

## USER MANUAL

Please Read Before Proceeding

### Trademarks

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Explorer, MSN, Outlook, PowerPoint, and Word are either registered trademarks or trademarks of Microsoft

Corporation in the United States and/or other countries.

All trademarks are the properties of their respective owners.

**THIS DEVICE IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.**

**DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.**

**YOUR WARRANTY IS INVALIDATED IF YOU OPEN OR TAMPER WITH THE DEVICE'S OUTER CASING.**

### EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

### PRIVACY RESTRICTIONS

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your Pocket PC Phone.

### IMPORTANT SAFETY PRECAUTIONS

When using this product, the safety precautions below must be taken to offset possible legal liabilities and damages.

## ELECTRICAL SAFETY

This product is intended for use when supplied with power from the battery. Other usage may be dangerous and will invalidate any approval given to this product.

## SAFETY IN AIRCRAFTS

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this product on board an airplane is against the law in most countries.

## ENVIRONMENT RESTRICTIONS

Do not use this product at gas or refueling stations. The use of this product is also prohibited in fuel storehouses, chemical plants, and locations containing explosives.

## SAFETY FOR ENVIRONMENTS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

## ROAD SAFETY

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hand-free devices as an alternative is allowed.

## INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

## NONIONIZING RADIATION

This product should be operated in the suggested normal condition only to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

## Chapter 1

### Getting Started

#### 1 POWER/Backlight

##### Button

Press to turn your device on or off. Press and hold to turn the backlight on or off.

#### 2 Micro SD Card Slot Insert a storage card (MiniSD) for storing data.1.2 Battery Information

Your device contains a rechargeable Li-ion polymer battery. Your device is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including your wireless service provider's network configuration, signal strength, the temperature of the environment in which you operate your device, the features and/or settings you select and use, items attached to your device's connecting ports, and your voice, data, and other program usage patterns.

Battery life estimates (approximations):

. Talk-time: 2.5 – 5 hours

. Standby time: up to 200 hours

Warning! To reduce risk of fire or burns:

. Do not attempt to open, disassemble, or service the battery pack.

. Do not crush, puncture, short external contacts, or dispose of in fire or water.

. Do not expose to temperatures above 60.C (140.F).

. Replace only with the battery pack designated for this product.

. Recycle or dispose of used battery as stipulated by local regulation.

#### Install and charge the battery

Before you can use your device, you need to install and charge the battery. To install the battery, remove the battery cover first, and then insert the battery by aligning the exposed copper part of the battery pack with the protruding copper conductor. Then, gently push the battery into place, and replace the battery cover.

Some batteries perform best after several full charge/discharge cycles. The time needed to fully charge the battery is less than 4 hours. You can charge the battery by:

. Connecting your device directly to an external power source.

. Plugging the device sync cable into the USB port on your PC.

#### Getting Started

## Low battery

When the low-battery warning appears, do the following:

1. Immediately save your current data.
2. Synchronize with your PC.
3. Turn off your device.

To check the battery power

- . Tap Start > Settings > System tab > Power; or,
- . Tap the Battery icon on the Today screen. 1.3 Starting Up

Turn the device on and off

To turn on the device, press the POWER button. When you turn on the device for the first time, you are asked to complete a calibration process. For more information, see “Calibrate the device” in this chapter.”

To turn off the device, press POWER again.

### Note

Pressing POWER turns off your device temporarily and switches the device to sleep mode. However, you can still receive messages and calls while your device is in sleep mode.

## Calibrate the Device

Calibrating the device screen involves tapping with the stylus the center of a cross as it moves around the screen. This process ensures that when you tap the screen with your stylus, the tapped item is activated.

If your device does not accurately respond to screen taps, please follow these steps to re-calibrate it:

1.  
Tap Start > Settings > System tab > Screen.
2.  
On the General tab, tap Align Screen, and follow the instructions on the screen.

## Buttons Lock

It is possible to lock the buttons on the device, so that the applications may not be accidentally launched. Once you enable this feature, only the Power button can turn on your device.

To configure the Buttons Lock settings

1.

Tap Start > Settings > Personal tab > Buttons.

2.

On the Lock tab, select the Lock all buttons except Power button check box.

3.

Tap OK.

Note

The Buttons Lock feature does not disable the phone function of your device. When you enable this feature, you still can use the buttons on the device to receive or reject an incoming call.

