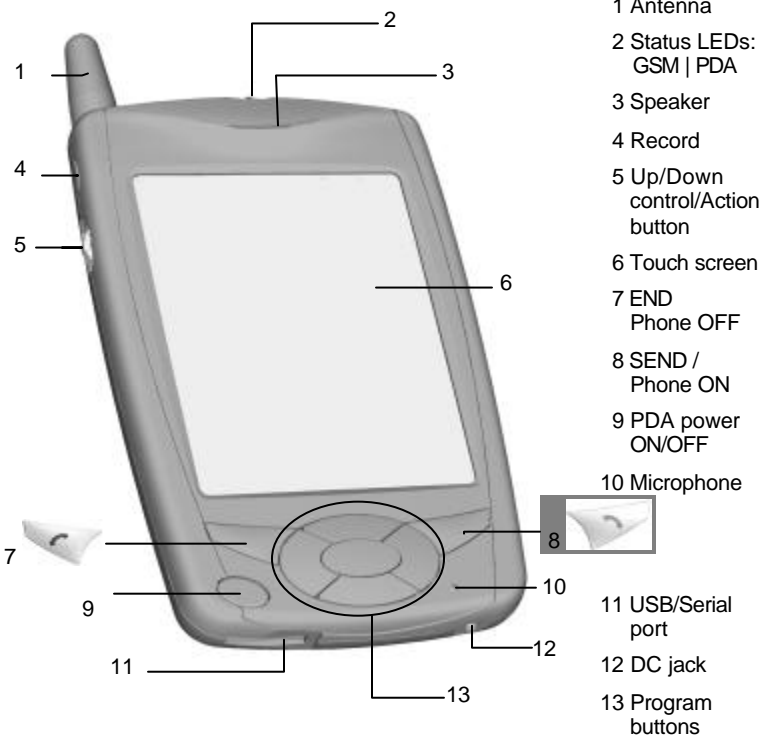


**Wireless Assistant
SAGEM WA 3050
Owner's Guide**


WA 3050

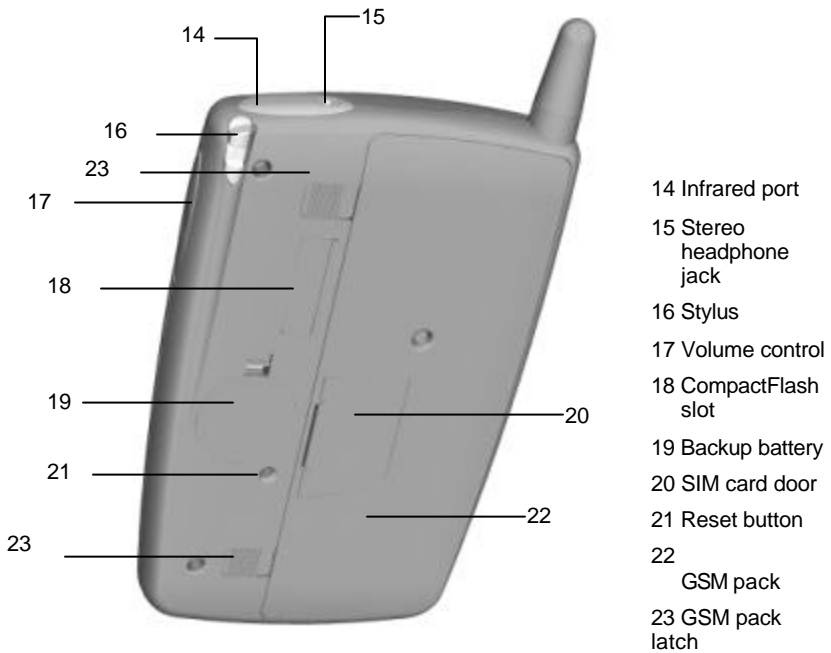


- 1 Antenna
- 2 Status LEDs:
GSM | PDA
- 3 Speaker
- 4 Record
- 5 Up/Down
control/Action
button
- 6 Touch screen
- 7 END
Phone OFF
- 8 SEND /
Phone ON
- 9 PDA power
ON/OFF
- 10 Microphone
- 11 USB/Serial
port
- 12 DC jack
- 13 Program
buttons



Program buttons

-  Contacts
-  SMS + fax
-  WAP
-  Calendar



Left LED (GSM)	Right LED (PDA)	Function
Blinking amber		Unit is charging
Blinking green		Network found
Solid green	Blinking amber	New SMS received
Green / Red		Communication in progress
		Hands-free mode activated
	Blinking green	Meeting reminder activated
Blinking red		Low Battery no call in progress
Solid red		Low Battery call in progress or hands-free mode activated.

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Contents

Welcome	13
How to use the information in this manual	14
Conventions	16
Where to find information	17
Using online help	18
WA 3050 components	19
Setting up the WA 3050	20
Information on the SIM card	21
Important safety information	22
Specific precautions	23
Charging device	24
European Union Notice	24
Accessories	25
USB cradle and external power adapter	25
Serial cable	25
Stereo headphones with built-in microphone	26
Optional accessories	26
Guidelines for general use	27
Getting started	31
Configuring your WA 3050 device	32
WA 3050 basics	32
Hardware buttons	33
Stylus	34
Today screen	35
Dialing screen	37
Programs	40
Switching among programs/tasks	41
Navigation bar and command bar	42
Pop-up menus	44
Modes of operation	44
Notifications	46
Entering information	47
Typing using the input panel	48
Writing on the screen	50

Drawing on the screen	54
Recording a message	56
Finding and organizing information	57
Basic calling features	61
Turning the phone on and off	62
Making a call	62
Making an international call	63
Making an emergency call	63
Answering a call	64
Placing a call on hold	64
Rejecting a call	64
Adjusting speaker volume	65
Setting the microphone to mute	66
Activating hands-free mode	66
Activating silent mode	66
Ending a call	67
Advanced calling features	68
Viewing the last number dialed	68
Making a call using rapid redial	68
Making a call from Contacts	69
Setting up a three-way conference call	70
Call-related features	71
Accessing voice mail	72
Activating or deactivating automatic redial when busy	72
Reviewing the status of caller ID settings	73
Blocking outgoing caller ID until the phone is powered off	73
Activating or deactivating call waiting	74
Forwarding voice, data, or fax calls	74
Using Call Status	76
Monitoring the status of calls in progress	77
Viewing summary-level Contacts information	77
Switching between different calls in progress	78

Using the Call Log	79
Reviewing calls made, received, or missed	81
Deleting the information in the Call Log	82
Using the security features of your phone	83
Locking the  and  phone keys	83
Activating the use of a PIN code	84
Changing the PIN code	86
Changing the PIN2 code	87
Activating call barring	88
Activating fixed dialing numbers	90
Activating cost limitations	92
Turning off transmission of DTMF tones	93
Using the Sync SIM utility	94
Using wireless data applications	101
Configuring SMS & fax settings	102
Configuring WAP settings	105
SMS	106
Sending an SMS message	106
Reading and replying to SMS messages	108
WAP	110
Viewing WAP-enabled sites	111
Fax	113
Sending and receiving faxes	113
Viewing and annotating a fax	117
Resending a fax	118
Getting connected	119
Connecting to an ISP	120
Connecting to your network	121
Ending a connection	125
Connecting directly to an e-mail server	126
Getting help on connecting	128
Inbox: sending and receiving e-mail messages	129
Synchronising messages	129
Sending and receiving e-mail remotely	130

Receiving messages	131
Composing messages	133
Managing messages and folders	135
Folder behaviour using ActiveSync	135
Folder behaviour for remote services	136
Pocket Internet Explorer	137
The Mobile Favorites folder	137
Favorite links	137
Mobile favorites	138
Channels	139
Transferring items using Infrared	144
Microsoft ActiveSync	149
Microsoft Pocket Outlook	151
Calendar: scheduling appointments and meetings	151
Summary screen	154
Meetings	154
Contacts: tracking friends and colleagues	155
Summary screen	158
Tasks: keeping a To Do list	158
Summary screen	161
Notes: capturing thoughts and ideas	161
Companion programs	164
Pocket Word	165
Typing mode	167
Writing mode	168
Drawing mode	169
Recording mode	170
Pocket Excel	170
Tips for working in Pocket Excel	172
Microsoft Money	174
Opening and/or creating a new file	174
Navigating within Microsoft Money	175
Creating, editing, and deleting accounts	176
Creating, editing, and deleting categories, payees	178
Adding and working with transactions	178
Creating, editing, and updating your investments	179

Synchronising with Microsoft Money on your desktop	
PC	181
Configuring Money for Pocket PC	183
Windows Media Player for Pocket PC	185
Using the playlist manager	185
Microsoft Reader	187
Getting books onto the WA 3050	187
Using the Library	188
Microsoft Transcriber	189
Features	190
Starting the program	191
Transcriber tutorials	193
Tutorial One: the basics	193
Tutorial Two: editing gestures	197
Customizing Transcriber	201
Adjusting program settings	201
Personalising handwriting recognition capabilities	204
Editing text	206
Using the iconbar functions	207
Using control gestures	211
Selecting text	214
Using the alternative list	215
Adding words to the dictionary	216
Customizing your WA 3050 device	219
Customizing screens and menus	220
Using Pocket PC security features	222
Adjusting Pocket PC device settings	223
Customizing system settings	226
Setting options for answering calls	229
Setting options to show call length and cost, and delete the call log	230
Causing the display to be turned off during a call	232
Selecting options for ring tone and vibrating alert	233
Specifying voice mail and other personal numbers	235
Selecting an alternative radio speed (GSM network)	236
Selecting GSM network preferences	236
Adding or removing programs	237

Configuring your WA 3050 device to use as a modem for your PC	240
Managing resources	243
Managing power	243
Adjusting storage and program memory	245
Managing SMS and faxes	248
Stopping or activating a running program	249
Backing up and restoring data	250
Monitoring phone usage	252
Appendix A: Troubleshooting	254
Resetting your device and clearing memory	254
Battery loses power	255
If you need to check the software version	257
If you forget your Pocket PC password	258
If you run out of memory	258
Screen freezes or responds slowly	258
Screen is blank	259
Screen is dark	259
Screen is hard to read	259
Inaccurate response to stylus taps	260
Slow or no response	260
No sound	260
Infrared (IR) connection problems	260
Modem connection problems	261
Network connection problems	263
Cable connection problems	264
Travel guidelines	265
International travel guidelines	265
Shipping guidelines	266
Caring for your device	266
Appendix B: Character Recognizer	267
Tips for writing characters	270
Appendix C: Transferring Palm-size PC data	271

Appendix D: Supported GSM-standard MMI key sequences	273
Appendix E: Hardware specifications	277
System specifications	277
Physical specifications	278
Glossary	279
Index	299

1 Welcome

Congratulations on purchasing a WA 3050 device, the complete Microsoft® Windows®-powered organiser and communications solution for the mobile professional. The WA 3050 device helps you stay in touch, keeping vital business and personal information current and close at hand. Integrated into your device is a next-generation GSM phone with a full range of voice and data capabilities, including the ability to send and receive SMS and fax, and a WAP browser for access to the mobile Internet. Microsoft Pocket Outlook lets you read and write e-mail and manage your appointments and contacts. Microsoft ActiveSync™ allows you to synchronize information on your device with a PC or notebook computer.

Picture yourself in the following situations:

- Your cell phone rings, and the boss asks if you are free this afternoon for a meeting. You scramble through your briefcase, looking for your digital organiser.
- You are meeting friends for dinner and a movie. You download movie listings from the Internet to your PC, then synchronize it with your organiser. By the time you arrive for dinner, your friends have already ordered dessert.
- You grab your digital organiser to catch the bus. On the way home, you review your task list, make notes about new CDs you want to buy, and read and write responses to e-mail. Then you remember an important fax you forgot to send before you left the office.

Now imagine how much easier it might be in each of these situations if you had a single device that:

- Is both a cell phone and digital organiser
- Provides fast access to the “wireless web”

- Enables you to respond immediately to e-mail
- Lets you send SMS messages or faxes on the spot

Your WA 3050 device can do all of this and more.

1.1 How to use the information in this manual

Use as little or as much of the information in this manual as you think you need. If you are familiar with the way GSM phones work, you may be able to scan the calling procedures to quickly grasp how to complete a familiar task using the WA 3050 device.

You may not need to consult some of the appendices at all, which contain reference information useful in some situations. For example, the procedure for transferring Palm-size PC data may be of interest if you previously owned a Palm-size PC.

This owner's guide has been written to meet the broadest set of needs of users who will have different reasons for purchasing and using the WA 3050 device. You are probably interested in using some of its capabilities right away more than others.

Recognizing this, chapters have been grouped into several major divisions or topic clusters.

“Getting started” reviews WA 3050 setup information, provides an overview of product features, and explains the basics of the Pocket PC and dialing screen features.

“Voice communication” covers what you need to know to use WA 3050 phone features.

“Data communication” explains how to configure, access, and use applications on your WA 3050 device that transmit and receive data with external resources such as your carrier network, the Internet, fax machines, and remote servers.

“Organiser, pocket computing, multimedia” describes how to get started using ActiveSync, Pocket Outlook, companion programs such as Word, Microsoft Money, Excel, Windows Media Player, and Microsoft Reader. The section on using Transcriber contains information from the *Microsoft Transcriber User Guide*.

“Customizing your device” covers procedures for customizing Pocket PC and phone program settings, installing additional software, and configuring your WA 3050 device to use as a modem for your PC or notebook computer.

“Managing resources” describes some tools and procedures you can use to perform preventive maintenance and track phone costs.

The appendices present reference information on various topics.


A glossary defines terms that may be unfamiliar to you.

1.2 Conventions

- The names of menus, commands, toolbar buttons, tabs in a dialog box, dialog box titles, items within a dialog box, and icons are shown in **bold** type.

- The names of function keys or key sequences on a standard PC keyboard are shown in uppercase. Examples: TAB, BACKSPACE, ENTER, CTRL+V.






- The  symbol identifies cautions or warnings.
- “Tap” describes the use of the stylus on a Pocket PC.
- “Click” describes the use of a mouse on a PC or notebook computer.
- “Press” indicates that you can enter data or select options on the touch screen with your fingers. For example, the “keys” and options on the soft dialing pad are finger-activated. You can use your fingers or the stylus to select them.
- “Dialing” refers to pressing or tapping keys on the soft dialing pad.
- Unless noted otherwise, “writing” refers to any method of character input using the soft input panel. These methods include typing using the soft keyboard, printing using Character Recognizer, or writing cursive using Transcriber (if installed).
- “Phone component” refers to hardware and software features that, collectively, comprise the WA 3050 phone function. “Phone” and “your phone” are synonymous with “phone component”.
- “PDA component” refers to hardware and software features that, collectively, define WA 3050 organiser and Pocket PC computing functions. “PDA” is synonymous with “PDA component”.

1.3 Where to find information

For information on	See this source
Programs on the WA 3050	This owner's guide or online help. Tap Help on the Start menu to view Help for the active program.
Additional programs that can be installed on your WA 3050	The Extras folder on the ActiveSync CD-ROM
Connecting to and synchronizing with a desktop PC	The <i>Getting Started with Microsoft ActiveSync</i> booklet or ActiveSync Help on a desktop PC
Last-minute updates and detailed technical information	The Readme files in the Microsoft ActiveSync folder on a desktop PC and CD-ROM
Troubleshooting connections	The ActiveSync Troubleshooter on a desktop PC. On the ActiveSync File menu, click Connection Settings , then click Help Appendix A of this guide.
The latest on Windows-powered Pocket PCs	The Microsoft Pocket PC web site at http://www.microsoft.com/pocketpc/default1.asp

1.4 Using online help

You can access online help for specific programs and for Windows for Pocket PC by tapping **Help** on the  menu. Help is displayed for the active program. To display a menu of all help files, tap the **View** menu, then tap **All Installed Help**.

Navigate in Help by tapping links or the  button. When you have finished using Help, tap  to return to the program you were using.

1.5 WA 3050 components

Your WA 3050 device includes the following components:

- PDA and stylus
- Main battery pack
- Main battery (attaches to main battery pack)
- CD-ROM
- Backup battery
- Documentation, consisting of this owner's guide, an installation guide, and a safety notice
- Pouch (carrying case)
- External power adapter
- USB cradle
- Stereo headphones with built-in microphone
- Serial cable.

1.6 **Setting up the WA 3050**

Complete the procedures for setting up your WA 3050 as described in the *WA 3050 Wireless Assistant Installation Guide*.



Caution Following are some important points to consider during the setup process and whenever you repeat any of the setup procedures:

- Your WA 3050 device cannot be used if the main battery has not been installed. Verify that the battery is present before connecting your unit to external power or before placing it in the cradle.
- It is imperative that the main battery is fully charged (no blinking LEDs) before using your device for the first time, or before turning it on after an extended period of disuse (longer than one month) without having recharged the battery. Make sure that the device is charging when it is connected to external power or inserted in the cradle. You may need to remove and reinsert the adapter plug several times before the charging LED indicates that the device is charging (GSM LED blinking amber).
- Above all, the main battery must be charged and installed before the installation or replacement of the backup battery.
- On the back of your WA 3050 device is a small door that provides access to the connector for CompactFlash support. **This door must be kept shut at all times except during the use of the CompactFlash support feature.**

1.7 Information on the SIM card

Your WA 3050 device includes a small electronic device called a SIM card. This card contains all of the information the GSM network needs for you to use your phone as well as some storage space for personal information, such as frequently dialed phone numbers, which you can create and modify as needed.

Handle and store your SIM card with care to avoid excessive stresses or scratches that could damage it. Contact your carrier immediately if your SIM card is lost, stolen, or damaged.

Do not leave your SIM within the reach of small children.

Note Your WA 3050 device is **only** compatible with SIM card 3V.

1.8 *Important safety information*

Main battery and backup battery

Due to the type of batteries used in your WA 3050 device, follow the laws in your country concerning their recycling. Used batteries must be taken to the proper facilities for recycling.

Some important things to keep in mind

- There is a risk of explosion and injury if batteries are not replaced correctly or handled with caution.
- Do not attempt to open the battery, or dispose of it in fire or water.
- Replace the battery pack only with the battery pack designated for the WA 3050 device.
- Discard used batteries according to the manufacturer's instructions.
- Only use external power adapters available from the manufacturer. The charging of the main battery is accompanied by a light warming.
- The installation of the battery must be carried out in conformance with the instructions provided by the manufacturer (see the installation guide). The GSM pack is an element that must be handled with care.

Specific precautions



Caution Your WA 3050 device contains a lithium ion (LI) battery pack. There is a risk of fire and burns if the battery pack is handled improperly. Do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Do not attempt to open or service the battery pack. Replace only with the battery pack designated for this product. Discard used batteries according to the manufacturer's instructions.



Caution Your WA 3050 device also contains a coin cell lithium battery powered Real-Time Clock circuit. There is a danger of explosion, and risk of personal injury if the battery pack is incorrectly replaced or mistreated. Do not attempt to disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Do not attempt to open or service the battery pack. Replace only with the battery pack designated for this product. Discard used batteries according to the manufacturer's instructions.

Charging device

Use only the appropriate charging devices (power adapters) contained in the manufacturer's catalogue. The use of another charging device could prove to be dangerous and will void the warranty of your WA 3050 device. The main plug socket must be easily accessible. The main voltage should correspond to that given on the manufacturer's plate on the charging device.

European Union Notice



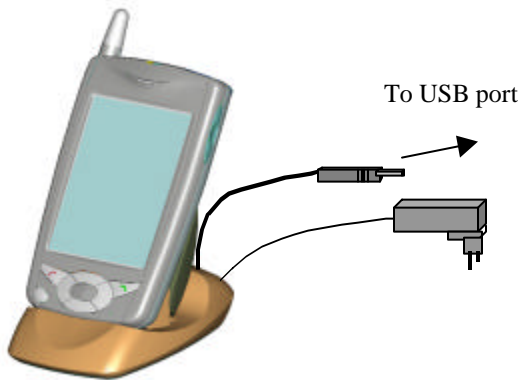
This marking indicates that your WA 3050 device complies with directives 91/263/CEE 89/336/CEE - 73/23/CEE, modified 93/68/CEE.

1.9 Accessories

In addition to the basic unit, battery pack, and carrying case, your WA 3050 device includes a number of accessories that increase its versatility and usefulness.

USB cradle and external power adapter

The cradle allows you to connect your device to the USB



port on your PC or notebook computer for synchronization or to recharge the main battery. The cradle integrates both the USB cable and power supply cord.

Serial cable

If necessary, you have the option of using the serial cable to connect your device to your PC or notebook computer for synchronization or data communication. In this case, you can plug the external power adapter into a separate connector on your device to power the device or recharge the main battery while it is connected via the serial cable.

Stereo headphones with built-in microphone

Stereo headphones with built-in microphone enable you to listen to your favorite audio files and use your phone in automatic-answer mode.

Optional accessories

A number of accessories are available as additional options for your WA 3050 device, mainly:

- CompactFlash support
- In-car cradle
- Vehicle charger
- Car kit (cradle + hands free kit for the car)
-

1.10 Guidelines for general use

The use of your phone is controlled by safety regulations intended to protect both the user and his/her environment.

Airplane safety

In an airplane, your phone must be switched off to ensure that it does not interfere with the plane's systems. Its use is illegal, and you could be prosecuted or banned from air travel or using cellular networks in the future if you do not abide by these regulations.

Areas containing combustibles

- It is highly advisable to switch your phone off in the vicinity of petrol depots.
- Regulations limit the use of radio equipment in chemical factories, petrol depots, and any area where there are mines. You are advised to abide by these rules.

Road safety

- Except in an emergency, do not use your phone when driving without a hands-free kit that enables you to maintain your freedom of movement. Stop safely to make a call. Abide by the current laws and use common sense.
- Without sufficient protection, some of the electronic equipment in your vehicle may be affected by the microwaves given off by the WA 3050 phone component.
- Installation of your WA 3050 device in a vehicle must only be performed by qualified personnel.

Non ionising radiation

To ensure your personal safety and obtain maximum satisfaction from your phone, use it in a vertical position.

Electronic medical equipment

Your phone emits radio waves that could possibly interfere with electronic medical equipment such as an auditory prosthesis or pacemaker. Consult with your doctor or contact the manufacturer for precautions on the use of other electronic devices in the vicinity of electronic medical equipment.

General precautions

- Do not try to open your WA 3050 device and repair it yourself. The manufacturer cannot be held responsible for any damage/accident that may result from this.
- Any work carried out by non-authorized personnel will result in your guarantee being rendered invalid.
- Do not use your WA 3050 device in damp areas (bathroom, swimming pool). Protect it from water and other liquids.
- Do not expose your WA 3050 device to extreme temperatures.
- Do not leave your WA 3050 device within the reach of small children.
- Only use your WA 3050 device with original accessories. If you do not, your guarantee will be rendered invalid.
- The physicochemical processes created by chargers impose temperature limits when charging the battery. Your WA 3050 device automatically protects the batteries in the event of extreme temperatures.

- To avoid the risk of demagnetisation, do not place diskettes, credits cards etc. close to your unit.

Warning The manufacturer will not be held responsible for failure to follow any of the preceding recommendations or for improper use of the product.

2 Getting started

“Getting started” provides an overview of the features and capabilities of your device. Read this section to help you do the following:

- Learn how your device operates
- Navigate in Windows for Pocket PC
- Recognize features of the dialing screen.

2.1 *Setting up your WA 3050*



Follow the setting up procedure described in the *WA 3050 Wireless Assistant Installation Guide*.

2.2 *WA 3050 basics*

Review the diagrams inside the front cover to identify hardware features of your device. Then read the following sections for an overview of these features and a quick look at Pocket PC and dialing interface basics.

2.2.1 Hardware buttons

Your WA 3050 device includes a number of hardware buttons for easy access to programs and features. The **PDA power ON/OFF** button turns the Pocket PC on and off.

The  key initially turns the phone on and enables you to place a call. (This key also supports many other functions in different contexts.) The  key (long contact) turns off the phone and allows you to terminate the active call.

Other buttons include the **Record** button for making audio files, the **Up/Down control/Action** button, the **Volume** button, and a set of 4 **program** buttons that turn on your device instantly and open it to a program assigned to each of these buttons. The icons on the buttons identify the programs they activate (see “Programs”).

In the list view of a program, you can rock the **Up/Down control** to scroll to the item you want to view, then press the **Action** button to open it. You can also use the buttons within items to perform specific functions. For example, in Notes, you can press the **Action** button while looking at a note to return to the note list.


2.2.2 Stylus

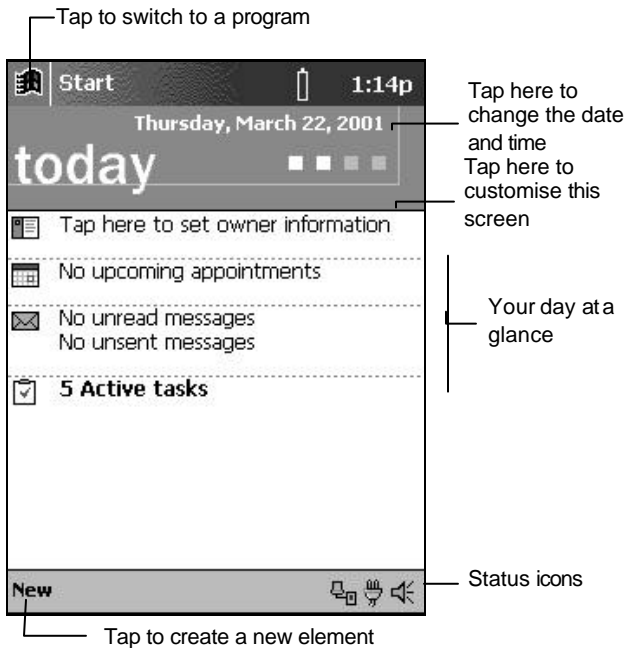
The WA 3050 includes a stylus for selecting items and entering information. The following actions are available with the stylus:

- **Tap.** Touch the screen once with the stylus to open items and select options.
- **Drag.** Hold the stylus on the screen and drag across the screen to select text and images. Drag within 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. Tap the action you want to perform on the pop-up menu that appears.










Note The stylus tip can also be used to press the **Reset** button and open the doors for the main and backup batteries.

2.2.3 Today screen




When you press the PDA power ON/OFF button for the first time each day (or after 4 hours of inactivity), you will see the Today screen. You can also display it by tapping  and then **Today**. On the Today screen, you can see at a glance important information for the day.

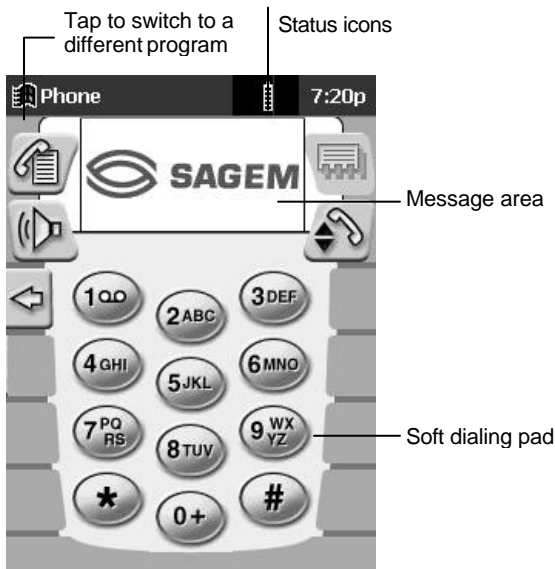



You may see the following status icons on the command bar in the Today screen:


Icon	Meaning
	Turns all sounds on and off
	Backup battery is low
	Backup battery is very low
	Main battery is charging
	Main battery is low
	Main battery is very low
	External power source is connected
	Dial-up connection
	Direct connection

2.2.4 Dialing screen










When you press  the first time after your device has been completely powered down or when the PDA is running, the dialing screen appears. This screen and the hard dialing keys ( and ) provide access to the basic calling features of your phone. (Authorisation for specific services accessible through the phone interface is contained in the SIM card supplied by your carrier when you purchased your phone.)




Like the Welcome screen, the dialing screen includes the  icon, which you can tap to switch to other programs while talking on the phone. The dialing screen does not include the command bar (see “Navigation and command bar”).





To the right of the  icon on the dialing screen are several status icons:

Icon Function


	Battery level indicator
	Voice call in progress
	Data call in progress
	Fax call in progress
	New message in your voice mail box
	Silent mode active (if selected)
	Hands-free mode active (during a call if selected)
	Signal strength and roaming (5 progressively higher vertical bars and a small antenna). If roaming, a “running” script “R” replaces the antenna. A flashing antenna indicates the absence of a steady signal.
	

Beneath the row of status icons is the **message area**. Information such as the caller’s name and the number, and the status messages such as “Emergency call mode”, are displayed in this part of the dialing screen. The message area expands to reveal information about multiple calls in progress when you press the Call Status button (.

Situated around the message area are several buttons for selecting options before or during a call:









<i>Button</i>	<i>Name</i>	<i>Function</i>
	Call Log	Display information for up to 20 of the last calls made or received using your phone
	Audio	Display a pop-up menu with finger-activated controls for: silent mode, hands-free mode, microphone mute, and speaker volume
	Contact	Display summary-level information from Contacts if the caller ID matches one in Contacts
	Call Status	Display information about the status of all calls in progress (up to four at a time) and select other options









Additional information about the function of these buttons is provided in the context of specific procedures in which they are accessed or in other sections of this manual.

Below the messages area is the **soft dialing pad**. Press or tap “keys” on this part of the dialing screen to dial a number and select other options. For example, you can dial your voice mail number with speed dialing by holding down the  key.



2.2.5 Programs


The following table contains a partial list of programs that can be found on the WA 3050 device. The icons appear as they would look on the **Start** menu or navigation bar. Look in the Extras folder on the ActiveSync CD for additional programs you can install.

<i>Icon</i>	<i>Programs</i>	<i>Description</i>
	Calendar	Keep track of your appointments and events
	Contacts	Keep track of your friends and colleagues
	EzWAP	Browse the wireless Web
	Inbox	Send and receive e-mail
	Notes	Create handwritten or typed notes, drawings, and recordings
	Phone	Display the dialing screen to make a call or use other mobile phone features
	Pocket Excel	Create new workbooks or view and edit Excel workbooks created on your desktop computer
	Pocket Internet Explorer	Browse the Web anytime, anywhere with wireless access

<i>Icon</i>	<i>Programs</i>	<i>Description</i>
	Pocket Word	Create new documents or view and edit Word documents created on your desktop computer
	Windows Media Player	Listen to digital audio files
	Microsoft Reader	Read or listen to e-books
	Solitaire	Entertain yourself while on the road
	Sync SIM	Save SIM entries to Contacts; add, modify, or delete SIM entries; copy names and numbers from Contacts to the SIM
	Tasks	Keep track of your tasks
	Transcriber	Use cursive handwriting tool
	WinPhone	Send an SMS or fax


2.2.6 Switching among programs/tasks

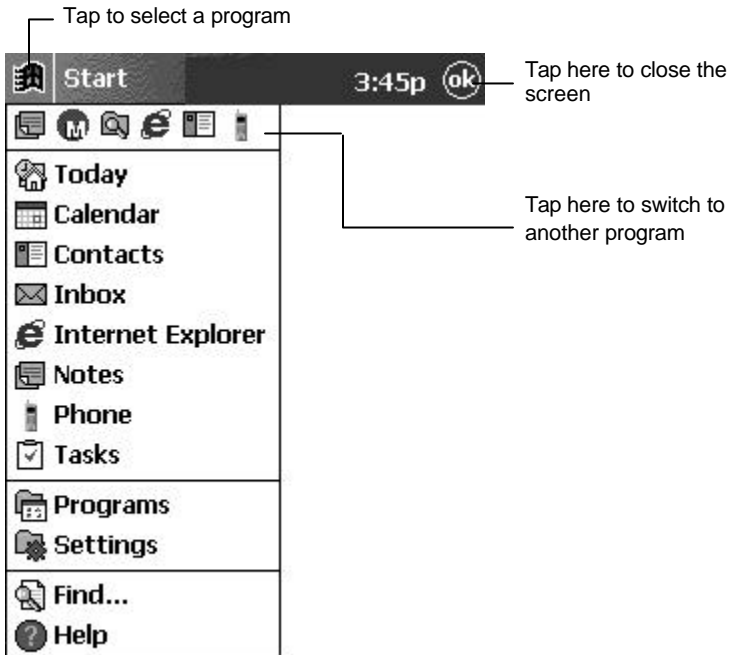
You can switch from one program to another by selecting it from the  (**Start**) menu. You can tap this same icon on the dialing screen during a call to open another program while continuing to talk on the phone. You can customise which programs you see on the **Start** menu (see “Customizing screens and menus”). For some programs, you will need to tap , **Programs**, then a program name to switch to another program.

Note Tapping , then **Phone** displays the dialing screen, but you will be unable to make a call until the phone has been turned on (see “Turning the phone on and off”).

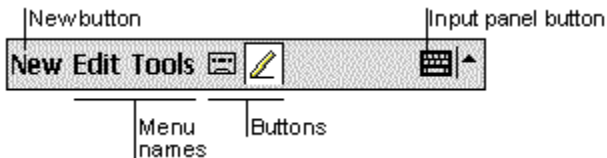
You can also switch to some programs by pressing one of the program buttons located on the front or side of your device. The icons on the buttons identify the programs they display. You can select options for customizing which programs these buttons display (see “Adjusting Pocket PC device settings”).

2.2.7 Navigation bar and command bar

The navigation bar is located at the top of Pocket PC program screens when you tap the  icon. It displays the title of the active program and the current time, and allows you to switch to other programs and close screens.

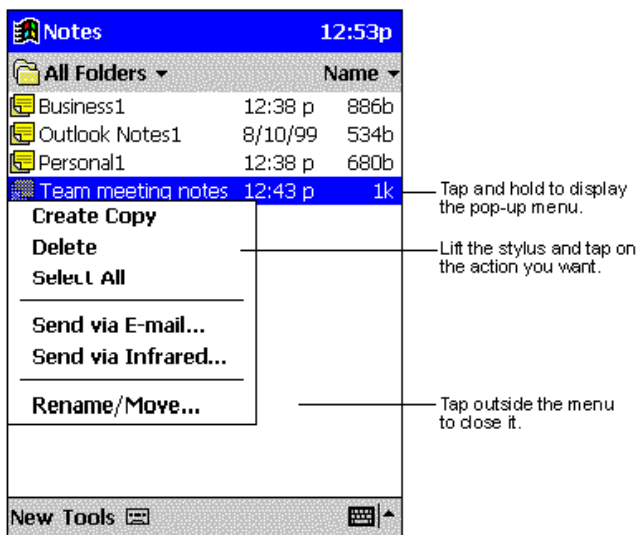


Use the command bar at the bottom of the screen to perform tasks in programs . The command bar includes menu names, buttons, and the input panel button. To create a new item in the current program, tap **New**. To see the name of a button, tap and hold the stylus on the button. Drag the stylus off the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



2.2.8 Pop-up menus

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



2.2.9 Modes of operation

With respect to the phone and PDA components, your WA 3050 device operates in one of three states:

- The PDA is turned on but the phone is off

- The PDA is turned off but the phone is on
- Both the phone and PDA are on

Different capabilities are available and certain restrictions apply in each of these states. Understanding each of these states and some of the restrictions can help you get a better understanding of how your device works at a basic level as well as decide when and whether you need to operate the phone and PDA components at the same time.

