings, see Chapter 2.



Inbox: Sending and receiving e-mail messages

Use Inbox to send and receive e-mail messages in one of these ways:

- Synchronize e-mail messages with Microsoft Exchange or Microsoft Outlook on your desktop computer
- Send and receive e-mail messages by connecting directly to an e-mail server through an Internet service provider (ISP) or a network

Synchronizing e-mail messages

E-mail messages can be synchronized as part of the general synchronization process. You will need to enable Inbox synchronization in ActiveSync. For more information on enabling Inbox synchronization, see ActiveSync Help on your desktop computer.

During synchronization:

- Messages are copied from the mail folders of Exchange or Outlook on your desktop computer to the ActiveSync folder in Inbox on your device. By default, you will receive messages from the past three days only, the first 100 lines of each message, and file attachments of less than 100KB in size.
- E-mail messages in the Outbox folder on your device are transferred to Exchange or Outlook, then send from those programs.
- E-mail messages in subfolder must be selected in ActiveSync on your desktop computer in order to be transferred.

NOTE You can also synchronize e-mail messages with your desktop computer from a remote location. For more information, see Chapter 7.

Connecting directly to an e-mail server

In addition to synchronizing e-mail messages with your desktop computer, you can send and receive e-mail messages by connecting to an e-mail server using a modem or network card connected to your device. You need to set up a remote connection to a network or an ISP, and a connection to your e-mail server. For more information, see Chapter 7.

When you connect to the e-mail server, new messages are downloaded to the device Inbox folder, messages in the device Outbox folders are sent, and messages that have been deleted on the e-mail server are removed from the device Inbox folder.

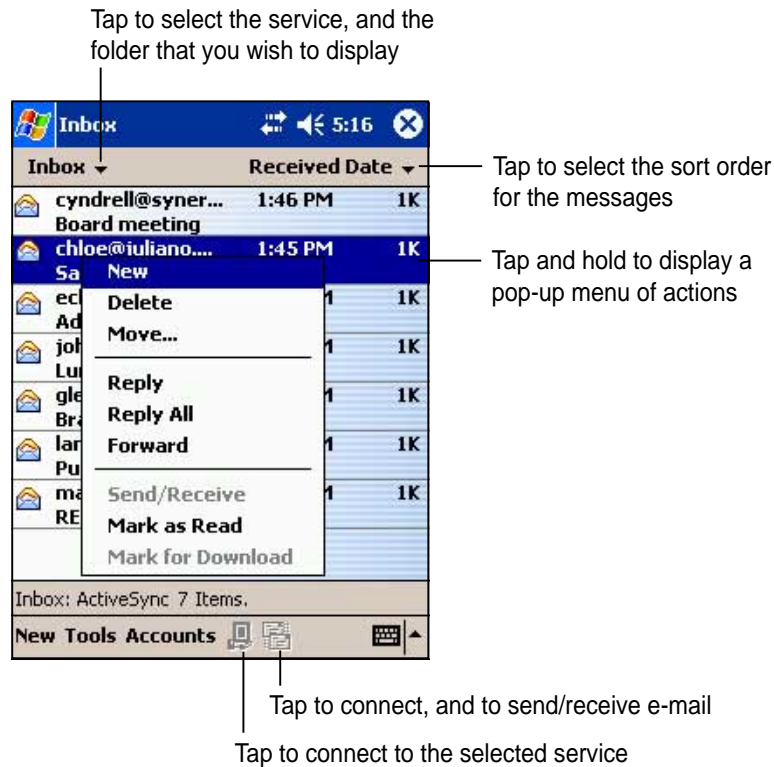
Messages that you receive directly from an e-mail server are linked to your e-mail server rather than your desktop computer. When you delete a message on your device, it is also deleted from the e-mail server the next time you connect based on the settings you selected in ActiveSync.

You can work online or offline. When working online, you read and respond to messages while connected to the e-mail server. Messages are sent as soon as you tap **Send**, which saves space in your device.

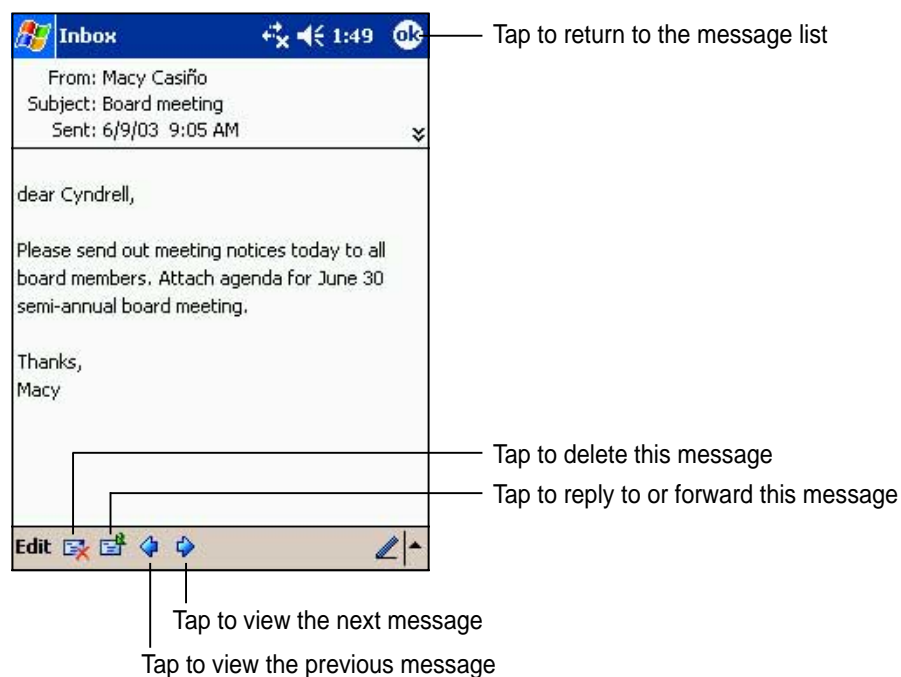
When working offline, once you have downloaded new message headers or partial messages, you can disconnect from the e-mail server and decide which messages to download completely. The next time you connect, Inbox downloads the complete messages you have marked for retrieval and sends the messages you have composed.

Using the message list

The messages you receive are displayed in the message list. By default, the most recently received messages are displayed first in the list.



When you receive a message, tap it to open. Unread messages are displayed boldface.



When you connect to your e-mail server or synchronize with your desktop computer, by default, you will receive messages from the last five days only, the first 100 lines of each new messages, and file attachments of less than 100KB in size. The original messages remain on the e-mail server or your desktop computer.

You can mark the messages that you want to retrieve in full during your next synchronization or e-mail server connection. In the message list, tap and hold the message that you want to retrieve. On the pop-up menu, tap **Mark for Download**. The icons in the Inbox message list give you visual indications of message status.

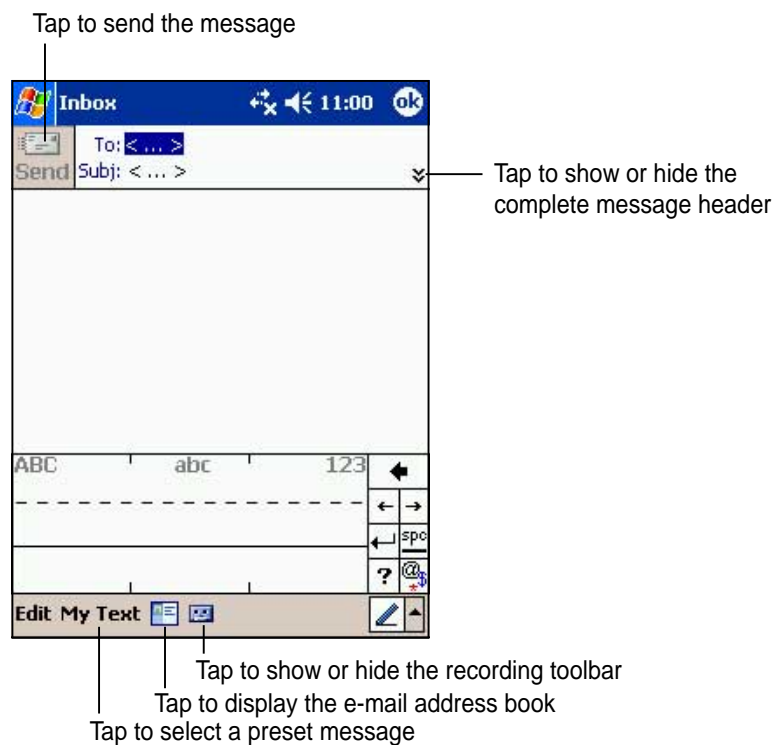
You can specify your downloading preferences when you set up the service or select your synchronization options. You can change them at any time.

- Change options for Inbox synchronization using ActiveSync options. For more information, see ActiveSync Help on your desktop computer.
- Change options for direct e-mail server connections in Inbox on your device. Tap **Tools** then **Options**. On the Service tab, tap the service that you wish to change. Tap and hold the service and select **Delete** to remove a service.

Composing messages

To compose a message:

1. Tap **New**.
2. In the **To** field, enter an e-mail or SMS address of one or more recipients, separating them with a semicolon, or select a name from the **Contacts** list by tapping the **Address Book** button. All e-mail addresses entered in the e-mail fields in Contacts appear in the Address Book.



3. Compose your message. To enter preset or frequently used messages, tap **My Text** and select a message.
4. Tap **Send** when you have finished the message. If you are working offline, the message is moved to the Outbox folder and will be sent the next time you connect.



Managing e-mail messages and folders

The behavior of the folders you create depends on whether you are using ActiveSync, SMS, POP3, or IMAP4.


- If you use ActiveSync, e-mail messages in the Inbox folder in Outlook will automatically be synchronized with your device. You can select to synchronize additional folders by designating them for ActiveSync. The folders you create and the messages you move will then be mirrored on the server. For example, if you move two messages from the Inbox folder to a folder named Family, and you have designated Family for synchronization, the server creates a copy of the Family folder and copies the messages into that folder. You can then read messages while away from your desktop computer.
- If you use SMS, messages are stored in the Inbox folder.
- If you use POP3 and you move e-mail messages to a folder you created, the link is broken between the messages on the device and their copies on the mail server. The next time you connect, the mail server will see that the messages are missing from the device Inbox and delete them from the server. This prevents you from having duplicate copies of a message, but it also means that you will no longer have access to messages that you move to folders created from anywhere except the device.
- If you use IMAP4, the folders you create and the e-mail messages you move are mirrored on the server. Therefore, messages are available to you anytime you connect to your mail server, whether it is from your device or desktop computer. This synchronization of folders occurs whenever you connect to your mail server, create new folders, or rename/delete folders when connected.

Chapter 5

Companion programs

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The companion programs consist of Microsoft® Pocket Word, Microsoft® Pocket Excel, MSN Messenger, Windows Media™ Player for Pocket PC, and Microsoft® Reader.

To switch to a companion program on your device, tap **Programs** on the  menu, then tap the program that you wish to open.


Pocket Word

Pocket Word works with Microsoft Word on your desktop computer to give you easy access to copies of your documents. You can create new documents on your device, or you can copy documents from your desktop computer to your device. Synchronize documents between your desktop computer and your device so that you have the most up-to-date content in both locations.

Use Pocket Word to create documents, such as letters, meeting minutes, or trip reports.

Creating Pocket Word documents

To create a new Word document:

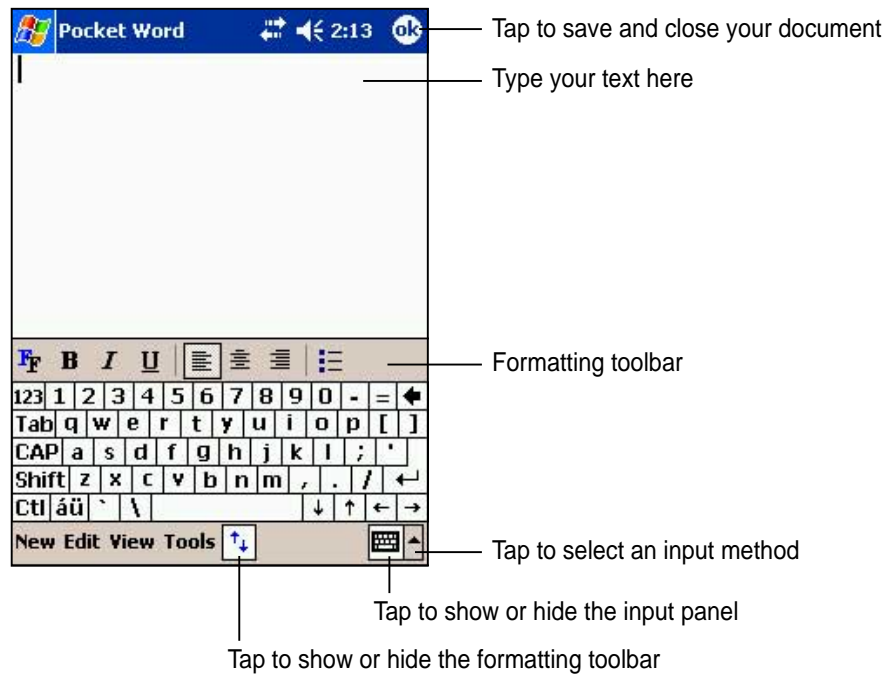
1. Tap , tap **Programs**, tap **Pocket Word** to launch the application.