Manage screen settings

The device touch screen has three orientation modes: Portrait, Landscape (right-handed), and Landscape (left-handed). Portrait mode allows you to get a better view or a better operation of certain programs on your device, while Landscape mode may be optimal for viewing longer text files.

To change the orientation, tap Start > Settings > System tab > Screen, and select the orientation you want: Portrait, Landscape (right-handed), or Landscape (left-handed). Or, you can simply tap the Display Mode icon on Today screen to change the display mode.

Portrait mode Landscape mode

To smooth the edges of screen fonts for many programs, on the Clear Type tab, select the Enable Clear Type check box.

.

To increase the readability or to see more content on the screen, on the Text Size tab, adjust the text size by moving the slider.

#### 1.4 The Today Screen

The Today screen displays important information, such as upcoming appointments and status indicators. You can tap a section on the screen to open the associated program.

. To access the Today screen, tap Start > Today.

.

To customize the Today screen display, including the background image, tap Start > Settings > Personal tab > Today.

1 Tap to open the Start menu.

2 Tap to view connectivity status.

3 Indicates the radio signal strength. Tap to configuration the phone settings.

4 Tap to control device/ringer volume.

- 5 Displays the current time. Tap and hold to change the clock mode: Analog or
- 6 Displays the current date. Tap to set up
- 7 Tap to set owner information.
- 8 Your day at a glance with reminders. Tap
- 9 Tap to lock or unlock device. : locked;
- 10 to open the related program: messages, tasks, and appointments.
- 11 Tap to open the Calendar screen.
- 12 Tap to open the Contacts screen.
- 13 Tap to change the display mode between Portrait and Landscape.
- 14 Tap to open the Comm Manager screen.
- 15 Tap to open the Power Settings screen.

Note You can access the Today screen from anywhere by tapping Start > Today.

### Indicators

The following are some of the status icons that you may see on your device.

#### Icon

#### Description

Indicates the battery is fully charged.

indicates the battery is very low.

Battery charging.

Sound on.

Sound off.

Ringer in vibration mode.

1x data connection is active.

EVDO data connection is active.

ActiveSync connection is active.

ActiveSync connection is not active.

Synchronization in progress.

Synchronization error.

Indicates maximum signal strength.

No signal.

Flight mode is active. Wireless connection is off.

No phone service.

Voice call in progress.

Missed call

#### Icon Description

New e-mail or text messages

New voice mail

Device is locked. indicates the device is unlocked.

Indicates any of wireless functions (Phone, Bluetooth, Wi-Fi) are turned ON.

indicates the three features are turned OFF.

Indicates the display mode as Portrait mode. / indicates the Landscape mode.

### 1.5 Using the Start Menu

The Start menu, located at the top left corner of the Today screen, displays a list of programs. It lets you close a screen and switch from one program to another. You can start a program by scrolling through the programs list and then pressing ENTER, or by tapping a program with the stylus. Tap to start a program. The items displayed in Start menu can be customized by tapping Start > Settings > Personal tab

> Menus.

2 Tap to start a recently-used program.

3 Tap to view and select more programs that are installed in your device.

4 Tap to change device settings.

5 Tap to see a Help topic for the current

### Indicators

The following are some of the icons for the programs that are already installed on your device.

#### Icon Description

ActiveSync Synchronizes information between your device and a PC. Calculator Performs basic arithmetic and calculations, such as addition, subtraction, multiplication, and division. Calendar Keeps track of your appointments and creates meeting requests. Camera Snaps photos or shoots video clips with accompanying audio. Clear Storage Performs a hard reset and restores the settings to factory default. Please note all of your data on the device will be lost when you execute this program. Contacts Keeps track of your friends and colleagues. Download Agent Provides information about the download status and the downloaded content from the Internet. Enroller Enables you to install and use certificates to connect to your Wi-Fi network. Excel Mobile Creates new workbooks or lets you view and edit Excel workbooks. File Explorer Enables you to organize and manage files on your device. Games Lets you play two pre-installed games: Bubble Breaker and Solitaire. Help Enables you to see Help topics for a program on your device. Internet Explorer Internet Explorer browses Web and WAP sites, and downloads new programs and files from the Internet. Messaging Sends and receives e-mail and text messages.