When the PDA is on but the phone is off, you can access Pocket PC programs but are unable to make or receive voice calls, receive or reply to SMS messages, or use any of the other programs that utilise data transmission such as EzWAP and Inbox. You may find it useful to work in this mode when you just want to use organizer features or programs and do not want to be interrupted by incoming calls.

In the second state, the PDA is turned off to conserve power. You are unable to access Pocket PC programs or the dialing screen (to make outgoing calls), but you can still receive incoming calls because the phone component is operating in standby mode. When an incoming call is received, the PDA powers automatically on, the dialing screen is displayed automatically, and you can accept or reject the call. Work in this mode when you want to use your device to answer incoming calls.

When the phone and PDA components are on at the same time, you can access and work in Pocket PC programs and answer incoming calls. If you are working in a Pocket PC program and you receive a call, the display changes automatically to the dialing screen, and you can answer or reject the call. When you are done with the call, you can switch back to the program you were working in and wait for the next incoming call.

Note If you switch to one of the programs that utilises wireless data transmission, you will be unable to receive incoming calls during the time that your device is connected.

If you must work with both the PDA and phone on, keep in mind that you will have to charge the battery more often and may not be as productive using organiser or other Pocket PC programs if you are interrupted frequently by incoming calls.

2.2.10 Notifications


Your WA 3050 device uses a variety of ways to notify you when you have something to do. For example, if you have set up an appointment in Calendar, a task with a due date in Tasks, or an alarm in Clock, you will be notified in any of the following ways:

- A status LED flashes (green)
- A message box appears on the screen
- A sound is played.

When you receive an incoming call, your device vibrates and may play a .WAV file or sound a default ring tone. A status LED flashes amber and a .WAV file plays when you receive an SMS message.

When the battery is charging, the GSM status LED flashes amber. When the battery is fully charged, the status LED remains lit until you disconnect the external power supply.

For more information about LED notification, refer to the page facing the inside front cover.

To choose reminder types and sounds, tap , then **Settings**. In the **Personal** tab, tap **Sounds & Reminders**.

To choose the .WAV file that plays when you receive an incoming call, refer to the section “Selecting options for ring tone and vibrating alert”. To choose the .WAV files that play when you receive an incoming SMS or fax, refer to “Configuring SMS & fax settings”.



Caution Be sure to tap **Ok** and close any dialogue boxes when they appear. Failure to do so may result in a loss of your WA 3050 device’s audio capabilities.

2.2.11 Entering information

The number “keys” and other “buttons” on the WA 3050 soft dialing pad are designed to be finger-activated. You can use your fingers or the stylus (if you prefer) to dial a number and select context-sensitive buttons and other options while using your phone.

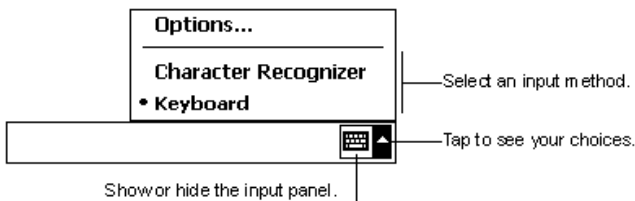
You have a variety options for entering information on other screens:

- Use the soft keyboard or Character Recognizer to enter typed text in the input panel
- Write directly on the screen
- Draw pictures on the screen
- Speak into the microphone to record a message
- Synchronize or copy information from your computer to your WA 3050 device using ActiveSync. For more information on ActiveSync, see the booklet accompanying the ActiveSync CD or refer to the ActiveSync Help.

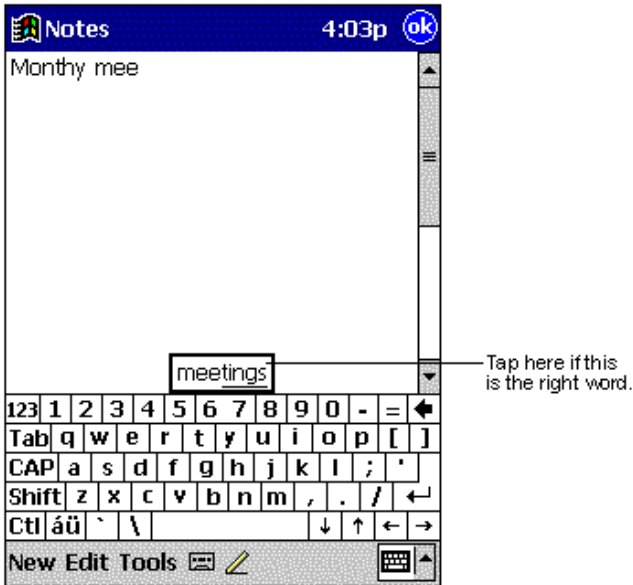
2.2.12 Typing using the input panel


Use the input panel button to enter information in any program. You can either type using the soft keyboard or write using Character Recognizer. In either case, the characters appear as typed text on the screen.

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



When you use the input panel, your WA 3050 device anticipates the word you are typing or writing 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.



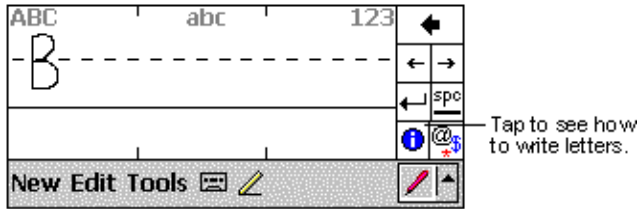
To change word suggestion options, such as the number of words suggested at one time, tap , **Settings, Personal** tab, **Input**, then the **Word Completion** tab.


To type with the soft keyboard

1. Tap the arrow next to the **Input Panel** button, then **Keyboard**.
2. Tap the keys with your stylus on the soft keyboard that is displayed.

To use Character Recognizer

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



When you write a letter, it is converted to typed text that appears on the screen. Some letters must be written in a particular way to be recognized. For information, tap  to see an online demonstration, or see Appendix B for specific instructions on using Character Recognizer.

To select typed text

If you want to edit or format typed text, you must select it first by dragging the stylus across the text you want to select.

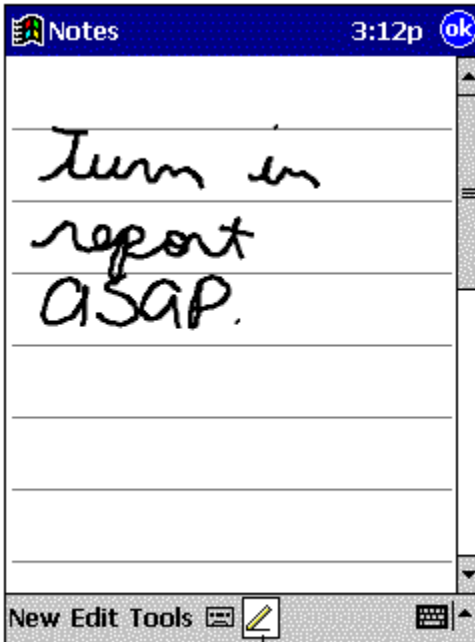
You can cut, copy, and paste text by tapping and holding the selected words then tapping an editing command on the pop-up menu, or by tapping the command on the **Edit** menu.

2.2.13 Writing on the screen

In any program that accepts writing, such as the Notes program and the **Notes** tab in Calendar, Contacts, and Tasks, you can use your stylus to write directly on the screen. Write the way you are used to writing 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

- Tap the **Pen** button to switch to writing mode. This action displays lines on the screen to help you write.



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

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

To select writing

If you want to edit what you write, you must first select it.

1. Tap and hold the stylus next to the text you want to select until the insertion point appears.

- Without lifting the stylus, drag it across the text you want to select.

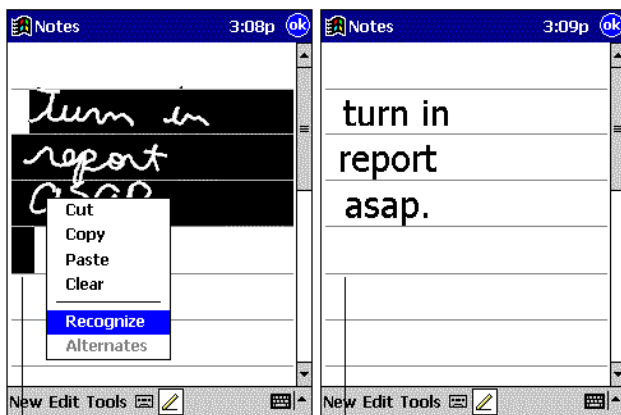
If you accidentally write on the screen, tap **Edit** then **Undo** and try again. You can also select text by tapping the **Pen** button to deselect it then dragging the stylus across the screen.

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

To convert writing to text

- Tap **Tools** and then **Recognize**.

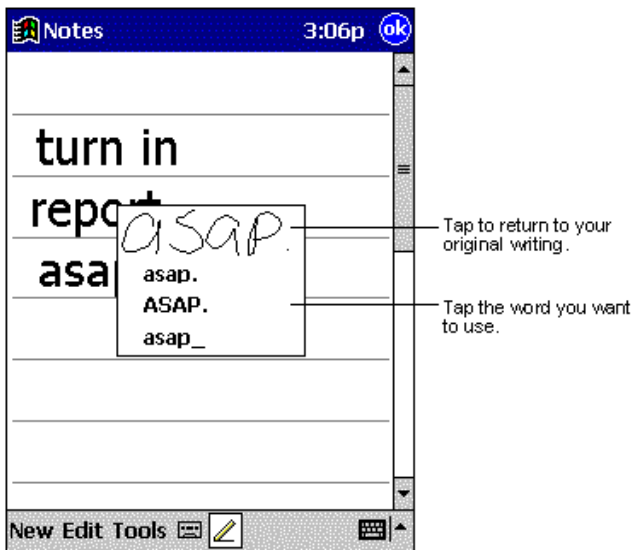
If you want to convert only certain words, select them before tapping **Recognize** on the **Tools** menu (or tap and hold the selected words then tap **Recognize** on the pop-up menu). If a word is not recognized, it is left as writing.



Select the text you want to convert and tap **Recognize** on the pop-up menu.

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



Tips for getting good recognition:

- Write neatly.
- Write on the lines and draw descenders below the line. Write the cross of the “t” and apostrophes below the top line so that they are not confused with the word above. Write periods and commas above the line.
- For better recognition, try increasing the zoom level to 300% using the **Tools** menu.

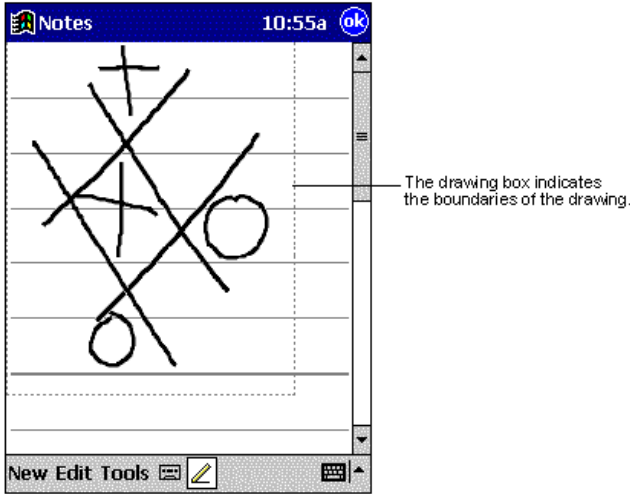
- Write the letters of a word closely and leave big gaps between words so that it is easy to tell where words begin and end.
- Hyphenated words, words that use special characters such as accents, and some punctuation cannot be converted.
- If you add writing to a word to change it (such as changing a “3” to an “8”) after you attempt to recognize the word, the writing you add will not be included if you attempt to recognize the writing again.

2.2.14 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

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



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

To select a drawing

If you want to edit or format a drawing, you must first select it. Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, tap the **Pen** button so that it is no longer selected, then drag to select the drawings you want.

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

2.2.15 Recording a message

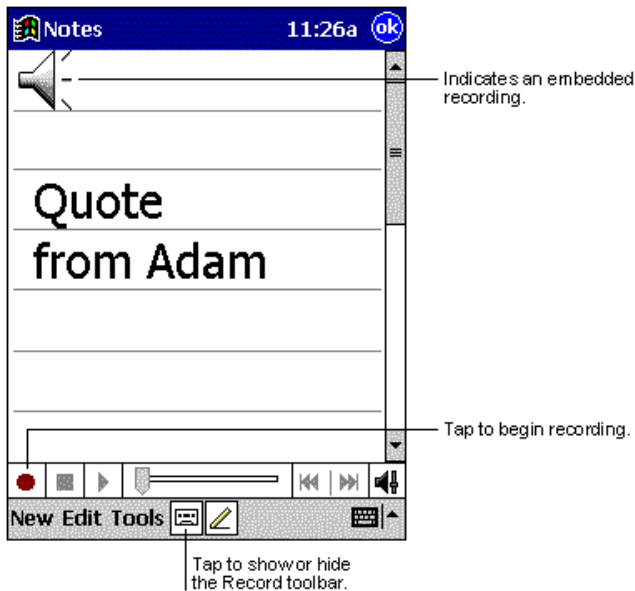
In any program where you can write or draw on the screen, you can also quickly capture thoughts, reminders, and phone numbers by recording a message. In Calendar, Tasks, and Contacts, you can include a recording in the **Notes** tab. In the Notes program, you can either create a stand-alone recording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

To create a recording

1. Hold the WA 3050 so that the microphone is near the audio source.
2. Press and hold the **Record** button until you hear a beep.
3. Make your recording while holding down the **Record** button.
4. Release the **Record** button to stop recording. Two beeps will sound. The new recording appears in the note list or as an embedded icon.

Note You can also make a recording by tapping the **Record** button on the Recording toolbar.


To play a recording, tap it in the list, or tap its icon in the note.



2.2.16 Finding and organizing information

You can find and organise the files and information on your WA 3050 device in much the same way you do on your desktop PC: by using the Find utility or by using File Explorer. Use the Find utility to locate files that contain a specified text string or that match specific criteria. Use File Explorer to find files on your device and to organise these files into folders.


To use the Find utility

1. Tap  then **Find**.
2. In the **Find** box, type the text you want to find.
3. To narrow your search to files of a certain type, select the file type in the **Type** list.

Tip To locate files that are taking up storage space, select **Larger than 64 KB** in **Type**.

4. Tap **Go**.

To access File Explorer

- Tap  and **Programs**, then tap **File Explorer**.

Voice communication

3 Basic calling features


Once you know a little bit about how your device operates and can find your way around the Pocket PC and soft dialing interface, you are ready to start using the basic calling features of the WA 3050 device. You can:

- Turn the phone on and off
- Make a call
- Make an international call
- Make an emergency call
- Answer a call
- Reject a call
- Adjust the speaker volume
- Set the microphone to mute
- Select hands-free mode (use speaker phone)
- Turn off the ringer
- Put a call on hold
- End a call.

3.1 Turning the phone on and off

The first thing to know about using your phone is how to turn it on and off. You must turn it on before you can use calling features and access phone settings. (In addition, a SIM card for a valid subscription must be inserted in order to access settings or do anything other than make emergency calls).

To turn the phone on

- Press and hold down 

At the first switch on of your phone or after a memory dump, there's a data exchange with the message "Retrieving information from the phone...". Please be patient while this exchange is running.



To turn the phone off

- Press and hold down  for a few seconds until the message "The phone is now off" is displayed.

3.2 Making a call

When the phone is on, you can make a call by typing a phone number on the soft dialing pad with your fingers or by tapping each key with the stylus.

To make a call

1. When the dialing screen is displayed, enter a phone number by pressing each corresponding number key on the soft dialing pad.
2. If you make an error, press  to delete the last digit typed, or hold down  to delete everything you typed and reenter the entire number.

3. Press .


You can also dial a number from Contacts (see “Placing a call from the Contacts list”) or the Call Log (see “Using the Call Log”).

3.3 Making an international call

Your WA 3050 device includes support for making international calls. The phone keypad includes the “+” character needed to make this type of call.

Note The ability to make international calls may require authorisation from your carrier provided as part of your subscription.


To make an international call

- Follow local dialing instructions. Press and hold  to enter the “+” symbol when it is required.

3.4 Making an emergency call

You can make an emergency call on any network when the SIM card is absent or a PIN code is activated, or when call barring or fixed dialing is in effect (see “Using the security features of your phone”).


To make an emergency call

1. When the dialing screen is displayed, enter the emergency phone number by pressing each key on the keypad.
2. Press .

3.5 Answering a call

You must leave your phone on to receive incoming calls. The dialing screen does not have to be displayed, and the PDA component does not have to be powered on for you to receive them. If the phone is on and you receive an incoming call, the dialing screen is displayed and you can proceed to answer the call.


To answer a call

1. If there is no call in progress, press  or tap the message area to answer an incoming call.
2. If a call is in progress, you can choose to end the current call, or you can place the caller on hold and answer the incoming call at the same time by tapping the message area.

3.6 Placing a call on hold

If you receive an incoming call when a call is in progress, you can place the current call – which can be a conference call – on hold, then answer the incoming call.

To place a call on hold




- Tap  to place the current call on hold, then tap the message area notifying you of the incoming call to accept it.

3.7 Rejecting a call

If you do not want to answer an incoming call, you can choose to reject it by simply ignoring it. The phone will continue to ring until the caller hangs up or is switched into voice mail (if supported as part of your subscription). If the caller is switched into voice mail, the call is recorded in the

Call Log as a missed call. You also have the option of actively rejecting the call, which causes the phone to stop ringing and sends the caller immediately to voice mail.

To reject a call


- Press or tap  to reject an incoming call. If the phone is on but no calls are underway, pressing  displays the dialing screen with the message area unchanged from the previous call. If the phone is on and an incoming call is received while a call is in progress, pressing  ends all calls in progress and causes the incoming call to ring through.

3.8 Adjusting speaker volume

You can adjust your phone's speaker volume before or during a call. Use the Volume button or select a volume setting using a finger-activated audio control. The speaker volume settings during handset, hands-free, and headset operation are independent of one another, so you may need to readjust the volume when you switch from one mode to another. Note that the speaker volume setting does not affect the system loudness specified as part of configuring the Pocket PC settings (see "Adjusting Pocket PC device settings").

To adjust the speaker volume



Do one of the following:

- Press the Volume button up and down.
- When the dialing screen is displayed, press or tap . Drag the slider on the **Volume** slide up or down.

3.9 Setting the microphone to mute

Sometimes you may want to turn off the receiver (microphone) while you have a caller on the line to speak with someone privately or as a courtesy if your call is interrupted for some reason. Microphone service is restored when you turn it back on or when you end the call.



To set the microphone to mute

1. When the dialing screen is displayed, press or tap .
2. Press or tap .

3.10 Activating hands-free mode

When you need to talk with someone on the phone and use your hands at the same time, you can work in hands-free mode. In this mode, the speaker volume is turned up loud enough so that you do not need to hold your WA 3050 up to your ear to hear the other person's voice. The red LED flashes when hands-free mode is active. You can choose a car kit that makes it easy and safe for you to use your device in hands-free mode while you are driving. Hands-free mode ends when you turn it off or when you end a call.

To activate hands-free mode



1. When the dialing screen is displayed, press or tap .
2. Press or tap .

3.11 Activating silent mode

If you do not want to hear the ringer when you receive an incoming call, you can turn it off before or during a call in progress by activating silent mode. Turning off the ringer does not affect settings specified for vibrating alert (see

“Selecting options for ring tone and vibrating alert”). If you turn the ringer back on, any vibrating alert settings specified previously are again in effect.


To activate silent mode

1. When the dialing screen is displayed, press or tap .
2. Press or tap .

3.12 Ending a call

When you are finished talking, be sure to end your call.

To end a call

- Press  to end the currently active call (details visible in the message area).



Caution Pressing  will end all calls in progress.

4 Advanced calling features

Your WA 3050 device includes a number of advanced calling features that enable you to:

- View the last number dialed
- Redial the most recent incoming or outgoing call
- Select a call for rapid redial
- Place a call from Contacts
- Set up a three-way conference call.




4.1 *Viewing the last number dialed*

When the phone is on but no call is in progress, the message area normally displays the message “All calls are ended”. You can access the Call Log to view the last number dialed (see “Using the Call Log”). You can select a call for rapid redialing from the Call Log if there is a matching number in Contacts.




4.2 *Making a call using rapid redial*

You can use rapid redial to call the most recent incoming or outgoing call.

To redial the most recent call

1. Press  (switches to the dialing screen, or turns on the phone and switches to the dialing screen if both the phone and PDA are turned off).
2. Press  (displays the Call Log).
3. Press  (dials the first entry).


To select a call for rapid redialing

1. Press  to display the dialing screen (if necessary).
2. Press  in order to access the Call Log.
3. Press the **Up and Down** button, or tap the up and down arrow buttons until an entry you want is highlighted.
4. Do any one of the following to automatically redial the number shown in the highlighted entry:
 - Press the action button
 - Tap the entry
 - Press or tap **Call**
 - Press  .

4.3 Making a call from Contacts


You can browse information in Contacts, highlight an entry, then place a call to the selected individual if the entry includes a phone number.

To make a call from Contacts

1. Tap  then **Contacts**.
2. Select an entry on the list.
3. Tap **Tools** then **Call Contact**.


4.4 *Setting up a three-way conference call*

Your WA 3050 device provides support for a caller and two other parties to participate in a three-way conference call.

Conferencing can occur when there are two calls in progress: one active and one on hold. When that call status configuration occurs, the  button lets you conference a caller with another party.

A conference call is equivalent to a single call, even though it is shown with two separate Call Status entries, each of which says “Conference”. Putting a conference call on hold puts all of the parties on hold.

To set up a three-way conference

1. Make a call.
2. Place the caller on hold and make a second call.
3. Tap .

The status for each call changes from “Active call” or “On hold” to “Conference”. If call costs are being shown, the message area includes total call cost (the sum of the costs for the two connected parties).



5 Call-related features

The WA 3050 supports a number of call-related features:

- One-touch access to voice mail
- Activate or deactivate automatic redial when busy
- Review the status of caller ID services
- Block outgoing caller ID until phone powered off
- Activate or deactivate call waiting
- Call forwarding.

5.1 Accessing voice mail

Your WA 3050 device provides one-touch access to your voice mail.

1. Tap  then tap on **Settings**. In **Personal** tab tap on **Phone** then tap on **Ring&Phone numbers**.
2. Tap on **My numbers** tab.
3. Set up the voicemail number (see your operator GSM).
4. Tap on .


To access voice mail

- Press and hold down .


5.2 Activating or deactivating automatic redial when busy

If you receive a busy signal when you make a call, you can choose to have the number redialed automatically or end the call. Settings enable you to specify whether and how automatic redialing should occur.

To activate or deactivate automatic redial when busy

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.
2. Tap the **Other** tab.
3. By default, **Automatic redial when busy / Ask before redialing** is enabled. This option enables you to specify whether to redial an individual call when the



line is busy. To have a call redialed automatically within ten seconds when there is a busy signal, tap **Redial without asking**. (If you select this option, you can still cancel an automatic redial within ten seconds.)

4. If you do not want to use automatic redial, tap **Automatic redial when busy** so that it is deactivated (not selected).
5. Tap .

5.3 *Reviewing the status of caller ID settings*

Your WA 3050 device enables you to review the status of caller ID settings.



To review the status of caller ID settings

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.
2. Review caller ID settings.
3. Tap .

5.4 *Blocking outgoing caller ID until the phone is powered off*

You can select the option of blocking outgoing caller ID. If enabled, this option causes a request to be sent to the network to block caller ID on outgoing calls when you make a call. If you want to use this feature, you can select it any time after you turn on the phone but before making a call. Unlike **Block your caller ID for outgoing calls**, this option gives you some control over the blocking of your caller ID but must be set each time you turn on your phone if you want to use it.



To block caller ID until the phone is powered off (anonymous call)

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.
2. Tap **Block your caller ID for outgoing calls (anonymous calls)**.
3. Tap .

5.5 *Activating or deactivating call waiting*

For most phone subscriptions, call waiting is enabled by default. If you deactivate this feature, you will not be able to answer any incoming calls received during a call in progress. Callers will hear a busy signal, and calls will not be recorded as missed.



To activate or deactivate call waiting

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.
2. Tap the **Other** tab.
3. Tap **Allow call waiting** to activate or deactivate it.
4. Tap .

5.6 *Forwarding voice, data, or fax calls*

The WA 3050 enables you to customise call forwarding for voice, data, and fax calls. It provides basic forwarding for any type of call and additional forwarding options for voice calls if a line is busy, or if a caller is unavailable (phone is turned off) or not answering calls.

To forward voice, data, or fax calls

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.
2. Tap the **Forward** tab.
3. Tap ▼ on the **Call type** box and tap **Voice**, **Data**, or **Fax**.
4. To specify a forwarding destination to use all the time for the type of call selected, tap **Always forward to**. Tap ▼ at the right and tap **Voice**, **Data**, or **Fax**. These options equate to the numbers shown when you review the phone numbers associated with your personal subscription (see “Specifying voice mail and other personal numbers”).
5. To specify multiple forwarding options for voice calls, tap **Forward to the following numbers**. (This option is disabled for Data or Fax calls.)
6. Do one or more of the following:
 - Tap **If busy**, then tap ▼ at the right to enter or select a phone number to which calls will be forwarded when the line is busy.
 - Tap **If unavailable**, then tap ▼ at the right to enter or select a phone number to which calls will be forwarded when a voice call is received during a data call, when the modem is in use, or when your phone is turned off.
 - Tap **If no answer after**, then tap ▼ at the right and select a time interval after which calls will be forwarded. Tap ▼ to the right of **forward to** and enter or select a phone number to which voice calls will be forwarded when there is no answer after the time interval has passed.
7. Tap .

6 Using Call Status

The message area on the dialing screen displays information about the status of calls in progress. When you make a call, it displays some or all of the following:

- The number you are dialing
- The name of the party you are calling if there is a matching caller ID in the Contacts list
- Other information such as call length and cost if activated.

If you receive an incoming call during a call in progress, the message area announces the incoming call and may include the caller's name and number if the caller ID is available and it matches one in the Contacts list.





The contents of the message area changes depending on the status of calling activity. The Call Status feature enables you to monitor the status of two or more calls in progress (up to four at a time) and to perform an action based on the information in the entry, the type of call, and available options. Call Status lets you switch among multiple calls without ending any of them.

Monitoring the status of calls in progress

Access the Call Status feature to monitor the status of multiple calls in progress.




To monitor the status of calls in progress

1. If more than one call is in progress, press  to access Call Status.
2. Review the list of entries. Do one of the following (depending on the type of call and options that apply):
 - View summary-level Contacts information for the current call
 - Put the current call on hold and switch to another call
 - Set up a three-way conference call
 - Press or tap  again to hide the Call Status entries.

6.2 Viewing summary-level Contacts information

If caller ID is included on the Call Status entry for the currently active call, there is a matching caller ID in the Contacts list. In this case, you can view summary-level Contacts information for an entry without interrupting or ending any of your calls.



To view summary-level Contacts information for the currently active call

1. Press or tap  .
2. Review the list of entries.
3. If the currently active entry includes a caller ID, press  to view summary-level Contacts information.
4. Press  or tap **OK** to return to the dialing screen.

6.3 Switching between different calls in progress

As part of monitoring the status of calls in progress, you can put the current caller on hold and answer an incoming call or switch to another call on hold.

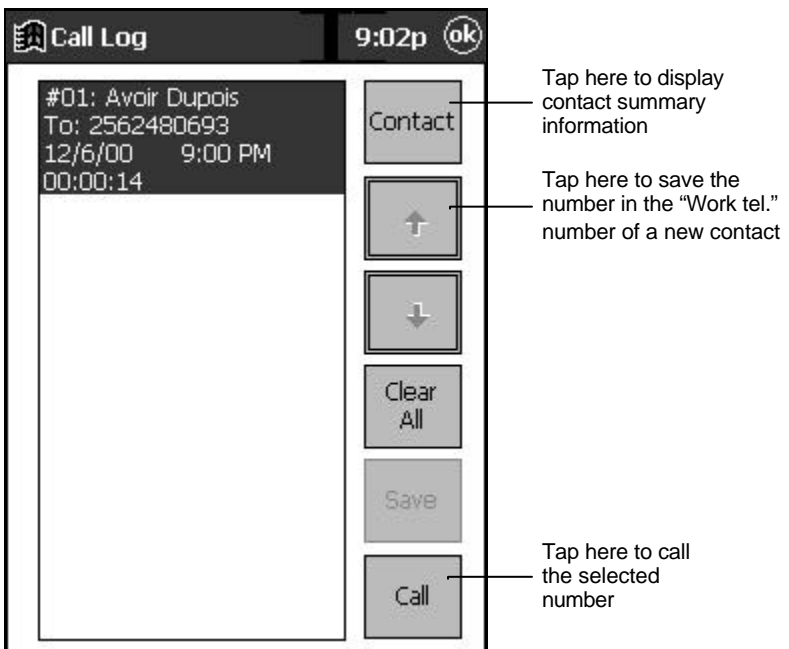
To switch between different calls in progress

1. Press or tap  .
2. Review the list of entries.
3. Tap the entry announcing an incoming call to put the current call on hold and answer the incoming call.
4. If there are no incoming calls and you would like to switch to another call on hold, let your caller know that you are putting them on hold, then tap  to put your caller on hold and make the call that has been on hold the active call.

7 Using the Call Log

The Call Log allows you to view a list of all incoming (←), outgoing (→), or missed (☒) calls. It can hold up to 20 entries showing the date and time of each call.

If you choose the option for showing call length and cost (if supported by your subscription), the Call Log includes this information as well (see “Setting options to show call length and cost, and delete the call log”).



If caller ID is blocked or there is no data, a call is not logged in the Call Log. And only the most recent call is retained if you make or receive more than one call to or from the same number.




If there is a matching contact for an entry highlighted in the Call Log, the **Contact** button is active. Press the **Call** button to make a call to a highlighted number, or press the **Contact** button to display the Contact Summary screen.

If there is no matching contact for a highlighted entry, the **Save** button is active. Press **Save** to save the number in the “Work tel.” number of a new Contact with the name “Unnamed”. You can later open the Contacts application and modify that entry by moving the phone number to another field, and add the caller’s name and any notes you wish to make.

7.1 *Reviewing calls made, received, or missed*

Access the Call Log to review all calls made (➔), received (➤), or missed (☒).



To review calls made, received, or missed

1. When the phone is turned on, press or tap  to access the Call Log.
2. Press or tap ↑ and ↓ or rock the **Up/Down** control to scroll the list and highlight successive entries. If there is a matching contact for a highlighted entry, the **Call** and **Contact** buttons are activated.
3. Do one or more of the following:
 - Review the length and cost of calls if this information is available (see “Setting options to show call length and cost, and delete the call log”)
 - Tap an entry, tap or press the **Call** button, or press  to place a call to the highlighted or selected number
 - Press the **Contact** button to display the Contact Summary screen
 - Press **Save** to create a new entry in Contacts
 - Delete all of the information in the Call Log (see “Deleting the information in the Call Log”).
4. When you are done using the Call Log, tap .

7.2 Deleting the information in the Call Log



Your WA 3050 device gives you the option of deleting the information in the Call Log after the phone is turned off. By default, the information in the Call Log is retained when the phone is powered off unless you change this setting (see “Setting options to show call length and cost, and delete the call log”). In addition, you have the option to delete all of the information in the Call Log while the phone is turned on.

To delete all of the information in the Call Log (while phone is on)

1. When the phone is turned on, press or tap  .
2. Press or tap **↑** and **↓** or rock the **Up/Down** control to scroll the list of entries.
3. If you are sure you want to delete the contents of the Call Log, press or tap **Clear All**.
4. Tap .



8 Using the security features of your phone

For your protection, the WA 3050 provides a number of security features to prevent unauthorised activation, access, and use of your device. It includes a Pocket PC standard option for setting a user-defined password to access the PDA (see “Setting a PDA password”). In addition, it includes a number of options that let you customise the type of security you want for your phone:

- Locking the  and  keys
- Activating the use of a PIN code
- Call barring
- Fixed dialing
- Cost limitations.



Note Although phone security features are configured by selecting options from the Settings panel, your SIM card must be inserted into the back of your device to change security and other phone settings and to activate any changes you make.

8.1 Locking the and phone keys

To prevent your phone from being turned on unintentionally, the WA 3050 includes an option for locking the  and  keys. If you press one of these keys when this option has been enabled, a pop-up window appears asking you if you want to unlock the keys to use the phone. You can unlock the keys by selecting “Yes” or by pressing the Action button, or you can leave them locked and proceed to use the phone. If you leave the keys

locked and use the phone, the keys are locked again automatically in 30 seconds. You may find this feature useful if you store your device in a briefcase or purse or carry it in your coat pocket for extended periods of time when travelling.



To lock the and phone keys

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap **Other**.
3. Tap **Lock Green and Red keys**. Tap this option again to cancel your selection.
4. Tap .

8.2 *Activating the use of a PIN code*


Your WA 3050 device includes an option for activating the use of a PIN code whenever the phone is turned on. If your device is lost or stolen, it cannot be used to make or receive calls if this option is enabled.

To activate the use of a PIN code



1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Require PIN code when the phone is powered on** so that it is selected.
3. On the **PIN entry** window, press the keys or use the stylus to type a PIN code. PIN codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter your PIN code.

Note If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your

carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.

4. Tap **OK** on the **PIN entry** window to enter the PIN code.
5. Tap .




To deactivate the use of a PIN code

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Require PIN code when the phone is powered on** so that it is no longer selected.
3. Enter your phone PIN code.
4. Tap **OK**.
5. Tap .

8.3 *Changing the PIN code*

Occasionally, you may want to change your PIN code for security reasons.




To change the PIN code

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Change PIN code**.
3. Enter the current PIN code on the PIN entry screen.
4. On the **PIN entry** window, use the stylus to type a new PIN code. PIN codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter your PIN code.
Note If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.
5. Tap **OK**, then enter the new PIN code again.
6. Tap .

8.4 Changing the PIN2 code

A PIN2 code is required to access and activate call cost options. You may want to update it periodically for security reasons.

To change the PIN2 code




1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Change PIN2 code**.
3. On the **PIN entry** window, use the stylus to type a new PIN2 code. PIN2 codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter your PIN2 code.
Note If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.
4. Tap **OK** on the **PIN entry** window to enter the new PIN2 code.
5. Tap .

8.5 **Activating call barring**

Call barring prevents you or another individual from using your phone to make or receive different types of calls. Depending on your subscription, no call-barring restrictions may be in effect when your phone service is established, but the WA 3050 provides you with options for restricting incoming and outgoing calls. When outgoing call-barring restrictions are in effect, the message “The phone is not allowed to call that number.” is displayed if you attempt to call a restricted number.

