

Welcome

Congratulations on the purchase of a new Windows MobileTM-based Pocket PC Phone. The integrated wireless voice and data capabilities mean that as well as keeping your important PIM information up-to-date and close at hand, you can make calls, send and receive e-mail, and look up valuable information from the Internet or your company's network anytime, anywhere. Also, with Microsoft® ActiveSync® the power of your device is increased by allowing you to synchronize the information on your PC with your device.

Before getting started to use and explore your new device, some warning notes here are very important for you to get through.

Warnings! Please Read Before Operating your Device



THE DEVICE IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX. (For information, see *Chapter 1 : Getting Started*)



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



WHEN INSERT A SIM CARD, MAKE SURE THE DEVICE IS TURNED OFF THEN CLICK IT INTO PLACE. (For more information, see Chapter 3: Using Your Phone)



IN MANY COUNTRIES YOU ARE REQUIRED BY LAW TO TURN OFF YOUR PHONE WHEN YOU FLY. TURNING OFF YOUR POCKET PC DOESN'T TURN OFF YOUR PHONE; YOU MUST TURN OFF YOUR WIRELESS CONNECTION TO YOUR OPERATOR'S NETWORK.



YOUR WARRANTY IS INVALIDATED IF YOU OPEN OR TAMPER WITH THE DEVICE'S OUTER CASING. (For more information, see the *enclosed warranty information*)

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Chapter 1

Getting Started

1.1 Knowing your device 1.2 Battery 1.3 Accessories

1.1 Knowing Your Device



Front, Top and Left Side Panel Components





Back, Bottom and Right Side Panel Components



1.2 Battery



Warning: To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, heat above 100 (212), or dispose of in fire or water. Replace only with manufacturer specified batteries. Recycle or dispose of used batteries to the local regulations.





Your Pocket PC Phone contains a rechargeable Li-ion polymer battery under the back cover. Battery power depends on whether you are talking on the phone, using the PDA functions or if the device is on standby.

Battery life estimates :

- Talk-time: 2 ~ 4 hrs,PDA: 13 hrs (approx.),
- Standby : 150 ~ 170 hrs (approx.),
- Data retention time : 72 hrs.

The above times are based on using one function at a time, interchanging between functions will vary the battery life.

Data Retention

It is vital to keep your battery charged. Because your Pocket PC does not have a hard drive, all data and any new programs you install are stored in RAM. If the battery completely drains any data or new programs you installed will be erased. Only the default programs on the device when you bought it will remain.

To prevent this kind of data loss, a portion of the main battery will keep your data safe for 72 hours if your device runs out of power. An additional battery, the backup battery, is designed to keep your data safe when you remove the main battery. It will keep this data safe for 20 minutes.



WARNING: BE SURE TO CHECK THE BACKUP BATTERY POWER REMAINS AT LEAST AT 50% OR ABOVE BEFORE YOU REMOVE THE MAIN BATTERY BY TAPPING → Settings → System tab → Power



To recharge your device

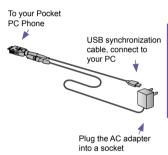
You can recharge your device in the following ways:



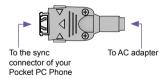
Place your Pocket PC Phone in the cradle and connect it to an external power source with the AC Adapter. Before using your Pocket PC, charge the battery for at least 8 hours for the first time. Then, place it in the cradle for a short time each day to recharge it to its full capacity.



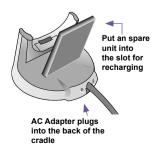
Plug the AC adapter into the optional USB/Serial cable head and then connect your Pocket PC Phone directly to an external power source.



Plug the AC adapter into the optional AC Adapter Converter and then connect to sync connector of your Pocket PC Phone directly to an external power source without using the cradle.



If you have spare battery for your Pocket PC Phone, you can also put the battery into the slot in the cradle for recharging.