#### Icon Description

Notes Creates handwritten or typed notes, drawings, and recordings. Phone Makes and receives calls, switches between calls and sets up conference calling. Pictures & Videos Collects, organizes, and sorts picture and video files in the My Pictures folder of your device or on a storage card. Pocket MSN Sends and receives instant messages with your MSN Messenger contacts. PowerPoint Mobile Lets you view and edit PowerPoint slides and presentations. Search Enables you to search contacts, data, and other information on your device. Tasks Keeps track of your tasks.

Text Messages Retry Helps you resend the failed SMS messages. This program will automatically launch and run in background when you turn on your device. Windows Media Enables the multimedia function on your device. Comm. Manager Allows you to manage the wireless connection (including Phone, Bluetooth, and Wi-Fi). Wireless Modem Enables your device as an external modem for a PC by using a Bluetooth port, USB port, or infrared port. Word Mobile Creates new documents or lets you view and edit Word documents.

## **Chapter 2**

### Entering and Searching Information

2.1 Introduction

2.2 Using the Keyboard

2.3 Using Letter Recognizer

2.4 Using Block Recognizer

2.5 Using Transcriber

2.6 Using Phone Pad

2.7 Drawing and Writing on the Screen

2.8 Recording a Note

2.9 Searching Information



## 2.1 Introduction

When you start a program or select a field that requires text or numbers, Input Panel automatically becomes available. Input Panel provides access to the various input methods available on your device, including Block Recognizer, Keyboard, Letter Recognizer, Phone Pad, and Transcriber. By default, the Input Panel icon appears on the menu bar to indicate which input method is currently selected. The Input Selector arrow (shown at the right side of the Input Panel icon) opens a list of available input methods.

Example:

On-screen Keyboard

Input Selector arrow

Input Panel icon

To show or hide Input Panel

. Tap the Input Panel icon on the menu bar.

Icon Input method

The on-screen keyboard.

Letter Recognizer or Block Recognizer.

Phone Pad

Transcriber

Entering and Searching Information

1. In a program, tap the Input Selector arrow, and then tap Letter Recognizer.
2. Write characters, numbers, and symbols in the designated writing area.

.

Enter capital letters by writing in the ABC (left) area of the box.

.

Enter lower case letters by writing in the abc (middle) area of the box.

.

Enter numbers by writing in the 123 (right) area of the box.

.

Enter punctuation and symbols by tapping in either area of the box and then writing the desired character.

Entering and Searching Information

## 2.4 Using Block Recognizer

With Block Recognizer, you use a single stroke to write letters, numbers, symbols, and punctuation, which are then converted into typed text.

To use Block Recognizer

1. In a program, tap the Input Selector arrow, and then tap Block Recognizer.
2. Write characters, numbers, and symbols in the designated writing area.

.

Enter letters by writing in the abc (left) area of the box.

.

Enter numbers by writing in the 123 (right) area of the box.

.

Enter symbols and punctuation by tapping in either area of the box and then writing the desired character.

Note Letter Recognizer and Block Recognizer are available when text entry is possible.

Tip For help with writing characters with Letter Recognizer and Block Recognizer, tap the question mark near the writing area.

## 2.5 Using Transcriber

Transcriber is a handwriting recognition program that allows you to write in cursive, print, or a combination of both. Transcriber works transparently in the background of programs, recognizing words with its integrated dictionary. When Transcriber is turned on, it interprets stylus movement anywhere on the screen as handwriting input. For more information about using Transcriber, see Help on your device.

To start Transcriber

1. Start a program that accepts user input, such as Word Mobile.
2. Tap the Input Selector arrow, and then tap Transcriber. The Transcriber introductory screen appears.

To write using Transcriber

1. In a program, position the cursor where you want text to appear.
2. Use the stylus to write anywhere on the screen. The handwriting will be converted to text shortly after you lift the stylus from the screen.

To enter punctuation and symbols

Transcriber comes with an on-screen keyboard that provides an easy way to add punctuation or a special symbol to existing text.

- . In a program, tap on the Transcriber toolbar. The keyboard remains visible until you tap the button again.

Tips To reposition the keyboard, tap and hold the title bar, then drag to the desired location. When no text is selected, you can also open the keyboard by doing the gesture.

To edit text

1. In a program, draw a line across the text you want to edit.
2. After you lift the stylus from the screen, the line will disappear and the selected text will be highlighted.
3. Do either of the following:

.

Rewrite the text.

.

Use gestures to capitalize letters, insert a space, and so on. For information about using gestures, see “Transcriber Gestures” in this chapter.