If you have existing Microsoft Word or Pocket Word documents in your device, a list of the documents appears.



NOTE If you selected a template for new documents in the **Options** dialog box, that template appears with the appropriate text and formatting already provided.

2. Tap **New** to display a blank document.
3. Use any of the tools in the input panel to type your text.

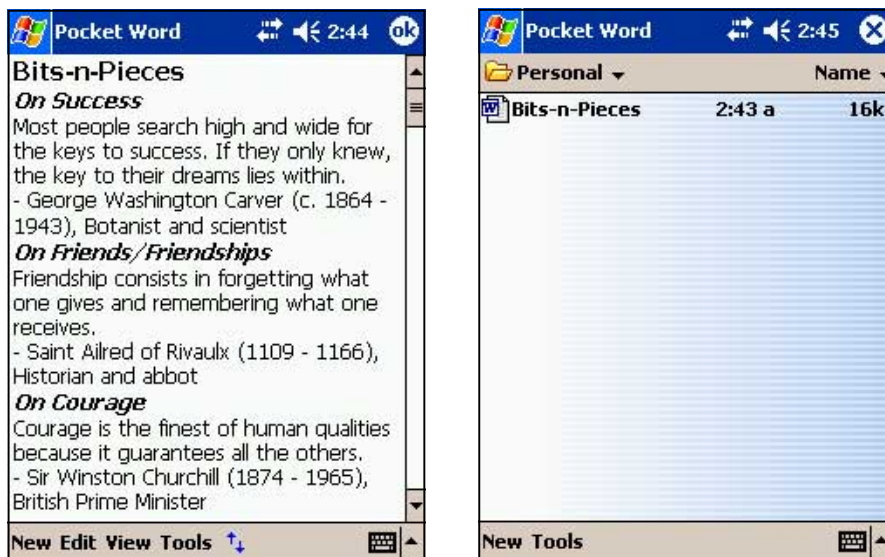


Saving Pocket Word documents

To save a Pocket Word document:

When you have finished editing your document, tap **OK**.

The document is saved using the first line as file name if you did not specify a file name. For example, if your first line in the document has the words **Bits-n-Pieces**, these words appear in your Word documents list.



To specify save options:

1. With the document open, tap **Tools**.
2. From the pop-up menu, tap **Save Document As...** to display the **Save As** screen.
3. Change the file name by simply typing a new one in the **Name** field.
4. Tap the down arrow in the **Folder** field to select a folder where you wish to place the file.

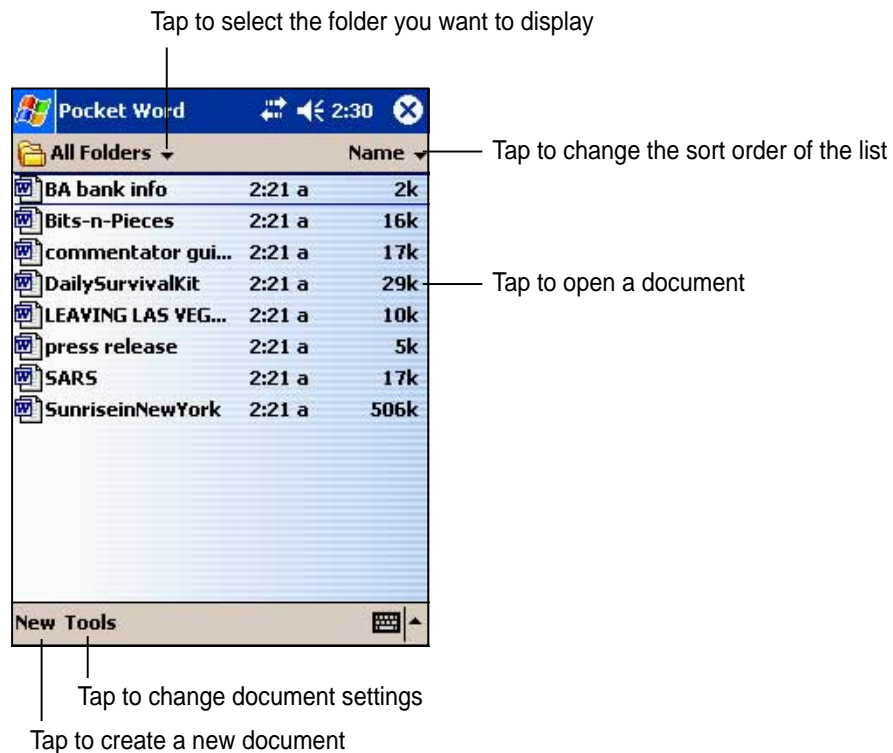


5. Tap the down arrow in the **Type** field to select a file format.
You can save the document you create or edit in a variety of formats:
 - Word (.doc)
 - Pocket Word (.psw)
 - Rich Text Format (.rtf)
 - Plain Text (.txt)
6. Tap the down arrow in the **Location** field to indicate the location of your saved file, either in the main memory of your device, or in a storage card, if available.
7. Tap **OK** when done.

NOTE If you do not wish to change the document format, but would like to change the file name, folder, and location of your document, simply tap **Edit** from the command bar, then tap **Rename/Move...** from the pop-up menu to make your changes.

Opening an existing Pocket Word document

Pocket Word contains a list of the files stored on your device. Tap a file in the list to open. To delete, make copies of, and send files, tap and hold a file in the list, then select the appropriate action on the pop-up menu.



NOTE You can open only one Pocket Word document at a time; when you open a second document, you will be asked to save the first.

Modes of entering information

You can enter information in Pocket Word in one of four modes (typing, writing, drawing, or recording), which are displayed on the **View** menu. Each mode has its own toolbar that you can show or hide by tapping the **Show/Hide Toolbar** button on the command bar.

If you are opening a Word document created on a desktop computer, select **Wrap to Window** on the **View** menu so that you can see the entire document.

To change the zoom magnification:

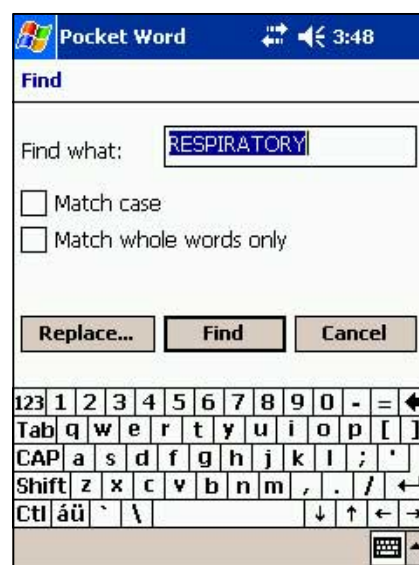
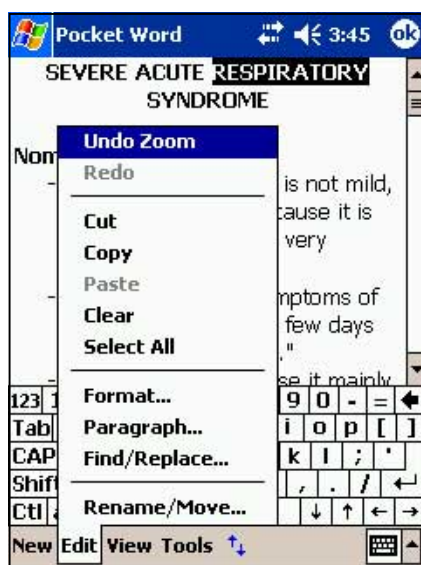
1. Tap **View**, then tap **Zoom**.
2. Select your desired percentage.

Select a higher percentage to enter text and lower one to see more of your document.

Typing Mode

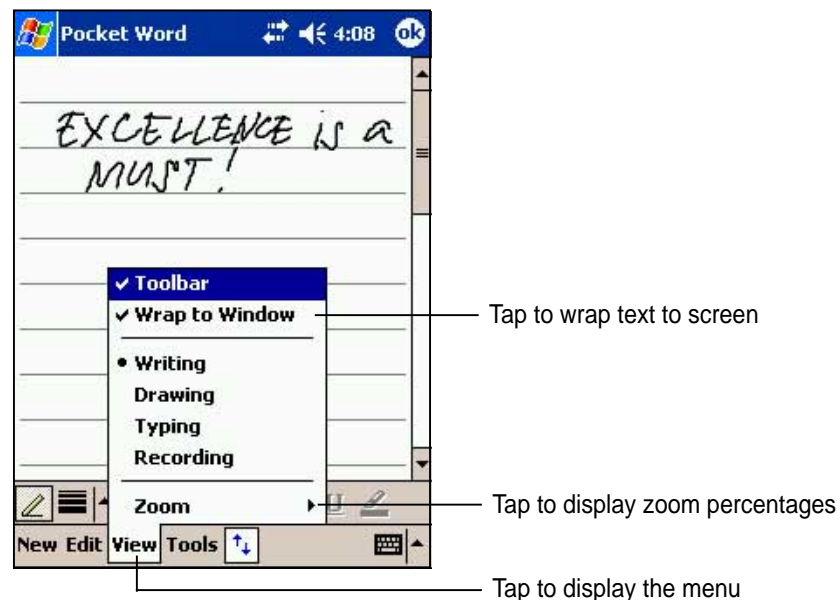
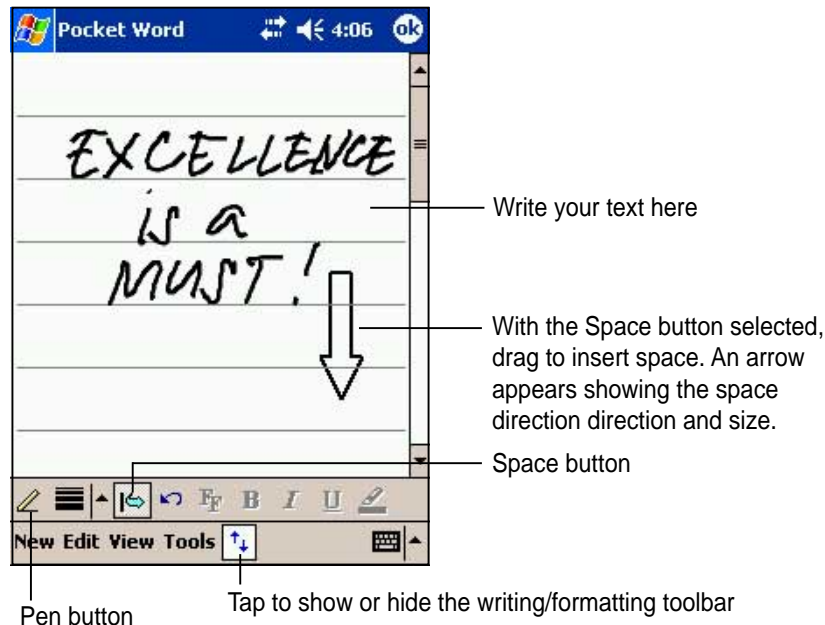
Using the input panel, enter typed text into the document. For more information on entering typed text, see Chapter 2.

To format existing text and to edit text, first select the text. You can select text as you do in a Word document, using your stylus instead of the mouse to drag through the text you want to select. You can search a document to find text by tapping **Edit** and **Find/Replace**.



Writing mode

In writing mode, use your stylus to write directly on the screen. Ruled lines are displayed as a guide, and the zoom magnification is greater than in typing mode to allow you to write more easily. For more information on writing and selecting writing, see Chapter 2.

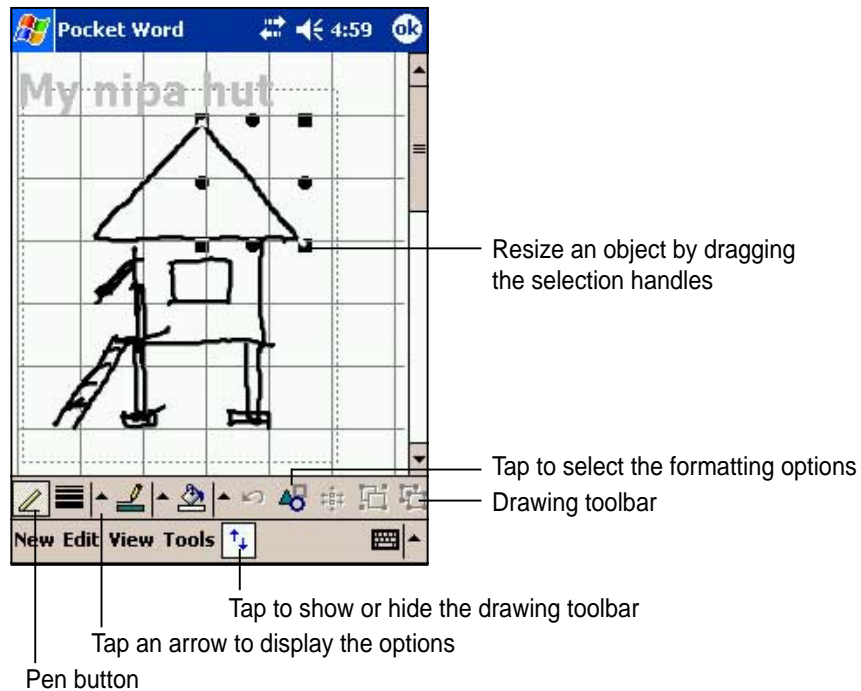


NOTE If you cross three ruled lines in a single stylus stroke, the writing becomes a drawing, and can be edited and manipulated as described in the next section.