When Your Battery is Low

When the low battery-warning message appears, immediately save any data you are working on, perform a synchronization with your PC, then turn off your Pocket PC. If your device does shut down, the backup portion of your main battery will protect data for about 72 hours.

To view the battery status:



Tap $\mathbb{Z} \to \mathbf{Settings} \to \mathbf{System} \ \mathsf{tab} \to \mathbf{Power}.$



ALWAYS TO KEEP THE POWER STATUS OF THE BACKUP BATTERY REMAINS AT LEAST AT 50% OR ABOVE.



1.3 Accessories

USB/Serial Cradle

Your Pocket PC Phone comes with a USB cradle. This allows you to recharge your Pocket PC Phone with the AC Adapter, as well as synchronize information between your Pocket PC and a PC using ActiveSync.



GPRS will not work when your device is plugged into the cradle.



To synchronize the **USB Cradle** must be plugged into an available **USB** port on your PC.



For battery recharging, you must plug the AC Adapter into the back of cradle.



An optional cradle with Audio output is available, please contact your operator/dealer for the purchase.





AC Adapter plugs into the back of the cradle for battery recharging

AC Adapter Converter

AC adaptor converter in combination with the AC adapter allows you to recharge your device without the cradle.



USB/Serial Sync cable

The USB / Serial cable allows you to synchronize with your desktop without the cradle. The DC converter in the head also allows you, in combination with an AC adapter, to recharge your device.



Stereo headset

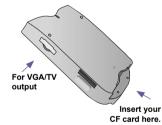
The stereo wired headset has a volume control jog dial and buttons to pick up and hang up incoming and outgoing calls.



Backpack (Optional)

This optional backpack is an expansion pack for CF cards type I and II and VGA/TV output. The CF expansion card is a most popular interface card currently on the market. It can support a VGA/CRT output for a Microsoft Powerpoint presentation or Mirror image from the LCD display of your device.

For CF and VGA/TV applications, the Backpack has a builtin extended battery. This extended battery will recharge the main battery when attached.





A Backpack tab will be available by tapping
→ Settings → System tab → Power once you
have attached an optional backpack unit on your
device.

Resolution supports

For LCD display : XGA 1024x768, VGA 800x600 and

640x480.

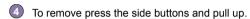
For TV output: 640x480 NTSC and PAL system.



To attach the backpack:



- Remove the back cover.
- First slot the hooks at the top of the pack into the device, similar to with the back cover.
- 3 Hold in the grey buttons on the side of the pack and gently push down so that the connector clicks into place.





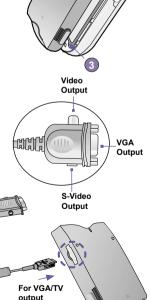
VGA/TV Adapter

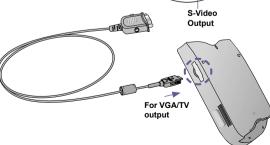
The VGA/TV adapter allows you to play video and presentations through your computer (VGA socket), or TV (Video and S-Video).

To attach the cable:



- Attach the VGA/TV head to your device (backpack).
- For VGA attach the VGA/TV adapter directly into your computer or projector. For TV plug an S-Video or Video Output cable into the relevant socket then into the back of your TV.





Chapter 2

Knowing Your Pocket PC

- 2.1 Starting Up
- 2.2 Entering Information
- 2.3 Writing on the Screen
- 2.4 Drawing on the Screen
 - 2.5 Recording a Message
- 2.6 Finding and Organizing Information

2.1 Starting Up

Screen tapping, Calibration and Re-calibration

When you first start up your Pocket PC Phone, you will be asked to calibrate the screen by tapping the center of a cross with your stylus as it moves around the screen. This process ensures that when you tap the screen with your stylus the item tapped is activated.

If your device does not accurately respond to screen taps, you will need to re-calibrate it.

align screen Table treet first and accurate street location the cown. The taget all contract to more until the screen a street.