Note You will need to use a password issued to you by your carrier to complete the procedure for activating call barring. This password is different from both the PIN and PIN2 codes.

To activate call barring

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap the **Barring** tab.
3. Tap ▼ on the **Call type** box and tap **Voice**, **Data**, or **Fax**.
4. Tap the options you want to define call barring for incoming and outgoing calls.
5. Tap .
6. On the **PIN entry** window, use the stylus to type your call barring password. Unlike the PIN or PIN2 codes, this password is only 4 characters long. If you make an error, press and hold  to delete what you typed and reenter your call barring password.

Note If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your


carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.


7. When you have typed your password correctly, tap **OK** to enter it and close the **PIN entry** window.
8. Complete Steps 3-7 for each type of call – **Voice**, **Data**, or **Fax** – for which you want to activate call barring.
9. When you are done activating call barring, tap **ok**.

8.6 *Activating fixed dialing numbers*

Your WA 3050 device gives you the option of using fixed dialing to restrict the numbers that can be dialed from your phone. Fixed dialing numbers are stored in a special directory on the SIM card (separate from other numbers that may be stored on the SIM). The message “The phone is not allowed to call that number.” is displayed if you attempt to call a number that is not on the list when fixed dialing is in effect.

To activate fixed dialing numbers

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Fixed Numbers** to display the Fixed Numbers screen.
3. Tap **Only allow calls to fixed numbers**.
4. Tap in the **Name** box to enter the name of a contact. Names can have a maximum of 241 characters. Note that a number can be entered without a name, but a name must have a number entered for it.
5. Tap in the **Number** box, then type the contact number. Numbers can have a maximum of 20 digits.
6. Tap **Add** to add the name and number to the list of fixed dialing numbers.

Note The PIN entry screen is displayed the first time **Add** or **Remove** is selected. Use the stylus to type your PIN2 code. PIN2 codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter your code.

If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your


carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.


7. Repeat Steps 4-7 to create additional entries. The number of entries you can create will depend on the capacity of the SIM card. After the last available spot in the fixed number list (maximum determined by SIM card), a horizontal line indicates how many numbers can still be entered.
8. Tap **Remove** to move a highlighted number from the list to the number input area where you can edit or delete it. Enter the PIN2 code if the PIN entry screen is displayed. Tap **Add** to apply your changes.
9. Tap **ok**.
10. To deactivate the use of fixed dialing numbers, repeat Steps 1-3 and select **Only allow calls to fixed numbers** so that this option is not selected, then tap **ok**.

8.7 *Activating cost limitations*


In addition to call barring and fixed dialing, the WA 3050 includes an option for setting cost limitations to restrict phone usage. This option enables you to authorise a fixed amount of phone service, which could be useful if your device is on loan to a friend or coworker.

To activate cost limitations

1. Complete the procedure for showing call cost (see “Setting options to show call length and cost, and delete the call log”) if you have not done so.
2. Before closing the Cost window, enter an amount not to exceed a fixed cost of service in the box to the right of **Limit cost to**.
3. Tap **Limit cost to** if it is not selected.
4. Tap .

Note The PIN entry screen is displayed the first time any value is changed. Use the stylus to type your PIN2 code. PIN2 codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter the code.

If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.



5. Tap **OK** on the PIN entry screen.
6. Tap .

8.8 Turning off transmission of DTMF tones

By default, DTMF tones (“bips”) are transmitted over the network when you make a call. These tones are necessary to use features of applications such as automated voice response systems and voice mail.

You can turn off the transmission of DTMF tones if you do not want someone to hear them when you dial another number during a call in progress.

To turn off transmission of network DTMF tones

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.
2. Tap the **Network** tab.
3. Tap **Network transmits DTMF tones** so that it is not selected.
4. Tap .

9 Using the Sync SIM utility

In addition to subscription information, your SIM card contains a directory for storing frequently dialed phone numbers. The number of phone numbers you can store depends on the capacity of the card issued by your carrier. If you know its location (index number) in the directory, you can dial a number by keying in its index number followed by the pound sign (#) on the dialing screen.


You can remove the SIM card, insert it into a compatible phone or another WA 3050 unit, and continue to access the directory of frequently dialed phone numbers to place a call.

On a Pocket PC device, Contacts is the main place for storing names and phone numbers and other contact information. If you use another phone or WA 3050 unit, you can use the Sync SIM utility installed on your WA 3050 device to:

- Save SIM entries to Contacts
- Add, modify, or delete entries on the SIM
- Copy names and numbers from Contacts to the SIM card.


Note Your phone must be powered on for you to access any of the Sync SIM functions.

To save a SIM entry to Contacts

1. Tap , **Programs**, then **Sync SIM**.
2. Tap an entry not preceded by a check mark.
3. Tap **Tools, Save SIM Entry...** to update Contacts with the selected entry. The **Save SIM Entry to Contact** view is displayed.


4. Make any needed changes to the name and phone number shown.
5. By default, a phone number is saved as a mobile telephone number (**Mobile tel**) in Contacts. To save it as another type of number, hold the stylus on ▼ next to **Mobile tel**, then tap **Work tel** or **Home tel**.
6. Tap **OK** to update Contacts, or **Cancel** to cancel your selection.
7. Repeat Steps 2-6 for each entry you want to save to Contacts, or select another option.

To save all SIM entries to Contacts

1. Tap , **Programs**, then **Sync SIM**.
2. Tap **Tools, Save All** to update Contacts with all entries that do not have a matching phone number in Contacts. These entries are **not** preceded by a check mark. For each entry saved in this way, an “Unnamed” entry is created in Contacts. Phone numbers are saved as “Mobile tel” numbers for each “Unnamed” entry.


You will need to open the Contacts application and edit each of these entries to add meaningful names, move phone numbers to other fields, and add any other information.

To add a SIM entry


1. Tap , **Programs**, then **Sync SIM**.
2. Highlight a blank entry.
3. Tap **Tools, Modify SIM Entry....**
4. Tap and type in information for **Name**, **Number**, and **Index**.
5. Tap **OK** to save your changes, or **Cancel** to cancel your selection.

6. Save the new entry to Contacts, or select another option.
7. Tap **Tools**, **Refresh** to refresh the listing of SIM entries.

To modify a SIM entry

1. Tap , **Programs**, then **Sync SIM**.
2. Tap an entry.
3. Tap **Tools**, **Modify SIM Entry...**
4. Tap **Name** and **Index** and make any needed changes.
5. Tap **OK** to save your changes, or **Cancel** to cancel your selection.
6. Tap **Tools**, **Refresh** to refresh the listing of SIM entries.


To delete a SIM entry

1. Tap , **Programs**, then **Sync SIM**.
2. Tap an entry.
3. Tap **Tools**, **Delete SIM Entry**.
4. Tap **OK** to delete the selected entry, or **Cancel** to cancel your selection.

Note If there is an entry for the same phone number in Contacts, you will need to open Contacts to modify or delete it. An entry already exists in Contacts for each item that is preceded by a check mark.

5. Tap **Tools**, **Refresh** to refresh the listing of SIM entries, or select another option.

To copy names and numbers from **Contacts** to the **SIM card**

1. Tap , **Programs**, then **Sync SIM**.
2. Tap **View**, then **Contacts View**.
3. Tap an entry not preceded by a check mark.
4. Tap **Tools, Save Contact...** to copy the selected name and number to the directory on the SIM card.
5. Repeat Steps 2-4 for each entry you want to copy.
6. Tap **View, SIM View** to save a SIM entry to **Contacts**, or select another option.

SMS ▪ fax ▪ WAP ▪ e-mail ▪ Web browser

10 Using wireless data applications

Your WA 3050 device provides built-in support for several forms of wireless data communication. For example, an on-board Infrared transceiver enables you to send and receive information with another IR-compatible Windows-powered device (see “Transferring items using Infrared”). A combination of Windows and specialised third-party software enables you to accomplish the following when the phone is turned on but idle (no calls in progress):

- Send SMS and faxes
- Browse the Web and view WAP-enabled sites
- Send and receive e-mail.


Some additional services must be available before you can take advantage of these capabilities. First, your GSM network phone subscription must include support for data transmission. If you are unsure whether your subscription includes this support, check with your carrier. You will also need to establish an account with an Internet Service Provider (ISP) for Web access and e-mail service. In some cases, your wireless phone carrier may also serve as your ISP by providing dial-up access to the Internet. The way you access WAP-enabled sites also may depend on whether or not your carrier or ISP provides a WAP Gateway.

Once support for data transmission and Internet access are in place, you need to complete some set-up tasks to ensure that software is properly configured, and to define at least one dial-up connection.

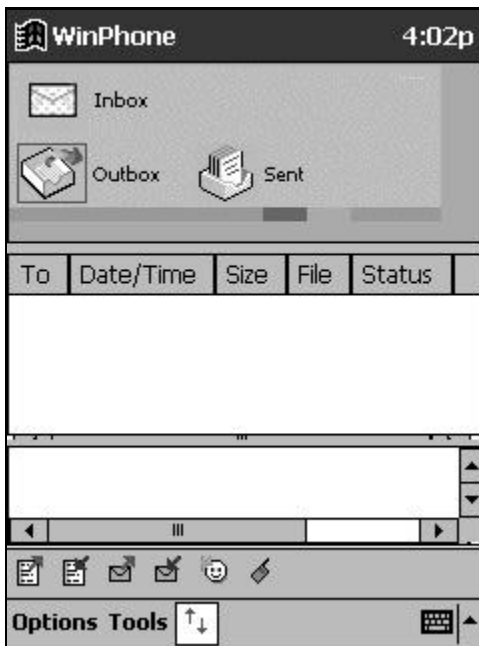
10.1 Configuring SMS & fax settings

Before attempting to send or receive SMS, review SMS settings to select an SMS Service Center, choose a recording that plays when you receive an incoming SMS, and select event log options. Review fax settings to specify sender information, transmission properties, and formatting options.


To configure SMS settings

Tap , **Programs**, then **SMS & Fax**.


1. To display the WinPhone main window:



2. Tap **Tools, Settings**.


3. Tap the **Service Center** tab.
4. Tap ▼ and select an SMS Service Center number.
5. Tap the **Rings** tab to select recordings that will play when you have an incoming SMS or fax.
6. Tap the **Technical support** tab to select event log options.
7. Tap .

To configure fax settings

1. Tap , **Programs**, then **SMS & Fax**.
2. Display the WinPhone main window.
3. Tap **Tools**, then **Settings**.
4. On the **Sender** tab, enter your personal contact information or tap **Copy Owner Properties** to copy it from the Pocket PC Owner properties window. This information will appear on a fax cover page.
5. Tap the **Transmission** tab. Configure the following settings:
 - **Default Cover page**
 - **Logo of the cover page**

Tap **Browse** to select a file containing the logo you want to use. Select **Auto size** if you want the logo to fill the whole area assigned to it. Select **Center** if you want the logo centered in the area assigned to it.
 - **Send in Fine Mode**
 - **Receive in Fine Mode**





The quality of a fax is enhanced by the selected options but the transmission time doubles if you select either of these options.
 - **Use Dialing Properties**

Select this option to use Dialing Properties defined in Pocket PC Settings.
6. Tap the **Layout** tab to select a **Font** and specify **Margins**.
7. Tap .

10.2 Configuring WAP settings

Depending on your Internet Service Provider, you may connect to WAP sites through a Gateway or individually by entering specific WAP-enabled URLs. Access WAP settings to configure connection preferences accordingly.

To configure WAP settings

1. Do one of the following:
 - Press the  program button, or
 - Tap , **Programs**, then **WAP Browser**.
2. On the EzWAP main window, tap .
3. Tap **Preferences**.
4. Tap  to conceal the soft keyboard if necessary.
5. Tap the **Connection** tab.
6. Select a connection from the **Connection** drop-down list. If no connections are listed, you must define one (see “Getting connected”). Tap **Connect automatically** to activate the connection when you activate EzWAP.
7. Do one of the following:
 - Tap **Proxy** if you need access through a Proxy server. Enter the Proxy server IP address, port, and authentication user ID and password (if required).
 - Tap **Gateway** if you need access through a Gateway. Enter the IP address and port, then select **Connectionless gateway** if the gateway operates in connectionless mode and **Digital gateway (v110)** if applicable.
 - Tap **None** if you do not need access through a Proxy server or Gateway.

8. Tap .

10.3 *Sending and receiving SMS*

With Winphone you can create multiple SMS messages and send them at once, or you can send each message as you create it. You can obtain recipient information from Contacts, modify recipient information if you need to, and create messages that have multiple recipients.

Note Before attempting to send or receive messages, be sure that you have selected an SMS Service Center number (see “Configuring SMS and fax settings”).

10.3.1 Sending an SMS message


You can create and send an SMS message whenever the WA 3050 phone component is turned on and available (no voice calls or Internet session in progress).

Note The phone must be turned on to send or receive SMS messages or to use any of the other programs that utilise data transmission such as EzWAP, Pocket Internet Explorer, and Inbox. You will be unable to make or receive voice calls during the time that your device is connected.





To send an SMS message

1. Do one of the following:

- Press the  program button, or
- Tap , **Programs**, then **SMS & Fax**



Note You can also tap **New** then **SMS**, or tap  when the WinPhone main window is displayed.

2. Enter your recipient’s contact information using one of the following methods:



- Type the recipient's telephone number in the **Mobile Tel.** field using the soft keyboard. Be sure to include the area code and country code if required.
 - Tap **Select from Contacts** to use information from Contacts. Tap an entry to select it from the list of contacts displayed.
3. Tap .
 4. Type your message. When you are done, tap  to conceal the soft keyboard.
 5. Do one or more of the following:
 - Tap **Send now** if you want to send your message immediately, without storing it in the WinPhone Outbox.
 - Tap **High priority** if your message is urgent.
 - Tap **Read Receipt Request** to receive a confirmation that your SMS has been delivered correctly.
 - Tap **UCS2 Format** to send an SMS using international character coding. Select this option if your message includes characters not supported by default GSM alphabet coding and if you know that your recipient's phone is UCS2-compatible. By default, SMS messages can be up to 160 characters in length. If you select UCS2 formatting, they are limited to 70 characters.
 6. Do one of the following:
 - Tap . If you selected **Send now** in Step 5, your message is sent. If you did not select **Send now** in Step 5, your message is saved with any other messages to be sent in the WinPhone Outbox. Tap the Outbox icon  (if necessary), highlight the message, then tap **Tools, Send** to send it.

- Tap **Back** to modify recipient information, to specify additional recipients (if sending a message to multiple recipients), or to prepare another message to send.
- Tap **Cancel** if you do not want to send the message. Your message is not sent and its contents are deleted if you select this option.

To modify recipient information





1. On the Create a new SMS screen, tap a recipient's number which displays in the **Mobile Tel.** field.
2. Edit the phone number using the soft keyboard. When you are done, tap  to conceal the soft keyboard, then tap **Modify** to apply your changes.
3. Tap  to send the message (if you selected **Send now**) or to have it added to the WinPhone Outbox for later delivery.

To specify an additional recipient

1. On the Create a new SMS screen, tap a recipient's number, tap in the **Mobile Tel.** field, then type an additional recipient's phone number.
2. Tap  to conceal the soft keyboard, then tap **Add**.
3. Tap  to send the message (if you selected **Send now**) or to have it added to the WinPhone Outbox for later delivery.

10.3.2 Reading and replying to SMS messages

To read and reply to an SMS message



1. On the WinPhone main window, tap the **Inbox** icon  to view downloaded messages.
2. Highlight a message.
3. Tap **Tools** then **View**.
4. To reply to the message, tap **Tools** then **Reply**.
5. Tap .
6. Tap in the message input area and enter the text of your reply (see chapter "Sending an SMS message").
7. Do one of the following:
 - Tap . If you did not select **Send now** in Step 7, your reply is saved in the WinPhone Outbox. Tap the **Outbox** icon , highlight the message, then tap **Tools, Send** to send it
 - Tap **Back** to read and reply to any other messages
 - Tap **Cancel** if you do not want to reply to any other messages.

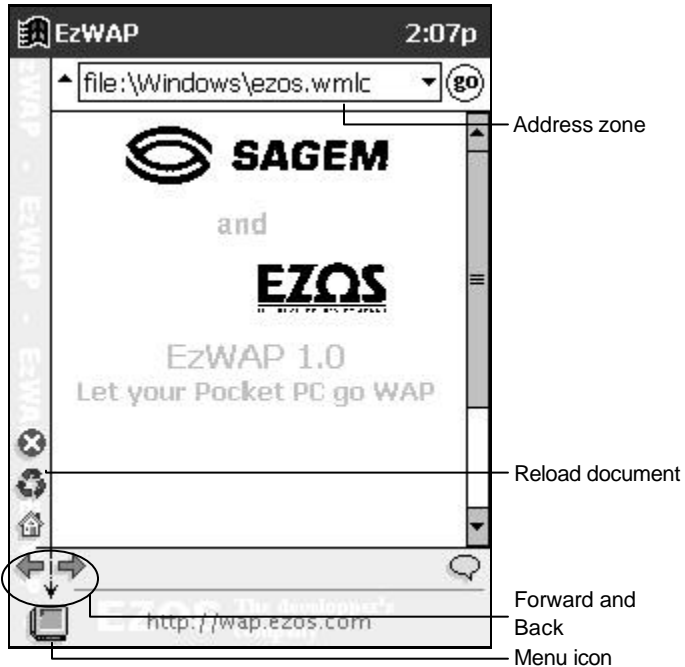
WAP Browser

Activate or switch to the EzWAP program to browse WAP-enabled sites from your device. EzWAP is pre-installed. All you need to do is configure a dial-up connection to an Internet Service Provider (see “Connecting to an ISP”) and configure program settings (see “Configuring WAP settings”) before activating it.

Note The phone must be turned on but idle (no calls in progress) to browse WAP sites using EzWAP. You will be unable to make or receive voice calls during the time that your device is connected.

To activate the EzWAP microbrowser

- Press the  program button, or
- Tap , **Programs**, then **WAP Browser** to display the main window:




10.4.1 Viewing WAP-enabled sites

EzWAP offers many features similar to standard HTML browsers. Among these features are Stop, Reload, Home, Forward, and Back buttons. The EzWAP menu offers options for bookmarking sites, configuring the display for better viewing of WML content (“Phone behavior”), and additional configuration settings (see “Preferences” option). The basic procedure for viewing a WAP-enabled site is similar to that for a standard HTML browser.

Note When you are done using EzWAP, be sure to close the connection (see “Ending a connection”). You will be unable to make or receive calls or to use applications such as WinPhone, Pocket Internet Explorer, or Inbox if you leave the connection open.

To view a WAP-enabled site

1. Tap in the address zone, then type the URL you want to view.
2. Tap .

To display the EzWAP menu

- Tap .

To display the contextual pop-up menu

- Tap .

10.5 Fax




Activate or switch to the WinPhone application to send or receive faxes.

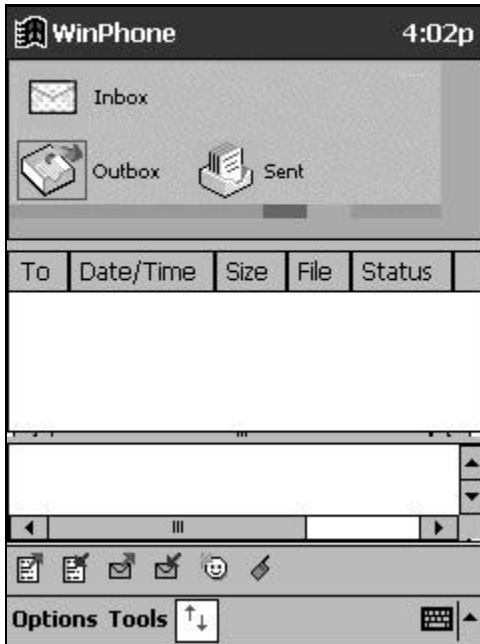
10.5.1 Sending and receiving faxes



WinPhone uses the number defined in **Settings / My Phone numbers** as the number at which faxes will be received (see “Specifying voice mail and other personal numbers”). If you have defined fax call forwarding (see “Forwarding voice, data, or fax calls”), you must remember where to retrieve incoming faxes when forwarding is in effect.


Note The phone must be turned on but idle (no calls in progress) to send or receive a fax. You will be unable to make or receive voice calls during the time that your device is connected.

To send a fax

1. Do one of the following:
 - Press the  program button, or
 - Tap , **Programs**, then **SMS & Fax**.
2. Tap  to conceal the soft keyboard, then **Cancel** to display the WinPhone main window:




3. Tap **New** then **Fax**, or tap .
4. Enter your recipient's contact information using one of the following methods:
 - Enter values for **Name**, **Company**, and **Fax Number** using the soft keyboard, then tap **Add**. Tap **Add to Contacts** to copy the name and number to Contacts
 - Tap **Select from Contacts** to use information from Contacts. Tap an entry to select it from the list of contacts displayed
 - Tap **Cancel** to terminate sending the fax. The fax is not sent and its contents are deleted if you choose this option.
5. Tap .

6. Type the text of any message you want to include as part of your fax.
7. Select a **Cover Page** if you want a separate cover page.
8. Tap **Browse** to attach a separate document.
9. Tap **Fine Mode** to send your fax with high resolution.
Note The quality of a fax is enhanced but the transmission time doubles if you select this option.
10. Tap **Send now** if you want to send your fax immediately, without storing it in the WinPhone Outbox.
11. Tap **Preview** to preview the fax you are creating. Select additional options from the command bar while previewing your fax. For example, tap **View**, **Zoom out** to decrease magnification.
When you are done previewing your fax, tap **File**, **Send** to send it and return to the WinPhone main window, or **File**, **Close** to close the preview window and return to the previous screen.
12. Tap  to send the fax immediately (if you selected Send now in Step 10) or return to the WinPhone main window.
13. On the WinPhone main window, do one of the following:
 - Repeat Steps 3-12 to create additional faxes, or highlight the information shown about the fax you just created and tap **Tools**, **Send** to send it
 - Repeat Steps 3-12 to create additional faxes. Tap **Tools**, **Send all faxes** to send all of the faxes waiting to be sent in the Outbox folder.

14. Sometimes a fax machine is busy or off-line and you are unable to send a fax. Repeat Step 13 to send an individual fax or any unsent faxes if this happens.

To receive a fax

1. On the WinPhone main window, tap **Tools** then **Receive a fax**, or tap . WinPhone switches to fax reception mode and waits for the incoming transmission.



Caution Do not attempt to switch to another program during receipt of an incoming fax. Tap **Cancel** if you need to interrupt fax reception mode.

2. When fax transmission is complete, WinPhone closes the connection automatically. If necessary, tap **OK** to close the dialogue box.
3. Select **Inbox** (if necessary) to display the list of faxes received. Highlight the most recent item, then tap **Tools, View** to view it.

Note You will not be able to retrieve and view in the WinPhone Inbox any incoming faxes received when fax call forwarding is in effect (see “Forwarding voice, data, or fax calls”). In this case, you will have to retrieve incoming faxes at the location to which faxes are being forwarded, which could be a hotel lobby fax machine, another fax-capable PDA, or other device.

10.5.2 Viewing and annotating a fax

You can view a fax you have created, sent, or received and select options for zooming magnification, rotating it 180 degrees, or adding an annotation. You can use the stylus to add your signature, a note, or responses to a fax you received before sending it back to the sender.

To view and annotate a fax

1. On the WinPhone main window, select **Inbox**, **Outbox**, or the **Sent** folder as needed, then highlight a fax you want to view.
2. When the fax is displayed in preview mode, tap **Tools** then **View**.
3. Tap **Zoom in** or **Zoom out** to increase or decrease magnification, **Zoom factor** to select a different zoom factor, or **Full page** to view it in full-page mode. Tap **Rotate 180°** to rotate it 180 degrees.
4. Tap **Edit** then **Annotate** to add an annotation. Tap **Edit**, **Undo last note** to erase an annotation, or **Edit**, **Clear page notes** to erase all annotations if there is more than one.
5. Tap **File**, **Send** to send a fax in preview mode, or **File**, **Close** to end preview mode and return to the WinPhone main window. You can later send any unsent faxes from the WinPhone main window.

10.5.3 Resending a fax

Sometimes you may need to resend a fax that was sent successfully.

To resend a fax

1. On the WinPhone main window, make sure that the **Sent** folder is selected.
2. Highlight a fax you want to resend.
3. Tap **Tools**, **Resend**.

10.6 *Getting connected*

Before you can use the Wireless Assistant to browse the Web, view WAP content, or send and receive e-mail, communication must be established between your WA 3050 device and the Internet or a private network. To establish communication, you must define at least one dial-up connection, then select that connection (or another one you define) when you configure or activate Pocket Internet Explorer, the WAP browser, or Inbox.

You have the following connection options:


- **Connect to your Internet service provider (ISP).** Once connected, you can send and receive e-mail messages using Inbox and view Web pages using Pocket Internet Explorer and WAP-enabled sites using EzWAP. If this is the method you want to use, see “Connect to an ISP.” The communication software for creating an ISP connection is already installed. Your service provider may furnish software needed to install other services, such as paging and fax services.
- **Connect to the network at your company or organisation.** Once connected, you can send and receive e-mail messages by using Inbox, view Web pages by using Pocket Internet Explorer, and synchronize with your computer. If this is the method you want to use, see “Connect to Your Network.”
- **Connect to your computer to synchronize remotely.** Once connected, you can synchronize information such as your Pocket Outlook data. If this is the method you want to use, see ActiveSync Help on your computer or the **Connections** tab (**Settings**) Help on your WA 3050 device.

10.6.1 Connecting to an ISP

You can connect to your ISP by creating a modem connection. Once connected, you can send and receive e-mail messages and view Web pages and WAP-enabled sites.


Note The phone must be turned on but idle (no calls in progress) to connect to an ISP. You will be unable to make or receive calls during the time that your device is connected.


To create a modem connection to an ISP

1. Get the following information from your ISP: ISP dial-up access telephone number, user name password, and TCP/IP settings. Some ISPs require information in front of the user name, such as *MSN/username*.
2. Tap  then tap **Settings**. On the **Connections** tab, tap **Modem**.
3. Tap **New connection**.
4. Tap "Enter a name for the connection", activate the keyboard and enter a name for the new connection you create, such as "ISP Connection."
5. Select your modem type in the **Select a modem** list. ("GSM modem on COM2" to use the integrated modem)

Note You should not need to change any settings in **Advanced**. Most ISPs now use a server-assigned address. If the ISP you are connecting to does not use a server-assigned address, tap **Advanced** then the **TCP/IP** tab and enter the address. When you are finished, tap **OK** then **Next**.

Avoid to modify "Baud rate" fields

6. Enter the access phone number, and tap **Next**.
7. Select other desired options, and tap **Finish**.
8. Specify your current location and phone type (most phone lines are tone) on the **Dialing** tab. These settings will apply to all connections you create. Tap .

Once you have created the connection, it appears in , **Programs**, **Connections**. To start the connection, remove the WA 3050 from the cradle. Make sure that the phone is turned on. Tap the connection icon, enter your user name and password, then tap **Connect**. Once connected, you can:

- **Send and receive e-mail messages by using Inbox.** Before you can use Inbox, you need to provide the information it needs to communicate with the e-mail server. For specific instructions, see “Connecting directly to an e-mail server”.
- **Visit Web pages by using Pocket Internet Explorer and WAP pages by using EzWAP.** For more information, see “Pocket Internet Explorer” and “WAP”.

Note You can quickly return to **Modem Settings** to change connection settings by tapping the **Modem** link at the bottom of the **Connections** folder. To return to the **Connections** folder, tap the **Connections** link.

10.6.2 Connecting to your network

If you have access to a network, you can send e-mail, view intranet pages, synchronize your WA 3050 device with your notebook or desktop computer, and possibly access the Internet. You can connect to your network in one of two ways:


- **Create a modem connection by using a RAS account.** Before you can create this modem

connection, your network administrator will need to set up a RAS account for you.

- **Use an Ethernet card and a network connector to connect to the network.**

Note The phone must be turned on but idle (no voice calls or dial-up session in progress) to connect to your network using a modem. You will be unable to make or receive calls during the time that your device is connected.


To create a modem connection to a network

1. Get the following information from your network administrator: dial-up access telephone number, user name, password, domain name, and TCP/IP settings.
2. Tap , **Settings**. On the **Connections** tab, tap **Modem**.
3. Tap **New connection**.
4. Tap "Enter a name for the connection", activate the keyboard and enter a name for the new connection you create, such as "Company Connection."
5. Select your modem type in the **Select a modem** list.
Note You should not need to change any settings in **Advanced**. Most servers now use a server-assigned address. If the server you are connecting to does not use a server-assigned address, tap **Advanced** then the **TCP/IP** tab and enter the address. When you are finished, tap **OK** then **Next**.

Avoid to modify "Baud rate" field.

6. Enter the access phone number, and tap **Next**.
7. Select other desired options, and tap **Finish**.

8. Specify your current location and phone type (most phone lines are tone) on the **Dialing** tab. These settings will apply to each network connection you create.

Once you have created the connection, it appears in , **Programs**, **Connections**. To start the connection, remove the WA 3050 from the cradle. Make sure that the phone is turned on and available (no calls or dial-up session in progress). Tap the connection icon, enter your user name and password, and tap **Connect**. Once connected, you can:

- **Send and receive e-mail messages using Inbox.** Before you can use Inbox, you need to provide the information it needs to communicate with the e-mail server. For specific instructions, see “Connecting directly to an e-mail server”.
- **Visit Internet or intranet Web pages using Pocket Internet Explorer or EzWAP.** You may need to set up a proxy server to visit Internet Web pages. For more information on setting up a proxy server, see Pocket Internet Explorer Help on your WA 3050 device.
- **Synchronize.** For more information, see ActiveSync Help on the computer.

To create an Ethernet connection to a network



You do not need to create a new connection on your WA 3050 device. Instead, you must purchase and configure an Ethernet card that is compatible with your device.


1. Get the following information from your network administrator: user name, password, and domain name.
2. Install a CompactFlash Ethernet card into the WA 3050 unit. For instructions on inserting and using the Ethernet card, see the owner’s manual for the card.




Caution Inserting any CompactFlash card without taking precautions to ground yourself may result in permanent damage to your device.

Network Settings will appear automatically the first time you insert the card, so that you can configure the Ethernet card. Most networks use DHCP, so you should not have to change these settings unless your network administrator instructs you to do so.

3. Tap . (If **Network Settings** does not appear, tap  then **Settings**. On the **Connections** tab, tap **Network** then the adapter you want to change.)
4. Connect the Ethernet card to the network by using a network cable. For information, see your owner's manual.

If you want to synchronize your WA 3050, tap , then **Programs**. Tap the **Connections** folder, then **ActiveSync**. Tap **Network Connection** as the connection method then tap **Connect**. Remote synchronization with a computer will work only if you have set up a partnership with that computer through ActiveSync and have set ActiveSync to allow remote connections. Other restrictions apply. For more information on synchronizing remotely, please refer to the ActiveSync Help on the computer.





If you want to access your e-mail server or the intranet, tap , then **Settings**. On the **Connections** tab, tap **Network** then the **Identification** tab. Enter your user information. If you need assistance, see your network administrator.

Once connected, you can do the same activities described at the end of “To create a modem connection to a network”.

10.6.3 Ending a connection

When you finish using EzWAP, Inbox, or Pocket Internet Explorer, be sure to close the connection before switching to another program so that the modem is available for making and receiving voice calls or for other data transmission events.

To end a connection

1. If you start a connection from a program such as EzWAP, disconnect from within that program first before ending a connection. For example, in EzWAP, tap , then **Disconnect** to disconnect from within that program. In Pocket Internet Explorer, tap **Tools**, then **Disconnect**. In Inbox, tap **Services**, then **Disconnect**.
2. After you have disconnected from within a program, tap  then **Today**.
3. Do one of the following:
 - If the connection status dialogue box is displayed, tap **Disconnect**.
 - If the connection status dialogue box is not displayed, tap  or  at the bottom of the screen, then tap **Disconnect**.
4. To end a network connection, remove the CompactFlash Ethernet card from the WA 3050 device.

10.6.4 Connecting directly to an e-mail server

You can set up a connection to an e-mail server so that you can send and receive e-mail messages by using a modem or network connection and Inbox on your WA 3050 device.

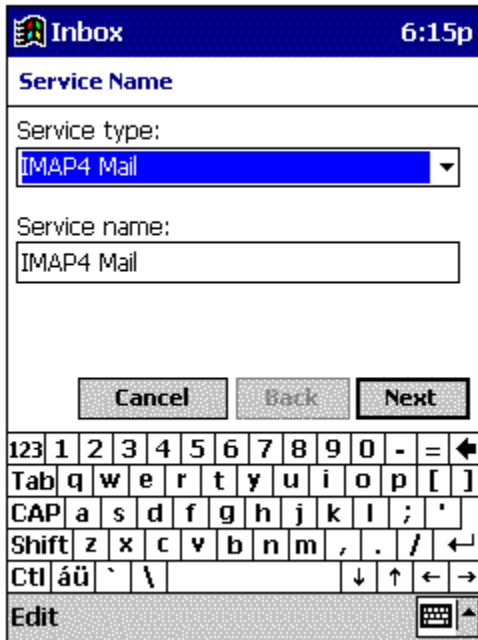
Note The ISP or network must use a POP3 or IMAP4 e-mail server and an SMTP gateway.

Inbox does not currently support connecting with proprietary e-mail protocols, such as AOL and MSN™. However, you can still access the Internet through these services. There may be third-party programs available that would enable you to send and receive e-mail messages through proprietary protocols.

You can use multiple e-mail services to receive your messages. For each e-mail service you intend to use, first set up and name the e-mail service. If you use the same service to connect to different mailboxes, set up and name each mailbox connection.

To set up an e-mail service

1. On your WA 3050 device, tap **Services**, then **New Service** in Inbox.




2. Select POP3 or IMAP4 as the service type, name the service, and tap **Next**. For information on which service type to select, ask your ISP or network administrator.
3. Select a connection from the **Connection** list. If you have not created a connection, select **Create new connection** and follow the steps in the wizard. When you return to this screen at the end of the wizard, select the connection you created from the **Connection** list.

A wizard will walk you through the remaining steps. For an explanation of a screen, tap **Start** then **Help**. When finished, check that the phone is turned on, then tap **Services** then **Connect** to connect to your e-mail server.

For more information on using the Inbox program, see “Inbox: sending and receiving e-mail messages”.

10.6.5 Getting help on connecting

More information on the procedures described here, as well as information on additional procedures, can be found in the following locations:

- “Inbox: sending and receiving e-mail messages”
- WA 3050 online Help. Tap , **Help** Tap **View**, **All Installed Help**, then **Inbox**, or **Connections**
- ActiveSync online Help on the PC or notebook computer. In ActiveSync, click **Microsoft ActiveSync Help** on the **Help** menu
- “Appendix A: Troubleshooting”.