Written words are converted to graphics (metafiles) when a Pocket Word document is converted to a Word document on your desktop computer.

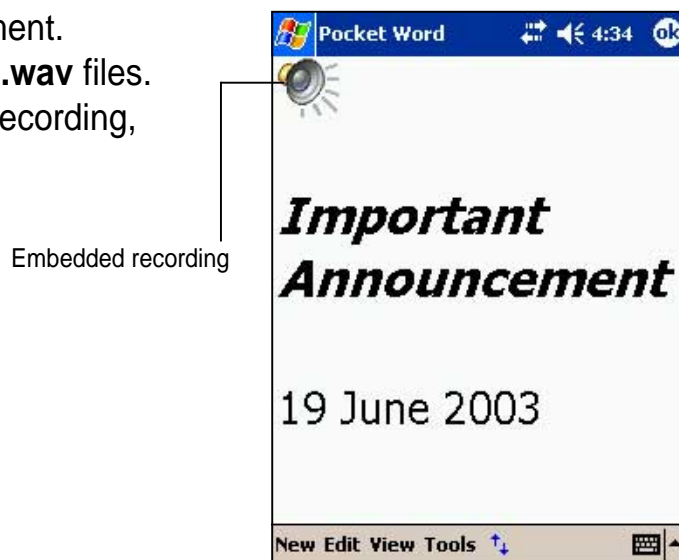
Drawing mode

In drawing mode, use your stylus to draw on the screen. Gridlines appear as a guide. When you lift your stylus off the screen after the first stroke, you will see a drawing box indicating the boundaries of the drawing. Every subsequent stroke within or touching the drawing box becomes part of the drawing. For more information on drawing and selecting drawings, see Chapter 2.



Recording mode

In recording mode, embed a recording into your document. Recordings are saved as **.wav** files. For more information on recording, see Chapter 2.



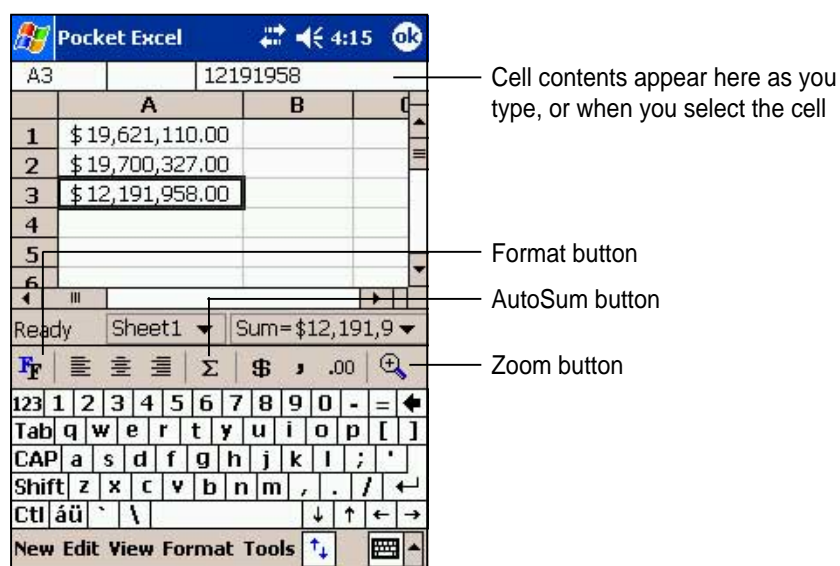
Pocket Excel

Pocket Excel works with Microsoft Excel on your desktop computer to give you easy access to copies of your workbooks. You can create new workbooks on your device, or you can copy workbooks from your desktop computer to your device. Synchronize workbooks between your desktop computer and your device so that you have the most up-to-date contents in both locations.

Use Pocket Excel to create workbooks, such as expense reports and mileage logs.

Pocket Excel contains a list of the files stored on your device. Tap a file in the list to open. To delete, make copies of, and send files, tap and hold a file in the list, then select the appropriate action on the pop-up menu.


Pocket Excel provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering. To display the toolbar, tap **View**, then tap **Toolbar**.



NOTE You can open only one Pocket Excel document at a time; when you open a second document, you will be asked to save the first.

Creating Pocket Excel documents

To create a new Excel document:

1. Tap , tap **Programs**, tap **Pocket Excel**.
2. Tap **New** to display a blank document.

If you selected a template for new documents in the **Options** dialog box, that template appears with the appropriate text and formatting already provided.



Saving Pocket Excel documents

To save an Excel document:

When you have finished editing your document, tap **OK**.

By default, your document is saved as **Book1** as file name. You can change the file name to one that is more descriptive of your document. See next section for saving options.



	A	B	C
1	Date	Account	Sales
2	11-Oct	Macy	\$ 1,986.00
3	22-Feb	Cyndrell	\$ 1,988.00
4	27-May	John Mark	\$ 1,995.00
5	28-Mar	Gleanne	\$ 1,998.00
6	31-Oct	Lanz	\$ 2,001.00
7	3-Jul	Chloe	\$ 2,002.00
8			
9			
10			

The screenshot shows the Pocket Excel application interface. The spreadsheet has columns labeled A, B, and C, and rows numbered 1 through 10. The data in the spreadsheet is as follows:

	A	B	C
1	Date	Account	Sales
2	11-Oct	Macy	\$ 1,986.00
3	22-Feb	Cyndrell	\$ 1,988.00
4	27-May	John Mark	\$ 1,995.00
5	28-Mar	Gleanne	\$ 1,998.00
6	31-Oct	Lanz	\$ 2,001.00
7	3-Jul	Chloe	\$ 2,002.00
8			
9			
10			

The status bar at the bottom shows 'Ready', 'Sheet1', and 'Sum=0'. The bottom menu includes 'New Edit View Format Tools'.



To specify save options:

1. With the document open, tap **Tools**.
2. From the pop-up menu, tap **Save Workbook As...** to display the **Save As** screen.
3. Change the file name by simply typing a new one in the **Name** field.
4. Tap the down arrow in the **Folder** field to select a folder where you wish to place the file.



5. Tap the down arrow in the **Type** field to select a file format.
You can save the document you create or edit in a variety of formats:
 - Pocket Excel (.pxl)
 - Excel (.xls)
6. Tap the down arrow in the **Location** field to indicate the location of your saved file, either in the main memory of your device, or in a storage card, if available.
7. Tap **OK** when done.

NOTE If you do not wish to save your workbook to a different format, but would like to change the file name, folder, and location of your document, simply tap **Edit** from the command bar, then tap **Rename/Move...** from the pop-up menu to make your changes.

Securing your Excel document

If your workbook contains sensitive or confidential information, you can protect it with a password.

To set a password for your workbook:

1. Open the workbook.
2. Tap **Edit** from the command bar, then tap **Password...** to display the password setting screen.
3. Type a password in the **Password** field.
4. Re-type the password in the **Verify Password** field.
5. Tap **OK** when done.



If you have set a password for your workbook, a password screen appears asking you to type your password whenever you try to open the workbook.

Type your password, then tap **OK**. If you type in a wrong password, a message appears telling you so.



NOTE DO NOT forget your password! You can not open your workbook unless you type in the correct password.

Tips for working in Pocket Excel

Take note of the following when working in large worksheets in Pocket Excel:

- **View in full-screen mode** to see as much of your worksheet as possible. Tap **View**, then tap **Full Screen**. To exit full-screen mode, tap **Restore**.
- **Show and hide window elements**. Tap **View**, then tap the elements to show or hide.
- **Freeze panes on a worksheet**. First select the cell where you want to freeze panes. Tap **View**, then tap **Freeze Panes**. You might want to freeze the top and leftmost panes in a worksheet to keep row and column labels visible as you scroll through a sheet.
- **Split panes** to view different areas of a large worksheet. Tap **View**, then tap **Split**. Drag the split bar to where you want it. To remove the split, tap **View**, then tap **Remove Split**.
- **Show and hide rows and columns**. To hide a row or column, select a cell in the row or column that you want to hide. Tap **Format**, then tap **Row** or **Column**, and tap **Hide**. To show a hidden row or column, tap **Tools**, then tap **Go To**, and type a reference that is in the hidden row or column. Tap **Format**, then tap **Row** or **Column**, and tap **Unhide**.

For more information on using Pocket Excel, tap , then tap **Help**.

MSN Messenger

MSN Messenger on your device is an instant messaging program that allows you to:

- See who is online
- Send and receive instant messages
- Have instant message conversations with groups of contacts

To use MSN Messenger:


You must have a **Microsoft Passport™ account** or a **Microsoft Exchange e-mail account**.

You must have a Passport to use the MSN Messenger Service. If you have a Hotmail® or MSN account, you already have a passport. Once you have obtained either a Microsoft Passport or Microsoft Exchange account, you are ready to set up your account.

Sign up for a Microsoft Passport account at <http://www.passport.com>.

Get a free Microsoft Hotmail e-mail address at <http://www.hotmail.com>.

To launch MSN Messenger:

1. Tap , then tap **Programs**.
2. Tap **MSN Messenger**.



Signing up

To sign in to MSN Messenger service:

1. Tap **Tools** then tap **Sign in...** from the menu.
OR
Simply tap the **Tap here to sign in** area.



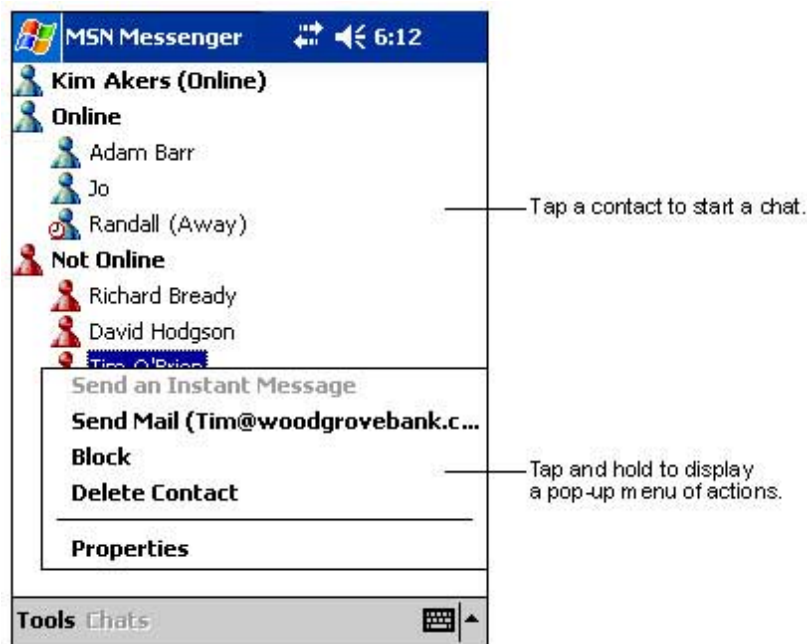
2. In the sign-in screen, enter your e-mail address and password.
Tap **Sign In**.



NOTE If you already use MSN Messenger on your desktop computer, your contacts will show up on your device without being added again.

Working with contacts

The MSN Messenger window shows all of your messenger contacts at a glance, divided into **Online** and **Not Online** categories. From this view, while connected, you can chat, send an e-mail, block the contact from chatting with you, or delete contacts from your list using the pop-up menu.

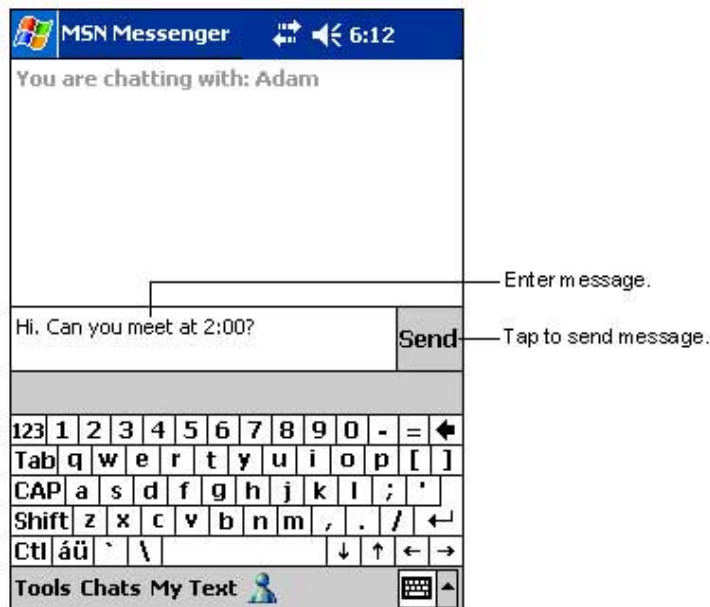


To see others online without being seen, tap **My Status** in the **Tools** menu and select **Appear Offline**.


If you block a contact, you will appear offline but will remain on the blocked contact's list. To unblock a contact, tap and hold the contact, then tap **Unblock** on the pop-up menu.

Chatting with contacts

Tap a contact name to open a chat window. Enter your message in the text entry area at the bottom of the screen, or tap **My Text** to enter a preset message, then tap **Send**. To invite another contact to a multi-user chat, tap **Invite** in the **Tools** menu, then tap the contact that you want to invite.




NOTE To switch back to the main window without closing a chat, tap the **Contacts** button. To go back to your chat window, tap **Chats** and select the person whom you were chatting with.

To know if the contact you are chatting with is responding, look for the message under the text entry area. For more information on using MSN Messenger, tap , then tap **Help**.