Transcriber Gestures

Use quick strokes of the stylus to edit your text or to insert returns, spaces, or tabs.

Tip You can also use the Enter, Space, and Backspace buttons on the Transcriber toolbar.

Do To Insert a paragraph return at the cursor.

The horizontal portion of the gesture must be at least two times longer than the vertical portion.

Insert a space at the cursor.

The horizontal portion of the gesture must be at least two times longer than the vertical portion.

Move the cursor one space back and erase any text.

To do this, draw a line from right to left. Open the menu of alternate words if a word is selected or the on-screen Transcriber keyboard if no text is selected.

To do this, draw a line straight down and back up. Change the capitalization of a selected letter, word, or block of text.

To do this, draw a line straight up. Undo the last action.

To do this, draw a line straight up and back down.

Copy the selected text.

To do this, draw a line from left to right and back. Cut the selected text.

To do this, draw a line from right to left and back. Paste copied or cut text.

To do this, draw a line from the lower left of the screen diagonally up toward the right and back down to the right.

Insert a tab.

The horizontal portion of the gesture must be at least two times longer than the vertical portion.

The Transcriber toolbar

The Transcriber toolbar, which appears at the bottom of the screen when Transcriber is open, provides easy access to several tools, Enter, Space, and Backspace buttons, and Left and Right arrow buttons.

Tap To

Open the Options dialog box, where you can set options such as writing direction, text entry, and shorthand.

Open Letter Shapes, where you can set your personal writing styles to maximize recognition.

Use the onscreen keyboard to quickly enter numbers, punctuation, and other symbols.

Change the character recognition mode.

. a mode. This is the default for optimum handwriting recognition.

. 123 mode. Numbers and some letters are allowed and the calculator is activated.

. A mode. All letters are automatically capitalized.

If you are in A or 123 mode, recognition returns automatically to the default mode once you lift the stylus.

Insert a space at the cursor.

Insert a paragraph return at the cursor.

Move the cursor one space to the left.

Move the cursor one space to the right.

Move the cursor one space back and erase any text.

Open Transcriber Help.

## **Chapter 3**

### Using Phone Features

3.1 Using the Phone

3.2 Making a Call

3.3 Receiving a Call

3.4 In-Call Options

3.5 Additional Dialing Information

### 3.1 Using the Phone

Like a standard mobile phone, you can use your Pocket PC Phone to make, receive, and keep track of calls and send SMS messages. You can also take notes while talking, and dial directly from Contacts.

#### The Phone screen

From the Phone screen, you can access Call History, Speed Dial, and Phone settings. To open the Phone screen:

. Use the stylus and tap Start > Phone.

- or .

Press TALK on the device.

- or .

Directly dial the phone number by pressing numeric keys on the hardware keyboard.

#### Turn on/off flight mode

In many countries you are required by law to turn off your phone on board an aircraft.

Turning off the power doesn't turn off the phone. You must enable flight mode in order to turn off the phone.

You can turn on flight mode and still keep your device turned on and use other functions.

. Tap the Signal icon ( ), and tap Turn on flight mode to turn the phone off.

. To resume call function, disable flight mode by tapping Turn off flight mode.

#### Adjust the device volume

1. Tap the Speaker icon .

2. Under Volume, adjust the phone volume ( ) or device volume ( ) by moving the slider to the desired volume level or tap On, Vibrate, or Off to change both the system and ringer volume settings.

#### Notes

To adjust the conversation phone volume, you must do it during a call. Adjusting the volume at another time will affect the ring, notification, and MP3 sound levels.

When you enable Vibrate mode, sound will automatically be muted and the device will vibrate when an incoming call is received. The Vibrate icon ( ) will appear in the title bar to indicate that Vibrate mode is enabled.

### 3.2 Making a Call

With your device, you can make a call from Phone, Contacts, Call History, and Speed Dial.

### Make a call from Phone

On the Phone keypad, tap the desired phone number, and tap Talk at the lower right of the screen.

Tip If you tap a wrong number, tap the Back arrow to erase individual numbers one at a time.

To delete all the numbers, tap and hold the Back arrow.

### Make a call from Contacts

Tap Start > Contacts.

.

Tap the desired contact, and press TALK twice (once to send the number to the Phone keypad, and once to dial the number).

.

You can also tap the desired contact in the contacts list, and tap the phone number that you want to call. Or, tap and hold the desired contact, and on the shortcut menu, tap Call Work, Call Home, or Call Mobile.