To re-calibrate the screen:



- 1 Tap M → Settings → System → Screen.
- As described above, tap the center of the cross to with your stylus as it moves around the screen.

Today Screen

The **Today** screen displays important information, such as today's appointments and status icons for your device. Tap the information listed on the **Today** screen to open the associated program.

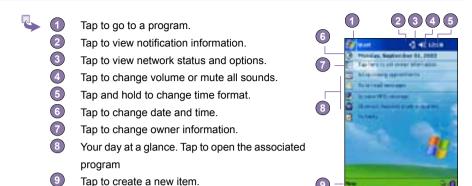


Access the Today screen by tapping \longrightarrow Today.

To customize the Today screen display, including the background image, tap Today at the top of the Today screen or tap \longrightarrow Settings \rightarrow Personal tab \rightarrow Today.







Tap to disconnect from ActiveSync 🖣 or

Indicators

Following are some of the status icons you may see.

Bluetooth 1.

Indicators	Meaning	
-4 €	Turns all sounds on and off.	
Œ	Main battery low.	
</th <th>Main battery very low.</th>	Main battery very low.	
+71	Connection is active.	
⊖	Synchronization is beginning or ending.	
*গা	Synchronization is occurring.	
:	Notification that one or more instant messages were received.	
2-4	Notification that one or more mobile e-mail / SMS messages were received.	
% i	Indicates the connection to your mobile phone service provider is on and the strength of the signal.	
Y _x	Indicates your phone is switched off.	
₽	If more notification icons need to be displayed and there is no room to display them, this indicator will display. Tap the icon to view all notification icons.	

Programs

- You can switch from one program to another by selecting it from the menu. To access some programs, tap programs, and then the program name.
- The following table contains a partial list of programs that are on your device. Look on the *Pocket PC Companion CD* for additional programs that you can install onto your device.



	Icon	Program	Description
	0	ActiveSync	Synchronizes information between your device and PC.
	42	Calendar	Keeps track of your appointments and creates meeting requests.
		Contacts	Keeps track of your friends and colleagues.
		Inbox	Sends and receives e-mail/ SMS messages.
	@	Pocket IE	Pocket Internet Explorer browses Web and WAP sites, and downloads new programs and files from the Internet.
		Notes	Creates handwritten or typed notes, drawings, and recordings.
		Phone	Makes and receives calls, switches between calls and sets up conference calling.
	~	Tasks	Keeps track of your tasks.
_	0	Windows Media Player	Enables the multimedia function on your Pocket PC Phone.
	×	Pocket Excel	Creates new workbooks or view and edit Excel workbooks.
	W	Pocket Word	Creates new documents or view and edit MS-Word documents.
	43	MSN Messenger	Sends and receives instant messages with your MSN Messenger contacts.
	r	Microsoft Reader	Collects and reads e-Books on your device.

You can also switch to some programs by pressing a program button. Your device has one or more program buttons located on the front or side of the device. The icons on the buttons identify the programs they turn on. For more information about the Button settings, please see Chapter 5.





Icon	Program	Description
	Camera	Snaps photos or shoots video clips with accompanying audio.
*	Album	Collects, organizes and sorts .JPG/.BMP/.GIF picture files on your Pocket PC phone from Camera or ActiveSync.
	Photo Contacts	Input the image files according to your Contacts list and set up the Caller-ID function
	MMS	Send and receive MMS messages.
	Calculator	Performs basic arithmetic, such as addition, subtraction, multiplication, and division.
	Games	Two games, Jawbreaker and Solitaire are included in this folder by default.
8	Wireless Modem	Enable your device as an external modem for a PC or Notebook by using a serial/USB port, or infrared.
	SIM Manager	Collects, organizes and sorts the Contacts list stored in your SIM card.
	xBackup	Back up your Pocket PC Phone files to ROM or an SD card
0	Pictures	Collects, organizes and sorts .jpg picture files on your Pocket PC phone or on a storage card.