Windows Media Player for Pocket PC

Use Microsoft® Windows Media Player for Pocket PC to play digital audio and video files that are stored on your device or on a network. To switch to Windows Media Player for Pocket PC, tap , tap **Programs**, then tap **Windows Media**.



Use Microsoft Windows Media Player on your desktop computer to copy digital audio and video to your Pocket PC. You can play Windows Media and MP3 files on your Pocket PC.

For more information on using Windows Media Player for Pocket PC, tap , then tap **Help**.

Microsoft Reader


Use Microsoft Reader to read eBooks on your device. Download books to your desktop computer from your favorite eBook web site. Then, use ActiveSync to copy the book files to your activated device. The books appear in the Reader Library.

Each book consists of a cover page, an optional table of contents, and the pages of the book. You can:

- Page through the book using the Up/Down control on your device, or by tapping the page number on each page.
- Annotate the book with highlighting, bookmarks, notes, and drawings.
- Search for text and look up definitions for words.

The Guidebook contains all the information that you need to use the software. To open the Guidebook, tap **Help** on the **Reader** command bar. Or, on a book page, tap and hold on the book title, then tap **Help** on the pop-up menu.

To launch Microsoft Reader:

1. Tap , then tap **Programs**.
2. Tap **Microsoft Reader**.



Getting books on your device

You can download book files from the Web. Just visit your favorite eBook retailer and follow the instructions to download the book files.

Sample books and a dictionary are also included in the **MSReader** folder in the **Extras** folder on the **Pocket PC Companion CD**.

Use ActiveSync to download the files from your desktop computer to your activated device as described in the Read Me file in the MSReader folder.

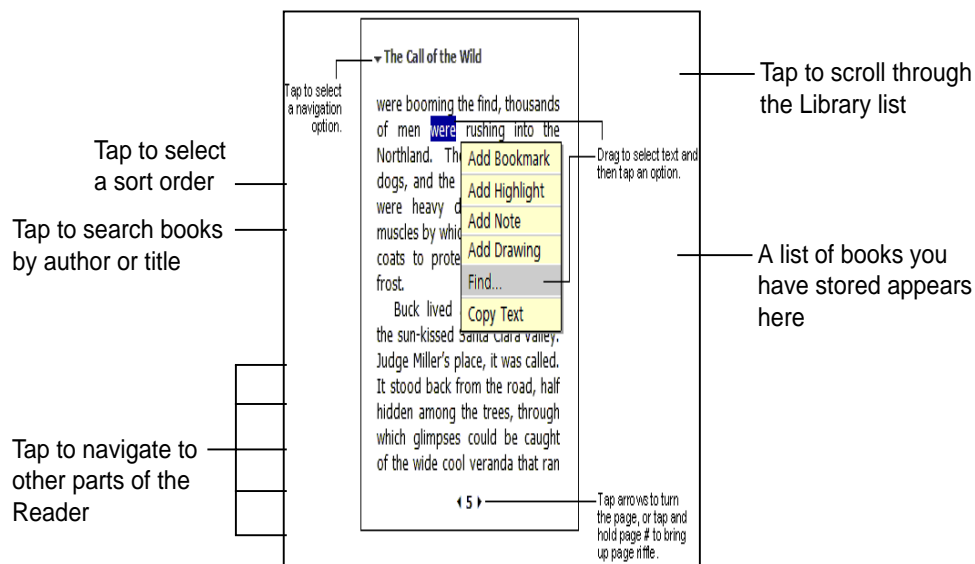
Using the Library

The Library is your Reader home page. It displays a list of all books stored on your device or storage card.

To open the library:

1. On the Reader command bar, tap **Library**.
2. On a book page, tap the book title, then tap **Library** on the pop-up menu.

To open a book, tap its **title** on the Library list.

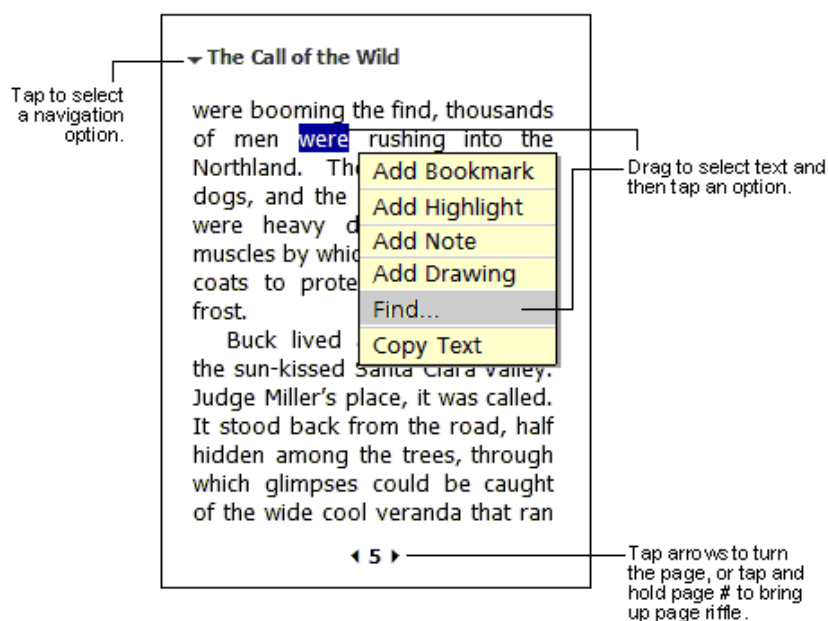


Reading a book

Each book consists of a cover page, and optional table of contents, and the pages of the book. Navigation options are listed in the bottom portion of the cover page.

The first time you open a book, you will probably want to go to the first page or to the table of contents, if there is one. Subsequently, whenever you open a book, you will be automatically taken to the last page read.

In addition to the text, each book page includes a page number and the book title.



You can also page through a book using the Up/Down control on your device.

Using Reader features

Reading a book electronically gives you several options not available with paper books. These options are available from any book page.

Select text by dragging across the text on the page. Then, tap an option on the pop-up menu, as described below.

- **Search for Text.** Find text in a book by tapping **Find** on the pop-up menu. Enter the word you want to search for, and tap the desired **Find** option. Reader highlights found text on the page. To close Find, tap outside the box. To return to your original page, tap the title then tap **Return** on the pop-up menu.
- **Copy Text.** You can copy text from books that support this feature into any program that accepts text. On a book page, select the text that you want to copy. Then, tap **Copy Text** on the pop-up menu. The text can be pasted into the program of your choice.
- **Bookmarks.** When you add a bookmark to a book, a color-coded bookmark icon appears on the right margin. You can add multiple bookmarks to a book. Then, from anywhere in the book, tap the bookmark icon to go to the bookmarked page.
- **Highlights.** When you highlight text, it appears with a colored background.
- **Notes.** When you attach a note to text, you enter the text in a note pad that appears on top of the book page. A Note icon appears on the left margin. To show or hide the note, tap the icon.
- **Drawings.** When you add a drawing, a Drawing icon appears on the bottom-left corner of the page, and drawing tools appear across the bottom of the page. Draw by dragging your stylus.

NOTE To see a list of a book's annotations, including bookmarks, highlights, text notes, and drawings, tap **Annotations Index** on the book's cover page. You can tap an entry in the list to go to the annotated page.

Removing a book

When you finish reading a book, you can delete it to conserve space on your device. If a copy of the book is stored on your desktop computer, you can download it again at any time.

To remove a book from your device, tap and hold the title in the Library list, then tap **Delete** on the pop-up menu.

Chapter 6

Pocket Internet Explorer

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	Changing View settings	6-3
	Browsing the Internet	6-3
◆	AvantGo Channels	6-4
◆	Mobile Favorites folder	6-5
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	Mobile Favorites	6-5
	Viewing mobile favorites and channels	6-7
	Adding/Deleting mobile favorites and folders	6-8

Introduction

Use Microsoft Pocket Internet Explorer to view Web or WAP pages in any of these ways.


- During synchronization with your desktop computer, download your favorite links and mobile favorites that are stored in the Mobile Favorites sub-folder in the Internet Explorer on the desktop computer.
- Connect to an Internet service provider (ISP) or network and browse the Web. To do this, you need to create the connection first. See Chapter 7 for information on creating a connection.

When connected to an ISP or network, you can also download files and programs from the Internet or intranet.

Using Pocket Internet Explorer

You can use Pocket Internet Explorer to browse mobile favorites and channels that have been downloaded to your device without connecting to the Internet. You can also connect to the Internet through an ISP or a network connection to browse the Web.

To launch Pocket Internet Explorer:

1. Tap , then **Internet Explorer** to display the Pocket MSN services.

New Pocket MSN services



Tap to go back to previous page

Tap to stop/refresh

Tap to go to Pocket Internet Explorer home

Tap to launch Favorites

2. Tap the **Home** button to display the Pocket Internet Explorer welcome screen with links to some useful Web sites.
3. Tap any of the Web site buttons to go to a specific site.



Changing View settings

To change View settings:

1. Tap **View** to display a pop-up menu.
2. Tap **Fit to Screen** to see all the screen items at the same time.
3. Tap **Address Bar** to display the Web site address bar.
4. Tap and hold **Text Size** to display another pop-up menu with a text size selection. Select your desired text size for the screen.



Browsing the Internet

To browse the Internet:

1. Set up a connection to your ISP or corporate network using **Connections**. See Chapter 7 for details.
2. Do one of the following to connect and start browsing:
 - Tap the **Favorites** button, then tap the favorite that you wish to view.
 - Tap **View**, then **Address Bar**. Enter the Web address that you want to visit then tap **Go**.

AvantGo Channels

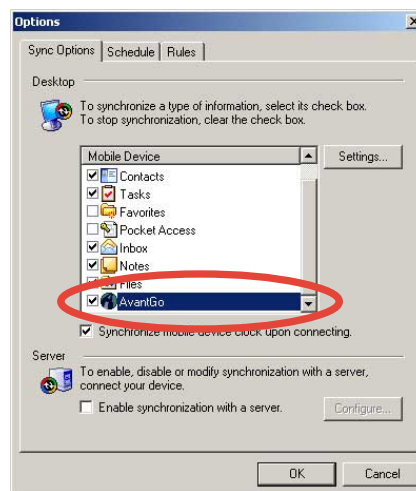
AvantGo is a free interactive service that gives you access to personalized content and thousands of popular Web sites. You subscribe to AvantGo channels directly from your device. Then, synchronize your device and desktop computer, or connect to the Internet to download the content.

For more information, visit the AvantGo web site at <http://avantgo.com/>

To activate AvantGo:

1. In the ActiveSync window on your desktop computer, click **Options**.
2. In the **Sync Options** tab, check the box beside the **AvantGo** item. Click **OK**.

ActiveSync automatically updates the settings and synchronizes with your device.



NOTE Make sure that your computer is connected to the Internet.

3. When synchronization is complete, the **AvantGo home page** appears on your device.

To launch AvantGo:

1. In Pocket Internet Explorer on your device, tap the **Favorites** button to display your list of favorites.
2. Tap the **AvantGo Channels** link to go directly to the AvantGo home page and see a few of the most popular channels.



To add or remove channels:

Tap the **Add** or **Remove** link.

Mobile Favorites folder

Only items stored in the Mobile Favorites sub-folder in the Favorites folder in the Internet Explorer on your desktop computer will be synchronized with your device. This folder was created automatically when you installed ActiveSync.

Favorite links

During synchronization, the list of favorite links in the Mobile Favorites folder on your desktop computer is synchronized with Pocket Internet Explorer on your device. Both computers are updated with changes made to either list each time you synchronize. Unless you mark the favorite link as a mobile favorite, only the link will be downloaded to your device, and you will need to connect to your ISP or network to view the content. For more information on synchronization, see ActiveSync Help on the desktop computer.

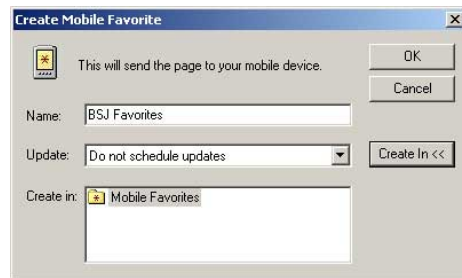
Mobile Favorites

If you are using Microsoft Internet Explorer 5.0 or later on your desktop computer, you can download mobile favorites to your device. Synchronizing mobile favorites downloads Web content to your device so that you can view pages while you are disconnected from your ISP and desktop computer.

Use the Internet Explorer plug-in installed with ActiveSync to create mobile favorites quickly.

To create a mobile favorite:

1. In Internet Explorer on your desktop computer, click **Tools** then **Create Mobile Favorite**.
2. To change the link name, enter a new name in the **Name** box.
3. Select your desired update schedule in **Update**. This is optional.
4. Click **OK**. Internet Explorer downloads the latest version of the page to your desktop computer.
5. If you want to download the pages that are linked to the mobile favorite you just created, in Internet Explorer on the desktop computer, right-click the mobile favorite, then click **Properties**. In the **Download** tab, specify the number of links deep you want to download. To conserve device memory, go only one level deep.
6. Synchronize your device and your desktop computer. Mobile favorites that are stored in the Mobile Favorites in Internet Explorer are downloaded to your device.



NOTE If you did not specify an update schedule in step 3, you will need to manually download content to keep the information updated on your desktop computer and device. Before synchronizing with your device, in Internet Explorer on your desktop computer, click **Tools** then **Synchronize**. You will see the last time content was downloaded to the desktop computer, and you can manually download content if needed.