To specify the number to dial

By default, the mobile telephone number for that contact is dialed when you make a call from Contacts. However, you can specify that a different phone number is used instead.

1.

Tap Start > Contacts.

2.

Press NAVIGATION up or down to select the contact.

3.

Press NAVIGATION left or right. The letters representing the number will change as you scroll through them.

### Make a call from Call History

1.

On Phone keypad, tap Call History.

2.

Tap Menu > Filter and tap a category.

3.

Scroll to the desired contact or phone number, and tap Call.

### Make a call from Speed Dial

Use Speed Dial to call frequently-used numbers with a single tap. For example, if you assign a contact to the Location 2 in Speed Dial, you can simply tap and hold 2 on Phone screen to dial the contact's number. The number must already exist in Contacts before you can create a Speed Dial entry.

To create a Speed Dial entry

1. On Phone keypad, tap Menu > Speed Dial.
2. Tap Menu > New.
3. Tap a contact. Tap the phone number for which you want to create a speed dial.
4. In the Location box, select an available location for the new speed dial.

Note

Location 1 is generally reserved for your voice mail, and Speed Dial will designate the next available location by default. If you want to place a number in a position that is already occupied, the new number will replace the number that is already there.

Tips

To create a Speed Dial entry from Contacts, tap and hold the contact name, tap Add to Speed Dial, and select an available location for the new Speed Dial.

To delete a Speed Dial, in the Speed Dial list, tap and hold the desired entry, and tap Delete.

### 3.3 Receiving a Call

To answer or reject an incoming call

When you receive a phone call, a message will appear, giving you an option to either answer or ignore the incoming call.

- . To answer the call, tap Answer, or press TALK on your device.
- . To reject the call, tap Ignore, or press END on your device.

To end a call

Once an incoming or outgoing call is in progress, you can press END on your device or tap End to hang up.

### 3.4 In-Call Options

To put a call on hold

Your device notifies you when you have another incoming call, and gives you the choice of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to switch between the two callers, or set up a conference call between all three parties.

1.

Tap Answer to take the second call, and put the first one on hold.

2.

To end the second call and return to the first call, tap END or press END on your device.



To switch between two calls

Tap Answer, or press TALK.

To turn on or off the speakerphone

The built-in speakerphone on your device allows you to talk hands-free or lets other people listen to the conversation.

During a call, tap Speaker On, or press TALK until the speakerphone turns on. The speakerphone icon ( ) appears in the title bar.

.

To turn off the speakerphone, tap Speaker Off, or press TALK again until the speakerphone turns off.

Warning! To avoid damage to your hearing, do not hold your device against your ear when the speakerphone is turned on.

To mute a call

You can turn off the microphone during a call, so that you can hear the caller but the caller cannot hear you.

. During a call, tap Mute.

. When the microphone is turned off, the mute icon ( ) appears on the screen. Tap Unmute to turn on the microphone again.

### 3.5 Additional Dialing Information

Make an emergency call

Enter the international emergency number for your locale, and tap Talk.

## **Chapter 4**

### Synchronizing Information and Setting Up E-mail Security

4.1 Using ActiveSync

4.2 Synchronizing Information

4.3 Synchronizing via Infrared and Bluetooth

4.5 Setting Up E-mail Security

4.4 Synchronizing Music, Video, and Pictures

#### 4.1 Using ActiveSync

Using ActiveSync 4.x or greater synchronizes information on your device with information on your PC, such as Outlook content. ActiveSync can also synchronize over a wireless or cellular network with Microsoft Exchange Server, if your company or service provider is running Microsoft Exchange Server with Exchange ActiveSync. When you synchronize, ActiveSync compares the information on your device with the information on your PC and/ or Exchange Server and updates all locations with the most recent information.

With ActiveSync, you can:

- Synchronize information, such as Outlook E-mail, Contacts, Calendar, or Tasks information on your device with your PC, as well as pictures, video, and music.

- Synchronize Outlook E-mail, Contacts, Calendar appointments, and Tasks on your device directly with Exchange Server so that you can stay up to date even when your PC is turned off.

- Exchange files between your device and your PC without synchronizing.

- Select which types of information are synchronized and specify how much information is synchronized. For example, you can choose how many weeks of past Calendar appointments to synchronize.