10.7 *Inbox: sending and receiving e-mail messages*

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

- Synchronize messages with Microsoft Exchange or Microsoft Outlook on your desktop computer
- Send and receive messages using a remote connection to an ISP or a network

10.7.1 Synchronising messages

E-mail messages can be synchronized as part of the general synchronization process. First, you will need to enable message synchronization in ActiveSync.

During synchronization:

- Messages are copied from the Inbox folder of Exchange or Outlook on your desktop computer to the Inbox folder on your device. The messages on the two computers are linked, so when you delete a message on your device, it is also deleted from your desktop computer the next time you synchronize.
- Messages in the Outbox folder on your device are transferred to Exchange or Outlook, and then sent from those programs .

Features available on your desktop computer, such as scheduling meetings and selective downloading of file attachments, are also available on your device.

Tip You can also synchronize mail with your desktop computer from a remote location. For more information, see “Getting connected”.

10.7.2 Sending and receiving e-mail remotely

In addition to exchanging e-mail messages with your desktop computer, you can send and receive e-mail from a remote mail server by using a modem or network card connected to your device. You will need to set up a remote connection to a network or an Internet service provider (ISP) and a connection to your mail server. For more information, see “Getting connected”.

Messages that you receive remotely are linked to your mail server rather than your desktop computer. You can see the mail you receive remotely by selecting the service in the folder list.

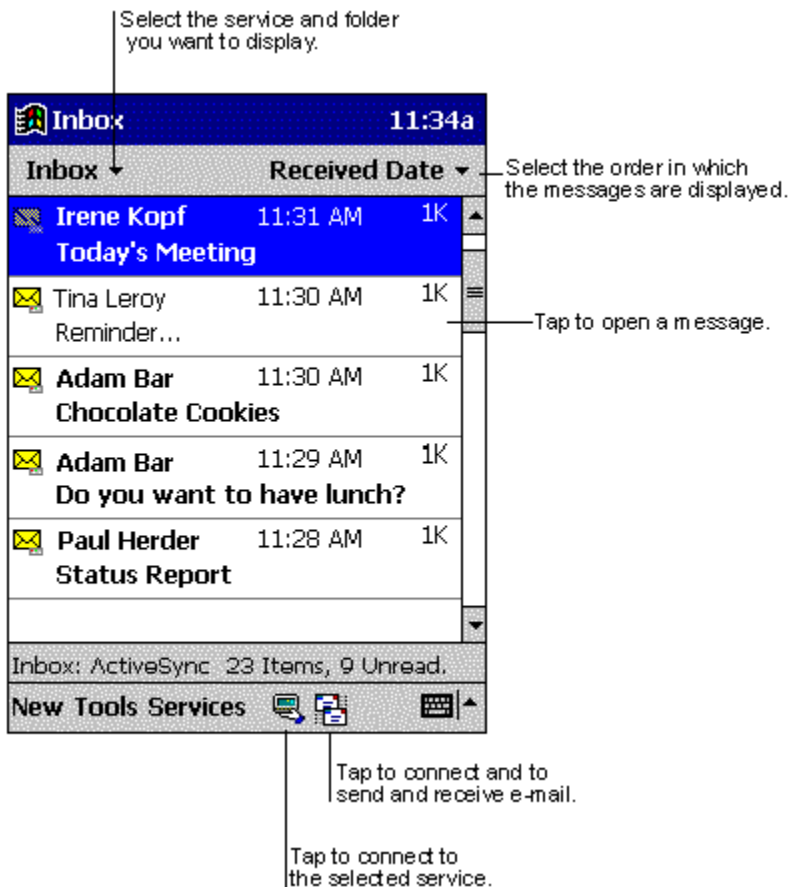
You can work online or offline. When working online, you read and respond to messages while connected to the server. Messages are sent as soon as you tap **Send**, which saves space on your device.

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

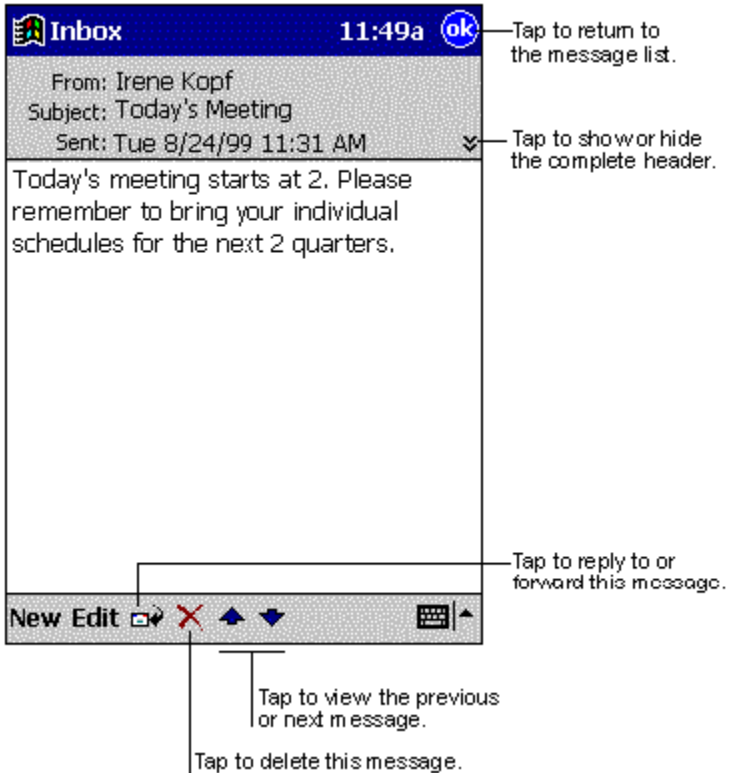
When you connect to the mail server, new messages are downloaded to the device Inbox folder, messages in the device Outbox folder are sent, and messages that have been deleted on the server are removed from the device Inbox.

10.7.3 Receiving messages

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 in the list to open it. Unread messages are displayed in bold.



When you connect to your Internet mail service or synchronize with your desktop computer, Inbox downloads only the first 100 lines of each new message by default. No mail attachments are downloaded. The original messages remain on the mail server or your desktop computer.

You can mark the messages that you want to retrieve in their entirety the next time you synchronize or connect to your mail service. In the message list, tap and hold the message you want to retrieve. On the pop-up menu, tap **Get**

Full Copy. The icons in the Inbox message list give you visual indications of message status.

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

- To change Inbox delivery options for mail synchronization, see ActiveSync Help
- To change Inbox delivery options for remote mail, in Inbox on your device, tap **Tools** and then tap **Options**. On the **Service** tab, tap the service you want to change.

You must download a full message before you can view its attachments.

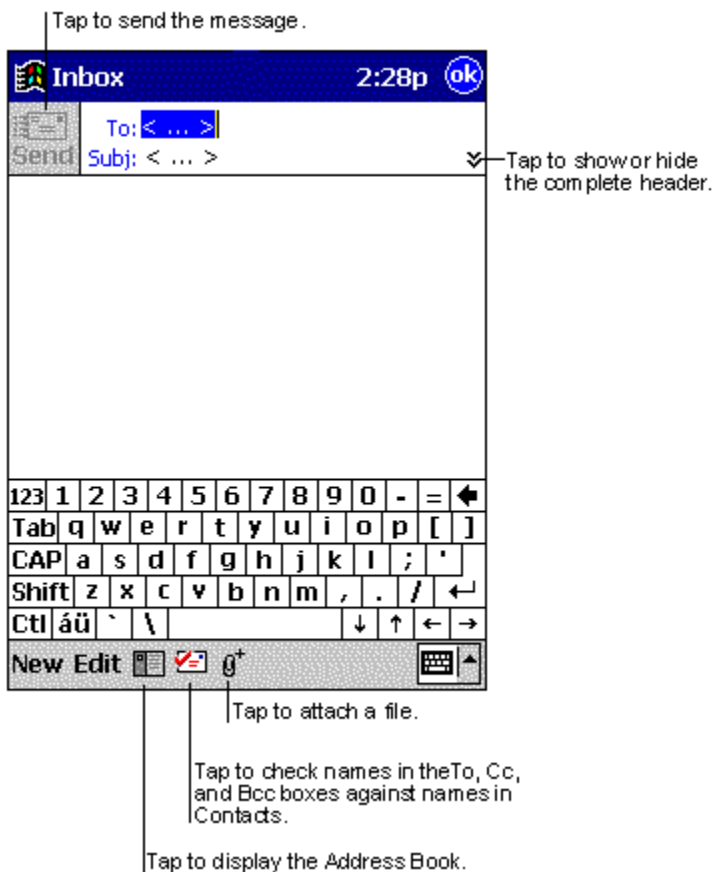
Microsoft Exchange users can use Inbox to schedule meetings remotely. Set up the meeting in Calendar. Your network administrator must enable Microsoft rich text support (.rtf) for any accounts that will be accessed by mobile device users.

10.7.4 Composing messages

To compose a message

1. Tap **New**.
2. Enter an e-mail address in **To**, or select a name from the contact list by tapping the **Address Book** button in the command bar.

All e-mail addresses entered in the e-mail fields in Contacts appear in the Address Book.



3. Compose your message.
4. Tap **Send** when you have finished your message.

Messages are placed in your Outbox folder on your device and will be delivered in one of two ways:

- They are transferred to the Outbox folder in Exchange or Outlook on your desktop computer the next time you synchronize.

- They are transmitted to your mail server the next time you connect remotely. In **Inbox**, make sure the appropriate service is selected on the **Services** menu. Then tap the **Connect** button (or **Connect** on the **Services** menu).

Note When you are done composing and sending e-mail messages, be sure to close the connection (see “Ending a connection”). You will be unable to make or receive calls, SMS, or fax if you leave the connection open.

10.8 Managing messages and folders

By default, messages are displayed in one of four folders for each service you have created: **Inbox**, **Deleted (local)**, **Outbox**, and **Sent**. The **Deleted** folder contains messages that have been deleted on the device. If you are using **IMAP4**, you may see a **Deleted Items** folder. This folder is for messages deleted on the server. The behavior of the **Deleted** and **Sent** folders depends on the options you have chosen. In the message list, tap **Tools** and then **Options**. On the **Message** tab, select your options.

If you want to organise messages into additional folders, tap **Tools**, and then **New Folder** to create new folders. To move or copy a message to another folder, in the message list, tap and hold the message to display a pop-up menu with a list of options. Then tap **Move to** or **Copy to** and select the folder.

10.8.1 Folder behaviour using ActiveSync

If you move messages into a folder you create, the link is broken between these messages and their copies on the desktop computer. When you synchronize next, the messages in the folder you created will not be synchronized. In addition, the desktop computer will see that the messages are missing from the device **Inbox** folder

and delete them from the Inbox folder on the desktop so that both Inbox folders match. This prevents you from getting duplicate copies of a message, but it also means that you will no longer have access to the messages you move out of Inbox except from the device.

10.8.2 Folder behavior for remote services


The behavior of the folders you create depends on whether you are using POP3 or IMAP4:

- If you are using POP3, folders will behave like they do when using ActiveSync.
- If you are using IMAP4, the folders you create and the messages you move are mirrored on the server. For example, if you move two messages from the Inbox folder to a folder called Family, the server will create a copy of the Family folder and copy the messages into that folder. Therefore, messages are available to you anytime you connect to your mail server, whether it is from your WA 3050 device, a PC, or notebook computer. This synchronization of folders occurs when you create a new folder, move messages into a folder, or select **Synchronize Folders** on the **Services** menu. If you want to view the messages in a folder while disconnected from your mail server, select the folder and then select **Folder Available Offline** on the **Services** menu.

10.9 *Pocket Internet Explorer*

Use Pocket Internet Explorer to view Web pages in either of these ways:

- During synchronization with your computer, download your favorite links, mobile favorites, and mobile channels that are stored in the Mobile Favorites subfolder in Internet Explorer on the computer.
- Connect to an Internet service provider (ISP) or network and browse the Web. To do this, you will need to create the connection first, as described in “Getting connected”.

To switch to Pocket Internet Explorer, tap  then **Internet Explorer**.

10.9.1 The Mobile Favorites folder

Only items stored in the Mobile Favorites subfolder in the Favorites folder in Internet Explorer on your computer will be synchronized with your WA 3050 device. This folder was created automatically when you installed ActiveSync.

10.9.2 Favorite links

During synchronization, the list of favorite links in the Mobile Favorites folder on your PC or notebook computer is synchronized with Pocket Internet Explorer on your WA 3050 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 the WA 3050, 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 computer.

10.9.3 Mobile favorites

If you are using Microsoft Internet Explorer 5 on your computer, you can download mobile favorites. (You can install Microsoft Internet Explorer 5 from the Extras folder on the ActiveSync CD.) Synchronizing mobile favorites downloads Web content to your WA 3050 device so that you can view Web pages while you are disconnected from your ISP and computer.

Use the Internet Explorer 5 plug-in installed with ActiveSync to create mobile favorites quickly.

To create a mobile favorite

1. Click **Tools** then **Create Mobile Favorite** in Internet Explorer 5 on your PC or notebook computer.
2. Enter a new name in the **Name** box to change the link name.
3. Select a desired update schedule in **Update**.
4. Click **OK**. Internet Explorer downloads the latest version of the Web page to your computer.
Note If you want to download the pages that are linked to the mobile favorite you just created, in Internet Explorer on the computer, right-click the mobile favorite then click **Properties**. On the **Download** tab, specify the number of links deep you want to download. To conserve memory, only go one level deep.
5. Synchronize your WA 3050 device and computer. Mobile favorites that are stored in the Mobile Favorites folder in Internet Explorer 5 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 computer and WA 3050 device. Before synchronizing, in Internet Explorer on your computer, click **Tools** then **Synchronize**. You will see the last time content was downloaded to the 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 5 on your computer, click **View, Toolbars**, then **Customize**.

To minimise memory used by mobile favorites

To minimise the amount of storage memory used by Mobile favorites, do the following:

- 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 WA 3050. For more information, see ActiveSync Help.
- Limit the number of downloaded linked pages. In Internet Explorer on a PC or notebook computer, right-click the mobile favorite you want to change then **Properties**. On the **Download** tab, specify 0 or 1 for the number of linked pages you want to download.

10.9.4 Channels

Channels are Web sites designed specifically for offline viewing on your WA 3050 device. You can subscribe to mobile channels at no fee.

Using mobile channels

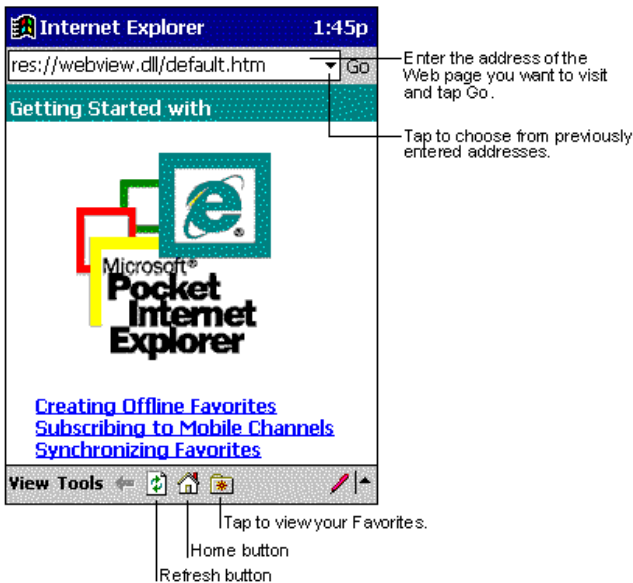
Mobile channels are sites you subscribe to on your computer. They are stored in the Channels subfolder in the Mobile Favorites folder in Internet Explorer 4.0 or later and are downloaded to your WA 3050 during synchronization.

To see a list of mobile channels you can subscribe to at no fee, visit the Windows CE Mobile Channel List Web page (<http://www.microsoft.com/windowsce/channels>). Click the name of the channel you want to subscribe to, then click **Add Mobile Channel** and select **Make available offline** to download the channel to your computer. The mobile channel will be transferred to your device the next time you synchronize. For more information on synchronization, see ActiveSync Help on the computer.

Using Pocket Internet Explorer

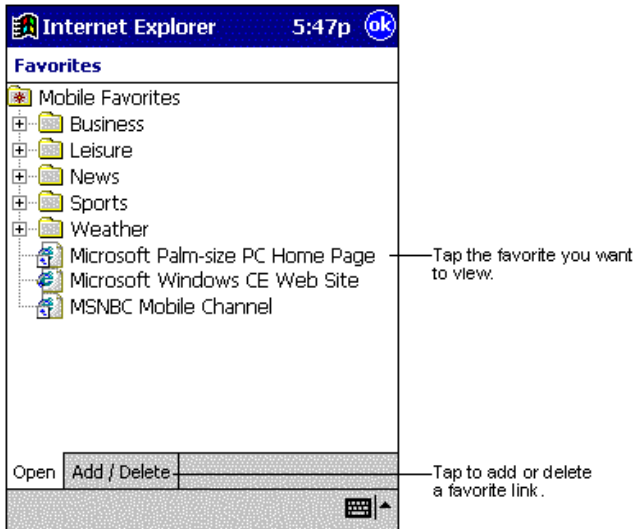
You can use Pocket Internet Explorer to browse mobile favorites and channels that have been downloaded to the WA 3050 without connecting to the Internet. You can also connect to the Internet through an ISP (see “Connecting to an ISP”) or a network connection and browse the Web.

Note The phone must be turned on but idle (no voice calls or data session in progress) to connect to the Internet. You will be unable to make or receive calls during the time that your device is connected.



To view mobile favorites and channels

1. Tap the **Favorites** button to display your list of favorites.



2. Tap the mobile favorite or channel you want to view.

You will see the page that was downloaded the last time you synchronized your WA 3050 with your PC or notebook computer. If the page is not stored on the WA 3050, the favorite will be dimmed. You will need to synchronize your WA 3050 with your computer again to download the page or connect to the Internet to view the page.

To browse the Web

1. Connect to the Internet or your network in either of the following ways:
 - Connect using Connections, as described in “Getting connected”. Then switch to Pocket Internet Explorer by tapping it on the menu
 - Connect in Pocket Internet Explorer. First, make sure that the phone is turned on. Then, select a service or type of connection by tapping **Tools**, then **Options**. Tap the **Connections** tab and select the connection type. Then, whenever you want to connect to the selected service, tap **Tools** then **Connect**.

Note You can have Pocket Internet Explorer automatically connect to the Internet when you attempt to access a page that is not stored on the WA 3050 by specifying a connection in the **Connection** tab in **Options** and selecting **Access remote content automatically**.

2. Go to a specific Web page in either of these ways once connected:
 - Tap the **Favorites** button, then tap the favorite you want to view
 - Tap **View** then **Address Bar**. In the address bar that appears at the top of the screen, enter the Web address you want to visit, then tap **OK**. Tap the arrow to choose from previously entered addresses.
3. Tap **Tools** then **Disconnect** to end the connection. You will be unable to make or receive calls, or to send or receive SMS or faxes, if you leave the connection open.

Note To add a favorite link while using the WA 3050, go to the Web page you want to add, tap the **Favorites** button, tap the **Add/Delete** tab, tap the **Add** button, and enter a name for the favorite link.

10.10 Transferring items using Infrared

You can use the IR port to send and receive information, such as contacts and appointments, with another IR-compatible Windows-powered device at speeds of up to 115.2KB per second.


Note You do not need to turn on the phone to use the infrared transfer capabilities of your device.

To send information

1. Switch to the program where you created the item you want to send and locate the item in the list. If you want to send more than one item, drag the stylus across the items you want to send.
2. Align the IR ports so that they are unobstructed and within a range of 30 centimeters.
3. Tap and hold the item, and tap **Send via Infrared** on the pop-up menu.

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

To receive information

1. Align the IR ports so that they are unobstructed and within a range of 30 centimeters.
2. Tap , **Programs**, then **Infrared Receive**.

Note You can also receive items from Tasks, Contacts, Calendar, and Notes by tapping **Tools** then **Receive via Infrared** in list view.

Organizer ▀ mobile computing ▀ multimedia

11 Microsoft ActiveSync

Using Microsoft ActiveSync, you can *synchronize* the information on your computer with the information on your WA 3050. Synchronization compares the data on the WA 3050 with your computer and updates both computers with the most recent information.

For example:

- Keep Pocket Outlook data up-to-date by synchronizing your WA 3050 with your choice of Microsoft Outlook, Microsoft Schedule+, or Microsoft Exchange on your computer
- Synchronize Microsoft Word and Microsoft Excel documents between your WA 3050 and your computer. Your files are automatically converted to the correct format.

Note By default, ActiveSync does not automatically synchronize all types of information. For example, it does not synchronize e-mail messages. Use ActiveSync options to turn synchronization on and off for specific information types.

With ActiveSync, you can also:

- Back up and restore WA 3050 data (see “Backing up and restoring data”)
- Copy (rather than synchronize) files between your WA 3050 Pocket PC and computer
- Control when synchronization occurs by selecting a synchronization mode. For example, you can synchronize continually while your WA 3050 is in the cradle or only when you choose the synchronize command


- Select which information types are synchronized and control how much data is synchronized. For example, you can choose how many weeks of past appointments you want synchronized.

For information on installing ActiveSync, please see the booklet accompanying the ActiveSync CD. For information on using ActiveSync, see ActiveSync Help on the computer.

12 Microsoft Pocket Outlook

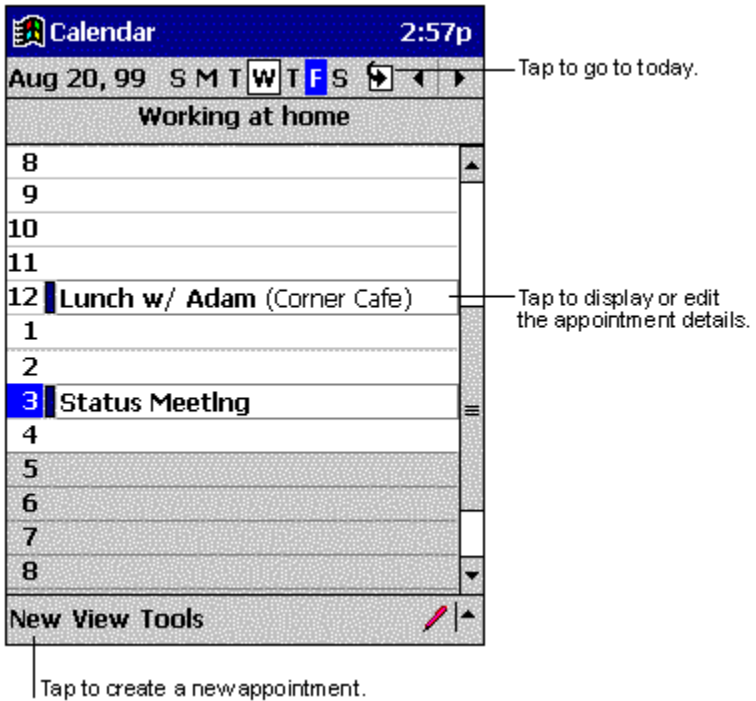
Microsoft Pocket Outlook™ includes Calendar, Contacts, Tasks, Inbox, and Notes. You can use these programs individually or together: for example, e-mail addresses stored in Contacts can be used to address messages in Inbox.

Using ActiveSync, you can synchronize information in Microsoft Outlook, Microsoft Schedule+, or Microsoft Exchange on your desktop computer with your device. Each time you synchronize, ActiveSync compares the changes you made on your device and desktop computer and updates both computers with the latest information. For information on using ActiveSync, see ActiveSync Help on the desktop computer.

You can switch to any of these programs by tapping them on the  menu.

12.1 Calendar: scheduling appointments and meetings

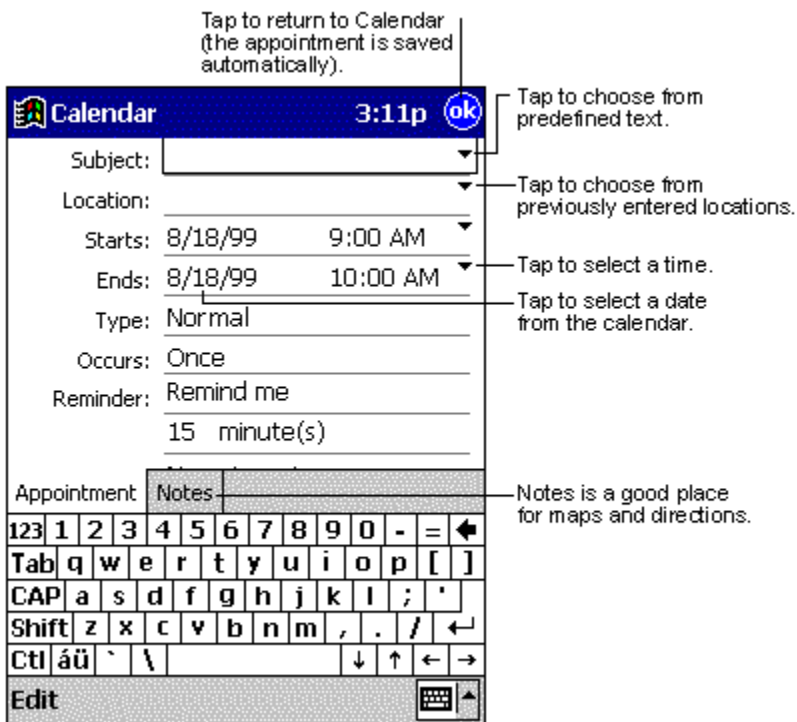
Use Calendar to schedule appointments, meetings, and other events. You can check your appointments in one of several views (Agenda, Day, Week, and Month) and easily switch views by using the **View** menu.




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

To schedule an appointment

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



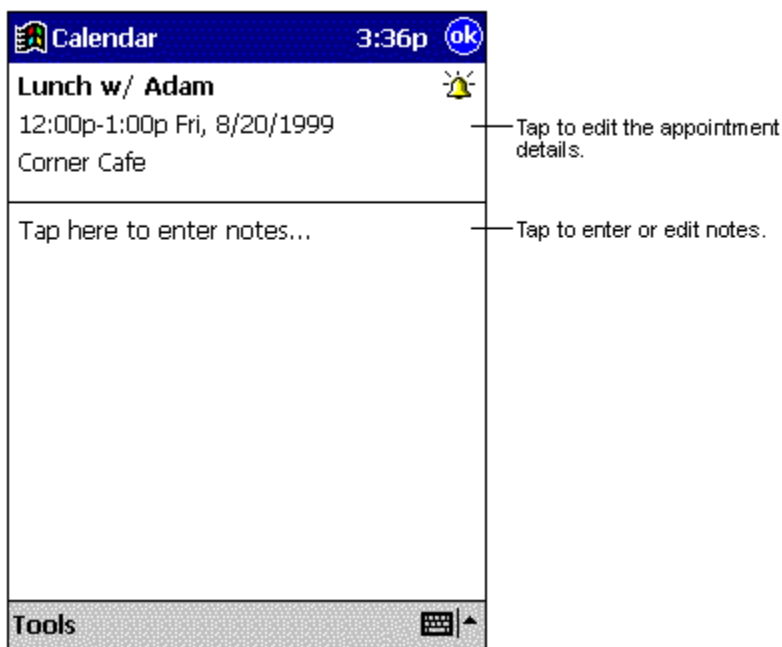
3. Using the input panel, enter a description and a location. Tap each label first to select the field.
4. If needed, tap the date and time to change them.
5. Enter other desired information. You will need to hide the input panel to see all available fields.
6. To add notes, tap the **Notes** tab. You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

To change the appointment later, tap it in the Calendar, and then tap the summary screen.

12.1.1 Summary screen

When you tap an appointment in Calendar, a summary screen is displayed.



12.1.2 Meetings

You can use Calendar to set up meetings with people listed in Contacts if you have entered e-mail addresses for them.

The meeting notice will be created automatically and sent either when you synchronize messages or when you connect to your ISP. Indicate how you want meeting notices sent by tapping **Tools** and then **Options**. If you send and receive mail via ActiveSync, select **ActiveSync**.

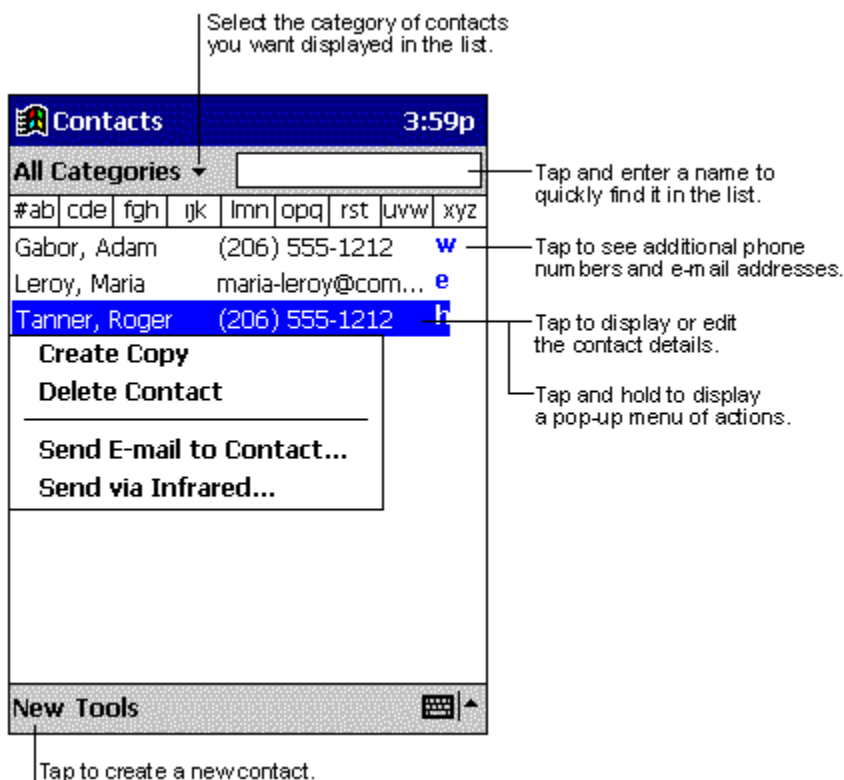
To schedule a meeting

1. Create an appointment.
2. In the appointment details, 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.

12.2 *Contacts: tracking friends and colleagues*

Contacts maintains a list of your friends and colleagues so that you can easily find the information you are looking for, whether you are at home or on the road. Using the device IR port, you can also quickly share Contacts information with other Windows CE-based mobile device users.



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

To create a contact

1. Tap **New**.

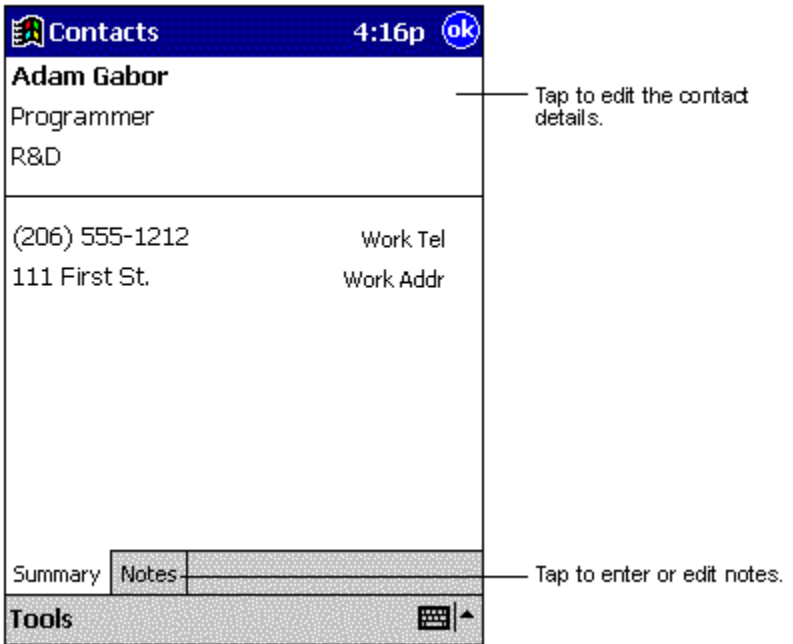
Tap to return to the contact list (the contact is saved automatically).



2. Using the input panel, enter a name and other contact information. You will need to scroll down to see all available fields.
3. To assign the contact to a category, scroll to and tap **Categories** and select a category from the list. In the contact list, you can display contacts by category.
4. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For information, see “Notes: Capturing Thoughts and Ideas.”
5. When finished, tap **ok** to return to the contact list.

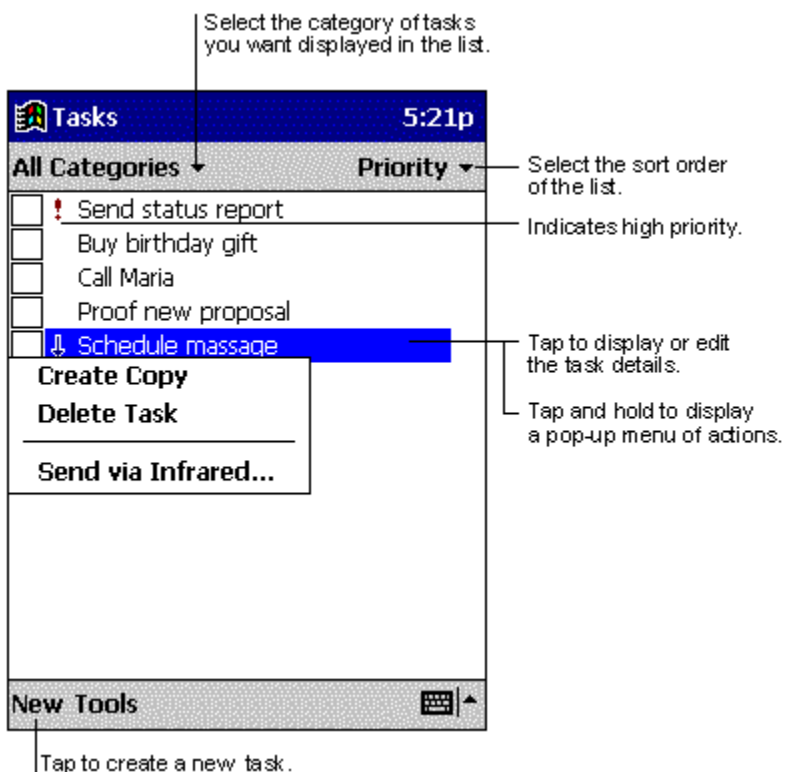
12.2.1 Summary screen

When you tap a contact in the contact list, a summary screen is displayed.