You can add a button to the Internet Explorer toolbar for creating mobile favorites. In Internet Explorer on your desktop computer, click **View**, **Toolbars**, and **Customize**.


Saving device memory

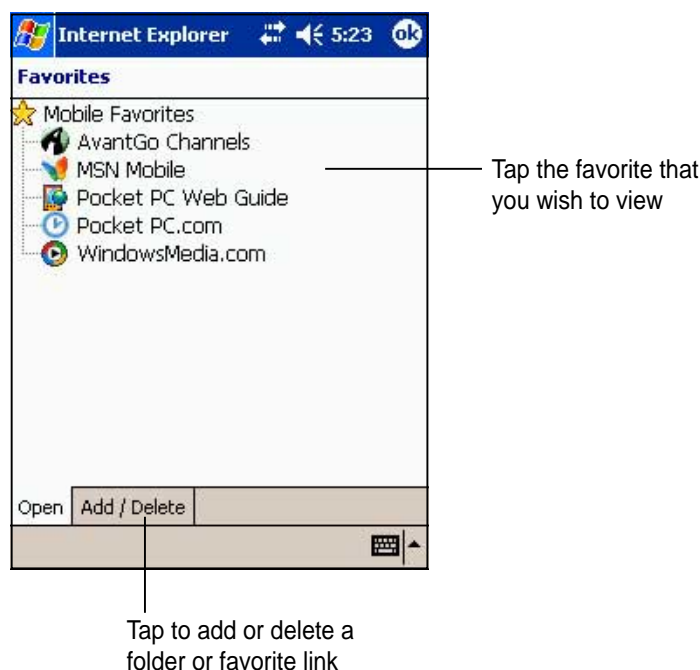
Mobile favorites take up storage memory on your device. To minimize the amount of memory used:

- In the settings for the Favorites information type in ActiveSync options, turn off pictures and sounds, or stop some mobile favorites from being downloaded to the device. For more information, see ActiveSync Help.
- Limit the number of downloaded linked pages. In Internet Explorer on your desktop computer, right-click the mobile favorite you want to change, then click **Properties**. In the **Download** tab, specify 0 or 1 for the number of linked pages you want to download.

Viewing mobile favorites and channels

To view mobile favorites and channels:

1. Tap  to display your list of favorites.




2. Tap a Favorites page that you wish to view.

You will see the page that was downloaded the last time you synchronized with your desktop computer. If the page is not on your device, the favorite is dimmed. You need to synchronize with your desktop computer again to download the page to your device, or connect to the Internet to view the page.


Adding/Deleting mobile favorites and folders

To add a favorite:

1. Tap  to display your list of favorites.
2. Tap the **Add/Delete** button to display the **Favorites** screen.
3. Tap the **Add...** button to show the **Add Favorite** screen.
4. Type a name for the favorite that you wish to add in the **Name** field.
5. Type in the URL address in the **Address (URL)** field.
6. Select a folder to place the favorite from the **Create in:** box.
7. Tap **Add** to return to the Favorites screen, which now shows the favorite that you added.




To delete a favorite:

1. Tap  to display your list of favorites.
2. Tap the **Add/Delete** button to display the **Favorites** screen.
3. Select the favorite that you wish to delete, then tap **Delete**.
4. When prompted to permanently delete the favorite, tap **Yes**.




To add a folder:

1. Tap  to display your list of favorites.
2. Tap the **Add/Delete** button to display the **Favorites** screen.
3. Tap the **New Folder** button.
4. Type a name for the folder that you wish to create.
5. Tap **Add** to return to the Favorites screen, which now shows the folder that you added.



To delete a folder:

1. Tap  to display your list of favorites.
2. Tap the **Add/Delete** button to display the **Favorites** screen.
3. Select the folder that you wish to delete, then tap **Delete**.
4. When prompted to permanently delete the folder, tap **Yes**.



Chapter 7

Get connected

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Introduction

You can set up connections to the Internet and corporate network at work in order to do such activities as browse the Internet or intranet, send and receive e-mail and instant messages, and synchronize information using ActiveSync.


Connections can be made using a **modem**, **wireless network**, or **network (Ethernet) card**. A modem connection can be used to set up connections with an external modem, or through your mobile phone network using a cellular line.

Your device has two groups of connection settings: **My ISP** and **My Work Network**. My ISP settings are used to connect to the Internet, and My Work Network settings can be used to connect to any private network, such as a corporate network you use at work. Simply fill in the settings and get ready to start connecting. For more information, see the sections “Connect to the Internet” or “Connect to Work.”

You may also establish connection to another device with infrared (IR) or Bluetooth features. For more information, see sections “Infrared (IR) connection” or “Bluetooth connection.”


Connect to the Internet

To connect to the Internet:

1. Obtain the following information from your ISP: **ISP server phone number**, **user name**, and **password**.
2. Tap  > **Settings** > **Connections tab** > **Connections**.
3. In My ISP, tap **Add a new modem connection**.
4. Create a modem connection. For more information, see section “Set up modem connections.”
5. To start the connection, begin using the desired program. For example, switch to **Pocket Internet Explorer** and browse a **Web page**. Your device automatically connects.

NOTE To set up a network card or wireless network connection to your ISP, add a new connection under **My Work Network**.

Connect to Work

1. Obtain the following information from your network administrator: **server phone number**, **user name**, and **password**.
2. Tap  > **Settings** > **Connections tab** > **Connections**.
3. In **My Work Network**, set up either a modem, network card, wireless network, or VPN server connection. Refer to the section “Set up connections” for the procedure.
4. To start the connection, start using a desired program. For example, switch to Pocket Internet Explorer and browse to a Web page. Your device automatically starts connecting.



Set up connections

Modem connections

To set up a modem connection:

Obtain the following information from your ISP or network administrator: telephone number, user name, password, domain name, and TCP/IP settings.

If your device does not have access to a mobile phone network, insert a modem card.



1. Tap  > **Settings** > **Connections tab** > **Connections**.
2. To create a new connection, in either **My ISP** or **My Work Network**, tap **Add a new modem connection**, then follow the instructions in the New Connection wizard.
3. To view additional information for any screen in the wizard or while changing settings, tap .

NOTE To change modem connection settings in either **My ISP** or **My Work Network**, tap **Manage existing connections**. Select the desired modem connection, tap **Settings**, and follow the instructions on the screen.

VPN server connections

A VPN connection helps you to securely connect to servers, such as a corporate network, via the Internet. Ask your network administrator for your user name, password, domain name, TCP/IP settings, and host name or IP address of the VPN server.

To set up a VPN server connection:


1. Tap  > **Settings** > **Connections tab** > **Connections**.
2. To create a new VPN server connection, in My Work Network, tap **Add a new VPN server connection**, then follow the screen instructions.
3. To view additional information for any screen in the wizard or while changing settings, tap .

NOTE To change existing settings, in My Work Network, tap **Manage existing connections** > **VPN** tab. Select your desired VPN connection, tap **Settings**, then follow the instructions on the screen.

Proxy server settings

If you are connected to your ISP or private network during synchronization, your mobile device should download the proper proxy settings from your PC. If these settings are not on your PC or need to be changed, ask your ISP or network administrator for the proxy server name, server type, port, type of Socks protocol used, and your user name and password.


To change proxy server settings:

1. Tap  > **Settings** > **Connections tab**.
2. To create a new connection, in My Work Network, tap **Add a new proxy server**.
3. To change proxy server settings, in **My Work Network**, tap **Edit my proxy server**. Select the desired proxy server, and tap **Settings**.
4. Select This network connects to the Internet and This network uses a proxy server to connect to the Internet.
5. In the **Proxy server** box, enter the proxy server name.
6. To change such settings as port number or proxy server type, tap **Advanced** and change desired settings.

Network card connections

Use a network (Ethernet) card to connect directly to a network. Once connected, you can view the Internet or intranet, or download e-mail. You do not need to create a new connection on your device. For more information, see your network administrator. Make sure to purchase and configure a network card that is compatible with your device.

To set up a network card:


1. Obtain the following information from your network administrator: **user name**, **password**, and **domain name**.
2. Insert the network card into your device.
3. The first time you insert the card, Network Settings appears automatically so that you can configure the network card. If it does not appear, or to change settings later, tap  > **Settings** > **Connections tab** > **Connections** > **Advanced tab** > **Network Card**.
4. If you need to enter specific server information, tap the appropriate adapter, and then tap Properties. Most networks use DHCP, so you should not have to change these settings unless your network administrator instructs you to do so.
5. If necessary, connect the network card to the network by using a network cable. For information, refer to the documentation that came with your network card.
6. To start a connection, insert the network card, and begin using a desired program. For example, switch to **Pocket Internet Explorer** and browse a **Web page**. Your device automatically starts connecting. If you use your network card with two networks, such as a private network at work and one at home for the Internet, you need to change the network to which the network card connects.

NOTE You may need proxy server and VPN connection settings. For more information, see your network administrator.

Wireless network connections

Networks that you have already configured are preferred networks and are listed in **Wireless networks**. You can select to connect to only preferred networks or have your device search for and connect to any available network whether it is preferred or not.

To set up a wireless network:


1. Tap  > **Settings** > **Connections tab** > **Connections** > **Network Card** > **Wireless tab**.
2. To change network settings, in **Wireless networks**, tap a network. If you do not see a desired network, tap **Add new** and follow the instructions on the screen.
3. From **Networks to access**, select **All available**, **Only access points**, or **Only computer-to-computer** depending on the type of network(s) you connect to.
4. To connect only to networks you have already configured, clear **Automatically connect to non-preferred networks**.

NOTE If you select to automatically connect to non-preferred networks, your device detects any new networks and provide you the opportunity to configure them.

Enter settings information

A wireless network can be added either when the network is detected, or manually by entering settings information.


To enter new settings:

1. To manually enter information, tap  > **Settings** > **Connections tab** > **Connections** > **Network Card** > **Wireless tab**. Then, tap **Add new**. If the network was detected, step one is not necessary.
2. In the **General** tab, enter a network name. If the network was detected, the network name is automatically entered and can't be changed.
3. From **Connects to**, select what your network connects to, **Work** or the **Internet**.
4. To connect to an ad-hoc connection, select **This is a device-to-computer (ad-hoc) connection**.

Configure authentication settings

A wireless network can be added either when the network is detected, or manually by entering settings information. To determine if authentication information is needed, see your network administrator.


To configure authentication settings:

1. To manually enter information, tap  > **Settings** > **Connections tab** > **Connections** > **Network Card** > **Wireless tab**.
2. Tap **Add new**. If the network was detected, step one and two are not necessary.
3. To use data encryption, tap **Data encryption (WEP enabled)**.
4. To use Shared Key authentication, tap **Network Authentication (shared mode)**. You need a network key.
5. To automatically use a network key, tap **The key is provided for me automatically**. Otherwise, enter the network key.
6. For increased security, select **Use IEEE 802.1x network access control**, then select the appropriate **EAP type**.


Change connection settings name

Your mobile device is already set up with two sets of connection settings: **My ISP** and **My Work Network**. You can change the name of these settings to something more familiar. For example, if you put all of your corporate settings under My Work Network, you can change the name from My Work Network to your company name.

To change a connection name:

1. Tap  > **Settings** > **Connections tab** > **Connections**.
2. Under My ISP or My Work Network, tap **Manage existing connections**.
3. Tap the **General** tab.
4. Enter a name for the settings.


End a connection

- When connected via modem or VPN, tap  on the navigation bar, then tap Disconnect.
- When connected via cable or cradle, detach your device from the cable or cradle.
- When connected via Infrared, move the device away from the other computer or device.
- When connected via a network (Ethernet) card, remove the card from your device.
- When connected via a wireless network, switch off the connection.

Set up a WAP gateway

To access WAP sites through Pocket Internet Explorer, configure your device to use a WAP gateway. Use the following steps to create a new set of connections to the Internet with WAP gateway settings.

NOTE Some device models do not support the WAP sites viewing feature.


1. Get the following information from your ISP: **ISP server phone number**, **user name**, and **password**. Also, contact your mobile phone service provider and ask for your WAP gateway server name and port number.
2. Tap  > **Settings** > **Connections tab** > **Connections** > **Tasks tab**.
3. Tap Edit my proxy server. If a proxy server has not been set up, tap Set up my proxy server.
4. In **Programs that automatically connect to the Internet should connect using**, tap **New** and enter a name for the ISP connection.
5. On the **Proxy Settings** tab, select **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet**.
6. If necessary, in the **Proxy server** box, enter the proxy server name.
7. Tap **Advanced**.
8. In the **WAP** box, enter the **WAP gateway server name**. Under Port, enter the port number. The most common WAP port number is 9201.


9. Create a modem connection. See section “Set up connections.”
If necessary, set dialing rules. See section “Use dialing rules.”
10. If your device does not have a connection to a mobile phone network, insert a modem card.

Use dialing rules

Additional numbers may need to be dialed depending on your given location when connecting. For example, if you want to dial from work, a 9 prefix must often be dialed, or an area code is needed.

To avoid creating a new modem connection for each situation, set dialing rules for the locations from which you connect often. Three dialing locations, Home, Mobile, and Work, have been created for you, and you can create more. If a connection cannot be made, your device gives you an opportunity to change the dialing location.