Before you can synchronize information with a PC, you must first install ActiveSync on your PC and create a synchronization relationship between your device and the PC. You can install ActiveSync from the Getting Started disc that comes with your device. ActiveSync is already installed on your device.

Once you have installed ActiveSync and set up a synchronization relationship, ActiveSync on the PC recognizes your device when you connect it, and automatically transfers the synchronization settings you specified on your device.

You may be able to synchronize your device with Exchange Server through your company or wireless service provider. If you plan to do so, obtain the name of the Exchange Server, your user name, password, and domain name from your administrator before starting the Sync Setup Wizard.

#### PC Requirement to Run ActiveSync 4.x

To connect your device to the PC, you need to have installed Microsoft ActiveSync program on your PC. ActiveSync 4.x is included in the Installation CD, which is compatible with the following operating systems and applications:

Microsoft Windows 2000 Service Pack 4

Microsoft. Windows. Server 2003 Service Pack 1

Microsoft. Windows. Server 2003 IA64 Edition Service Pack 1

Microsoft. Windows. Server 2003 x64 Edition Service Pack 1

Microsoft. Windows. XP Professional Service Packs 1 and 2

Microsoft. Windows. XP Home Service Packs 1 and 2

Microsoft. Windows. XP Tablet PC Edition 2005

Microsoft. Windows. XP Media Center Edition 2005

Microsoft. Windows. XP Professional x64 Edition

Microsoft. Outlook. 98, Microsoft. Outlook. 2000 and Microsoft. Outlook. XP, and Microsoft. Outlook. 2003 messaging and collaboration clients

Microsoft. Office 97, excluding Outlook

Microsoft. Office 2000

Microsoft. Office XP

Microsoft. Office 2003

Microsoft. Internet Explorer 4.01 or later (required)

Microsoft. Systems Management Server 2.0

To install and set up ActiveSync

1.

Install ActiveSync on your PC, as described on the Getting Started disc. After Setup completes, the Sync Setup Wizard automatically starts when you connect your device to the PC.

2.

Follow the instructions on the screen to complete the wizard. In the Sync Setup Wizard, do one or both of the following:

.

Create a synchronization relationship between your PC and the device.

.

Configure an Exchange Server connection to synchronize directly with Exchange Server.

3.

Choose information types to synchronize.

Note When you finish the wizard, ActiveSync synchronizes your device automatically. Once synchronization is complete, you can disconnect your device from your PC.

#### 4.2 Synchronizing Information

When you connect your device to the PC using a USB cable, an infrared connection, or a Bluetooth connection, ActiveSync will immediately synchronize. While the device is connected, ActiveSync synchronizes every time you make a change on either the PC or the device.

#### Synchronizing Outlook information

If you have set up a synchronization relationship between your device and the PC, synchronization keeps Outlook information up-to-date on both your device and PC. ActiveSync synchronizes a limited amount of information by default to save storage space on your device. You can change the amount of information synchronized for a given information type in Settings for the information type.

You can set up your device to synchronize with more than one PC or with a combination of one or more PCs and Exchange Server. When synchronizing with multiple computers, the items that you synchronize will appear on all of the computers with which they are synchronized. For example, if you have set up synchronization with two PCs (PC1 and PC2), which have different items, and you synchronize Contacts and Calendar on the device with both computers, the result is as follows:

#### Location New state

PC1 All Outlook contacts and calendar appointments that were on PC2 are now also on PC1.

PC2 All Outlook contacts and calendar appointments that were on PC1 are now also on PC2.

Device All Outlook contacts and calendar appointments from both PC1 and PC2 are on the device.

Note Outlook e-mail can be synchronized with only one computer.

#### To start and stop synchronization

To synchronize Outlook information and other local information on the PC, including media files, connect your device to the PC using Bluetooth, infrared (IR) or a cable or cradle.

.

If you are synchronizing directly with Exchange Server, you can use this connection to the PC to “pass through” to the network, or you can synchronize without connecting to the PC over a cellular or Wi-Fi network.

.

In ActiveSync, tap Sync. To end synchronization before it completes, tap Stop.

To change which information is synchronized

1.

In ActiveSync on the device, tap Menu > Options.

2.

Do one or both of the following:

Select the check box for any items you want to synchronize. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list. Clear the check box for any items you want to stop synchronizing.

3.

To stop synchronizing with one PC completely, tap the PC, and then tap Delete. Notes Outlook e-mail can be synchronized with only one computer.

To change available synchronization settings, select the type of information and tap Settings.