12.3 *Tasks: keeping a To Do list*

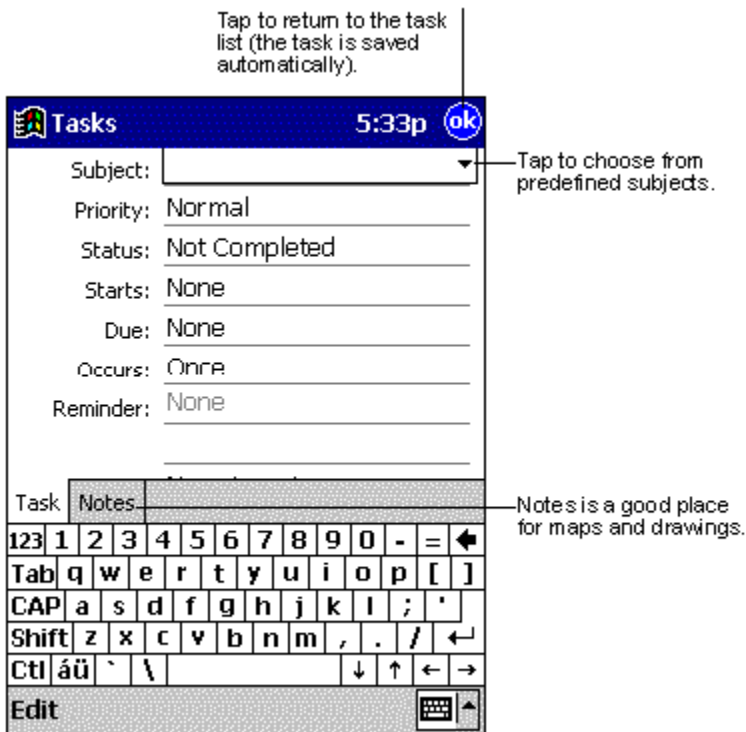
Use Tasks to keep track of what you have to do. In the task list, overdue tasks are displayed in bold.



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

To create a task

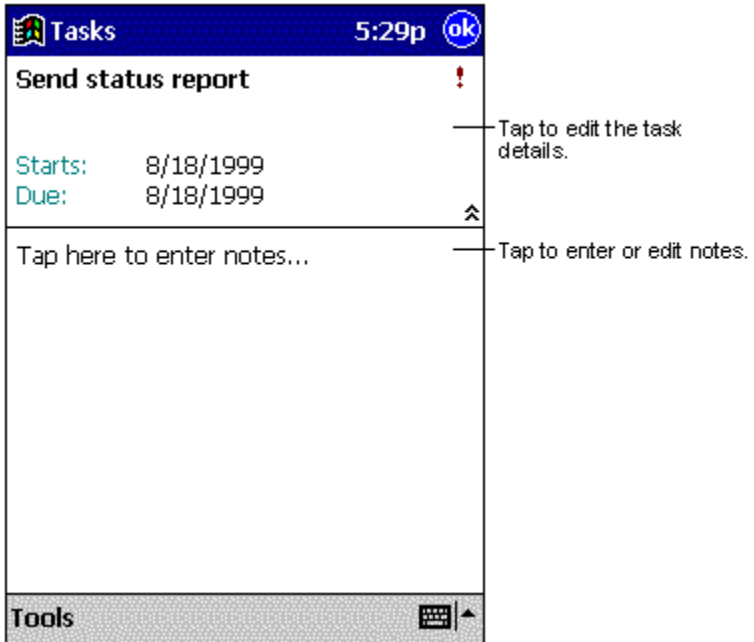
1. Tap **New**.



2. Using the input panel, enter a description.
3. Select the start date and due date, and enter other information by first tapping the field. If the input panel is open, you will need to close it to see all available fields.
4. To assign the task to a category, tap **Categories** and select a category from the list. In the task list, you can display tasks by category.
5. To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information, see “Notes: Capturing Thoughts and Ideas.”
6. When finished, tap **ok** to return to the task list.

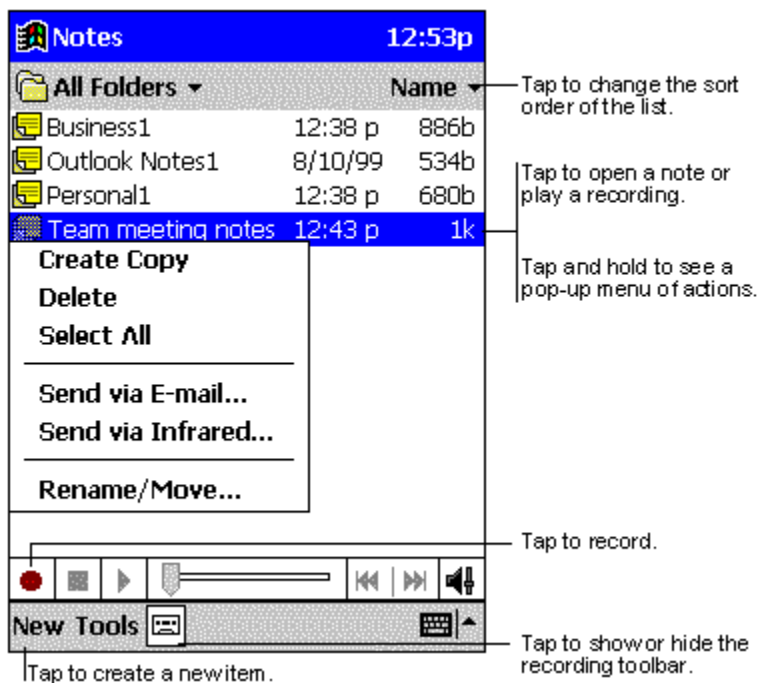
12.3.1 Summary screen

When you tap a task in the task list, a summary screen is displayed.



12.4 Notes: capturing thoughts and ideas

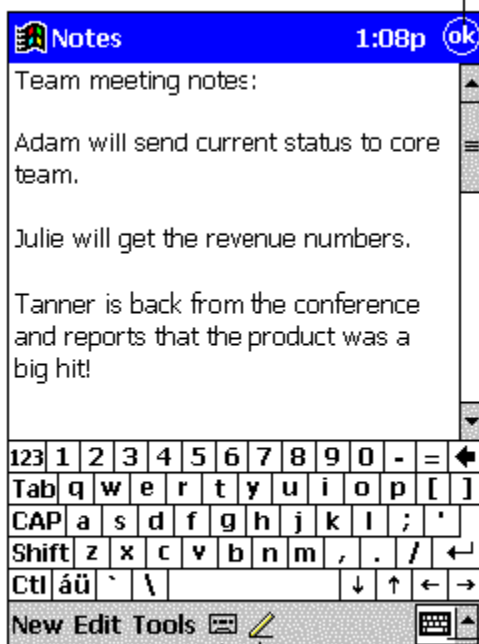
Quickly capture thoughts, reminders, ideas, drawings, and phone numbers with Notes. You can create a written note or a recording. You can also include a recording in a note. If a note is open when you create the recording, it will be included in the note as an icon. If the notes list is displayed, it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



To create a note

1. Tap **New**.
2. Create your note by writing, drawing, typing, and recording. For more information about using the input panel, writing and drawing on the screen, and creating recordings, see “Getting started”.

Tap to return to the note list (the note is saved automatically).




Tap to show or hide the input panel.

Tap to write on the screen.


Tap to add a recording to the note.

13 Companion programs


Companion programs consist of Microsoft Pocket Word, Microsoft Pocket Excel, Microsoft Money, and Windows Media Player. Pocket Word, Microsoft Money, and Pocket Excel work with the Windows versions of the same programs on a desktop computer to give you easy access to copies of your files. You can create new files on your device, or you can copy files 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 Media Player to listen to digital audio files downloaded to your device. For more information on synchronizing and transferring files, see ActiveSync Help.

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

Because the companion programs work in similar ways to the desktop versions, only information specific to using the programs on your device is provided here. Additional procedures are provided in online Help on the device.

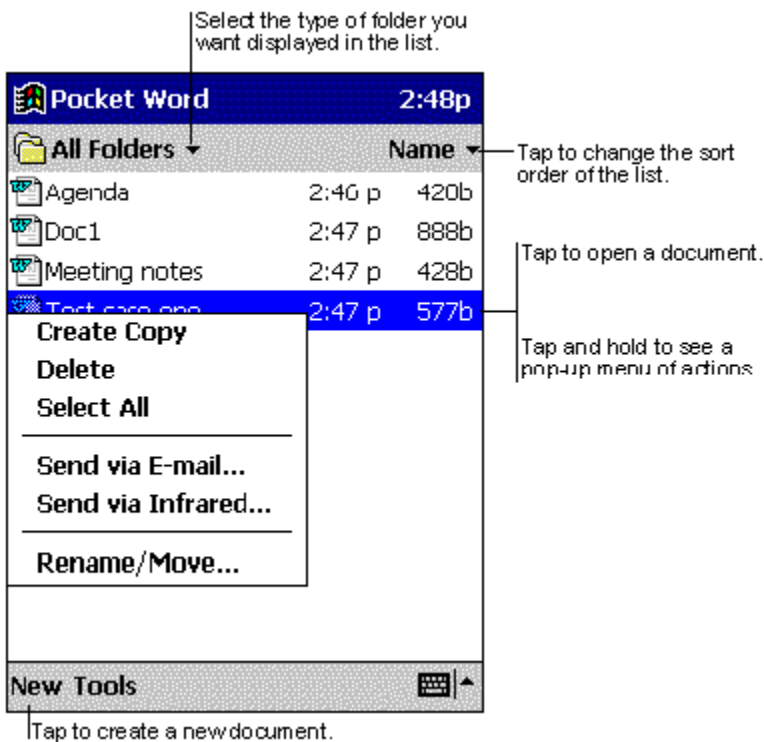
When in a program, tap  and then **Help**. If you need more information on using an Office program, see the documentation that came with the desktop version of the program.

13.1 *Pocket Word*

Use Pocket Word to create documents, such as letters, meeting minutes, and trip reports. To create a new file, tap , **Programs**, **Pocket Word**, and then **New**. A blank document appears. Or, if you have selected a template for new documents in the **Options** dialog box, that template appears, with appropriate text and formatting already provided. You can open only one document at a time; when you open a second document you will be asked to save the first.

You can also use Pocket Word to open and edit documents created in the desktop version of Word. You can save a document you create or edit in a variety of formats, including Pocket Word (.psw), rich text format (.rtf), and plain text (.txt).

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



You can enter information in Pocket Word in one of four modes, displayed on the **View** menu. Each mode has its own toolbar, which you can display and hide by tapping the **Show/Hide Toolbar** button in the command bar.

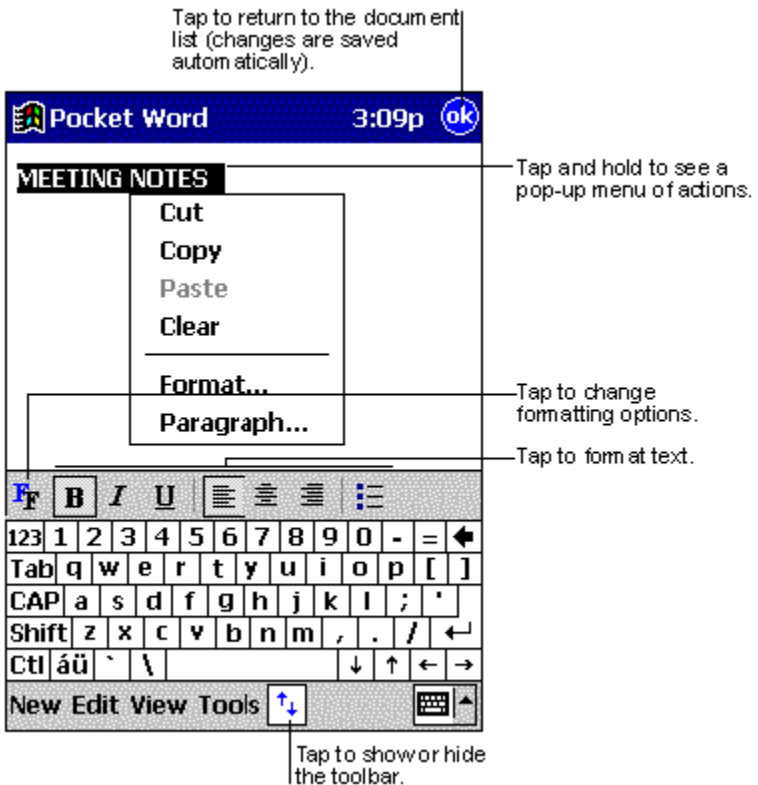
Tip You can change the zoom magnification by tapping **View** and then **Zoom**. Then select the magnification percentage you want. Select a higher percentage to enter text and a lower one to see more of your document.

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

13.1.1 Typing mode

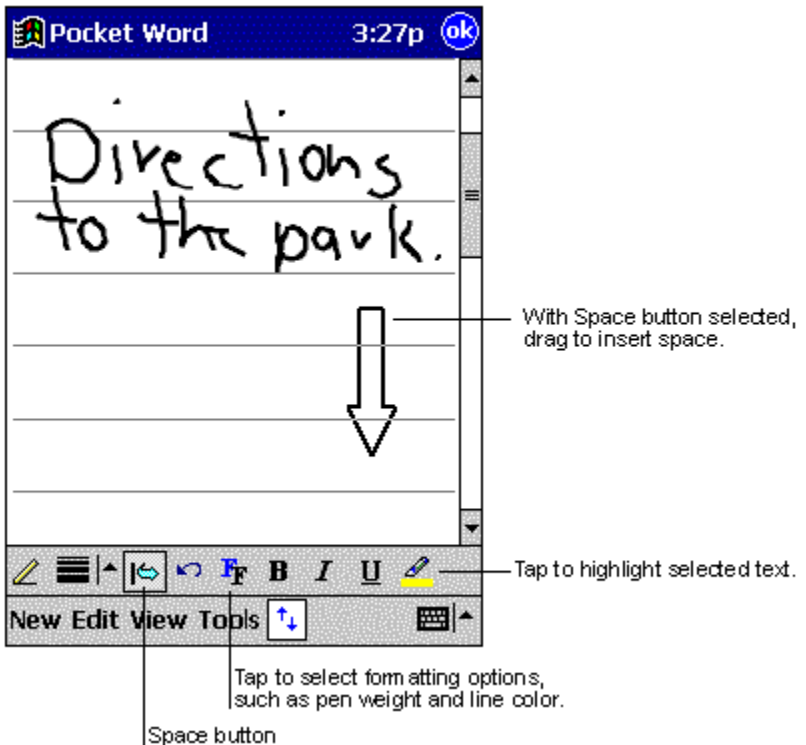
Using the input panel, enter typed text into the document. You can do this by tapping keys on the soft keyboard or by using handwriting recognition software. For more information on typing, see “Getting started”.

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 the text you want by tapping **Edit** and then **Find/Replace**.



13.1.2 Writing mode

In writing mode, use your stylus to write directly on the screen. Ruler 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, see “Getting started”.



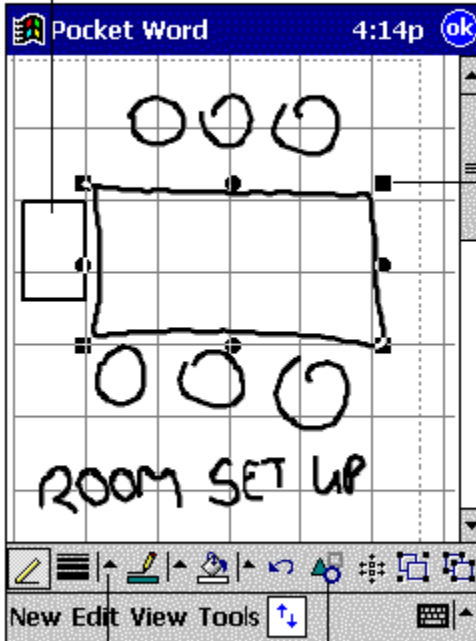
Tip If you cross three ruled lines in a single stylus stroke, the writing becomes a drawing, and can be edited and manipulated as described in the following section.

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

13.1.3 Drawing mode

In drawing mode, use your stylus to draw on the screen. Gridlines appear as guides. 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.

Select Shape on the pop-up menu to convert objects to proper shapes.



Resize an object by dragging the selection handles


Tap an arrow to see your choices.

Tap to select formatting options, such as line weight, fill color, and line color.

13.1.4 Recording mode

In recording mode, embed a recording into your document. Recordings are saved as WAV files. For more information on recording, see “Getting started”.

13.2 Pocket Excel

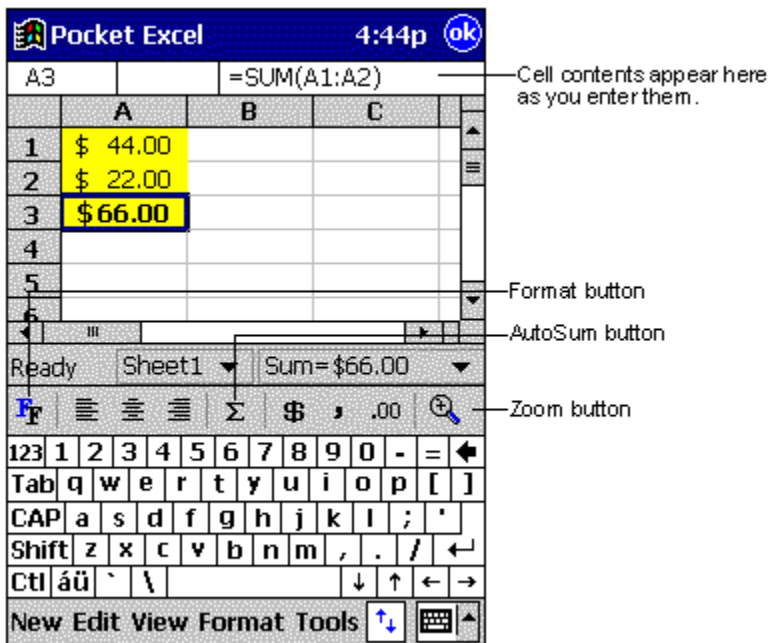
Use Pocket Excel to create workbooks, such as expense reports and mileage logs. To create a new file, tap .

Programs, **Pocket Excel**, and then **New**. A blank workbook appears. Or, if you have selected a template for new workbooks in the **Options** dialog box, that template appears, with appropriate text and formatting already provided. You can open only one workbook at a time; when you open a second workbook, you will be asked to save the first.

You can also use Pocket Excel to open and edit workbooks created in the desktop version of Excel. You can save a workbook you create or edit in a variety of formats, including Pocket Excel (.pxl) and Excel (.xls).

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

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



Tip If your workbook contains sensitive information, you can protect it with a password. To do so, open the workbook, tap **Edit**, and then **Password**. Every time you open the workbook, you will need to enter the password, so pick one that is easy for you to remember but hard for others to guess. Workbooks with password protection cannot be synchronized.

13.2.1 Tips for working in Pocket Excel

Note the following when working in large worksheets in Pocket Excel:

Work in full-screen mode to see as much of your worksheet as possible. Tap **View** and then **Full Screen**. To exit Full Screen view, tap **Restore**.

- Display and hide window elements. Tap **View** and then tap the elements you want to display or hide.
- Freeze panes on a worksheet. First select the cell where you want to freeze panes. Tap **View** and then **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** and then **Split**. Then drag the split bar to where you want it. To remove the split, tap **View** and then **Remove Split**.
- Display and hide rows and columns. To hide a hidden row or column, select a cell in the row or column you want to hide. Then tap **Format**, then **Row** or **Column**, then **Hide**. To display a hidden row or column, tap **Tools**, then **Go To**, and then type a reference that is in the hidden row or column. Then tap **Format**, then **Row** or **Column**, and then **Unhide**.

13.3 *Microsoft Money*

Microsoft Money for Pocket PC is designed to allow you to quickly enter and view transactions, easily check on your account balances, and seamlessly synchronize with Microsoft Money on your desktop PC. It even includes an investment portfolio that allows you to update your portfolio's value with the latest market quotes from the MSN MoneyCentral Web site.

The following pages summarise some of the features of Microsoft Money for Pocket PC. Please refer to the online help for more information about these and other topics.

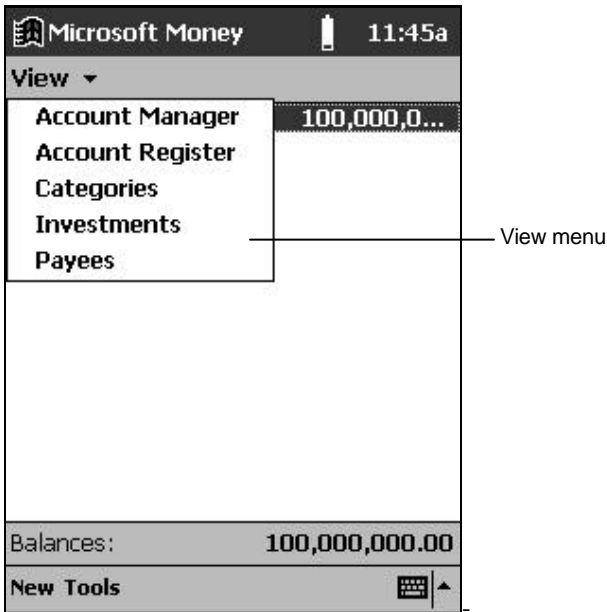
13.3.1 Opening and/or creating a new file

To open a new file in Microsoft Money for Pocket PC, tap  **Programs**, **Microsoft Money**, and then **New**.

Microsoft Money for Pocket PC only allows you to have one file on your Pocket PC at any time. As a result, you are not able to create a second Microsoft Money for Pocket PC file or open any existing Microsoft Money files from your desktop PC directly on your Pocket PC.

13.3.2 Navigating within Microsoft Money

Microsoft Money for Pocket PC contains five basic screens, called views. The views are Account Manager, Account Register, Investments, Payees, and Categories. The current view is always displayed at the top of the screen.



To select a view

1. Tap on the **View** menu.
2. Select the view you want.

The Account Manager is the main view in Microsoft Money for Pocket PC. It displays the name and balance of each of your accounts, as well as the total balance for all of your accounts. The Account Register displays a detailed list of all of the transactions in a particular account.

To move between the Account Manager and the Account Register

1. Tap on the **View** menu, and then tap **Account Manager**.
2. To open an account and view its register, tap the account.
3. To return to the Account Manager, repeat Step 1.

13.3.3 Creating, editing, and deleting accounts

Accounts are listed in the Account Manager. To open the Account Manager view, tap **Account Manager** on the **View** menu.

Note You can create as many accounts in Microsoft Money for Pocket PC as you want, up to the amount of storage memory you have available on your Pocket PC. Remember, however, that the speed of Microsoft Money for Pocket PC will be affected if you choose to store a great deal of information on your Pocket PC.

If you are synchronizing Microsoft Money for Pocket PC with Microsoft Money on your desktop PC, your existing accounts will be transferred to your Pocket PC. In this case, make sure you synchronize with your desktop PC before attempting to enter any new accounts in Microsoft Money for Pocket PC so you do not accidentally create duplicates.

To create a new account

1. On the **View** menu, tap **Account Manager**.
2. Tap **New**.
3. In the **Account Type** box, select the type of account that you want to create.
4. In the **Account Name** box, enter a name for the account.
5. Enter other information if you want; however, only the account type and account name are required.
6. Tap **OK**.

Once you have created an account, you can edit the details on your Pocket PC. You can also edit some of the account details for accounts created in Microsoft Money on your desktop PC and synchronized to your Pocket PC. If you change any of the details, they will be sent back to your desktop PC the next time you synchronize. Note that information for accounts that are enabled for online banking in Microsoft Money on your desktop PC cannot be edited.

You can delete any account in Microsoft Money for Pocket PC. Note that deleting an account will also delete all of the transactions it contains. However, you cannot delete an account once it has been synchronized with Microsoft Money on your desktop PC. To permanently delete an account that has been synchronized, use Microsoft Money on your desktop PC.

13.3.4 Creating, editing, and deleting categories, payees

Categories are a way of organizing your transactions. When you create a new transaction, you assign a category to it. Categories stored in Microsoft Money for Pocket PC are listed in the Categories view. To open the Categories view, tap **Categories** on the **View** menu. Tap **New** to create a new category.

Payees are people or organizations to whom you pay money or by whom you are paid. When you create a new transaction, you assign a payee to it. Payees stored in Microsoft Money for Pocket PC are listed in the Payees view. To open the Payees view, tap **Payees** on the **View** menu. Payees are listed alphabetically in the Payees view. Tap **New** to create a new payee.

13.3.5 Adding and working with transactions

Microsoft Money for Pocket PC is designed for fast entry so you can create new transactions when they occur, whether in a taxi or in a supermarket. You can create a new transaction in the Account Register by tapping **New**.

There are three types of transactions:

- **Withdrawal** - A withdrawal is a transaction that removes money from an account. Examples include ATM withdrawals, checks, and credit card purchases. Checks have their check numbers displayed in the Number field.
- **Deposit** - A deposit is a transaction that adds money to your account. Examples include paychecks, cash deposits, and interest earned on savings accounts. Deposits are sometimes called credits.

- **Transfer** - A transfer moves money from one account to another.

13.3.6 Creating, editing, and updating your investments

Microsoft Money for Pocket PC can be used to track the value of your investment portfolio. To open the Investments view, tap **Investments** on the **View** menu. Microsoft Money for Pocket PC can even update the value of your investments with the latest market prices from the MSN MoneyCentral Web site over any Internet connection.


To enter investments

1. Tap on the **View** menu, and then tap **Investments**.
2. Tap **New**.
3. Enter the market symbol for your investment and the number of shares you own. You can also enter a name for the investment and the current price.
4. Tap **OK**. Microsoft Money for Pocket PC will multiply the investment price by the number of shares and display the market value of the investment.

To edit investments and investment prices

1. Tap the investment that you want to edit.
2. Edit the information you want, and then tap **OK**.
3. If you have manually altered the price, Microsoft Money for Pocket PC will multiply the new price by the number of shares and display the new market value of that investment as well as the market value of your entire portfolio. Be aware that price updates made to your investments in Microsoft Money for Pocket PC will not be synchronized with Microsoft Money on your desktop PC, and investment account balance changes will not be reflected in the Account Manager.

To update investment prices from the Internet

1. Open an Internet connection on your Pocket PC.
Examples include a direct network connection or a wireless connection. Note that the connection must be a direct IP connection to the Internet. If you require a proxy server to reach the Internet, tap **Options** on the **Tools** menu and adjust the settings.
2. Once the connection is made, tap **Update Investments** on the **Tools** menu or tap  at the bottom of the Investments screen. Microsoft Money for Pocket PC will connect to the MSN MoneyCentral Web site:



3. Microsoft Money for Pocket PC will get the latest market prices for your investments. If you enter a market symbol that refers to an investment that MoneyCentral cannot find, Microsoft Money for Pocket PC will replace the market value with "Invalid

Symbol.” You should check the symbol for your investment and try again.

4. If the update is successful, Microsoft Money for Pocket PC will update the value of each of your investments based on the market prices. Microsoft Money for Pocket PC will record the time when the investments are updated and display the time with the title “Quotes last updated at:” Note that if any of the investments have invalid symbols or you manually edit any of the prices, Microsoft Money for Pocket PC will display the quotes update time as “Not available.”

To delete investments

1. Tap and hold the investment you want to delete.
2. On the pop-up menu, tap **Delete Investment**.
3. You will be asked to confirm that you want to permanently delete the investment. Tap **Yes** to permanently delete the investment.

13.3.7 Synchronising with Microsoft Money on your desktop PC

Microsoft Money for Pocket PC data can be synchronized with Microsoft Money on your desktop PC using ActiveSync. With a few exceptions, Money data on the two computers is linked. When you delete, add, or edit information from Microsoft Money for Pocket PC, it is deleted, added, or edited in Microsoft Money on your desktop PC the next time you synchronize. Note that synchronization with your desktop PC is only supported with Microsoft Money 2000 or versions available after Microsoft Money 2000.

If you ever intend on synchronizing between your Pocket PC and your desktop PC and you own Microsoft Money 2000, you should synchronize before entering any

information on your Pocket PC. Synchronizing first will ensure that information on your mobile device is not lost.

To check whether synchronization is currently enabled

1. Connect your Pocket PC to your desktop PC so that ActiveSync can connect to your mobile device.
2. Once ActiveSync on your desktop PC has connected to your Pocket PC, open ActiveSync and click **Details** and see if “**Microsoft Money Data**” is listed under **Information Type**.
3. If “**Microsoft Money Data**” is not listed, you can enable synchronization by clicking **Options...** on the **Tools** menu. On the **Sync Options** tab, select the “**Microsoft Money Data**” in the list of information types and check the check box next to it. Click **OK**.
4. Microsoft Money will select the last Money file you used on your desktop PC and synchronize with that file each time you connect your Pocket PC.
5. For more information on synchronization, see ActiveSync Help on your desktop PC.

13.3.8 Configuring Money for Pocket PC

Microsoft Money for Pocket PC has a few options that can be set in the **Options** dialog box, found on the **Tools** menu.

General options

As described in “Adding and working with transactions” section, AutoComplete+ will automatically enter the most recently used amount, category, and subcategory for the last transaction with the same payee when you are entering transactions. If the previous transaction for the payee was a check, the next available check number for the current account will also be entered.

1. To turn off AutoComplete+, tap **Options** on the **Tools** menu, and clear the **Use AutoComplete+** check box.
2. Microsoft Money for Pocket PC will continue to attempt to determine which payee you are entering, but it will not automatically enter information into other fields.

You can also have Microsoft Money for Pocket PC display information in a larger font so that you can read the screen more easily.


1. Select the **Use large font** check box.
2. Where possible, Microsoft Money for Pocket PC will display all information in a larger font.

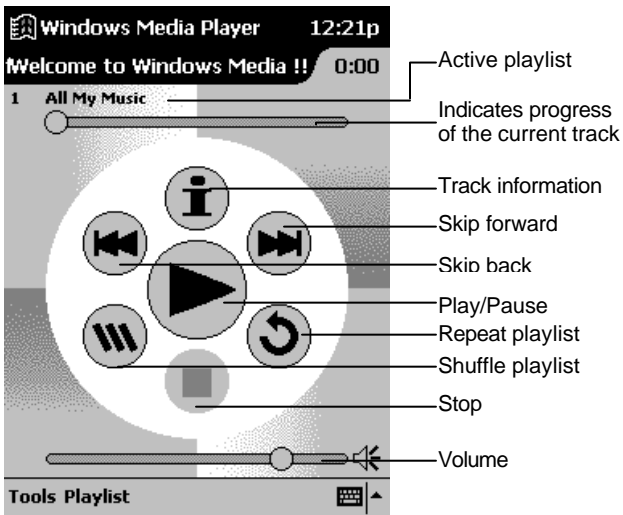
Proxy Server

Some networks require a proxy server to connect to the Internet. If this is the case, you must enter your proxy server settings on the **Proxy Server** tab in the **Options** dialog box for the investment updating to work properly. Investments will then connect to the MoneyCentral Web

site using your proxy server to update your investment quotes. If investment updating is not working properly, ask your ISP or your corporate MIS department if you require a proxy server and enter the settings.

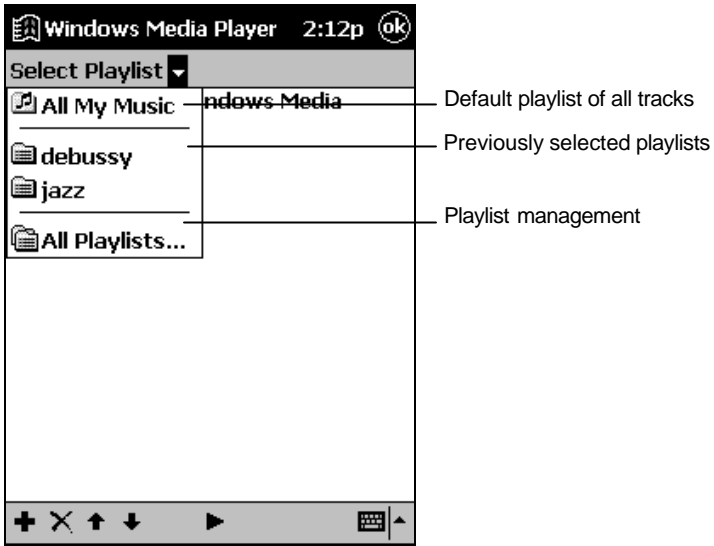
13.4 Windows Media Player for Pocket PC


Use Windows Media Player for Pocket PC to listen to digital audio files. To switch to Windows Media Player, tap , **Programs**, then **Windows Media Player**.



13.4.1 Using the playlist manager

Use the playlist manager to set the track playback order. **All My Music** is the default playlist. It contains all digital audio files available for playback on the WA 3050 and storage card. To see a list of recently selected playlists, tap **Select Playlist**. To create or edit playlists, tap **All Playlists**.



Tap and hold a track or playlist to perform actions such as copying, moving, and deleting. For more information on using Windows Media Player, tap  then **Help**

13.5 *Microsoft Reader*

Use Microsoft Reader to read or listen (with Audible) to electronic books on your WA 3050 device.

Download books to your computer from your favorite eBook website. Then, use File Explorer and ActiveSync to copy the book files to the WA 3050. The books appear in the Reader Library, where you can tap them in the list to open them.

Each book consists of a cover page, an optional table of contents, and the pages of the book. Page through the book by using the Direction key or by tapping the page number on each page. You can annotate the book with highlighting, bookmarks, notes, and drawings. You can also search for text and look up definitions for words.

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

To switch to Microsoft Reader, tap **Programs**, then tap **Microsoft Reader**.

13.5.1 Getting books onto the WA 3050

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 ActiveSync CD. Use ActiveSync to download the files from your computer to your WA 3050 as described in the Read Me file in the MSReader folder.

13.5.2 Using the Library

The Library is your home page. It displays a list of all books stored on the WA 3050 or a storage card. You can go to the Library by tapping **Library** on the Reader command bar. Or on a book page, tap the book title then tap **Library** on the pop-up menu.

Tap the title in the Library list to open a book.

Microsoft Transcriber

Microsoft Transcriber for Windows® CE is a natural handwriting recognition program that enables you to use

cursive

printed

or a

mix

of cursive and printed characters whenever you use the stylus to write directly on your WA 3050 device screen. Transcriber lets you jot down a phone number, take notes and more, just as easily and naturally as writing on a piece of paper.



Caution Transcriber is a pre-installed program. If a version of Transcriber is included on the ActiveSync CD shipped with your device, do not attempt to install it.

14.1 Features

Transcriber is a powerful handwriting recognition engine. Some of its advanced features include:

- **Natural handwriting recognition**: Transcriber recognizes print, cursive, and mixed script as well as arbitrary symbol strings and control “gestures”.
- **Immediate usability**: Unlike many handwriting recognition programs, Transcriber is ready to run right out of the box with no training required. You can, however, customise Transcriber to your personal handwriting style, thereby increasing Transcriber’s already superb accuracy and speed.
- **Built-in dictionary**: Transcriber recognizes words from its integrated dictionaries. This includes a main dictionary containing approximately 65K words. Transcriber also recognizes non-vocabulary words like personal names, geographical names, and arbitrary handwritten symbol strings.
- **Extensive correction interface**: By pointing out Transcriber’s mistakes, you can improve its performance.

14.2 Starting the program

Because Transcriber is designed to work with text-editing software, you must open a program such as Notes, then select Transcriber as the input method to start it.