1. Tap  > **Settings** > **Connections tab** > **Connections** > **Advanced tab**.
2. Tap **Select Location**.
3. Tap **Use dialing rules**.
4. Select a location.
 - **Home** - Dials the number as a local call without a 9 prefix.
 - **Work** - Dials the number as local call with the 9 prefix.

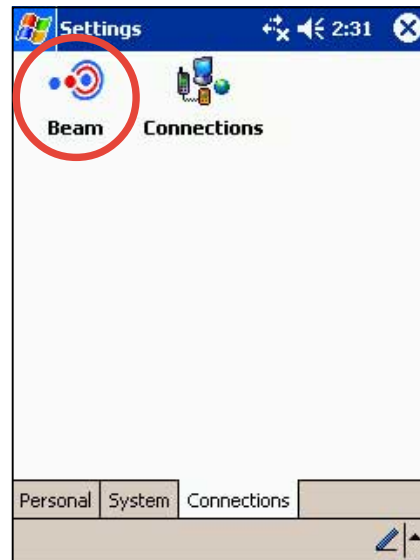
NOTE To create a new location, tap New and follow the directions on the screen. To view additional information at any time, tap .

Infrared (IR) connection

By default, your device detects incoming infrared (IR) beams and prompts you to accept them. If you do not want your device to detect or receive beams, clear the **Receive all incoming beams** check box.

To set the Beam options:

1. Tap , then **Settings**.
2. Tap the **Connections** tab.
3. Tap the **Beam** icon to display the Settings screen.



4. Make your desired change and tap **OK**.
5. To receive an infrared beam from this screen, tap the link at the bottom. Your device automatically looks for another device using infrared.



Sending information

To send information:

1. Switch to the program where you created the item that you want to send, and locate that item in the list.
2. Align the IR ports so that they are unobstructed and within a close range.
3. Tap and hold the item, then tap **Beam File...** on the pop-up menu.



NOTE You can also send items, but not folders, from File Explorer. Tap and hold the item that you want to send, then tap **Beam File** on the pop-up menu.

Receiving information

To receive information:

1. Align the IR ports so that they are unobstructed and within a close range.
2. Have the owner of the other device send the information to you. Your device automatically receive the information.

Chapter 8

Bluetooth[®]

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Introducing Bluetooth®

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about 10 meters (30 feet) without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. The devices only need to be within a range of about 10 meters. You can even beam information to a device in a different room, as long as it is within the specified range.

Bluetooth® for Windows® CE (BTW-CE)


BTW-CE is the solution to smoothly integrate the Bluetooth technology into devices that use the Pocket PC operating system.


The Bluetooth technology allows your Pocket PC to:

- Locate other Bluetooth devices within the vicinity
- Discover the services that those devices offer
- Connect to, use, and disconnect from those services
- Enable or disable individual services
- Use security features including authentication, authorization, and encryption

Bluetooth icon

The Bluetooth icon is located on the lower right corner of the Today screen.

When Bluetooth is enabled (turned ON), the icon is blue , and the Bluetooth LED on the left side of the device blinks blue.

When Bluetooth is disabled (turned OFF), the icon is grayed with a red X on its lower right corner .

Tapping the icon displays a menu that allows you to:


- turn Bluetooth on or off
- launch the Bluetooth Manager
- change the Bluetooth Settings

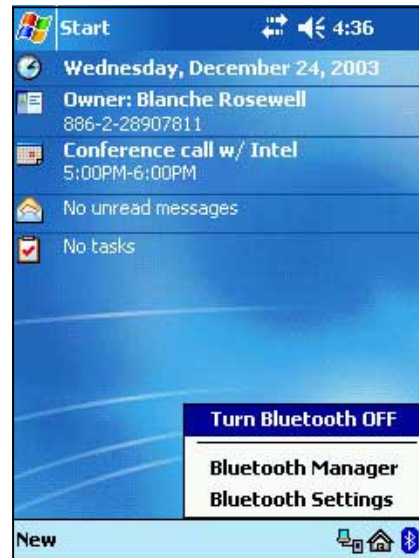


Bluetooth icon

Bluetooth settings

To configure the Bluetooth settings:

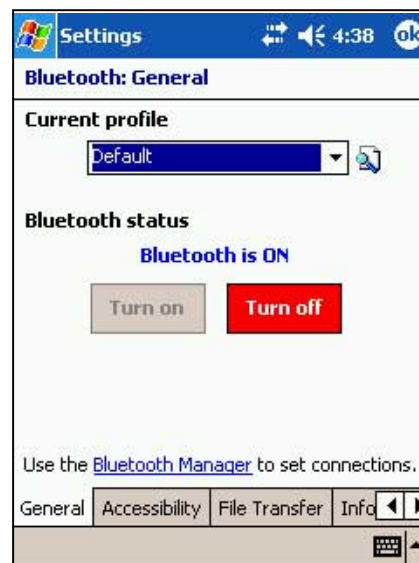
1. Tap  from the lower right corner of the Today screen to display the Bluetooth menu.
2. Tap **Bluetooth Settings**.
3. Tap one of the tabs at the bottom of the Settings screen to make your desired changes.



General

Allows you to:

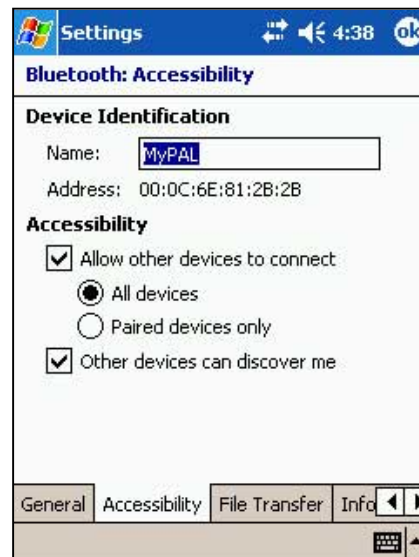
- select the user profile
- see the Bluetooth status (ON/OFF)
- turn Bluetooth ON or OFF
- tap a link to the Bluetooth Manager



Accessibility

Allows you to:

- set the device name
- see the Bluetooth Device Address (BDA)
- select the remote devices you wish to connect
- set whether to allow remote devices to see your device



File Transfer

Allows you to customize the settings for file transfers, and set the highest level directory on your device that remote devices can access.

Refer to section “Remote device services” for more information.



Information Exchange

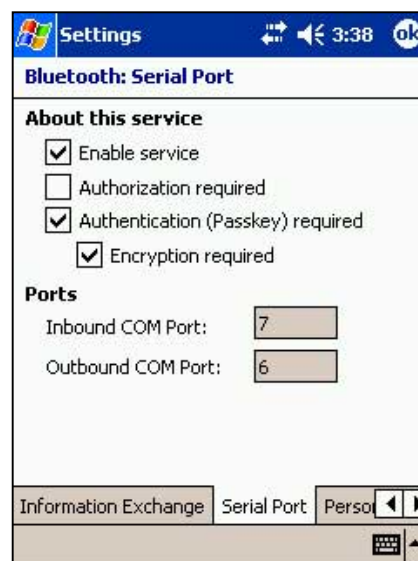
Allows you to customize the service settings, and set the default business card.



Serial Port

Allows you to customize the service settings, and display the serial port addresses. The port address assignments cannot be changed.

Refer to section “Remote device services” for more information.



Personal Network Server

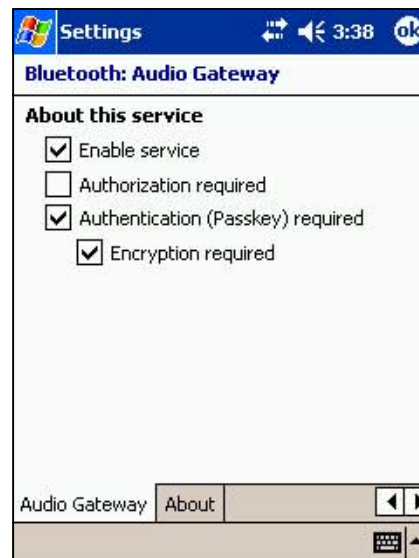
Allows you to customize the service settings for your personal network server.

Refer to section “Remote device services” for more information.



Audio Gateway

Allows you to customize the service settings for the Audio Gateway.



About

Displays the Bluetooth™ for Windows® CE (BTW-CE) information including the release version, copyright notice, website address, technical support email, and the Advanced button. The Advanced buttons contains the version information about the individual software modules that make up BTW-CE.


The information on this screen is not configurable.



Bluetooth Manager

The Bluetooth Manager allows you to create, manage, and use Bluetooth to connect to remote devices.

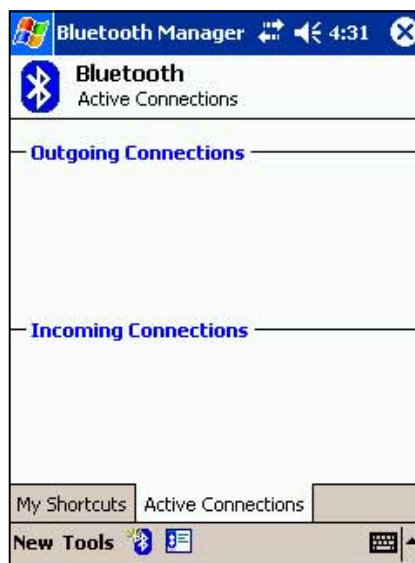
To launch the Bluetooth Manager:

Tap , then tap the **Bluetooth Manager** from the Start menu.



The **My Shortcuts** screen displays a list of pre-configured connections, if any. Tap **New > Connect** to connect to other devices via Bluetooth.

The Active Connections screen displays the active incoming and outgoing connections.




- Tap to set Business Card exchange options
- Tap to launch the Bluetooth connection wizard
- Tap to set view options
- Tap to add or remove paired devices
- Tap to make a new connection

Bluetooth connection wizard

The Bluetooth connection wizard helps you set up connections with remote Bluetooth devices.

To launch the Bluetooth connection wizard:

1. Tap  from the Bluetooth Manager command bar. The Bluetooth Connection Wizard screen appears.
2. Select a type of connection that you wish set up. Tap **Next**.
Tap **Cancel** if you do not wish to continue the connection process.




NOTE Refer to the device online help for other information on Bluetooth.

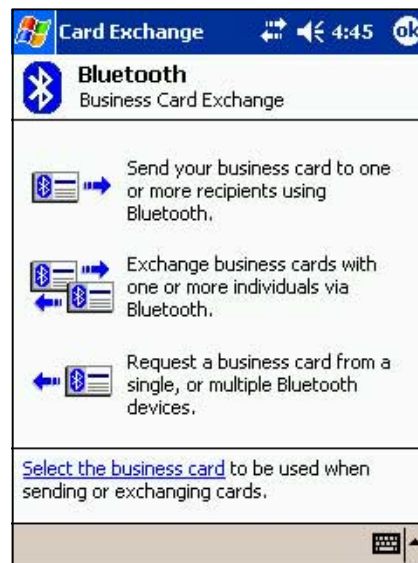
Business Card Exchange

The Business Card Exchange function allows you to:

- send your business card to a remote device
- receive a business card from a remote device
- exchange business cards with one or more remote devices

To launch the Business Card Exchange screen:

1. Tap  from the Bluetooth Manager command bar.
2. Select the action that you wish to make.




NOTE From this screen, tap the link **Select the business card** to go to the Information Exchange settings.

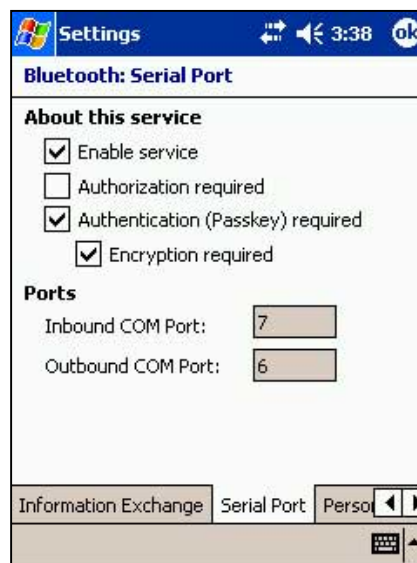
Remote device services

Wireless serial port

Using a Bluetooth serial port is equivalent to using a physical cable serial port connection between two devices. As with a physical connection, you have to configure the application that will use the serial port.

To configure the Bluetooth Serial Port:

1. Tap  from the lower right corner of the Today screen to display the Bluetooth menu.
2. Tap **Bluetooth Settings**, then the **Serial Port** tab.
3. Note the assigned Outbound COM Port 6 and configure the application that will use the Bluetooth serial port to send data to this port.



NOTE Refer to the application's documentation for more information about configuring your application's Outbound COM port.

4. From the Bluetooth Manager My Shortcuts screen, open the Bluetooth Serial Port connection to the remote device.
5. Send/receive data from the application.

Dial-up networking


The Dial-up Networking feature allows you to connect to a remote computer through a phone line. Once connected, you can browse the Internet, check/read emails, etc.

NOTE The remote Bluetooth device that will provide the Dial-up Networking service should have access to a telephone system, either a hard-wired or a cellular connection, and capable of answering a call.