Navigation Bar and Command Bar

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



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





Pop-Up Menus

Use pop-up menus to guickly perform an action on an item. For example, you can use a pop-up menu to delete or make a copy of an item. To access a pop-up menu, tap and hold the item that you want to perform the action on. When the menu appears, tap the action you want to perform, or tap anywhere outside the menu to close it without performing an action.



- Tap and hold to display the pop-up menu.
- Lift the stylus and tap the action you want.
- Tap outside the menu to close it without performing an action.



Notifications

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

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



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

2.2 Entering Information

You can enter information on your device in several ways, depending on the type of device you have and the program you are using.

- Synchronizing Using ActiveSync, exchange information between your PC and device.
- Typing Using the input panel, enter typed text into the device. You can do this by tapping keys on the soft keyboard or by using the handwriting recognition software.
- Writing Using the stylus, write directly on the screen.
- Drawing Using the stylus, draw directly on the screen.
- Recording Create a stand-alone recording or embed a recording into a document or note.

For more information on ActiveSync, see Chapter 4.





Using the Input Panel

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

To show or hide the input panel, tap the Input Panel button

To see your choices tap the arrow next to the Input Panel button.

Tap to select an input panel. Tap to open the selected input panels.

Tap to change input panel

options.

a. To type with the soft keyboard



- 1 Tap the arrow next to the Input Panel button and then Keyboard.
- 2 To type lowercase letters, tap the keys with the stylus.
- To type a single uppercase letter or symbol, tap the Shift key. To tap multiple uppercase letters or symbols, tap the CAP key.
- 4 For uppercase, tap and hold the stylus on the key and drag up.
- To add a space, tap and hold any key and then drag the stylus to the right across at least two others.
- To backspace one character, tap and hold any key and then drag the stylus to the left across at least two others.
- To insert a carriage return, tap and hold the stylus anywhere on the keyboard and drag down.

When you use the input panel, your device anticipates the word you are typing or writing and displays it above the input panel. When you tap the displayed word, it is automatically inserted into your text at the insertion point. The more you use your device, the more words it learns to anticipate.



If you want to use larger keys, tap the arrow next to the Input Panel button \rightarrow then tap Options \rightarrow select Keyboard in Input method and \rightarrow then select Large Keys.





Tap here if this is the right word.

b. Using Letter Recognizer

With Letter Recognizer you can write letters using the stylus just as you would on paper.



- Tap the arrow next to the Input Panel button and then Letter Recognizer.
- Write a letter in the box.

When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using Letter Recognizer, with Letter Recognizer open, tap the question mark react to the writing area.





c. Using Block Recognizer

With Block Recognizer you can input character strokes using the stylus that are similar to those used on other devices.



- Tap the arrow next to the Input Panel button and then Block Recognizer.
- Write a letter in the box.

When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using Block Recognizer, with Block Recognizer open, tap the question mark recognizer open.





d. Switching to Transcriber

With Transcriber you can write anywhere on the screen using the stylus just as you would on paper. Unlike Letter Recognizer and Block Recognizer, you can write a sentence or more of information. Then, pause and let Transcriber change the written characters to typed characters.



- Tap the arrow next to the Input Panel button and then Transcriber.
- Write anywhere on the screen.

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





e. To punctuate in Transcriber:



- 1 Tap the keyboard button an on the toolbar.
- 2 Tap the desired punctuation.
- 3 Tap OK to hide the keyboard.



f. To learn about writing in Transcriber:



- 1 Tap button on the toolbar.
- In the screen that appears, select the letter you want to learn about, and then tap on one of the examples given above.

For specific instructions on using Transcriber, with Transcriber open, tap the question mark in the right hand corner of the tool bar.