To start Transcriber

1. When a text-editing application such as Notes or Pocket Word is open, tap **New** in the lower left corner of the application window.
2. Depending on what input method your handheld device is set to, one of the following icons will appear on the Windows taskbar:

If the icon is... the input method is:



The soft keyboard

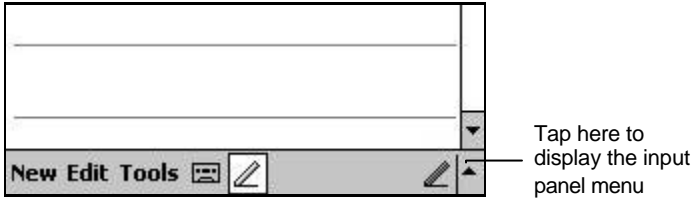


Character Recognizer

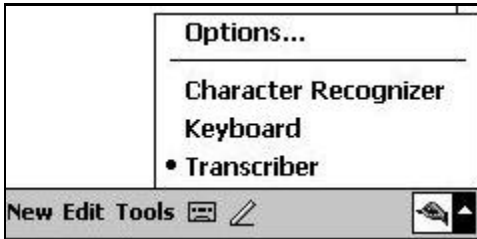


Transcriber

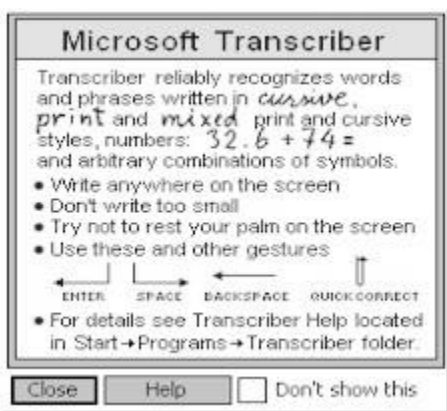
Note In the Notes application there is a fourth entry method, the Cursive Recognizer, which is also represented by a pen icon located in the center of the taskbar. The Cursive Recognizer is the method selected when the background for the icon is white:



3. Tap the arrow to the right of the input method icon to display the input panel menu:



4. Tap **Transcriber** to select it as the input method. The following information appears:



Note Tap **Don't show this** to prevent this screen from appearing each time you start Transcriber. Tap **Help** to launch Transcriber Help.

5. Tap **Close**. You can now use Transcriber to write on the screen.

14.3 *Transcriber tutorials*

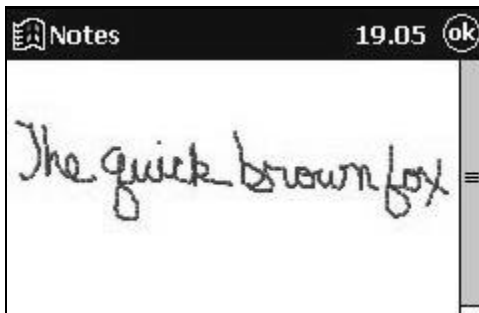
Many people prefer to learn by doing. The following tutorials cover a few of the most common ways in which people use Transcriber. Read the rest of this chapter for complete details on how Transcriber works once you are finished with the tutorials.

Note The tutorials are designed to be generic. Transcriber will function with any text editing software.

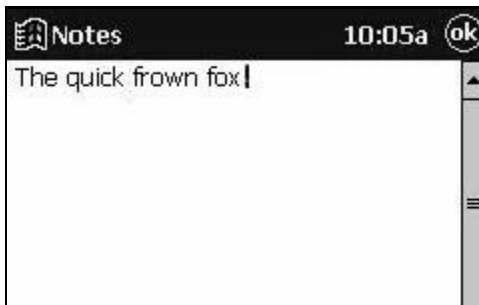
14.3.1 Tutorial One: the basics

This tutorial shows you how to enter text using handwriting and some basic editing techniques.

1. Launch both your text editing application, such as Notes, and Transcriber on your device.
2. Make sure that Transcriber is the chosen method of input (tap the icon if necessary) and write the following on your screen: **The quick brown fox**. Try to write a bit more neatly than normal and use larger letters until you get used to how the program responds. This will not affect Transcriber's accuracy; rather, it will help introduce you to the program.

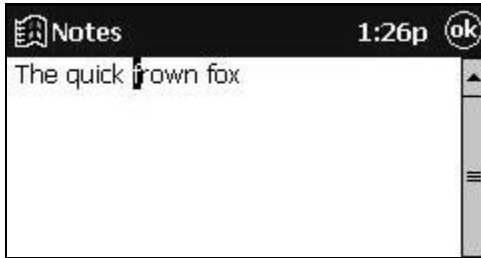


3. If Transcriber recognizes the above text correctly, keep writing until it mis-recognizes a word, for example:



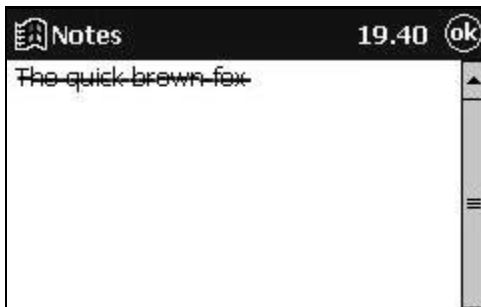
4. Tap and hold the stylus on the screen right next to the incorrect text for a few seconds. Without picking up the stylus, drag the stylus across the text you wish to

change so that it is highlighted as the “f” is shown below.



Note If you find it difficult to highlight one letter, you can change the size of the text by using the zoom mode on your handheld device. On the toolbar choose **Tools**, then select the percentage you wish to increase the text by.

5. Next, rewrite the letters that were recognized incorrectly on the screen below the text. In this case you would write a *b*. This will replace the highlighted text.
6. Other ways to highlight text include a double tap on the incorrect word or by drawing a line through the text you wish to change. Try drawing a line through your sentence to highlight the text shown below:



7. Write a new sentence, *The lazy dog*, and the highlighted text will be replaced by the new sentence.



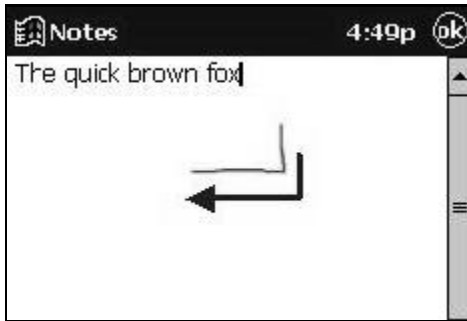
14.3.2 Tutorial Two: editing gestures

In addition to replacing incorrect text, there are also several gestures you can use to edit your text. This tutorial will teach you Backspace, Enter, Space, Undo, and Case change gestures.

1. Launch both your text editing application and Transcriber on your device and write **The quick brown fox jumps over a lazy dog.**
2. Select **jumps over a lazy dog** and use the Backspace gesture by drawing a line from right to left as shown below. The selected text will be erased.



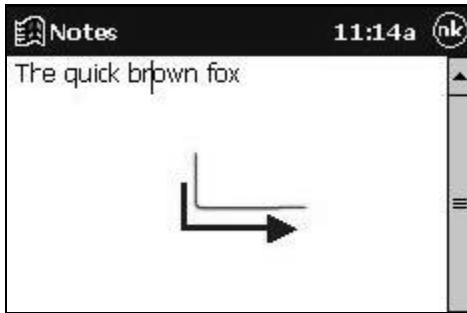
3. Now, insert a carriage return by using the Enter gesture. Make sure that the horizontal part of the gesture is at least two times longer than the vertical part.



4. Note that the cursor moves down one line.



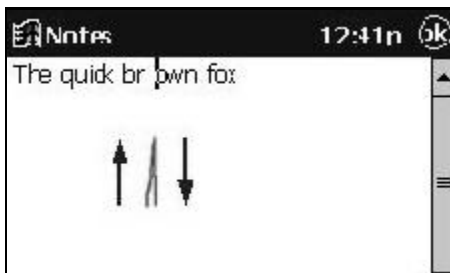
5. Use the Backspace gesture again (straight line from right to left) to erase the carriage return and move back to the top line.
6. Tap the word **brown** between the **r** and the **o** to position the cursor, and use the Space gesture. The space gets inserted.



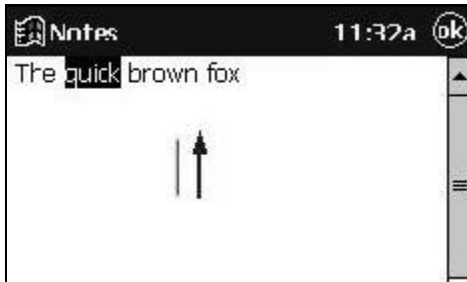
7. The space is added.



8. Use the Undo gesture to remove the space. Make a vertical line going up and retrace the line going down.



9. Select the word **quick** and use the Case Change gesture.



10. This turns the word **quick** to **QUICK**.



14.4 Customizing Transcriber

Transcriber can be customized to suit your individual needs and preferences. Settings enable you to do the following:


- Adjust program settings
- Personalise the program's handwriting recognition capabilities.

14.4.1 Adjusting program settings

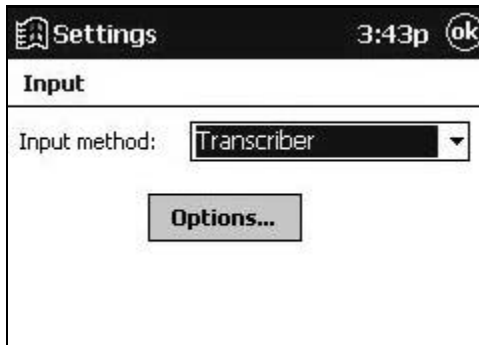
You can modify program settings that control functions such as the thickness of the line and color of the “ink”.

Note Your WA 3050 has a monochrome screen . Consequently, color choices mentioned in help topics or in program options are rendered in varying shades of gray scale.

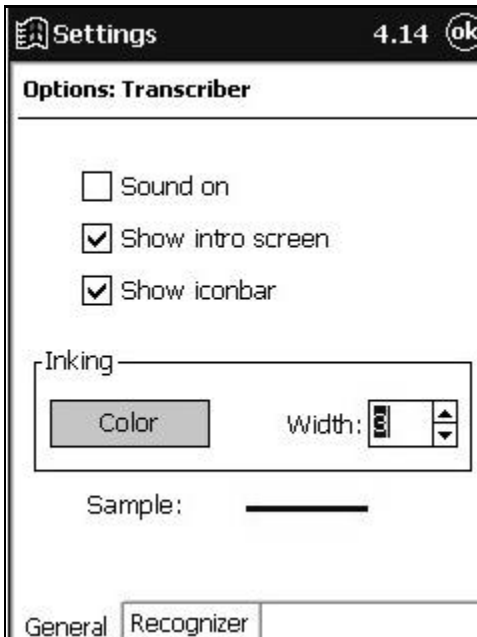
To adjust program settings

1. Tap the arrow to the right of the hand icon , then tap **Options**.

The Transcriber Settings window appears:



2. Make sure that the input method selected is Transcriber, then tap **Options**.
3. If not already selected, tap the **General** tab at the bottom of the screen to display the Transcriber Options panel:

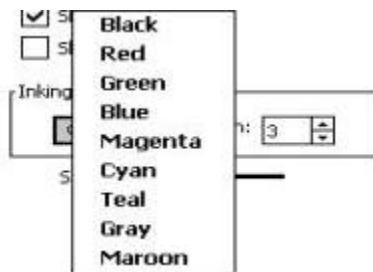


4. Tap the **Sound on** check box to mute your device (box is unchecked).
5. Tap the **Show intro screen** box if you want the intro screen to appear each time you start Transcriber (box is checked).
6. Tap the **Show iconbar** box if you want the Iconbar to appear automatically each time you start Transcriber (box is checked).

7. Tap **Color** to select a different “ink” color.

Note This will not change the color of the recognized typed print, only the ink written on the screen.

8. Tap the name of a color listed on the pop-up menu that appears:



9. Tap the up or down arrow in the Inking box


Width: to increase or decrease the width of the ink.

10. Tap **ok** to return to the Transcriber Settings panel.
11. Tap **ok** if you are done configuring Transcriber settings.

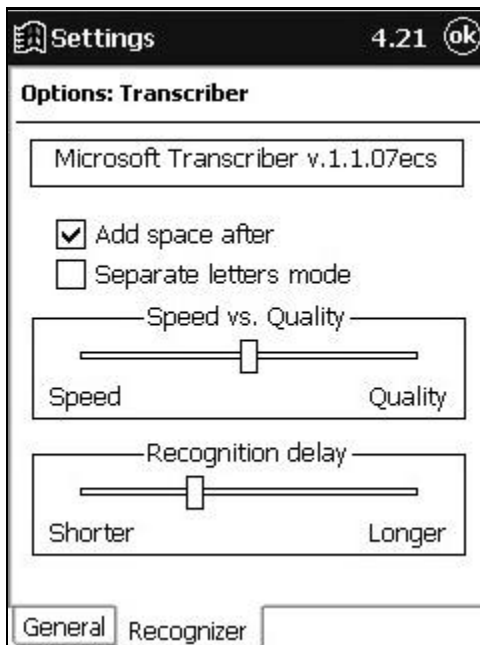
14.4.2 Personalising handwriting recognition capabilities

The recognizer is the software module that actually recognizes your handwriting. Transcriber includes options for customising how the program recognizes your handwriting.

To personalise handwriting recognition capabilities

1. Tap the arrow to the right of the hand icon , then tap **Options**.
2. Make sure that the input method is Transcriber, then tap **Options**.

3. Tap the **Recognizer** tab to display the following:



4. Check or clear the following boxes to toggle their functions on and off:



Add space after Tells Transcriber to insert a space after each recognized word or fragment.

Separate letters mode This mode forces the recognizer to only recognize words written with

separate letters. For example, *printed* would be

recognized but *curse*, because it has connected letters, will not be recognized when

Separate letters mode has been selected. If you print, selecting this option will speed up recognition.

5. Drag the slider to adjust the value of **Speed vs. Quality** to customise how you want Transcriber to trade off in speed versus quality of recognition. Moving the slider towards the speed end of the spectrum will make Transcriber recognize your handwriting very quickly, but it may contain more errors. Moving the slider to the quality end of the spectrum makes Transcriber very accurate, but at a substantial cost in speed. The default slider position is usually acceptable for most applications, providing excellent accuracy with a reasonable delay.
6. Drag the slider to adjust **Recognition delay**. This slider allows you to adjust how quickly Transcriber converts your handwriting into text. If Transcriber converts your handwriting into typed text too quickly, you might become confused, because your writing would disappear too quickly. Also, you would not have enough time to write multi-stroke letters (such as crossing the letter “t”). Therefore, setting an appropriate delay allows you to write comfortably.
7. When you have all of your settings adjusted, tap .
8. Tap  again to start using Transcriber.







14.5 Editing text

In addition to its remarkable recognition capabilities, Transcriber features some advanced editing tools:

- Iconbar editing functions
- Control gestures.

14.5.1 Using the iconbar functions

You can select a number of functions from the Transcriber iconbar. These functions are summarised as follows:

<i>Icon</i>	<i>Description</i>
	Control of Writing Orientation Tap this icon to change the screen orientation. This allows you to write at a comfortable angle without sacrificing recognition accuracy.
	Recognition Mode Tap this icon to have Transcriber recognize in upper case, lower case or numbers.
	Microsoft Transcriber Keyboard Tap this icon to display the Microsoft Transcriber Keyboard.
	Letter Shape Selector Tap this icon to access the Letter Shape Selector, a way to tailor Transcriber to your own personal handwriting style. Please refer to the section below for a more thorough explanation.
	Help Tap on this icon to display the Transcriber help menu.
	Close Tap on this icon to close the Transcriber Iconbar.

Control of Writing Orientation

Use Control of Writing Orientation to help Transcriber recognize your handwriting if you write at an angle. You can also use it if you find it more comfortable to write on the screen with it in a landscape position.

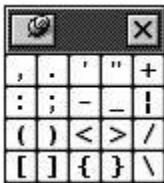


Recognition mode



The recognition mode icon has three modes, lower case, upper case and numerical. If the Iconbar shows the lower case “a”, then Transcriber will recognize both upper and lower case, capitalizing at the beginning of a sentence. The capital “A” denotes that Transcriber is in the upper case mode. Transcriber will recognize your writing as all upper case text. Transcriber numerical mode is helpful when writing math equations.

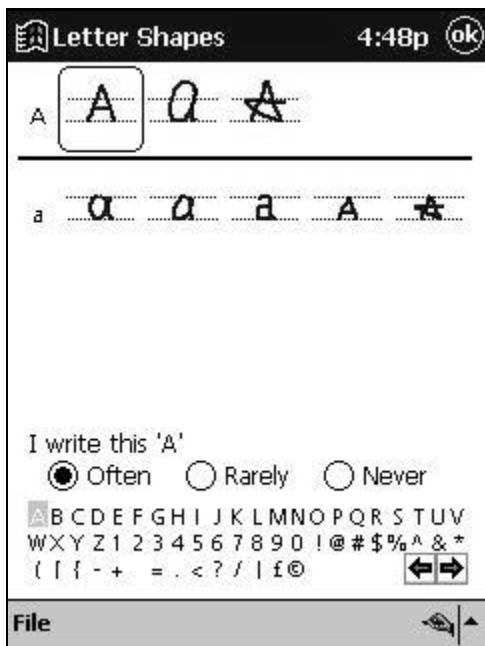
Microsoft Transcriber Keyboard



The Microsoft Transcriber Keyboard can be used for punctuation and special symbols. Simply tap on the punctuation you wish to insert. The character will be inserted at the point of the cursor. You can lock it in place by tapping the “pin” button in the upper left corner. To close the keyboard, tap the Close button (X) in the upper right corner of the keyboard.

Letter Shape Selector

The Letter Shape Selector allows you to tailor Transcriber's recognition to suit your unique writing style. This helps improve both the speed and accuracy of recognition.



You may access Letter Shape Selector from the Transcriber Iconbar.

The Letter Shape Selector screen presents various means of writing numbers, letters, and common symbols. For each letter, number, or symbol, tap each possible variation to see the animated writing pattern and check the appropriate box to tell Transcriber if you use that variation **Often**, **Rarely**, or **Never**. You may tap the letter, number, or symbol you wish to customise, or you may use the scroll arrows to

move through the list. Disabling unused letter forms helps Microsoft Transcriber work faster and more accurately, since the program will not have to search for unused letter shapes. For example, if you do not use a triangle-shaped “A” as a lower case letter, check **Never**. This helps Microsoft Transcriber select the right capitalisation, as it will now consider this shape to be a capital “A” most of the time. Close Letter Shape Selector when finished by tapping the **OK** button in the upper right corner. Your settings are automatically saved.

If you accidentally enter erroneous settings, you can tap **File>Use Original Settings** to restore the factory defaults.

You may use two sets of settings: Master and Guest. This allows you to share your Windows CE device with another person and tailor Transcriber to each unique style of writing. To select a list, tap **File>Master** or **File>Guest**.

14.5.2 Using control gestures

Control gestures are specially shaped strokes that signal Transcriber to perform the appropriate edit functions. You may use gestures for common operations such as pressing the Enter and Backspace keys. The desired action will be applied at the current cursor location.

Note You do not need to draw the arrows that appear on the gesture depictions. They merely serve to illustrate the direction that a particular gesture is made. Gray arrows next to a gesture also depict the proper method of drawing the gesture.

Enter gesture



This gesture is the functional equivalent of pressing ENTER. This action occurs at the current cursor location.

Space gesture



This gesture is the functional equivalent of pressing SPACE. This action occurs at the current cursor location.

Tab gesture



This gesture is the functional equivalent of pressing TAB. This action occurs at the current cursor location.

Backspace gesture



Draw the line from right to left. This gesture is the functional equivalent of pressing BACKSPACE.

Quick correct gesture



Draw the line straight down then retrace the same line back up.

- If a word is highlighted, the menu will prompt you to either add the selected word to the dictionary (if it is not already in either the main dictionary or the user specific dictionary) or to select an alternative word from the list.
- If no word is selected, the Quick Correct gesture opens the Microsoft Transcriber Keyboard.

Case change gesture



Highlight the desired letter, word or block of text. Use this gesture to change a letter's case.

Undo gesture



Undoes the previous action. It is the equivalent of pressing CTRL+Z in most Windows applications.

Copy gesture



Copies highlighted text to the Windows Clipboard while leaving the original text in place. It is the equivalent of pressing CTRL+C in most Windows applications.

Cut gesture



This gesture removes highlighted text from the current application and places it in the Windows Clipboard. It is the equivalent of pressing CTRL+X in most Windows applications.

Paste gesture



This gesture copies text previously placed in the Windows Clipboard into the current application while leaving the text available in the Clipboard for repeat pasting, if desired. It is the equivalent of pressing CTRL+V in most Windows applications.

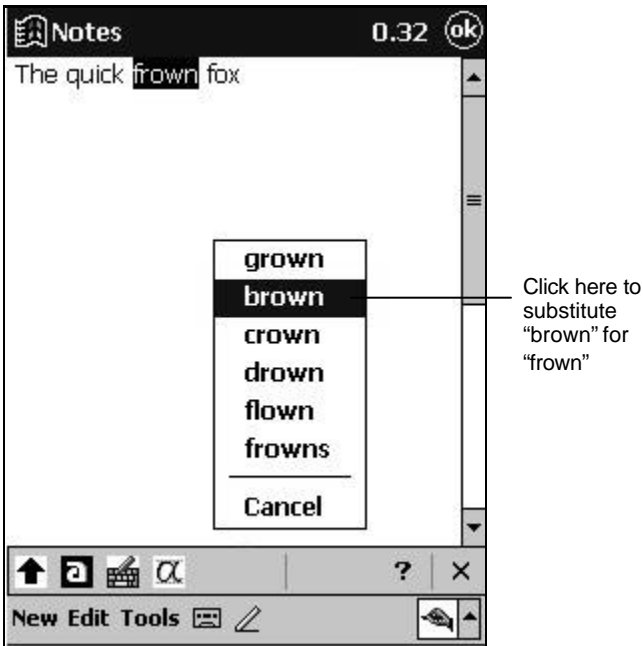
14.6 *Selecting text*

Because Transcriber tries to recognize all strokes as handwriting, you must modify the stroke to select and drag text. There are two ways to do this:

- Tap and hold the stylus still for a moment until you hear a sound. At the sound, Transcriber suspends recognition activities, and your stylus may be used as a mouse functions. Drag the stylus across the text you wish to select, just as you would with a mouse.
- Draw a line across the desired text then hold the pen or mouse for a moment. The desired block will be highlighted, and the stroke you used to select the text will disappear.

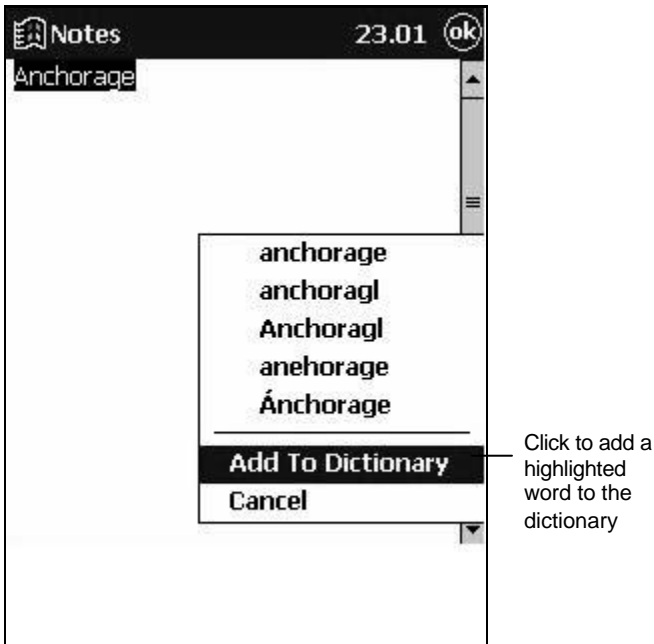
14.7 Using the alternative list

The alternative list can be used as a faster method to correct an error if Transcriber does not recognize a word. Simply highlight the incorrect word and use the Quick Correct Gesture, a vertical line from top to bottom and retracing the line back to the top. (See “Using control gestures” for an example.) This will bring up the alternative list. Tap the correct word and Transcriber automatically replaces the highlighted text with your choice from the list.



14.8 Adding words to the dictionary

If a word does not already exist in the dictionary, bringing up the alternative list gives you the option of adding it to the dictionary. For instance, the city of Anchorage was not listed in the original dictionary. By bringing up the alternative list, you can choose to add it to the dictionary:



Customising your device ▪ managing resources ▪ appendices


15 Customizing your WA 3050 device

After you have used WA 3050 for the first time, you may want to customise or at least become familiar with Pocket PC and phone program settings to make some features available every time you make an appointment, check your schedule, or use your phone. You also may want to install additional software or learn how to configure the WA 3050 to use as a modem for your PC or notebook computer when a wall jack is unavailable. Settings include options for customizing the following:




- Screens and menus
- Pocket PC security features
- Pocket PC device and system settings
- Regional settings
- Phone answering settings
- Options for displaying call length and cost
- Ring tone and vibrating alert
- Network transmission speed (GSM)
- Network and roaming order preferences
- Configuring the WA 3050 for use as a modem.

Note You can modify phone Settings only when the SIM card is inserted into the back of your device, the phone is turned on, and no calls are in progress.


15.1 Customizing screens and menus

If you did not do so during the setup process, you can customise the appearance of the Today screen. You can also select items to appear on the  menu and turn on the New button menu. The New button in specific programs enables you to open new items for the corresponding program only. Adding the New button menu gives you the additional option of opening or switching to other programs .

To customise the appearance of the Today screen

1. Do one of the following:
 - Tap , **Settings**, then tap **Today**.
 - Tap the **Today** screen header.
2. Check or uncheck items to appear on the **Today** screen.
3. Highlight an item, then tap **Move Up** or **Move Down** to change its position on the Today screen.
4. With an item highlighted, tap **Options** to select additional options for that item, then tap .
5. When you are done, tap .



To select items to appear on the menu

1. Tap , **Settings**, then tap **Menus**.
2. Tap items to appear on the **Start** menu. If you do not see a program listed, you can use either File Explorer on the WA 3050 to move the program to the Start Menu folder or use ActiveSync on your PC or notebook computer to create a shortcut to the program


and place the shortcut in the Start Menu folder on the WA 3050.

3. Tap .



To use File Explorer on the WA 3050 to move a program

1. Tap , **Programs**, **File Explorer**.
2. Tap the folder list labeled **My Documents**, then **My Device** to see a list of all folders on the WA 3050.
3. Tap the **Program Files** folder. Continue to open folders until the program file you want is listed.
4. When you have located the program file, tap and hold the stylus on the program name, then tap **Cut** on the pop-up menu.
5. Open the Start Menu folder located in the Windows folder.
6. Tap and hold a blank area of the window, then tap **Paste** on the pop-up menu. The program should now appear on the  menu.

To use ActiveSync to create a shortcut

1. On your PC or notebook computer, open ActiveSync.
2. Use the Explorer feature of ActiveSync to explore files on the WA 3050 and locate the program you want.
3. When you have found the program, right-click it, then click **Create Shortcut**.
4. Move the shortcut to the Start Menu folder in the Windows folder. The shortcut should now appear on the  menu. For more information, please see the ActiveSync help.

To turn on the new button menu


1. Tap , **Settings**, then **Menus**.
2. Tap the **New Menu** tab.
3. Tap **Turn on New button menu** so that the box is checked.
4. Tap items to appear in the New button menu.
5. Tap .


15.2 Using Pocket PC security features

You can specify ownership information so that someone can identify you as the owner of your device and return it to you if it becomes lost. You can also set a password to prevent someone from accessing the PDA features of your device without your permission. If you set a password, you must enter it each time you turn on the PDA component or if you access Password Settings to deactivate it. This password is different from the password you can set for accessing the phone (see “Activating the use of a PIN code”).




Note If you forget your password for accessing the PDA, you will need to clear memory on your device to access it (see “Resetting your device and clearing memory”).

To specify/update owner information



1. Tap , **Settings**, then **Owner Information**.
2. Tap in the box next to each item of information you want to provide and type the information using the soft keyboard. Tap **Show information when device is turned on** if you want it displayed when the Pocket PC is turned on.

3. Tap the **Notes** tab, then tap in the **Notes** box and type any other information. Tap **Show information when device is turned on** to display this information when the Pocket PC is turned on.
4. Tap .

To set a password for the PDA component

1. Tap , **Settings**, System tab then **Password**.
2. Tap on the keypad to enter a 4-digit PIN code. If you make a mistake, press and hold  to erase what you typed and start over.
3. Tap **Require password when device is turned on**.
4. Tap .

To lock Turn on buttons of your Pocket PC



1. Tap , **Settings**, System then Turn on buttons.
2. Choose the start option.
3. Tap .

15.3 Adjusting Pocket PC device settings



From time to time, you may wish to adjust a number of Pocket PC device settings. These settings include options for:

- Assigning programs other than the defaults to the program buttons
- Adjusting input settings to improve speed and accuracy
- Customizing system sounds and reminders.


To assign programs to buttons


1. Tap , **Settings**, then **Buttons**.
2. Tap the name of a button in the left-hand column.
3. Tap ▼ on the **Button assignment** box, then tap the name of a program to assign to the button.
4. Tap **Restore Defaults** to return button assignments to their defaults.
5. Tap the **Up/Down Control** tab to customise the way the **Up/Down** control repeats.
6. Tap .

To adjust input settings to improve speed and accuracy

1. Tap , **Settings**, then **Input**.
2. Tap ▼ on the **Input** method box and select an input tool.
3. Follow the on-screen instructions to make any customisations for input methods, including size of the soft keyboard keys, word completion rules, writing and typing zoom levels, and voice recording format.
4. When you are done, tap .

To adjust system sounds and reminders

1. Tap , **Settings**, then **Sounds & Reminders**.
2. Drag the **System volume** slider to adjust the system volume. (This setting does not affect the loudness of the phone ringer.)
3. Select options for enabling or disabling sounds for events, programs, screen taps, and hardware buttons.
4. Tap the **Sounds** tab to select sounds for event names.



5. Tap the **Reminders** tab to select options for system reminders.
6. When you are done, tap .

15.4 Customizing system settings



As part of customizing PDA system settings, you may want to specify a device name and align the touch screen if these steps were not done when the Setup Wizard was run. You may need to repeat the alignment process if your device is not responding accurately to screen taps. You also may want to adjust:

- PDA turn-on button settings
- Backlight settings
- Power settings
- Clock settings
- Regional settings.




To specify a device name

1. Tap , **Settings**. On the **System** tab, tap **About**.
2. Tap the **Device ID** tab.
3. Tap the **Device name** box and type a name for your device. This name appears in the ActiveSync window when your device is in the cradle and ActiveSync recognizes it.
4. Tap the **Description** box and type a description for your device.
5. Tap .



To align the touch screen

1. Tap , **Settings**. On the **System** tab, tap **Align Screen**.
2. Follow the on-screen instructions to complete the process.
3. When you are done, tap .



To adjust PDA turn-on button settings

1. Tap , **Settings**. On the **System** tab, tap **Turn-On Buttons**.
2. By default, you can turn on the PDA component of your WA 3050 device by pressing the PDA Power ON/OFF button, or the , **Record**, or any of the program buttons. To prevent the PDA from being powered on by any button other than the PDA Power ON/OFF button, tap **Press only the power button**.
3. Tap .



To adjust backlight settings

1. Tap , **Settings**. On the **System** tab, tap **Backlight**.
2. Select backlight options when the unit is on battery power. For example, specify the amount of idle time before the backlight turns off.
3. Tap the **External Power** tab and select backlight options when the unit is on external power.
4. Tap .



To adjust power settings

1. Tap , **Settings**. On the **System** tab, tap **Power**.
2. Select power options when the unit is on battery power and external power.
3. Tap .



To specify clock settings

1. Tap , **Settings**. On the **System** tab, tap **Clock**.
2. Select options to specify the local time and date and that for a travel destination.
3. Tap **Home** or **Visiting** to set the default time and date to one of these locations.
4. Tap the **Alarms** tab to define up to four alarms.
5. Tap .




To adjust the display contrast

1. Tap , **Settings**. On the **System** tab, tap **Contrast**.
2. Drag the slider to adjust the screen contrast.
3. Tap .





To specify regional settings

1. Tap , **Settings**. On the **System** tab, tap **Regional Settings**.
2. Select options for specifying local language, number format and currency, and time and date.
Note Regional settings will affect the format of call cost, date, and time information shown in the phone application's **Call Status** and the **Call Log**.
3. Tap .

15.5 *Setting options for answering calls*

Normally you answer a call by pressing . The WA 3050 gives you the option of answering a call by pressing any of the hardware buttons – the program buttons, and the Volume, , Record, and Action buttons. (Pressing  would still reject an incoming call.) In addition, you can select options for answering calls automatically when the WA 3050 is connected to a car kit or the headset is in use.

To set options for answering calls

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap **Connected to car kit** if you want to answer calls automatically when the WA 3050 is connected to a car kit. When calls are answered this way, there is no ringing to announce your caller, and he or she is connected instantly.
3. Tap **Headset in use** if you want to answer calls automatically when using the headset.
4. Tap the **Any key** option if you want to be able to answer incoming calls by pressing the , , Record, Action, or any of the program buttons.
5. Tap .



15.6 **Setting options to show call length and cost, and delete the call log**

Call Status and the Call Log display the date, time, and phone number of each incoming or outgoing call. If there is a match between a number and one stored in Contacts, the name associated with the caller in Contacts is included if Caller ID is supported as part of your subscription.



If you want more detail about call activity, you can select options for showing the length and cost (if supported by your subscription) of each call as well as the total length and cost of all calls. Time and cost are formatted according to Regional Settings (see “Customizing system settings”).


Other options enable you to specify whether to delete the Call Log after the phone is turned off. By default, the Call Log is retained when the phone is turned off. You can access the Call Log to retrieve information for up to 20 of the most recent calls made or received. If you choose to delete the Call Log, you will not be able to retrieve this information. When there are 20 calls in the Call Log, any new call causes the oldest call to be deleted automatically.

To set the option for showing call length



1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap the **Other** tab.
3. Tap **Show call length**.
4. Tap the **Reset** button next to **Total talk time** if you want to reset the total talk time to zero.
5. Tap .

To set the option for showing call cost

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Cost**, which displays the PIN entry screen. Use the stylus to type your PIN2 code. PIN2 codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter the code.

If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.
3. Tap **Display call cost**.
4. Tap and select a value for **Currency**.
5. Tap **Phone units**. Type the unit cost you pay as part of your phone service in **Price per phone unit**.
6. Tap the **Reset** button next to **Total call cost** to reset the total call cost to zero.
7. Tap .



To delete the Call Log when phone is turned off

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap **Other**.
3. Tap **Delete Call Log when the phone is completely off** to activate this option.
4. Tap .

15.7 *Causing the display to be turned off during a call*

A number of power-saving features are built into your device. If enabled, these options apply whether you are using the PDA or phone features (see “Managing power”). The WA 3050 includes an additional option to turn off the display screen during a phone call to conserve power. The display screen reappears when you end a call if the phone is still turned on.


To cause the display to be turned off during a call

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**, then **Other**.
2. Tap **Turn off display during call to save power**.
3. Tap .