Devices that may provide a Dial-up Networking service:

- Bluetooth-enabled cellular telephones
- Bluetooth-enabled desktop computers attached to a telephone system
- Bluetooth modems

To use Dial-up Networking:

1. Create a connection to the device that will provide telephone access. See the section “Bluetooth connection wizard” on page 8-7.
2. Tap , then the **Bluetooth Manager** from the Start menu.
3. In My Shortcuts screen, tap and hold the **Dial-up Networking Connection** shortcut, then select **Connect** from the pop-up menu.
4. On the first Bluetooth: Dial-up Connection screen, double-tap **New Connection...** OR select **New Connection** then tap **OK**.
5. Key-in the following information on the second Bluetooth: Dial-up Connection screen:
 - Name for a connection
 - Country code (if dialing outside the default country setting)
 - Area code (if dialing outside the default area code setting)
 - Phone number to be dialed
6. Tap **OK**.
7. Enter the required information on the succeeding screens to complete the connection process.
8. When the connection is active, open a web browser from the device.

Bluetooth file explorer

The Bluetooth File Explorer appears automatically after a file transfer connection is established.

This service feature allows you to do the following operations:

- Navigate the directory structure of the remote device
- View the files and folders on the remote device
- Create new folders on the remote device
- Send files to, and copy or get files from the remote device
- Delete files from the remote device

NOTE The file operations on the remote device are limited to the configured FTP root directory and sub-directories of the remote device.

The Bluetooth File Explorer also allows you to set a folder in your device for receiving inbound files. You may configure this folder for each of your connection shortcuts. See the section “To set a local folder” on page 8-13.

Bluetooth File Explorer menus

File → Send a File...
Create a Folder
Get
Delete

Tools → Set Local Folder
Refresh

To change the remote device folder:

1. To move **down** in the directory structure of the remote device, tap the **New Folder** from the main window of Bluetooth File Explorer.
2. To move **up** in the directory structure of the remote device, tap the down-arrow to the right of the currently selected folder and select the **New Folder** from the drop-down list.

To create a folder on the remote device:

1. Select the folder in which you wish to place the new folder.
2. From the File menu, tap **Create a Folder**.
3. Enter a name for the new folder while the default name **New Folder** is highlighted.

To send a file to the remote device:

1. From the File menu, tap **Send a File...** to display the Open screen.
The Open screen includes the following:
Folder - tap the down-arrow and select the folder that contains the file you wish to send
Type - default and only option is "All Files (*.*)" **A list of files in the selected folder** - tap a file that you wish to send
Cancel button - abort the Send a File... operation
2. Tap your desired operation.
The file that you selected is automatically sent when tapped, after which the Bluetooth File Explorer re-appears.

To get a file from the remote device:

1. Select the folder containing the file.
2. Tap the file that you wish to get or copy.
3. From the File menu, tap **Get**.
OR
Tap and hold the desired file and select **Get** from the pop-up menu.
The file is copied to the local folder listed in the Local Folder field at the bottom of the screen.

To delete a file from the remote device:

1. Tap the file that you wish to delete.
2. From the File menu, tap **Delete**.
3. Tap OK in the confirmation dialog box.
OR
Tap and hold the desired file and select **Delete** from the po-up menu.

To set a local folder for incoming files:

1. From the Tools menu, tap **Set Local Folder**.
2. Use the drop-down menu at the top of the screen to go to your desired folder.
3. Tap **OK** to return to the main screen of Bluetooth File Explorer. You will see the Local Folder field is updated to reflect the new folder selection.


NOTE The Local Folder information is associated with the currently open shortcut and is saved with the active profile. You can separately configure your Local Folder for each connection shortcut.

To refresh the list of displayed files and folders on the remote device, simply tap **Refresh** from the Tools menu.

Send via Bluetooth

You can conveniently send your Pocket Outlook contacts, calendar items, and tasks individually or collectively to the remote device via Bluetooth.

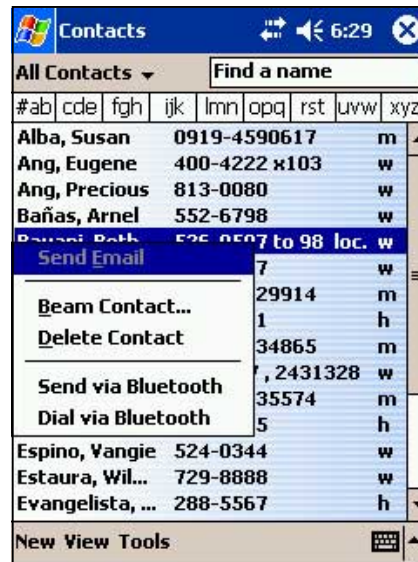
To send data via Bluetooth:

1. Tap , then either Contacts, Calendar, or Tasks.
2. Highlight an item that you wish to send to the remote device.
3. Tap and hold the item, then tap **Send via Bluetooth** from the pop-up menu.

OR

Tap **Tools** from the command bar, then select **Send via Bluetooth**.

4. On the Select a Bluetooth Device screen, tap the name of the destination, then tap **OK**.



Dial via Bluetooth

The Dial via Bluetooth option allows you to select a contact from the Pocket Outlook contacts list, and have your paired cell phone dial the contact's phone number. If a contact has more than one phone number, select the number that you wish to dial. You may also modify a phone number before you dial.

To dial via Bluetooth:

1. From the Pocket Outlook Contacts screen, tap and hold a contact and select **Dial via Bluetooth**.
2. If your device is paired with more than one cell phone, or if a phone is not yet selected, tap the phone icon next to **Select a phone**, and choose the phone that you wish to use.
3. Select the number that you wish to dial, then tap **Dial Number**.
4. To modify the number, tap **Edit Number** and make your desired changes. Tap **OK** to return to the previous screen.

NOTE If you modify a phone number, a dialog box appears with an option to save or to discard the modification.

5. Tap **Dial Number**.

After the number is sent to the cell phone, the connection on the device is closed.

After the cell phone completes the dialing process, you can use the use the phone the normal way.

Bluetooth Personal Area Network

A Bluetooth personal area network is a private, temporary, ad-hoc network of up to eight (8) devices. A Bluetooth personal area network allows you to easily exchange information that normally requires a TCP/IP network.

Most chat utilities, multi-player games, etc. are fully functional in a Bluetooth personal area network environment.

Bluetooth private area networks are subject to the same security settings (service availability, authorization, authentication, and encryption) that govern other Bluetooth communications.

One Bluetooth device must be the host of the personal area network. Other Bluetooth devices join the network as clients. The host can accept and reject clients on an individual basis.

To set up a Bluetooth personal area network:

1. From the Bluetooth Manager, select **New>Connect> Join a personal network**. Tap **Next**.
2. On the wizard screen, select **Host a personal network**, then tap **Next**.
3. Add remote devices to the Bluetooth personal network, if desired.
 - a. Tap the **Add** button and select the device that you wish to add.
 - b. Add other devices, if desired. There can be up to eight devices, including the host.
4. After adding devices, tap **OK** to complete the setup and close the wizard.



NOTE Adding devices is optional. You do not have to add devices to the personal network while configuring the host. You can let other devices join the personal network later.

To join a personal network:

1. From the Bluetooth Manager, select **New>Connect>Join a personal network**. Tap **Next**.
2. On the wizard screen, select **Join a personal network**, then tap **Next**. The Bluetooth browser appears.
3. Select the host of the personal network, then tap **Next** to establish a connection to the personal area network.

If you are asked to enter the IP network settings, select **Use server-assigned IP address**, then tap **OK**.



Chapter 9

Wireless LAN

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	Power Management	9-11
	About	9-11
◆	WiFiME	9-12
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Accessing Wireless LAN

The Wireless LAN icon on your Today screen allows you easy access to the Wi-Fi (Wireless Fidelity) feature on your device. Tapping the icon displays a menu that allows you to:

- turn Wireless LAN on or off
- show the Wireless LAN info
- change the ASUS Settings

NOTE You may not use Bluetooth® and Wireless LAN simultaneously. If Bluetooth is turned on, the Wireless LAN menu is grayed out. You need to turn off Bluetooth before you can turn on Wireless LAN.




Wireless LAN icon

Using Wireless LAN

Turning on Wireless LAN

To turn on Wireless LAN:

1. Tap the  icon on the command bar.
2. Tap the option **Wireless LAN ON**. The system automatically scans for all the available wireless networks.



- From the list of detected wireless networks, select a wireless network to which you wish to connect your device.
- Select either **The Internet** or **Work** for the network to connect your device.
- Tap **Connect**.



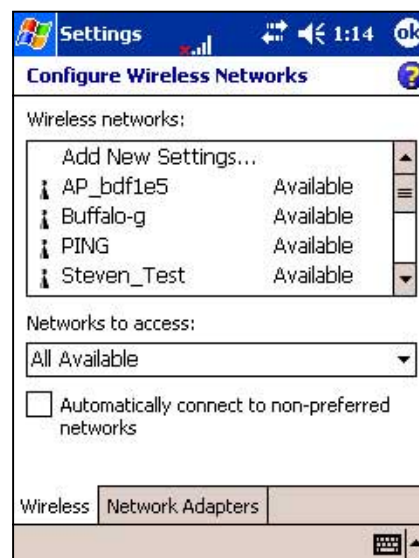
Configuring Wireless Networks

To configure a wireless network:

- After selecting a network to connect your device, tap **Settings** instead of Connect.

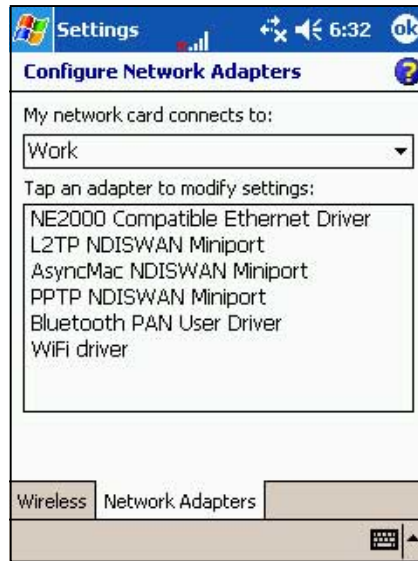


- Make your desired changes to the available networks on the list.
- Tap **OK** when done.



To configure a network adapter:

1. Tap the **Network Adapters** tab.
2. Make your desired changes to the available adapters on the list.
3. Tap **OK** when done.



Wireless LAN configuration

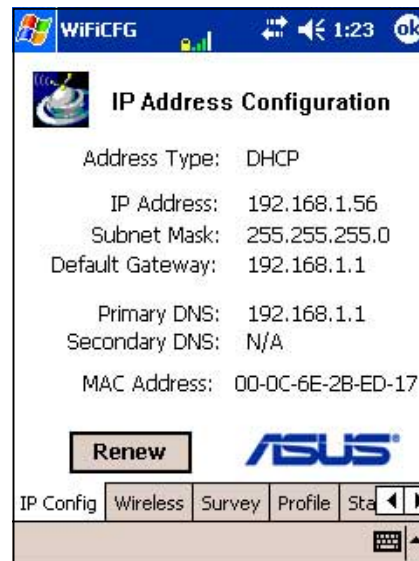
Display the Wireless LAN information screens by tapping the  icon, and selecting **Wireless LAN Info** from the menu.



IP Address Configuration

This page shows the IP address details and allows you to renew the IP address when DHCP is used.

Pressing the **Renew** button forces the Pocket PC device to refresh its server-assigned IP address. The process may take several seconds while the system updates the IP information.



Wireless LAN Card Status

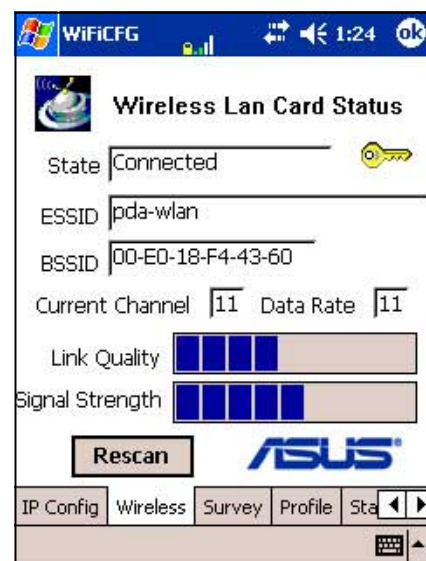
This page includes fields that display the current state and link information of your Wi-Fi device, and allows you to re-scan the available Access Points (AP) when necessary by tapping the **Rescan** button.

The Rescan button allows you to search for all available access points ad-hoc networks in the profile. If your link quality or signal strength is poor, you can use re-scanning to push the radio off a weak AP and search for a better link with another AP. The re-scanning process may take a while.






State

This field shows the Wi-Fi connection status.

- **Connected** - the station is associated with one wireless LAN device. This status also indicates the MAC address of the device.
- **Scanning** - the station is attempting to authenticate and associate with the specified access point.
- **Disconnected** - a previous link existed but no beacon was received. The connection to the adapter is terminated.
- **Disabled** - the Wi-Fi device radio is turned off.
- **Not available** - cannot obtain the Wi-Fi status; requires turning Wi-Fi on.
- **Unknown** - the Wi-Fi device is in an unknown state.



The following table describes the WEP status icons that you may see on your screen while on the Wireless LAN Card Status screen.

Icon	WEP status
none	WEP disabled, no encryption
	WEP disabled but encryption is required. This status requires you to input the correct network key.
	WEP enabled, data is correctly encrypted/decrypted.
	WEP enabled but failed to encrypt/decrypt data. This status requires you to input the correct network key.
	Ad-hoc mode, WEP disabled.
	Ad-hoc mode, WEP enabled.

ESSID

This field shows the Extended Service Set Identifier (ESSID) to which the wireless device is connected. The text on this field is usually an unreadable alphanumeric string.