To synchronize directly with Exchange Server

You can set up synchronization with Exchange Server on your device, if it is available to you through your company or wireless service provider. However, you should first ask your administrator for the following information and then carry on with the steps: Exchange Server name, your user name, password, and domain name.

1.

In ActiveSync on the device, tap Menu > Configure Server. If you have not yet set up synchronization with Exchange Server, this will say Add Server Source.

2.

In Server address, enter the name of the server running Exchange Server, and tap Next.

3.

Enter your user name, password, and domain, and tap Next. To change the rules for resolving synchronization conflicts, tap Advanced.

4.

Select the check boxes for the types of information items that you want to synchronize with Exchange Server.

5.

To change available synchronization settings, select the type of information, and tap Settings.

6.

Tap Finish.

Schedule synchronization with Exchange Server

You can schedule information to be synchronized automatically between your device and the Exchange Server, or schedule synchronization at regular time intervals. Choose between these two methods, depending on your e-mail volume and which method you think is more cost-effective.

The Direct Push technology (Push E-Mail feature) enables you to receive new e-mails

on your device as soon as they arrive in your Inbox on the Exchange Server. With this feature, items such as contacts, calendar and tasks are also immediately updated onto your device when these items have been changed or new entries have been added on the

Exchange Server. To make Direct Push work, you need to have a 1XRTT or EVDO dial-up connection on your device.

The Direct Push feature works for your device, if your private network such as your corporate network is using Microsoft Exchange Server Service Pack 2 (SP2) with Exchange ActiveSync, and after your first full synchronization with the Exchange Server.

. Using Comm. Manager

1. On the Today screen, tap Start > Programs > Comm. Manager.
2. On the Comm. Manager screen, tap the Microsoft Direct Push button. The button will turn to , this indicates that you will receive e-mails as they arrive.

When the button is in the

state, you need to manually retrieve your e-mails.

. Using ActiveSync

1. In ActiveSync on your device, tap Menu > Schedule.
2. Select As items arrive in the Peak times and Off-peak times boxes.

Note

When the dial-up and Wi-Fi connections are turned on at the same time, the Direct Push feature will always go through the dial-up connection, for which you could be charged as per your network operator's service plan.

To schedule synchronization at regular time intervals You can set how often to synchronize during Peak times (which usually refer to your working hours) when e-mail volume is high, as well as Off-peak times when e-mail volume is low.

1.

In ActiveSync on your device, tap Menu > Schedule.

2.

Select a shorter time interval in the Peak times box for you to be able to receive e-mails more frequently.

3.

Select a longer interval in the Off-peak times box.

Tip To set the days and hours that make up your peak and off-peak times, tap Adjust peak times to fit your schedule.

### 4.3 Synchronizing via Infrared and Bluetooth

You can connect your device to the PC to synchronize using the local wireless technologies, such as infrared (IR) and Bluetooth. These technologies have almost similar but slightly differing requirements.

To synchronize with a PC via infrared

1.  
Follow the instructions in ActiveSync Help on the PC for setting up your PC to receive infrared beams.
2.  
Line up the infrared (IR) ports according to the instructions in the manufacturer's documentation for your device so that they are unobstructed and within close range.
3.  
On the device, tap Start > Programs > ActiveSync.
4.  
Tap Menu > Connect via IR.
5.  
Tap Sync.

To synchronize with a PC via Bluetooth

1.  
Follow the instructions in ActiveSync Help on the PC for configuring Bluetooth on your PC to support ActiveSync.
2.  
On the device, tap Start > Programs > ActiveSync.
3.  
Tap Menu > Connect via Bluetooth. Make sure that Bluetooth is turned on at the device and the PC, and that they are within close range.
4.  
If this is the first time you have connected to this PC via Bluetooth, you must first complete the Bluetooth wizard on the device and set up a Bluetooth partnership between your device and the PC. For more information about enabling and configuring Bluetooth, see Chapter 6.

#### Note

You can also use the Sync Setup Wizard to set up the device to synchronize remotely with Exchange Server. This wizard is started when you connect your mobile device to your PC after installing ActiveSync on the PC.

### 4.4 Synchronizing Music, Video, and Pictures

If you want to carry your music or other digital media with you along while you travel, ActiveSync works with Windows Media Player to synchronize music, video, and pictures with your device.