15.8 *Selecting options for ring tone and vibrating alert*

Another group of phone settings enables you to choose a .WAV file to use instead of the default ring tone as the ring type, and to adjust the ringer volume. This .WAV file can be one you download from the Web or another source. You can also select the vibrating alert pattern.

To select options for ring tone and vibrating alert

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Ring & Phone Numbers**.
2. Drag the slider on the **Ring volume** slide bar to adjust the ring volume. Speaker volume is independent of ring volume and is adjusted separately.
3. Place the stylus on the **Play this .WAV file to ring** box to select a .WAV file to use instead of the default ring tone. Tap the **Play** button to preview a WAV file and **Stop** to end previewing it.

Note You can customise this list to include .WAV files downloaded from the Web or other source. Use File Explorer on your PC or notebook computer to copy any .WAV files to **Mobile Device/My Melodies** on your device when it is connected to your computer (see “Finding and organising information”).

4. Select **Vibrating alert** to select a vibrating alert type. By default, the phone uses both vibration and ringing to notify you of an incoming call.

If you select **Vibrate only**, the **Ring volume** slider is disabled, and the phone will vibrate only to notify you of an incoming call.

If you select **Vibrate + ring**, the phone will vibrate at the same time that it rings (the default). The phone vibrates for about 1½ seconds, followed by no

vibration for about 3 seconds, and is independent of the ring pattern.

If you select **Vibrate then ring**, two vibration cycles are followed by one cycle of vibration and ringing at low volume, followed by a cycle of ringing at the **Ring volume** setting.



If you turn off the ringer (silent mode), it does not affect the settings for vibrating alert. When the ringer is turned back on, any vibrating alert settings specified previously are again in effect. Similarly, none of the vibrating alert settings changes the ring volume setting.

5. Tap .

15.9 Specifying voice mail and other personal numbers

You should review the list of phone numbers associated with your personal subscription and if necessary enter your voice mail number as part of configuring your phone settings. These numbers may be stored on the SIM card given to you when your mobile phone service was established. If they are absent but you have inserted the SIM card, you can add them when you specify your voice mail number. Contact your carrier to obtain the correct numbers if necessary.



To specify voice mail and other personal numbers

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Ring & Phone Numbers**.
2. Tap **My Numbers**.
3. Review the numbers listed. If no numbers are present, you can enter them in the spaces provided.
4. If some of the numbers are displayed, review and enter your voice mail number and other numbers as needed.
5. Tap .

15.10 Selecting an alternative radio speed (GSM network)

By default, the radio speed of your device is set to 9600 bps, the speed most commonly used by GSM carriers. If your carrier uses a different speed, you can set your WA 3050 device accordingly to operate at the different speed.

To select an alternative radio speed

1. Tap , **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap the **Data** tab.
3. Tap ▼ on the **Radio speed** box and select another speed from the list.
4. Tap .


15.11 Selecting GSM network preferences


As part of Call Services, you can:

- Review a list of available GSM networks
- Customise the roaming order among networks that can be used by your phone.


You may want to perform these procedures when travelling outside of your normal calling area or if you are having problems placing a call.

To show available networks

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Call Services**.

2. Tap the **Network** tab.
3. Tap **Show available networks**. After several seconds, a list is displayed.
4. Select a network other than the first one on the list to make it the one currently in use. Any networks within the range of the phone but that can be used only to place emergency calls are shown with “!!!” before and after the network name.
5. Tap .

To choose a preferred roaming order

1. Complete the procedure for showing available networks.
2. Select a network to add from the list next to the **Add** button, or type a network LAI in the space provided, then tap the **Add** button to add it to the networks listed in **Roaming order**.
3. Select the name of a network in **Roaming order** then tap **Move up** or **Move down** to change its position in the roaming order. Select a network then tap **Remove** to remove it from the list.
4. When you are satisfied with the roaming order, tap .

15.12 Adding or removing programs

Programs added to the WA 3050 at the factory are stored in ROM (read-only memory). You cannot remove or modify this software, and you will never accidentally lose ROM contents. Programs and data files added after factory installation are stored in RAM (random access memory).


You can install any program created for the WA 3050 as long as the device has enough memory. The most popular place to find software for Pocket PCs is on the World Wide

Web. Be sure that you have a backup copy of a program if you remove it in case you want to re-install it later.


To add a program

You will need to install the appropriate software on your PC or notebook computer before installing it on your WA 3050 device.

1. Download the program to your PC or notebook computer (or insert the CD or disk that contains the program into your computer). You may see a single *.exe file, a *.zip file, a Setup.exe file, or several versions of files for different manufacturers and processors. Be sure to select the program designed for the Pocket PC.
2. Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
3. Connect your WA 3050 device to your computer using either the serial cable or cradle.
4. Double-click the *.exe file.
 - If the file is an installer, the installation wizard will begin. Follow the directions on the screen. Once the software has been installed on your computer, the installer will automatically transfer the software to the WA 3050.
 - 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 will need to move this file to the WA 3050. 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 WA 3050. For more information on copying files using ActiveSync, please see the ActiveSync Help.

Once installation is complete, tap , **Programs**, then the program icon to switch to it.

To remove a program

1. Tap , then tap **Settings**.
2. Tap the **System** tab, then tap **Remove Programs**.
3. If the program is not listed as an installed program, use File Explorer on the your WA 3050 device to locate the program.
4. Tap and hold the program name.
5. Tap **Delete** on the pop-up menu.

15.13 Configuring your WA 3050 device to use as a modem for your PC

If you need to connect to the Internet, send or receive e-mail, or access a network or remote system from your PC or notebook computer when a wall jack is unavailable, you can configure your WA 3050 device for use as a modem when it is connected to your computer via the serial cable or cradle. The following conditions must be met to use this feature:



- The phone must be turned on
- The COM port must be disconnected (in ActiveSync)
- The option for using the phone as a modem must be selected

By default, you can browse files on your WA 3050 device from your desktop or notebook system and perform a synchronization using ActiveSync when your device is connected to your computer and a partnership has been established. You cannot, however, browse files on your WA 3050 device while using it as a modem.



When you are done using the WA 3050 as a modem, you must reconfigure it for use as a phone to make or receive calls. You will need to restart ActiveSync and reconnect the COM port to synchronize files.

To configure your WA 3050 device for use as a modem

1. In the ActiveSync window on your desktop or notebook system, click **File**, then **Connection Settings**.
2. Click **Allow serial cable or infrared connection to this COM port** so that it is unchecked.

3. Click **OK**.
4. In ActiveSync, click **File**, then **Close**.
5. On the WA 3050, tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
6. Tap the **Data** tab.
7. Under **Use product as**, tap **Modem**.
8. Leave **Use RLP error correction** selected to use error correction mode for transmitting data.
9. Tap .
10. Connect your WA 3050 device to your desktop or notebook system using the serial cable or cradle, then check that the phone is turned on so that the modem is available for use.

To reconfigure your WA 3050 device for use as a phone

1. On your WA 3050 device, tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap the **Data** tab.
3. Under **Use product as**, tap **Phone**.
4. Tap . You can now use your WA 3050 device to make and receive calls.
5. On the desktop or notebook system, click **Start**, point to **Programs**, then click **Microsoft ActiveSync** to restart ActiveSync.
6. In the ActiveSync window on your desktop or notebook system, click **File**, then **Connection Settings**.
7. Click **Allow serial cable or infrared connection to this COM port** so that it is checked.

8. Click **OK**.
9. In ActiveSync, click **File**, then **Close**.
10. Before attempting a synchronization in ActiveSync, you will need to reestablish a partnership between the WA 3050 and the PC or notebook computer.

16 Managing resources

Almost as important as learning how to access and use the programs on the WA 3050 is a familiarity with some basic tools for managing system resources to stay productive and prevent problems before they occur. These tools help you to do the following:

- Manage power sources
- Adjust storage and program memory
- Manage SMS and faxes
- Stop or activate running programs
- Back up and restore data.

As part of managing resources, you can also monitor your phone usage to keep track of costs and estimate how much airtime you are using each month.

16.1 *Managing power*

Because the data you save and any programs you install on the WA 3050 are stored in RAM, it is extremely important to maintain a continuous source of power to your device. If you allow both the main battery and backup battery to become drained of power, you will lose all of the information you have entered.

Check battery power levels periodically to avoid running low. If warning messages are displayed, be sure to respond to them promptly to recharge the main battery and replace the backup battery when necessary. Just connect the WA 3050 to external power to recharge the main battery automatically. The amber status LED flashes while the battery is charging and remains lit when it is fully charged.

If you cannot connect to external power, turn off your device to conserve energy until you can connect to it.




Warning Your WA 3050 device contains a lithium-ion polymer battery pack. There is a risk of fire and burns if the battery pack is handled improperly. Do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Do not attempt to open or service the battery pack. Replace only with the battery pack designated for this product. Dispose of batteries properly.

Your device also contains a coin-cell lithium battery. The same precautions apply to handling this battery. There is a danger of explosion and risk of personal injury if this battery is incorrectly replaced or mistreated. Do not attempt to recharge it, disassemble it, or immerse it in water or dispose of in fire. Replace the coin-cell battery only with the battery designated for this product. Dispose of used batteries properly.

A simple way to conserve power is to turn off the backlight whenever your device is idle. You can do this by holding down the **PDA power ON/OFF** button. You can also adjust an interval after which the backlight is automatically turned off. Review the procedures for adjusting the backlight and power settings in “Customizing system settings”.

Tip When you finish making a call, press the **PDA power ON/OFF** button to turn off the display and save power. The phone will still be on and you will be able to receive incoming calls.

To check power levels

- Tap , **Settings**. On the **System** tab, tap **Power**.

16.2 Adjusting storage and program memory

Windows automatically manages the allocation of storage and program memory on your device. More memory may be used for storage as you install additional programs and generate data files. Programs accessed the least of all programs residing in memory are closed automatically as new programs are opened.

Note Specialized software that communicates with the phone and PDA components prevents Windows from closing the phone application automatically as part of memory management. Once you turn it on, your phone is available for making or receiving calls until you turn it off or it loses power.

Sometimes the operating system may not be able to adjust the memory allocation, and a message may appear informing you that memory is low or unavailable. When this occurs, you can try one or more of the following to increase storage memory temporarily:




- Manually adjust the amount of storage and program memory
- Install a CompactFlash memory card and move files from storage to the card
- Delete files you no longer need or transfer them to your PC or notebook computer
- Move e-mail attachments to a storage card
- Periodically check the WinPhone Inbox, Outbox, and Sent folders to delete SMS messages and faxes you no longer need (see “Managing SMS and faxes”)
- In EzWAP, select options to clear history and temporary files

- Remove Web pages stored for offline viewing (Active Channels)
- Minimize memory used by mobile favorites (see “Mobile favorites”)
- In Pocket Internet Explorer options, delete all files and clear history
- Remove programs you no longer use (see “Adding or removing programs”)
- Clear program memory by stopping some programs , which clears some storage memory so that it can be reallocated as program memory, or by resetting your device (see “Resetting your device and clearing memory”).

To move e-mail attachments

1. In Inbox, tap **Tools**, then **Options**.
2. On the **Storage** tab, tap **Store attachments on storage card**. All attachments are moved to the storage card, and new attachments are automatically stored on the card.


To delete EzWAP history and temporary files

1. On the EzWAP main window, tap .
2. Tap **Preferences**.
3. Tap  to conceal the soft keyboard if necessary.
4. Tap **Clear history** and **Clear cache**.
5. Tap .

To delete Internet Explorer files and history files

1. Open Pocket Internet Explorer.
2. Tap **Tools**, then **Options**.
3. Tap **Delete Files** and **Clear History**.

To adjust storage and program memory

1. Tap , **Settings**. On the **System** tab, tap **Memory**.
2. Drag the slider to adjust the amounts of **Storage** and **Program** memory.
3. To obtain more storage memory, tap **Remove programs to free storage memory**.
4. If there are programs listed that you no longer use, consider removing them to create more storage memory. If you think you may want to use a program in the future, be sure you have a backup copy of it or know where to locate one before deleting it. See

“Backing up and restoring data” for instructions on making backup copies of programs . To remove a program that you no longer use, tap the name of the program, then tap **Remove** to delete it from storage memory.






5. Tap **Adjust memory allocation** to return to the memory allocation screen.
6. If you want to create additional storage memory, tap **Find large files to free storage** to display a list of files larger than 64 KB. Make notes about large files you no longer want or need, then delete them later using Windows Explorer.
7. If you have deleted or archived some programs and data files, you may want to repeat Steps 1-2 to readjust storage and program memory if necessary.
8. Tap **ok**.

16.3 Managing SMS and faxes


Copies of SMS messages and faxes are stored in memory on your device. If you do not move them to another system or delete them, incoming messages and faxes are retained in the WinPhone Inbox, and any unsent messages or faxes accumulate in the WinPhone Outbox. Copies of items that have been sent are retained in the Sent folder.

To keep memory from becoming cluttered with information you no longer need, periodically check the WinPhone Inbox to review and delete messages and faxes you have received. Send or delete any unsent messages and faxes stored in the Outbox, and delete unneeded items from the Sent folder.

To delete SMS and faxes you no longer need

1. Press the  program button, or tap , **Programs**, then **SMS & Fax** to activate WinPhone.
2. On the WinPhone main window, check that the Inbox folder  is selected, then highlight items you no longer need. SMS items are identified by the  icon. Faxes are identified by the  icon.
3. Tap **Tools**, then **Delete** to delete the selected items.

To send or delete unsent messages and faxes



- When the WinPhone Outbox  is selected, highlight individual messages and faxes, tap **Tools**, then tap **Send all SMS**, **Send all faxes**, or **Send all** to send all selected unsent items. (Highlight any individual items you no longer want to send first, then tap **Delete** to delete them.)
- In the Sent folder, highlight unneeded items, then tap **Tools** and **Delete**.

16.4 *Stopping or activating a running program*

Manually adjusting the amount of storage and program memory can temporarily alleviate a shortage of program memory, and removing programs from storage memory releases memory that can be reallocated as program memory.

A more direct way of creating additional program memory when you need it is to stop a running program. You can reactivate a stopped program later to resume using it.

To stop or activate a running program

1. Tap , **Settings**. On the **System** tab, tap **Memory**.
2. Tap the **Running Programs** tab.
3. Do one of the following:
 - Tap one of the programs listed, then tap **Stop** so that it is no longer active in memory, or tap **Activate** to switch to that program.
 - Tap **Stop All** to stop all running programs .
4. Tap .

16.5 *Backing up and restoring data*

To prevent loss of data, it is essential that you transfer or backup files periodically to a CompactFlash card or to external storage on a PC or notebook computer. In any case, SAGEM cannot be responsible for the loss (partial or otherwise) of your data. If you do not use your device for an extended period, be careful about the level of the backup battery. If the backup battery is low, SAGEM cannot be responsible for any loss of your data.

When your device is connected to a PC or notebook computer, you can use File Explorer to copy files between the WA 3050 and the computer by dragging icons to or from the Mobile Device window. This is a quick way to make a backup copy of a document you are working on.

Backups using ActiveSync provide a comprehensive approach to data protection and retrieval. The backup file can be created automatically each time you connect to your PC or notebook computer. It is stored on your computer and contains all the files, databases, PIM information, and copies of any programs you have installed on the WA 3050.

To back up data with ActiveSync

1. Connect your WA 3050 device to a PC or notebook computer.
2. In the ActiveSync window on the PC or notebook computer, on the **Tools** menu, click **Backup/Restore**, then click the **Backup** tab.
3. Select either **Full Backup** (to backup all information every time) or **Incremental Backup** (to backup only new or updated information).
4. Click **Change** to change the name of your backup file or to specify a location for your backup file.
5. Click **Back Up Now**.

To restore data with ActiveSync



Caution Restoring data from ActiveSync replaces all information stored on the WA 3050. Any data added after the last backup file was created will be lost. Move any files you do not want deleted to your PC or notebook computer.

1. Connect your WA 3050 device to a PC or notebook computer.
2. Close all running programs on the WA 3050.
3. In the ActiveSync window on the PC or notebook computer, on the **Tools** menu, click **Backup/Restore**, then click the **Restore** tab.
4. Click **Restore Now**. Do not use your device until the restore process is complete.
5. When the process is complete, remove the WA 3050 from the cradle, remove the CompactFlash card (if installed), and reset the WA 3050 (see “Resetting your device and clearing memory”).

If you have made incremental backups, you must restore each backup file individually, starting with the original

(full) backup and progressing in sequence from oldest to most recent.



To select the backup file to restore, connect the WA 3050 to a PC or notebook computer as a guest. If you have already established a partnership with the computer, you must delete it first, then set up the guest connection. (In ActiveSync, on the **File** menu, click **Delete Partnership**)

16.6 Monitoring phone usage



If you select options for showing call length and cost (see “Setting options to show call length and cost, and delete the call log”), you can monitor your phone usage to keep track of how much airtime you are using and estimate its cost. Costs shown are based on the price per phone unit you pay for your phone service. Total call length and cost will likely differ from information on billing statements from your carrier, which may include setup fees, taxes, and other charges.


Monitoring your phone usage can help you decide whether to activate cost limitations, call barring, or fixed dialing (see “Using the security features of your phone”), or to use some other measures to manage your telecommunication costs.

To monitor total call length (airtime)

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **General**.
2. Tap the **Other** tab.
3. Observe the amount of **Total talk time**.
4. If you want to restart the timer, tap **Reset** to set the total talk time to zero.
5. Tap .

To monitor total call cost

1. Tap  then **Settings**. On the **Personal** tab, tap **Phone**, then **Security**.
2. Tap **Cost**, which displays the PIN entry screen. Use the stylus to type your PIN2 code. PIN2 codes must be from 4 to 8 characters in length. If you make an error, press and hold  to delete what you typed and reenter the code.

If you make three incorrect entries, the SIM card is blocked and must be replaced or unlocked by your carrier, who may provide a PIN Unlock Key (PUK). If you select **Cancel**, you will only be able to place emergency calls (no PUK required) until your card is replaced.
3. Observe the amount of **Total call cost**. If you have not selected the option for showing call cost (by tapping **Display call cost**), this field is blank and inactive.
4. If you want restart the process, tap **Reset** to set the total call cost to zero.
5. Tap .

Appendix A: Troubleshooting

This chapter contains troubleshooting information that can help you to solve problems you might experience when using your WA 3050 device. It also has a tips section that may help you to get better service from your device.

If you are unable to solve a particular problem, see “Finding Information”. The various documents and websites listed there may have the information you need to solve the problem.

If you encounter a problem that you cannot solve, contact SAGEM technical support or your service provider for assistance.

A.1 Resetting your device and clearing memory

If your device responds slowly, stops responding as expected, or “freezes,” try resetting it. A reset causes the WA 3050 to restart and re-adjust memory allocation. Unsaved data in open windows may be lost.

To reset your device

- Use the stylus to press and hold the **Reset** button for about two seconds.

Note Do not turn off the PDA component when resetting your device. Power must remain on in order to reset it.

If you forget your password for accessing PDA features or want to clear all data from the WA 3050 and return it to its factory settings, you should clear the memory.



Caution Clearing memory deletes all data and restores the WA 3050 to its default settings. Any data you have created and any programs you have installed are erased.

To clear memory

1. Disconnect the WA 3050 from external power.
2. Turn over the device.
3. Remove first the main battery, then the backup battery.
4. Wait at least one minute, then replace both batteries.
5. Turn over your device, then press the PDA power ON/OFF button to restart it.
6. Run through the Welcome Wizard again to reestablish your system and calibration settings.

Note Use ActiveSync to keep a backup copy of your data available so that if you need to clear memory, you can restore the data. See “Backing up programs and data” and the ActiveSync help on your PC or notebook computer.

A.2 Battery loses power

When the batteries are low, you will see a battery icon in the status bar of the Today screen. Replace or recharge low batteries as soon as possible. If the main battery is discharged, your data will be preserved by the backup battery. If the backup battery is discharged, you may lose data.



Warning Do not disassemble, crush, puncture, short external contacts, or dispose of the main battery pack in fire or water. Do not attempt to open or service the battery pack. Replace only with the battery pack designated for this product. Dispose of batteries properly.

Similarly, do not attempt to recharge the coin-cell lithium (backup) battery, disassemble it, or immerse it in water or dispose of in fire. Replace only with the battery designated for this product. Dispose of used batteries properly.



Caution Do not leave the main battery in a fully discharged state, especially if you are not using your device for extended periods of time. You may lose data if the backup battery becomes discharged.

You want your battery charge to last as long as possible, especially when you are travelling. Under normal conditions, you can get many hours of use from a full charge. Refer to the following tips to help you get the most from them:

Use external power whenever possible

Use the adapter to connect the WA 3050 to external power whenever possible, especially when:

- Establishing a remote connection (some modems use a lot of power)
- Using the backlight feature of the display
- Connecting to a computer
- Playing audio files for extended periods

Shorten auto-suspend time

While on battery power, the WA 3050 automatically suspends operation if you have not touched the hardware buttons or used the stylus for two minutes. Maximize battery life by shortening this interval time (see “Customizing system settings”).

Turn off sounds


Your WA 3050 device produces sounds in response to a number of events, such as warnings, appointments, and screen taps. To optimize battery life, turn off any sounds you do not need. Refer to the procedure for adjusting system sounds and settings in “Adjusting Pocket PC device settings”.

Turn off the notification light

You can also turn off the notification light to conserve power. Refer to the procedure for adjusting system sounds and settings in “Adjusting Pocket PC device settings”. On the **Reminders** tab, clear the **Flash light for** check box to turn off the notification light.


A.3 If you need to check the software version

If you need to know the version of a software component on the WA 3050, do one or more of the following:

- Select the **About** option from a program menu to display the most current version information. This option is often available from the **Help** menu but may be accessed differently in some programs. For example, in EzWAP, tap  then **About**. In WinPhone, tap **Tools**, then **About**.
- View the readme.txt file to confirm versions of the dialing program and other “factory-installed” custom components.

Note The readme.txt file will not reflect the correct version data for any third-party programs you have upgraded from factory-installed versions.

To display the readme.txt file

1. Tap , **Programs**, then **File Explorer**.
2. In File Explorer, tap **My Documents**, **My Device**, then the **Windows** folder.
3. Scroll the list of items and tap **readme** when it appears.

A.4 If you forget your Pocket PC password

If you forget your Pocket PC password, you will need to clear memory on your device. See “Resetting your device and clearing memory”.

If you have used **ActiveSync** to create a backup file, all of your program data can be restored. Your Pocket PC password is removed and you can set a new one.

A.5 If you run out of memory

The operating system automatically adjusts the allocation of memory for storage and program needs on your device. If you receive a message indicating that memory is low, refer to the procedures in “Adjusting program and storage memory” to adjust memory manually.

A.6 Screen freezes or responds slowly

If the screen freezes or the system responds slowly, try resetting your device (see “Resetting your device and clearing memory”). If the symptom continues, the device may have run out of memory. Check the memory usage and clear storage memory.

A.7 Screen is blank

If the WA 3050 does not respond when you briefly press the Power button, press and hold the button for a full second. If that does not work, try the following in order until the problem is resolved:

- Connect the WA 3050 to external power
- Reset the device (see “Resetting your device and clearing memory”).

A.8 Screen is dark

Prolonged exposure to direct sunlight may cause the screen to darken temporarily. This is normal for LCD screens and is not permanent.

A.9 Screen is hard to read

- Turn on the backlight by holding down the Power button for one second.
- Adjust the backlight brightness level (see “Customizing system settings”).
- Position a lamp so that the light shines directly on the screen.
- If it is difficult to view a document in Notes, try changing the size of the view. To do this, tap a zoom percentage on the **Tools** menu. In Pocket Word and Pocket Excel, on the **View** menu, tap **Zoom** then select a zoom percentage. In Pocket Internet Explorer, on the **View** menu, tap **Text Size** then select a size.
- If it is difficult to view Pocket Outlook data, try enlarging the display font. To do this within Calendar, Tasks, or Contacts, tap **Tools**, then **Options**, then tap **Use large font**.

A.10 Inaccurate response to stylus taps

Adjust the touch screen to respond more accurately to screen taps (see “Customizing system settings”).

A.11 Slow or no response

Reset your device as described in “Resetting your device and clearing memory”.

A.12 No sound

If you lose audio capabilities, you may have forgotten to close a dialog box before switching to another program.

If this problem occurs, try resetting your device to regain audio capabilities (see “Resetting your device and clearing memory”).

A.13 Infrared (IR) connection problems

If you are unable to use IR to transfer information, try the following:

- Transfer only one file or no more than 25 contact cards at a time.
- Line up the IR ports so that they are unobstructed and within a range of 30 centimeters.
- Make sure nothing is between the two IR ports.
- Adjust the room lighting. Some types of light interfere with IR connections. Try moving to a different location or turning off some lights.

A.14 Modem connection problems


You may encounter the following problems when using an modem. Additional troubleshooting information is available in Connections Help on the WA 3050 and ActiveSync Help your PC or notebook computer.


Cannot dial out

- Remove the WA 3050 from the cradle. You cannot connect using a modem if the WA 3050 has an active connection with the computer.
- Verify that the modem is firmly seated and connected to the WA 3050 and to the telephone jack.
- Make sure the telephone line is analog. (Analog telephone lines transmit data in analog instead of digital form. Your home telephone line is most likely analog, while office telephone lines are often digital.)





Caution Connecting a modem to a digital telephone line may damage your modem. If unsure, ask a knowledgeable person before connecting the modem.


- If you create a modem connection for an external modem, select **Hayes Compatible on COM1** as your modem. If you are using a modem card, select the modem card as your modem.
- To use an external modem, you need to use a NULL modem cable and appropriate adapters to connect the external modem to the WA 3050.
- Make sure the modem is waiting for a dial tone. Tap  then **Settings**. On the **Connections** tab, tap **Modem**. Tap your connection and tap **Next** twice. Make sure **Wait for dial tone before dialing** is selected.

- For international calls, allow more time for the call to go through. Tap  then **Settings**. On the **Connections** tab, tap **Modem**. Tap your connection and tap **Next** twice. Clear **Cancel the call if not connected within** or increase the number of seconds allowed. For information on dialing patterns, see Connections Help on the WA 3050.

Can dial out but unable to make a proper connection

- Make sure the network to which you are trying to connect supports the Point-to-Point Protocol (PPP). Your Internet service provider or network administrator can verify this.
- Verify that the location is correct. Tap  then **Settings**. On the **Connections** tab, tap **Modem**. On the **Dialing** tab, make sure that **Location** reflects your current location.
- Tap **Dialing Patterns** to make sure the correct sequence of numbers is being dialed.
- For information on dialing patterns, see Connections Help on the WA 3050.
- Verify that you are using the right phone number for the modem you are trying to reach. Tap  then **Settings**. On the **Connections** tab, tap **Modem**. Tap the connection, then tap **Next** and double-check the phone number you are trying to reach.


Connection is unreliable

- Make sure the modem is firmly seated and connected to the WA 3050 and to the telephone jack.
- Disable call waiting. Tap  then **Settings**. On the **Connections** tab, tap **Modem**. On the **Dialing** tab, tap

Disable call waiting, then enter the disable code specified by your telephone company.

A.15 Network connection problems




The following solutions may help if you encounter problems when using a network card for network connections. Additional troubleshooting information is available in Connections Help on the WA 3050 and ActiveSync Help on your PC or notebook computer.

- Verify that you have an Ethernet card that is compatible with the WA 3050.
- Verify that you have added necessary server information. Tap  then **Settings**. On the **Connections** tab, tap **Network**. Tap your installed adapter (usually your Ethernet card's name) and enter any necessary information. Most networks use DHCP, so you should not have to change these settings unless your network administrator instructs you to do so.
- If **Network Connection** is not listed as a connection method in the **ActiveSync** dialog box when starting synchronization, wait a few minutes and try again. Also, if synchronization does not start right away, the network is probably busy, and it may take a minute for the WA 3050 to connect to the network.
- Make sure that the proper drivers for your card are installed on the WA 3050. For more information, see the owner's manual for the network card.
- Verify with your network administrator that your user name and password are correct.
- Verify with your network administrator that the network you are trying to connect to is available, or try to connect to it from another computer.

- You may need to change the device name if you are trying to connect to a network and cannot because another device with the same name is already connected. To change the device name, refer to the procedure in “Customizing system settings”.

A.16 Cable connection problems

The following solutions may help if you encounter problems when connecting the WA 3050 to a PC or notebook computer. Additional troubleshooting information is available in Connections Help on the WA 3050 and ActiveSync Help on your PC or notebook computer.

- Ensure that the WA 3050 is turned on.
- If a modem or Ethernet card is inserted into the WA 3050, remove it.
- Ensure that you do not have any other active connections. Tap  then **Today**. Tap  or  at the bottom of the screen, then **Disconnect**.
- Ensure that the cradle’s cable is securely plugged into a serial port on the back of the PC or notebook computer. Use the cable that came with the cradle without any extra cables or extenders attached.
- Ensure that the WA 3050 is securely placed into the cradle.

A.17 Travel guidelines

For safety and convenience when traveling with your WA 3050 device, follow these guidelines:

- Back up your data before you leave.
- Take a backup copy of your data with you.
- Disconnect all external equipment.
- Take the external power supply adapter and new batteries with you.
- Hand-carry your device in a protective case. Do not check it with your luggage.
- Be aware of potential effects of airport security devices on your device.



Caution There are three types of airport security devices: X-ray machines, magnetic detectors (the device you walk through), and security magnetic wands. You can send your device through airport X-ray machines. However, we recommend that you do not send your device through magnetic detectors or expose it to security magnetic wands.

- Check with the airline if you plan to use your WA 3050 device on the plane. In-flight use of electronic devices is at the discretion of the airline.

A.17.1 International travel guidelines

Before traveling abroad with the WA 3050, be sure to:

- Check local customs regulations.
- If using an external modem or CompactFlash/PCMCIA card modem, be sure to have the correct modem and

cable for the country you are visiting. Telephone lines differ from one country to another.

A.17.2 Shipping guidelines

When shipping your device, follow these guidelines:

- Safeguard your data by making a backup copy.
- If shipping the backup copy, be sure that the medium (diskette, tape, or CompactFlash card) is not exposed to electrical or magnetic impulses while stored or in transit.
- Turn off your device and disconnect all external devices.
- Pack the WA 3050 and all external devices (such as the cradle, cords, and cables) in their original packing boxes or in similar packaging with sufficient packing material to protect them.

A.18 *Caring for your device*

Clean your WA 3050 device using a soft, slightly damp, non fluffy cloth.

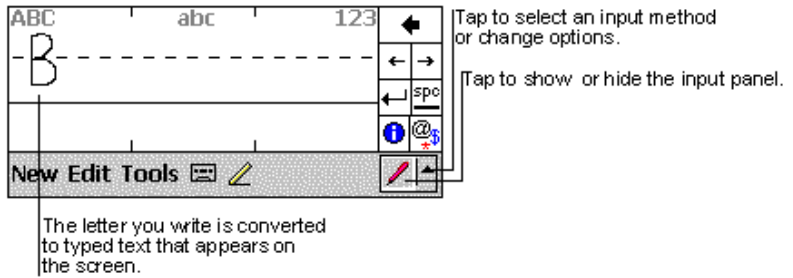
Caution Certain chemical products can damage plastic. Do not use aerosols, certain special cleaning products, corrosive products, solvents, alcohol or detergents to clean your device.

Leave your WA 3050 device in the cradle or carrying case when not using it for an extended period of time.

Appendix B: Character Recognizer

Using Character Recognizer, you can write characters directly on your device screen with your stylus, just as you would on a piece of paper. The characters you write are translated into typed text. Use Character Recognizer anywhere you want to enter text, for example to write a note or to fill in fields in a dialog box.

The Character Recognizer input panel is divided into three writing areas. Letters written in the left area (labeled **ABC**) will create uppercase letters, even if you write them in lowercase, and letters written in the middle area (labeled **abc**) will create lowercase letters, even if you write them in uppercase. The right area (labeled **123**) is for writing numbers, symbols, special characters, and punctuation.



By default, Character Recognizer will recognize letters written in lowercase (Jot-compatible) form. The following is a partial chart of the characters you can write (the dot is the starting point). Remember that even though you write a letter in its lowercase form, the case of the text that is displayed depends on where you write the letter. For example, if you write a lowercase “a” in the **ABC** area, an uppercase “A” is displayed on the screen.

Letter Area


a	<i>a</i>	<i>a</i>	n	<i>n</i>
b	<i>b</i>		o	<i>o</i>
c	<i>c</i>		p	<i>p</i>
d	<i>d</i>		q	<i>q</i>
e	<i>e</i>		r	<i>r</i>
f	<i>f</i>	<i>f</i>	s	<i>s</i>
g	<i>g</i>		t	<i>t</i>
h	<i>h</i>	<i>h</i>	u	<i>u</i>
i	<i>i</i>	<i>i</i>	v	<i>v</i>
j	<i>j</i>	<i>j</i>	w	<i>w</i>
k	<i>K</i>		x	<i>x</i>
l	<i>l</i>		y	<i>y</i>
m	<i>m</i>		z	<i>z</i>

space	<i>—</i>
back space	<i>—</i>

Number/Punctuation Area

0	<i>0</i>)	<i>)</i>
1	<i>1</i>	+	<i>+^a</i>
2	<i>2</i>	*	<i>*^a</i>
3	<i>3</i>	/	<i>/^a</i>
4	<i>4</i>	\	<i>\^a</i>
5	<i>5</i>	?	<i>?_a</i>
6	<i>6</i>	!	<i>!_a</i>
7	<i>7</i>	@	<i>@</i>
8	<i>8</i>	&	<i>&</i>
9	<i>9</i>	,	<i>,</i>
,	<i>,</i>	"	<i>"</i>
.	<i>.</i>	-	<i>-</i>
(<i>(</i>		


enter	<i>↵</i>
back space	<i>—</i>


For a demonstration of each character, tap  on the Character Recognizer input panel and then tap **Demo**.

Tip If you prefer to write in uppercase (Graffiti-compatible) form, choose **Uppercase Mode** in **Options** on the input method menu.

B.1 Tips for writing characters

While in lowercase mode, the dotted midline and the solid baseline on the writing panel are used to help Character Recognizer correctly translate shorter letters and letters with descenders or ascenders:

- Write letters such as “o” and “c” between the midline and baseline.
- Write descenders below the baseline. For example, write the top of a “p” between the midline and baseline, and extend the descender below the baseline.
- Write ascenders above the midline. For example, write the ascender of a “b” above the midline, and write the bottom of a “b” between the midline and baseline.
- In addition to the **123** area, you can use the Symbols keyboard to enter punctuation marks and symbols. Tap  and tap the desired character.

For more information on using Character Recognizer and for demonstrations on writing all characters, tap  on the Character Recognizer input panel.