BSSID

This field shows the Basic Service Set ID (BSSID) to which the wireless device is connected. In ESS mode, this is the MAC address of the access point to which your device is connected.

Current Channel

This field shows the radio channel that the Wi-Fi device is currently using.

Data Rate

This field shows the data rate that the Wi-Fi device is currently using.

Link Quality

This field shows the signal quality level between the Wi-Fi device and the access point to which the device is currently connected.

Signal Strength

This field shows the signal strength level between the Wi-Fi device and the access point to which the device is currently connected.

Site Survey

This page allows you to search for available wireless networks near your device. Tap the **Search** button to scan all available wireless networks and display the results on your screen.

ESSID

This column shows the Extended Service Set Identifier (ESSID) of the wireless network found in the search.

BSSID

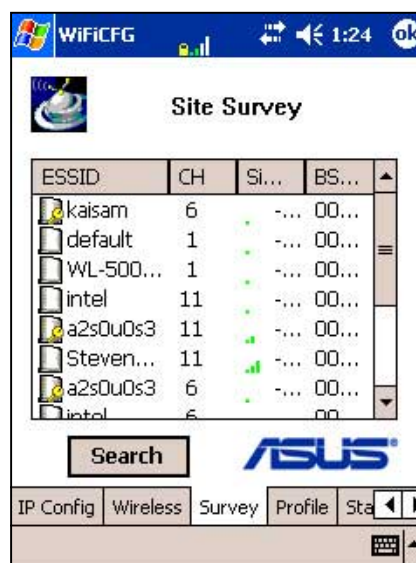
This column shows the Media Access Control (MAC) address of the access point, or the Basic Service Set ID (BSSID) in an ad-hoc mode.

CH

This column shows the channel used by the wireless device.

Signal

This column shows the Received Signal Strength Indication (RSSI) transmitted by each wireless network. This information is helpful in determining which network you wish to associate your device. This signal is normally represented by a **dBm value**.











To associate with one of the detected wireless networks:

1. Tap-and-hold on a wireless network entry, then tap **Connect** on the pop-up menu.

NOTE Another way to connect is by **tapping twice** on the entry.

2. If the wireless network that you selected is on the profile, your device will try to connect to the wireless network automatically without asking you for additional information. Otherwise, input the required information.
3. After you have entered the required information, tap **OK**. The wireless network is then added to the profile, and your device will try to connect to it.

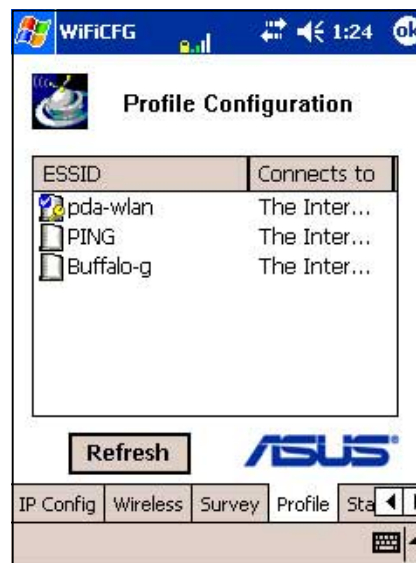
The following table describes the status icons that you may see on your screen while on the Site Survey screen.

Icon	Status
	Access Point (AP)
	Access Point with WEP enabled
	Access Point currently connected
	Access Point with WEP enabled currently connected
	Ad-hoc network
	Ad-hoc network with WEP enabled
	Ad-hoc network currently connected
	Ad-hoc network with WEP enabled currently connected

Profile Configuration

This page shows the detailed information hidden behind the wireless management mechanism of Pocket PC 2003, and allows you to change the profile settings of a selected wireless network.

The profile-based mechanism built-in the Pocket PC 2003 conveniently allows your device to connect to or switch between several wireless networks using the pre-configured profile settings, while activating, roaming, or re-scanning the Wi-Fi device.



The **Refresh** button allows you to keep the profile list up-to-date. When you tap this button, the profile setting is immediately read from the system and displayed on the screen.

CAUTION If you made changed the profile settings, make sure to save the changes **before** tapping the Refresh button.

ESSID

This column shows the Extended Service Set Identifier (ESSID) used in the profile entry.

Connects to

This column shows which network your device is connected, **Work** or the **Internet**.

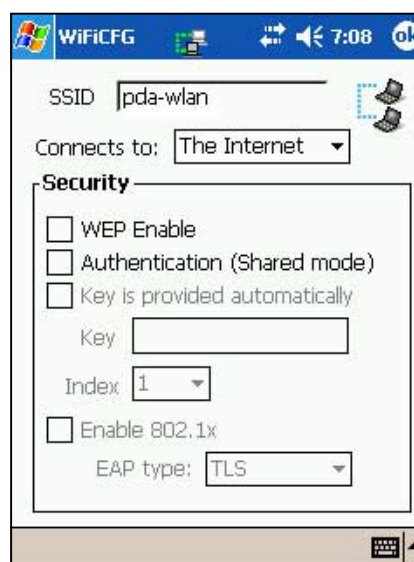
Pop-up menu items

Item	Action
Move	Moves the selected entry to a specified location
Edit	Edits the selected entry. A profile edit window appears and allows you to modify the settings for the entry.
Delete	Deletes the selected entry from the profile.
Add New Profile	Adds a new entry to the profile. A profile window appears and lets you add and input the settings for the new entry.
Apply Change	Applies all the changes you made and saves them to the profile in system. Make sure to perform this action after you have made your desired changes.

NOTE While configuring your settings in the Profile Configuration page, you may also see icons that indicate the connection status of your device. Refer to the table on page 9-8 for the description of the icons.

To edit a wireless network profile:

1. Tap-and-hold on a wireless network item and select the **Edit** option from the pop-up menu, or simply tap twice on the target entry to launch the Edit menu.
2. Make your desired changes.
3. Tap **OK** when done.



Statistics

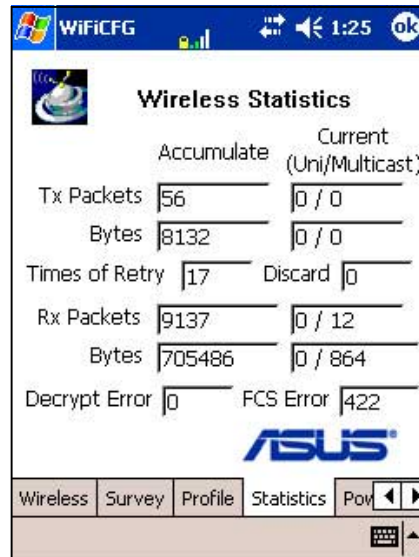
This page displays the statistics of your Wi-Fi device.

Tx Packets

This field shows both the current and accumulated packets the Wi-Fi device has transmitted.

Tx Bytes

This field shows both the current and accumulated bytes the Wi-Fi device has transmitted.



	Accumulate	Current (Uni/Multicast)
Tx Packets	56	0 / 0
Bytes	8132	0 / 0
Times of Retry	17	Discard 0
Rx Packets	9137	0 / 12
Bytes	705486	0 / 864
Decrypt Error	0	FCS Error 422

Times of Retry

This field shows the accumulated number of packets that were successfully transmitted after retries.

Discard

This field shows the accumulated number of discarded transmit requests.

Rx Packets

This field shows both the current and accumulated packets the Wi-Fi device has received.

Rx Bytes

This field shows both the current and accumulated bytes the Wi-Fi device has received.

Decrypt Error

This field shows the total number of received packets that failed to decrypt.

FCS Error

This field shows the total number of received packets with incorrect CRC value.

Power Management

This page displays the statistics of your Wi-Fi device.

Enable Power Saving

Check this box to enable the power saving mode on the Wi-Fi device. Disable (uncheck) this feature for better system performance.

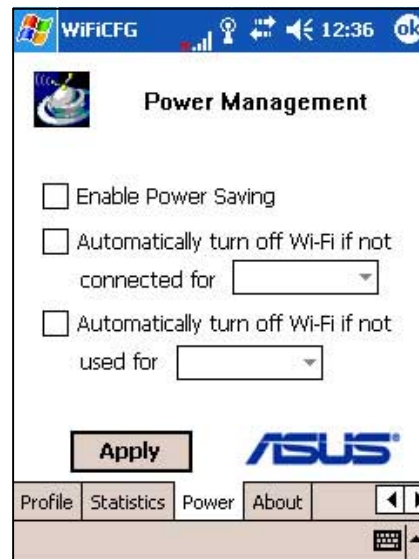
Automatically turn off Wi-Fi

- **if not connected for**

When this box is checked, your Wi-Fi device automatically turns off if it cannot connect to any wireless network after a specified time period.

- **if not used for**

When this box is checked, your Wi-Fi device automatically turns off if it does not transmit or receive any data for a specified time period. This feature saves system power especially when you are browsing on the Internet reading web page contents rather than downloading data.



About

This page displays the Wi-Fi utility and driver version information of your Wi-Fi device.



For updated product information, technical support, and downloads, visit the ASUS web site at <http://www.asus.com>.



WiFiME


WiFiME is a program built-in your Pocket PC device that makes wireless networking even more convenient. This program allows you to turn on the Wireless LAN (Wi-Fi) feature on your device, and continuously monitor your wireless link status through the indicator icon on the task bar. The WiFiME pop-up menu provides you quick and easy access to the Wi-Fi configuration (WiFiCfg) utility if you wish to configure the wireless LAN settings, or view configuration information.

To turn on Wireless LAN and launch the WiFiME program:

1. Tap  > **Programs** > **ASUS Programs**.
2. Tap the WiFiME icon .



Pop-up menu

To display the WiFiME pop-up menu, simply tap the WiFiME indicator  on the task bar.

Wireless Info

This item shows the Wireless page of the WiFiCfg.

Site Survey

This item shows the Site Survey page of WiFiCfg.

Profile Info

This item shows the Profile page of WiFiCfg.



IP Info

This item shows the IP Address Configuration page of WiFiCfg.

Rescan

This item prompts the Wi-Fi device to re-scan (search for) all available access points (AP) or ad-hoc networks in the profile.

Radio off

This item turns off the radio of the Wi-Fi device.

About















This item shows the Wi-Fi utility and driver version information of your Wi-Fi device.

Hide WiFiME

This item gives you an option to temporarily remove the WiFiME icon from the task bar.

WiFiME task bar icons

The following describes the WiFiME indicator icons that you may see on the task bar.

Icon	Link Quality	WEP	Decryption result
	Excellent	Disabled	—
	Good	Disabled	—
	Fair	Disabled	—
	Poor	Disabled	—
	Excellent	Enabled	Correct
	Good	Enabled	Correct
	Fair	Enabled	Correct
	Poor	Enabled	Correct
	Excellent	Enabled	Fail
	Good	Enabled	Fail
	Fair	Enabled	Fail
	Poor	Enabled	Fail
	Not linked	—	—
	Ad-hoc network	—	—

Appendix

Notices

- ◆ **Federal Communications Commission
Statement A-2**
- ◆ **Canadian Department of Communications
Statement A-2**
- ◆ **UL Safety Notices A-3**

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two 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 device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. 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 is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING! The use of shielded cables for connection of the monitor to the graphics card is required to assure compliance with FCC regulations. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This class B digital apparatus complies with Canadian ICES-003.

UL Safety Notices

Required for UL 1459 covering telecommunications (telephone) equipment intended to be electrically connected to a telecommunication network that has an operating voltage to ground that does not exceed 200V peak, 300V peak-to-peak, and 105V rms, and installed or used in accordance with the National Electrical Code (NFPA 70).

When using the Pocket PC, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- **Do not use** the Pocket PC near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- **Do not use** the Pocket PC during an electrical storm. There may be a remote risk of electric shock from lightning.
- **Do not use** the Pocket PC in the vicinity of a gas leak.

Required for UL 1642 covering primary (nonrechargeable) and secondary (rechargeable) lithium batteries for use as power sources in products. These batteries contain metallic lithium, or a lithium alloy, or a lithium ion, and may consist of a single electrochemical cell or two or more cells connected in series, parallel, or both, that convert chemical energy into electrical energy by an irreversible or reversible chemical reaction.

- **Do not** dispose the Pocket PC battery pack in a fire, as they may explode. Check with local codes for possible special disposal instructions to reduce the risk of injury to persons due to fire or explosion.
- **Do not** use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only UL certified power adapters or batteries supplied by the manufacturer or authorized retailers.

Replaceable batteries

If an equipment is provided with a replaceable battery and if replacement by an incorrect type could result in an explosion (e.g. with some lithium batteries), the following applies:

- if the battery is placed in an OPERATOR ACCESS AREA, there shall be a marking close to the battery or a statement in both the operating and the servicing instructions;
- if the battery is placed elsewhere in the equipment, there shall be a marking close to the battery or a statement in the servicing instructions.

The marking or statement shall include the following or similar text:

**CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
THE INSTRUCTIONS**

Compliance is checked by inspection.

Operator access with a tool

If a TOOL is necessary to gain access to an OPERATOR ACCESS AREA, either all other compartments within that area containing a hazard shall be inaccessible to the OPERATOR by the use of the same TOOL, or such compartments shall be marked to discourage OPERATOR access.

An acceptable marking for an electric shock hazard is (ISO 3864, No. 5036)

Equipment for restricted access locations

For equipment intended only for installation in a RESTRICTED ACCESS LOCATION, the installation instructions shall contain a statement to this effect.