Other than selecting the Media information type in ActiveSync to be synchronized, all media synchronization settings must be set in Windows Media Player. Before media can be synchronized:

Install Windows Media Player Version 10 on the PC.

.  
Connect your device to the PC with a USB cable. If the device is currently connected using Bluetooth or infrared, you must end that connection before media can be synchronized.

.  
Insert a storage card into your device (32MB or larger is recommended).

.  
Set up a sync partnership between the storage card and Windows Media Player.

#### Change Media synchronization settings

Once you select the Media information type in ActiveSync to be synchronized, any of your favorite music, video, and picture files in Windows Media Player playlists can be synchronized. All you have to do is set up synchronization in Windows Media Player for those media files.

To set up a sync relationship with a storage card

1. Open Windows Media Player.
2. Click the Sync tab.
3. Select the storage card.
4. Click Set up Sync.

For information about using Windows Media Player on the device, see Chapter 8.

#### 4.5 Setting Up E-mail Security

Windows Mobile on your device protects your Outlook e-mails through Secure/Multipurpose Internet Mail Extension (S/MIME), which allows you to digitally sign your messages as well as encrypt them.

Using authorization keys and certificates, S/MIME allows you to digitally sign your e-mail messages to prove your identity to the recipients. Authorization keys are also used when encrypting messages to improve privacy and prevent undue tampering or hacking of your messages. You can encrypt a message with or without a certificate. However, to read an encrypted message, you need a valid certificate for decrypting e-mail messages.

#### Note

S/MIME encryption and digital signatures for Windows Mobile-based devices are available only with Exchange Server 2003 Service Pack 2 or a later version that supports S/MIME. If you aren't using one of these products, or have not yet synchronized, these options are unavailable.

Any Changes or modifications not expressly approved by the party responsible for compliance

could void the user's authority to operate the equipment.

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.

Note: 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 the 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 into 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.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able

to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/ higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone

For information about hearing aids and digital wireless phones

FCC Hearing Aid Compatibility and Volume Control:

<http://www.fcc.gov/cgb/dro/hearing.html>

Gallaudet University, RERC:

<http://tap.gallaudet.edu/DigWireless.KS/DigWireless.htm>

Self Help for Hard of Hearing People Inc. [SHHH]

[www.hearingloss.org/hat/TipsWirelessPhones.htm](http://www.hearingloss.org/hat/TipsWirelessPhones.htm)

The Hearing Aid Compatibility FCC Order:

[http://hraunfoss.fcc.org/edocs\\_public/attachmatch/FCC-03-168A1.pdf](http://hraunfoss.fcc.org/edocs_public/attachmatch/FCC-03-168A1.pdf)

Important Health and Safety Information

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

General Precautions

Heed service markings

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside these compartments should be done by an authorized service technician or provider. Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service

technician or provider under the following conditions:

Liquid has been spilled or an object has fallen into the product.

The product has been exposed to rain or water.

.

The product has been dropped or damaged.

.

There are noticeable signs of overheating.

.

The product does not operate normally when you follow the operating instructions.

.

Environment restrictions

Do not use this product at gas or refueling stations. The use of this product is also prohibited in fuel storehouses, chemical plants, and locations containing explosives.

Avoid hot areas

The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Avoid wet areas

Never use the product in a wet location.

Avoid pushing objects into product

Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Mounting Accessories

Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting

Do not place the product with an unstable base. Use product with approved equipment

This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume

Turn down the volume before using headphones or other audio devices.

Cleaning

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

Safety Precautions for Power Supply Unit

Use the correct external power source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

Handle battery packs carefully

This product contains a Li-Ion Polymer battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60.C (140.F).

Warning!

DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. TO REDUCE RISK OF FIRE OR BURNS, DO NOT DISASSEMBLE, CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS, EXPOSE TO TEMPERATURE ABOVE 60.C (140.F), OR DISPOSE OF IN FIRE OR WATER. REPLACE ONLY WITH SPECIFIED BATTERIES. RECYCLE OR DISPOSE OF USED BATTERIES ACCORDING TO THE LOCAL REGULATIONS OR REFERENCE GUIDE SUPPLIED WITH YOUR PRODUCT.

SAR Information

THIS MODEL DEVICE MEETS THE GOVERN-MENT'S REQUIREMENTS FOR

EXPOSURE TO RADIO WAVES.

The mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

American National Standards Institute (ANSI) IEEE. C95.1-1992.

National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986.

.

International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996.

Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile GSM phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg\*.