Appendix C: Transferring Palm-size PC data

If you are currently using a Palm-size PC and want to transfer organiser data to the WA 3050, follow this upgrade procedure:




1. Install Microsoft ActiveSync 3.1 on your PC or notebook computer. For information on installing ActiveSync, see the booklet accompanying the ActiveSync CD.
2. Synchronize your Palm-size PC with your computer so that the information on your computer is current.
Note If you have files on your Palm-size PC that you want to transfer, such as Note Taker notes and recordings, turn file conversion off in ActiveSync options so that the files stay in device format, and use the ActiveSync Explorer to copy the files to your computer. For specific instructions, see ActiveSync Help on the computer.
3. Synchronize the WA 3050 with your computer. This will update your device using the current data on your computer (Step 2).
4. Reinstall programs . Check whether new versions are available that have been optimized for Pocket PC devices.
5. Copy any files you transferred to your computer to the WA 3050 using the ActiveSync Explorer.
6. Turn file conversion on again in ActiveSync.
7. Enter your settings and connection information on the WA 3050.

If you have offline folders in Inbox on your Palm-size PC that contain e-mail messages you want to transfer to your WA 3050 device, follow this procedure:

1. Connect your Palm-size PC to your computer then click **Windows CE Inbox Transfer** on the Microsoft Outlook **Tools** menu.
2. Tap **Copy or move selected messages to your computer** then click the **Browse** button.
3. Select the offline folder that contains the messages you want to transfer to your computer, then click **OK**.
4. Click the **Transfer** button and select the folder you want to transfer the messages to or, click **New Folder** to create a new folder. Click **OK** to transfer the messages. Now you must transfer the messages from your computer to the WA 3050.
5. Tap **Tools** then **New Folder** and create a folder for the messages you are going to transfer in Inbox on the WA 3050
6. Select the messages you want to transfer in Outlook on your computer.
7. Connect your WA 3050 device to your computer then click **Windows CE Inbox Transfer** on the Outlook **Tools** menu.
8. Tap **Copy selected messages to your mobile device** then click the **Browse** button.
9. Select the offline folder on the WA 3050 to which you want to transfer the messages, then click **OK**.
10. Click the **Transfer** button. The selected messages are moved to the WA 3050.

Appendix D: Supported GSM-standard MMI key sequences

GSM standard MMI (man-machine interface) sequences are keypad commands that are required to work on all GSM mobile phones. If you own a GSM phone, you may be accustomed to making, answering, or rejecting calls through the use of these sequences. The following table summarizes the sequences supported by your WA 3050 device.

Key sequence	What it does
0 	<ul style="list-style-type: none">▪ Rejects an incoming call when there is a call on hold and/or one in progress▪ Terminates a call on hold by itself or when there is a call in progress and one on hold
1 	<ul style="list-style-type: none">▪ Releases the active call▪ Releases the active call and answers any incoming call▪ Answers an incoming call when there is a call on hold▪ Answers an incoming call and releases active call▪ Releases an active call and retrieves a call on hold
1 X 	<ul style="list-style-type: none">▪ Releases active call "X". If call is a conference call, X=1 or 2 (call order number).

Key sequence**What it does**

2



- Places the active call on hold
- Places the active call on hold and answers an incoming call
- Answers an incoming call when another call is on hold
- Places the active call on hold and makes a call on hold the active call (swaps the state of each call)
- Retrieves a call on hold

2 X



- Places the active conference call on hold except for party “X”, where X=1 or 2 (order number)
- Places the active conference call on hold except for party “X”, where X=1 or 2, when there is an incoming call

3



- Releases a call on hold. Any incoming call is in call waiting.
- Adds a call on hold to a conference. Any incoming call is in call waiting.

N[N][N]#

- Makes a call from the directory on the SIM card. “N[N][N]” represents the location (index number) of a number stored on the SIM (range 1-255).

Use the Sync SIM utility on the WA 3050 to obtain an index number.

Key sequence	What it does
**04*OLDPIN* NEWPIN* NEWPIN#	<ul style="list-style-type: none"> Changes the PIN when the phone is in an idle state
**042*OLDPIN* NEWPIN* NEWPIN#	<ul style="list-style-type: none"> Changes the PIN2 when the phone is in an idle state
**05*PUK* NEWPIN* NEWPIN#	<ul style="list-style-type: none"> Applies the PIN Unlock Key (idle state only)
**052*PUK2* NEWPIN2* NEWPIN2#	<ul style="list-style-type: none"> Applies the PIN Unlock Key2 (idle state only)

Appendix E: Hardware specifications

E.1 System specifications

Feature	Model
	WA 3050
Processor	206 MHz StrongARM SA1110
Memory	16-32 MB RAM, 16-32 MB flash
Display	60 x 80 mm monochrome LCD 240 x 320 pixels (1/4 VGA)
Backlight	Hardware and software controlled backlight on/off
Audio	Microphone, headset, integrated hands- free speaker, stereo headphone jack, MP3 compatible
Phone	GSM dual band M42 3 + 1 GPRS
Infrared	IrDA, up to 115.2 kbps
Communications	Serial port, optional CompactFlash Type I card accessory, Infrared port, serial cradle, and USB cable (optional)
Notification alarms	Red and amber LEDs, audio prompts, pop-up messages, ringing and vibration
Battery charge light	Flashing/solid amber LED
Main battery	920mAh Lithium/Polymer
Backup battery	CR2016

E.2 Physical specifications

Feature	Model
	WA 3050
Height	16.8 mm
Width	81 mm
Length	136 mm
Weight	180 g
Application buttons	4

Glossary

Action button

The button that carries out a specified action, similar to the ENTER key on a keyboard.

active call

The currently active call of all calls in progress. Call details are displayed in the message area.

ActiveSync

The desktop computer program used to synchronize, transfer, and manage information and files between your mobile device and desktop computer.

backup file

A duplicate copy of program data. This file does not include settings and information stored in ROM, such as factory-installed software. Use your backup file to return your device to its previous state if data is damaged or destroyed, or if you clear memory.

baud rate

The speed at which a modem transmits data.

call barring

A service that prevents you or another individual from using your phone to make or receive different types of calls.

call-barring password

A code required to modify call-barring settings.

call blocking

See *call barring*.

call forwarding

The rerouting of incoming calls to a different phone number by choice, when a line is busy, or when no one answers a call.

call in progress

Any call that has an entry in Call Status.

Call Log

A feature that enables you to view up to 20 of the last incoming, (←), outgoing (→), or missed (☒) calls with options for redialing a number, viewing summary-level Contacts information, or creating a new Contacts entry.

Call Status

A feature that enables you to monitor the status of all calls in progress (up to four at a time) and to perform actions based on the types of calls and available options.

call waiting

A service that informs you of an incoming call during a call in progress.

caller ID

A service that lets you know who's calling by displaying the number of the caller on your phone.

carrier

Your mobile telephone service provider.

clear memory

A process that erases all data stored in RAM.

COM port

See *communications port*.

communications port

A serial communications port used to connect equipment, such as mobile devices, modems, and printers.

CompactFlash card

A type of modem, network, or storage card that you can plug into your device. This card conforms to the CompactFlash specification.

conference call

A call in which three parties participate simultaneously.

connection

The ability to interact with another device, computer, or the Internet by means of a serial, IR, network, or dial-up connection.

cradle

An accessory that connects your WA 3050 device to external power for recharging and to your PC or notebook for synchronization or communication when the WA 3050 is configured for use as a modem. The cradle incorporates a serial cable for compatibility with all versions of the Windows operating system, including Windows NT. A USB cable is available as an optional accessory.

currently active call

A call whose details are visible in the message area. Any call that has an entry in Call Status can become the currently active call.

desktop computer

A computer, running Microsoft Windows 95/98 or Windows NT to which you connect your mobile device to exchange information via synchronization, copying, or moving.

DHCP

Dynamic Host Configuration Protocol.

dialing screen

The screen displayed when you power on your phone. You can press or tap the soft keys on this screen to place a call or select a call function. See *soft dialing pad*.

direct connection

A connection between your device and another computer by means of a serial cable or IR ports.

double call

See *call waiting*.

download

The process of transferring data from a server to your mobile device.

drawing

The action of using the stylus to draw directly in a note or document.

drawing mode

A mode in Pocket Word where you draw using the stylus. In Pocket Word, you select this mode from the View menu. This mode does not exist in Notes.

DTMF

(Dual Tone Multi-Frequency) The sounds you hear when you dial a telephone number.

e-mail

Messages and other items that you send and receive with Inbox.

external power supply adapter

A piece of equipment that provides external (not battery) power to your device.

field

A space in an on-screen form where you can enter a specific item of information.

file conversion

The process of converting Windows-compatible files on your desktop computer to Windows CE-compatible files on your device, and vice versa.

fixed dialing numbers

A list of the only numbers your phone is allowed to call if fixed dialing is activated. A PIN2 is required to activate, deactivate, or edit the contents of the fixed dialing list.


GPRS

(General Packet Radio Service) A high-speed wireless data connection for GSM phones.

GSM

(Global System for Mobile communication) The type of mobile communications system used by your phone.

GSM standard MMI key sequence

A dialing sequence completed by pressing one of the numeric keys on the soft dialing pad one or more times, followed by pressing the  key. These sequences support the GSM standard for making, answering, or rejecting calls.

guest

A temporary connection between a desktop computer and a device for the purpose of viewing, copying, and moving files.

handset

The WA 3050 mobile phone.

handset mode

The mode in which you normally use your phone by holding it to your ear.

hands-free mode

The mode in which you use your phone when the speakerphone has been activated.

handwriting recognition software

An input method that turns the characters you write into typed text.

HTML

(Hyper Text Markup Language) The language in which Web pages are encoded.

IMEI

(International Mobile Equipment Identity) A number that uniquely identifies your phone.

IMAP4

(Internet Mail Access Protocol) An e-mail protocol.

Inbox synchronization

A feature in Windows CE Services that enables you to synchronize mail between your device and desktop computer. Your computer must be on and running Microsoft Exchange 5.5 or Outlook 97 or later.

Inbox Transfer

A feature in Microsoft Outlook and Microsoft Exchange that enables you to transfer specific e-mail messages between your device and desktop computer.

incoming call

A call received by your phone.

index number

The location (position) of a phone number stored on the SIM card.

input method

A method for entering data on your device. Examples of input methods include the soft keyboard, handwriting recognition software, and the soft dialing pad.

Input Method arrow

The arrow, located to the right of the Input Panel button, used to select a different input method.

input panel

The area at the bottom of the device screen that is used to enter data. Data can be entered using any available input method.

Input Panel button

The button, located on the far right of the taskbar, used to display and hide the input panel.

Internet connection

A connection between your device and a server that provides access to the Internet, typically through an Internet service provider.

Internet service provider (ISP)

A company that provides Internet access.

IR (infrared) connection

A connection between your device and another computer or device (such as a printer) by means of the IR port on each device.

IrDA

(Infrared Data Association protocol) A standard for infrared communication between PCs and other devices.

ISP

Internet Service Provider.

item

An entry in a list that, when tapped, opens the associated entry with more details displayed.

LA

(Location Area) A group of cells in a GSM network served by a single Mobile Services Switching Centre (MSC).

LAI

(Local Area Identity) A number that identifies a Location Area (LA) in a GSM network.

LCD

(Liquid Crystal Display) The technology associated with small display screens found in many handheld “smart” devices such as PDAs, calculators, and mobile phones.

LED

(Light emitting diode) An electronics component that emits light of a specific color when a current is passed through it.

main memory

The RAM built into the device hardware.

message area

A window on the dialing screen that makes information about the currently active call visible.

message header

A line of summary information, such as sender and subject, for an e-mail message.

microbrowser

A browser that enables you to access Internet content and services from wireless clients such as mobile “smartphones” and WAP-enabled PDAs.

MMI

Man-machine interface.

modem connection

A connection between your device and a remote computer by means of a modem. You can connect to an ISP, a network, or a modem attached to a PC.

MP3

(MPEG Audio Layer 3) A popular format for audio files.

MS Character Recognizer

The name of the handwriting recognition software installed on your device. Character Recognizer, unlike Transcriber, recognizes print characters only.

MS Transcriber

The name of the handwriting recognition software included on the ActiveSync 3.1 CD. Transcriber recognizes print characters and cursive writing.

multi-conferencing

See *conference call*.

navigation bar

The bar at the top of the screen that contains the **Start** menu, program title, and status information.

network card

A card, inserted into the device, used to connect to a local area network.

network (Ethernet) connection

A connection between your device and a remote computer by means of a local area network.

offline favorite content

A feature of Internet Explorer 5 that downloads Web content on a user-specified schedule and stores it locally so that it can be viewed even when the user is not connected to the Internet. This content can be downloaded to the device during synchronization.

outgoing call

A call made from your phone.

partnership

The settings on your desktop computer and mobile device that allow information to be synchronized, as well as copied or moved between the computer and device. Your mobile device can have partnerships with two desktop computers.

PDA

(Personal Digital Assistant) A small, often handheld, device that provides organiser and mobile computing capabilities. PDAs have LCD screens and some form of pen or keyboard input. Some offer Web browsing and e-mail.

PDA component

Hardware and software features that, collectively, define WA 3050 organiser and pocket computing functions.

personal information manager (PIM)

A program that stores and organizes information such as appointments, contacts, and notes.

phone component

Hardware and software features that, collectively, comprise the WA 3050 phone function.

PIM

See *personal information manger*.

PIN

(Personal Identification Number) A security code you will need, if activated, to access most features of your cellular phone service whenever you turn on your phone.

PIN2

A carrier-supplied security code required to activate fixed dialing, to display call cost information in Call Status or the Call Log, or to set cost limitations.

Pocket PC

The name of a class of devices powered by Microsoft® Windows® CE 3.0.

POP3

(Post Office Protocol) An e-mail protocol supported by most mail servers.

pop-up menu

The context menu that appears when you tap and hold an item or object.

PPP

(Point-to-Point Protocol) The protocol that your device uses to communicate with your Internet service provider's network server.

program buttons

Buttons that switch to specific programs on your device.

PUK

(PIN unlock key) A code that unlocks the use of your SIM card. If you fail to enter a correct PIN or PIN2 after three tries, your SIM card is blocked, and a PUK or PUK2 is required to unlock it.

RAS account

(Remote Access Service) The network account that enables your device to access your corporate network remotely.

Record button

A button that creates a recording when the button is held down.

recording mode

A mode in Pocket Word and Notes where you create recordings. In Pocket Word, you select this mode from the View menu. In Notes, you select this mode by tapping the Record button.

remote connection

A connection between your device and a remote computer by means of a modem or network card.

reset

A process that causes your device to restart.

Reset button

A button that activates a reset when pressed.

restore

To return your device to the state it was in when it was last backed up. This involves copying your backup data to your device.

roaming

The use of telecommunications services outside the area served by your carrier.

serial cable

A cable provided by your manufacturer to connect your device to your desktop computer.

serial connection

A connection between your device and a desktop computer or external modem by means of a serial cable or the cradle accessory.

silent mode

The mode of operation after you turn off your phone's ringer.

SIM or SIM card

(Subscriber Identity Module) A smart card that identifies a mobile phone in the GSM network, provides access to carrier services to which you have subscribed, and contains subscription information and storage space for phone numbers and security codes.

Sync SIM

A utility you can use to: 1) update Contacts with names and phone numbers stored on your SIM card; and 2) copy names and phone numbers from Contacts to the directory of names and numbers on your SIM card.

SMS

(Short Message Service) A service that utilizes the GSM network for the delivery and receipt of short text messages. In effect, SMS is an e-mail system for the mobile digital network.

SMTP

Simple Mail Transport Protocol.

soft dialing pad

The input method on the dialing screen.

soft keyboard

An input method where you tap keys on a soft keyboard.

speakerphone

A feature that lets you make and answer calls in hands-free mode.

Start menu (flag)

The menu in the upper left corner of the navigation bar that lets you switch between programs and settings.

status LEDs

Small lights that flash when an event occurs that requires your attention.

storage card

A card, inserted into the device, used to store device information.

stylus

A pointing device, similar to a pen, used to make selections (tap) and enter information on the touch screen.

synchronization

The process of comparing the information on your mobile device with the corresponding information on your desktop computer and updating either computer with the most recent information.

tap

The action of using the stylus to quickly touch the device screen to perform an activity (such as choosing an action from a menu or opening an item). This action is analogous to clicking with the mouse on a desktop computer.

tap and hold

The action of holding the stylus on the device screen to open a pop-up menu. This action is analogous to right-clicking with the mouse on a desktop computer.

TCP/IP

(Transmission Control Protocol/Internet Protocol) The protocol that your device uses to communicate remotely.

Today screen

A feature that displays current appointments, tasks, and other information on your device.

touch screen

A touch-sensitive screen on your device that can recognize the location of a touch on its surface (typically done by using a stylus) and translate that touch into a desired action (such as opening an item or moving the cursor).

Touch tones

DTMF tones.

typing

The action of entering text on the device, via the input panel, using any input method (including handwriting recognition software).

typing mode

A mode in Pocket Word and Notes where you enter text by using the input panel. In Pocket Word, you select this mode from the View menu. In Notes, you select this mode by opening the input panel.

UCS2

(Universal Character Set 2) An international standard for character coding in which every character is represented as two bytes.

Up/Down control

A control (often a rocker switch) that enables you to scroll through a list and select an item.

USB

(Universal Serial Bus) A standard for connecting specialized devices, such as flat bed scanners, inkjet printers, and game consoles, to desktop systems or to other USB-connected devices. USB is not supported by Windows NT.

VGA

The de facto standard for PC graphics display. Introduced by IBM in 1987, VGA provides a resolution of 720 by 400 pixels in text mode and either 640 by 480 (with 16 colors) or 320 by 200 (with 256 colors) in graphics mode.

vibrating alert

A method used to notify you of an incoming call that uses vibration in addition to or instead of ring tones.

voice mail

A service provided by your carrier for storing and retrieving voice messages left for you.

WAP

(Wireless Application Protocol) A standard used for providing Internet content and services to wireless clients such as cell phones equipped with WAP-enabled microbrowsers.

WML

(Wireless Markup Language) The language in which WAP content is encoded. WML represents a modified version of HTML.

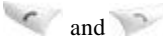

writing

The action of using the stylus to write words directly in a note or document.

writing mode

A mode in Pocket Word and Notes where you enter text by writing using the stylus. In Pocket Word, you select this mode from the View menu. In Notes, you select this mode by tapping the Pen button.

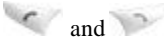

Index

-  and  keys
 - description 33
 - locking 83–84
 - turning the phone ON | OFF 33
- #
 - use in dialing 94, 274
- *
 - use in dialing 275
- +
 - use in dialing 63

A

- accessories 25–26
- Action button 33
- ActiveSync 149–50
 - backing up data 250
 - creating a shortcut 221
 - sending and receiving
 - messages via
 - synchronization 129
 - transferring Palm-size PC data 271
 - troubleshooting 17
- alternates, list of 53
- alternative list (Transcriber) 215
- appointments
 - scheduling 152–54
- Audio button 39
- automatic redial
 - activating 72
- auto-suspend time
 - shortening 255

B

- backlight settings
 - adjusting 226
- backup battery
 - precautions 243
- backups
 - using ActiveSync 250
 - using File Explorer 249
- battery
 - managing power levels 254
- battery level indicator 38
- battery pack
 - precautions 23, 243
- buttons, hardware
 -  and  keys 33
 - Action 33
 - PDA ON | OFF 33
 - program 33
 - Record 33
 - Up/Down control 33
 - Volume 33
- buttons, soft
 - Audio 39
 - Call Log 39
 - Call Status 39
 - Contact 39
 - dialing screen 39
 - Input panel 48
 - Pen 51
 - Record (recording toolbar) 56

C

- cable connections
 - troubleshooting 263

Calendar	151–55	rapid redial	68
program icon	40	selecting a call for rapid redial	69
scheduling appointments	152–54	setting up a conference call	70
scheduling meetings	154–55	viewing last number dialed	68
call barring		calling features, basic	61–67
activating	88–89	answering a call	64
call cost		ending a call	67
showing	230	hands-free mode	66
call forwarding		making a call	62
activating	74–75	making an emergency call	63
call length		making an international call	63
showing	229	muting the microphone	66
Call Log	79–82	placing a call on hold	64
accessing	39, 81	rejecting a call	64
button	39	silent mode (no ring)	66
deleting information		speaker volume, adjusting	65
from	82	turning the phone ON OFF	62
deleting when the phone is turned off	230	call-related features	71–75
overview	79–80	accessing voice mail	72
reviewing calls	81	automatic redial	72
Call Status	76–78	blocking outgoing caller ID	73
accessing	39, 77	call forwarding	74–75
button	39	call waiting	74
monitoring calls in progress	77	reviewing caller ID settings	73
overview	76–77	calls	
switching to another call	78	answering options	228
viewing Contacts data	77	Character Recognizer	267–70
call waiting		tips for using	53–54
activating	74	tips for writing characters	270
caller ID		clock settings	
blocking outgoing	73	adjusting	227
reviewing settings	73		
calling features, advanced	68–70, 274		
dialing a number stored on the SIM	274		
making a call from Contacts	69		

- command bar 43
- CompactFlash
 - memory card 244, 249
 - modem 264
- companion programs 164–76
 - Media Player 185–86
 - Microsoft Money 174–84
 - overview 164
 - Pocket Excel 171–73
 - Pocket Word 165–70
 - Reader 187–88
- connections
 - connecting to an ISP 120–21
 - connecting to your network 121–24
 - creating an Ethernet connection to a network 123–24
 - e-mail server 125–28
 - ending 125
 - getting help 128
 - overview 119
 - troubleshooting
 - ActiveSync 17
 - troubleshooting cable problems 263
 - troubleshooting external modem problems 260–62
 - troubleshooting infrared problems 259
 - troubleshooting network problems 262–63
- Contact button (dialing screen) 39
- Contacts 155–58
 - copying numbers to a SIM card 97
 - creating entries 156–57
 - making a call from program icon 40
 - saving a SIM entry to 94–95
 - saving all SIM entries to 95
- contrast, display. *See* display contrast
- conventions
 - PC keyboard keys 16
 - terminology 16
 - typographical 16
- cost limitations (phone)
 - activating 92
- Cursive Recognizer 192
- customisation, WA 3050 219–41
 - adding | removing programs 236–38
 - adjusting the size of soft keyboard keys 224
 - aligning the touch screen 225
 - assigning programs to buttons 223
 - backlight settings 226
 - call answering options 228
 - call cost, showing 230
 - call length, showing 229
 - Call Log, deleting 230
 - clock settings 227
 - configuring your device for use as a modem 239–41
 - device name, specifying 225
 - display contrast 227
 - GSM network preferences 235
 - input speed and accuracy 224
 - new button menu 222
 - Pocket PC security features 222–23

- power settings 226
- radio speed (GSM network) 235
- regional settings 227
- ring tone and vibrating alert 232–33
- roaming order 236
- screens and menus 220–22
- showing available networks 235
- specifying personal numbers 234
- Start menu 220
- system sounds and reminders 224
- Today screen 220
- turning off the display during a call 231
- turn-on buttons 226
- voice mail number, specifying 234
- volume, adjusting 224

D

- data
 - backing up | restoring 249–51
 - backing up using ActiveSync 250
 - transferring from a Palm-size PC 271–72
- data call in progress status icon 38
- data communication. *See* wireless data applications
- device name specifying 225
- dialing screen
 - Audio button 39
 - buttons 39

- Call Log button 39
- Call Status button 39
- Contact button 39
- illustration 37
- message area 38
- overview 37–39
- soft dialing pad 39
- status icons 38
- turning off during a call 231
- display
 - turning off during a call 231
- display contrast adjusting 227
- drag
 - defined 34
- drawing. *See* input methods, drawing
- drawings selecting 55
- DTMF tones muting 93

E

- e-mail server connecting to 125–28
- e-mail. *See* Inbox
- emergency calls making 63
- Ethernet
 - creating a network connection 123–24
- EzWAP. *See* WAP browser

F

- fax
 - annotating 117
 - configuring settings 104
 - deleting 248

- managing 247–48
- previewing 115
- program icon 41
- receiving 116
- resending 118
- sending 113–16
- viewing 117
- fax call in progress
 - status icon 38
- fax notification
 - selecting a recording 103
- File Explorer 57
 - accessing 58
 - using to "back up" files 249
 - using to move a program 221
- files
 - backing up using
 - ActiveSync 250
 - making backup copies
 - using File Explorer 249
- files and information
 - organising 57–58
- Find utility 57
- fixed dialing
 - activating 90–91
- folders, e-mail
 - managing 135–36
- Forget your password?
 - what you can do 257

G

- GSM network preferences
 - selecting 235
- GSM-standard MMI key
 - sequences 273–75

H

- hands-free mode

- activating 66
- status icon 38
- handwriting recognition
 - See also* Transcriber
 - control gestures 211–14
 - modes 209
 - personalising 204–6
- hardware buttons 33
- hardware buttons. *See also*
 - buttons, hardware
- help
 - accessing 18
 - navigating 18
 - viewing all help files 18

I

- icons, program. *See*
 - program icons
- icons, status. *See* status
 - icons
- Inbox 129–36
 - composing & sending a
 - message 133–35
 - managing messages &
 - folders 135–36
 - moving attachments 246
 - program icon 40
 - receiving messages 131–33
 - sending and receiving
 - messages remotely 130
 - sending and receiving
 - messages via
 - synchronization 129
 - index number 94, 274
- infrared technology
 - connection problems 259
 - sending and receiving
 - data 144
- input methods 47–57
 - audio recording 56–57

- Character Recognizer
 - 267–70
- creating a drawing 54
- Cursive Recognizer 192
- dialing a number 62
- drawing 54–55
- Transcriber 189–216
- typing using the input
 - panel 48
- typing with the soft
 - keyboard 49
 - writing on the screen 50
- input panel 48
- input speed and accuracy
 - adjusting 224
- international calls
 - making 63
- international travel
 - guidelines 264
- ISP
 - connecting to 120–21

L

- Letter Shape Selector 210

M

- Media Player 185–86
 - playlist manager 185
 - program icon 41
- meetings
 - scheduling 154–55
- memory
 - adjusting 244–47
 - clearing 254
- memory management
 - adjusting storage and
 - program memory 244–47
 - mobile favorites 139
- message area 38

- messages, e-mail. *See*
 - Inbox
- messages, SMS. *See* SMS
- microphone
 - muting 66
- Microsoft Media Player for
 - Pocket PC. *See* Media Player
- Microsoft Money
 - overview 174
- Microsoft Money 174–84
 - accessing 174
 - accounts 176–77
 - categories 178
 - configuring 183–84
 - creating & updating
 - investments 179–81
 - navigating 175–76
 - opening a new file 174
 - payees 178
 - proxy server 183
 - synchronising 181–82
 - transactions 178
 - views 175
- Microsoft Reader. *See*
 - Reader
- mobile channels
 - viewing 142
- mobile channels 140
- mobile favorites
 - creating 138–39
 - minimising memory 139
 - viewing 142
- Mobile Favorites folder 137
- modem, external
 - troubleshooting
 - connection problems 260–62
- modes of operation 31

N

- navigation bar 42





network
 connecting to 121–24
 network connection
 troubleshooting 262–63
 network speed (GSM)
 specifying 235
 network, Ethernet
 creating a connection
 123–24
 networks, wireless
 showing available 235
 new button menu 222
 Notes 161–63
 creating 162–63
 program icon 40
 notification
 methods 46
 notification light
 turning off 256
 notification, fax
 selecting a recording 103
 notification, phone. *See*
 ring tone
 notification, SMS
 selecting a recording 103

O

online help. *See* help
 operation
 modes of 31
 owner information
 specifying 222

P

password
 if you forget it 257
 PDA component
 definition 16
 PDA ON | OFF button 33
 Pen button 51
 phone

 and  keys 33
 call barring 88–89
 cost limitations,
 activating 92
 dialing screen 37–39
 fixed dialing 90–91
 hands-free mode 66
 locking the  and
 keys 83–84
 muting DTMF tones 93
 muting the microphone
 66
 PIN code activation 84–
 85
 PIN, changing 86
 PIN2, changing 87
 rapid redial 68
 security features 83–93
 silent mode, activating 66
 speaker volume,
 adjusting 65
 turning ON | OFF 62
 Phone
 program icon 40
 phone component
 definition 16
 PIN code
 activating 84
 changing 86, 275
 PIN2 code
 changing 87, 275
 playlist manager 185
 Pocket Excel 171–73
 program icon 40
 tips 172
 Pocket Internet Explorer
 137–44
 browsing the Web 143
 deleting files and
 clearing history 246
 favorite links 137
 mobile channels 140

- mobile favorites 138–39
- Mobile Favorites folder
 - 137
- program icon 40
- viewing mobile favorites and channels 142
- Pocket Outlook 151–63
 - Calendar 151–55
 - Contacts 155–58
 - Inbox 129–36
 - Notes 161–63
 - overview 151
 - Tasks 158–61
- Pocket PC security
 - customising 222–23
 - setting a password 223
 - specifying owner information 222
- Pocket Word 165–70
 - drawing mode 169
 - overview 165–67
 - program icon 41
 - recording mode 170
 - typing mode 167–68
 - writing mode 168–69
- pop-up menus 44
 - accessing 44
- power
 - checking levels 243
 - managing 242–43, 254
- power management 255
- power settings
 - adjusting 226
- power-on button settings
 - adjusting 226
- program icons
 - description 40
- program memory
 - adjusting 244–47
- programs
 - adding | removing 236–38
 - assigning to buttons 223



- list of installed programs
 - 40
 - stopping | activating 248
 - switching among 41
- PUK (PIN Unlock Key)
 - 252, 275
 - when required 84, 86, 87, 89, 91, 92
- PUK2 275

R

- radio speed (GSM network)
 - specifying 235
- rapid redial 68
- Reader 187–88
 - downloading books 187
 - guidebook 187
 - program icon 41
 - using the library 188
- readme.txt
 - displaying 257
- Record button (hardware) 33
- Record button (recording toolbar) 56
- recording toolbar 56
- redial, automatic
 - activating 72
- regional settings
 - specifying 227
- regulatory notice 24
- resource management
 - adjusting storage and program memory 244–47
 - backing up | restoring data 249–51
 - checking the software version 256
 - if you forget your password 257
 - managing power 242–43

- managing SMS & fax 247–48
- monitoring phone usage 251–52
- shortening auto-suspend time 255
- stopping | activating a running program 248
- turning off sounds 256
- turning off the notification light 256
- ring tone
 - adjusting 232–33
 - downloading your own 232
- ring tones
 - SMS & fax 103
- RLP error correction 240
- roaming order
 - customising 236

S

- safety information 22–24
- screen contrast
 - adjusting 227
- security features, PDA. *See* Pocket PC security
- security, phone 83–93
 - call barring 88–89
 - cost limitations 92
 - fixed dialing 90–91
 - locking the  and keys  83–84
 - muting DTMF tones 93
 - overview 83
 - PIN, activating 84–85
 - PIN, changing 86
 - PIN2, changing 87
- security, Pocket PC
 - customising 222–23
 - setting a password 223

- specifying owner information 222
- serial cable 25
- setup procedures 20
- shipping guidelines 265
- signal strength and roaming status icon 38
- silent mode (no ring)
 - activating 66
 - status icon 38
- SIM (card)
 - about 21
 - adding an entry 95–96
 - copying numbers from
 - Contacts to 97
 - deleting an entry 96
 - dialing a number stored on the SIM 274
 - index number 94
 - modifying an entry 96
 - saving all entries to
 - Contacts 95
 - saving an entry to
 - Contacts 94–95
- SMS
 - configuring 102–3
 - deleting 248
 - managing 247–48
 - modifying recipient information 108
 - program icon 41
 - reading 108–9
 - recipients, specifying
 - additional 108
 - replying to 108–9
 - sending 106–8
 - service centre, selecting 103
 - UCS2 format 107, 109
- SMS notification
 - selecting a recording 103
- SMS service centre
 - selecting 103

soft dialing pad 39
 software
 checking the version 256
 Solitaire
 program icon 41
 sounds
 turning off 256
 sounds and reminders,
 system
 adjusting 224
 speaker
 adjusting volume 65
 status icons
 battery level 38
 data call 38
 dialing screen 38
 fax call 38
 hands-free mode 38
 signal strength and
 roaming 38
 silent mode 38
 Today screen 36
 voice call 38
 voice mail 38
 storage memory
 adjusting 244–47
 stylus
 how to use 34
 writing on the screen 50
 Sync SIM. *See* SIM (card)

T

tap
 defined 34
 tap-and-hold
 defined 34
 Tasks 158–61
 creating 159–60
 program icon 41
 To Do list. *See* Tasks
 Today screen 35–36
 customising 220

illustration 35
 status icons 36
 touch screen
 aligning 225
 Transcriber 189–216
 activating 191–93
 adjusting settings 201–3
 alternative list 215
 control gestures 211–14
 customising 201–6
 dictionary 216
 editing tools 206–14
 features 190
 handwriting recognition,
 personalising 204
 iconbar functions 207–11
 keyboard 209
 Letter Shape Selector
 210–11
 overview 189
 program icon 41
 recognition mode 209
 selecting text 214
 tutorials 193–200
 writing orientation 208
 travel guidelines 264
 turn-on button settings
 adjusting 226

U

UCS2 107, 109
 Up/Down control button 33
 usage guidelines 27–29
 user assistance. *See* help

V

vibrating alert
 adjusting 232–33
 voice call in progress
 status icon 38
 voice mail

- accessing 39, 72
- specifying a voice mail
 - number 234
 - status icon 38
- Volume button 33
- volume, phone speaker
 - adjusting 65
- volume, system
 - adjusting 224

W

- WA 3050
 - accessing help 18
 - adjusting storage and program memory 244–47
 - backing up | restoring data 249–51
 - checking the software version 256
 - clearing memory 254
 - components 19
 - configuring for use as a PC modem 239–41
 - customisation. *See* WA 3050, customisation
 - entering information 47–57
 - GSM-standard MMI key sequences 273–75
 - hardware buttons 33
 - hardware specifications 277–78
 - input methods 47–57
 - international travel
 - guidelines 264
 - managing power 242–43, 254–56
 - managing SMS & fax 247–48
 - modes of operation 31

- monitoring phone usage 251–52
- notification methods 46
- power management 255
- programs 40
- resetting your device 253
- setup procedures 20
- shipping guidelines 265
- stopping | activating a
 - running program 248
- transferring data from a
 - Palm-size PC 271–72
- travel guidelines 264
- troubleshooting 253–65
- WA 3050 customisation. *See* customisation, WA 3050
- WAP browser 110–12
 - activating 110
 - configuring 105–6
 - deleting history and temporary files 246
 - program icon 40
 - viewing a WAP site 112
- Web
 - browsing 143
- WinPhone *See* SMS or fax
- wireless data applications
 - 101–45
 - configuring fax 104
 - configuring SMS 102–4
 - configuring WAP 105–6
 - connecting to a network 121–24
 - connecting to an e-mail server 125–28
 - connecting to an ISP 120–21
 - ending a connection 125
 - fax 113–18
 - Inbox 129–36
 - infrared transfer capability 144

Pocket Internet Explorer	137–44	writing mode	
prerequisites for using	101	converting writing to text	52–54
SMS	106–9	displaying a list of	
WAP	110–12	alternates	53
WML	111	working in	51–52
World Wide Web. <i>See</i>		writing orientation	
Web		controlling	208