Click on a letter for a demonstration



g. To select typed text:

If you want to edit or format typed text, you must select it first



Drag the stylus across the text you want to select. You can cut, copy, and paste text by tapping and holding the selected words and then tapping an editing command on the pop up menu, or by tapping the command on the Edit menu





To change word suggestion options, such as the number of words suggested at one time, Tap \longrightarrow Setting \rightarrow Personal tab \rightarrow Input \rightarrow Word Completion tab



h. Editing text

Each input program provides curser keys to move through text and backspace so that you can correct spelling, grammar or insert additional information. Alternatively, you can use your stylus to make an insert.

After you have made an insert, you can use any of the input methods described above to add additional text at the insertion point.



2.3 Writing on the Screen

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

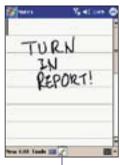
To write on the screen:



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



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.



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

To select writing:

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



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



Without lifting, drag the stylus across the text vou 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 and then drag the stylus across the screen.

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



Tap the Pen button again to select the writing you want

Converting writing to text





Tap Tools and then Recognize.



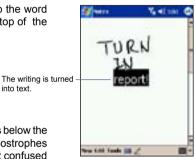
If you want to convert only certain words, select them before tapping Recognize on the Tools menu (or tap and hold the selected words and then tap Recognize on the pop up menu). If a word is not recognized, it will be left as writing.

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



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.





To get good recognition:



- Write neatly.
- Write on the lines and draw descanters 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 bottom line

into text.

- 3 For better recognition, use the Tools menu to increase the zoom to 300%.
- 4) Write the letters of a word closely and leave big gaps between words so that the device can easily tell where words begin and end.
- Hyphenated words, foreign words that use special characters such as accents, and some punctuation cannot be converted.

If you edit or add to a word after attempting to recognize it, the new writing will not be included if you attempt to recognized it again.



Tap the word you want to use or, tap to return to your original writing.

2.4 Drawing on the Screen

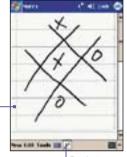
You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be re-sized, while writing cannot.

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.

The drawing box indicates the boundaries of the drawing.



Pen button

To select a drawing:

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



- - Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, deselect the pen button and then dray to select the drawings you want.
- You can cut, copy, and paste selected drawings by tapping and holding the selected drawing and then tapping an editing command on the pop up menu, or by tapping the command on the Edit menu. To re-size a drawing, make sure the Pen button is not selected, and drag a selection handle



To change the zoom level so it is easier to work or view your drawing, tap **Tools** and then select a zoom level.



2.5 Recording a Message

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

To create a recording



- Hold your device's microphone near your mouth or other source of sound.
- 3 To start recording, tap . A beep will sound.
- To stop recording, tap . Two beeps will sound. The new recording appears in the note list or as an embedded icon.



You can also make a recording by pressing the **Record** button - the first button from the top on the left side of your device.

Indicates an embedded recording.



Tap to begin recording

2.6 Finding and Organizing Information

The Find feature on your device helps you quickly locate information.



- On the $M \rightarrow \text{tap Find}$.
- 2 In Find, enter the file name, word, or other information you want to search for. If you have looked for this item before, tap the Find arrow and select the item from the list.
- 3 To help narrow your search select a data type under Type.
- 4 Tap Go. The My Documents folder and subfolders are searched
- In the Results list, tap the item you want to open.







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



Chapter 3

Using Your Phone

3.1 About Your Phone 3.2 Making a Call 3.3 Receiving a Call

3.4 In-call Options

3.5 Contacts Information
3.6 Photo Contacts

3.7 Additional Dialing Information
3.8 Secure Your Phone

3.1 About Your Phone

Like a standard mobile phone you can use your Pocket PC to keep track of calls and send SMS messages. You can also take notes while talking, dial directly from Microsoft Contacts and easily transfer contacts between your SIM card and the RAM of your device.

About SIM cards

The Subscriber Identification Module (SIM) card, also referred to as a smart card, fits into your device. It can contain:

- Mobile phone service provider account details.
- Information regarding service access and preferences.
- Contact information, which can be moved to Contacts on your device.
- Any additional services to which you may have a subscription.

For more information regarding SIM cards, see your mobile phone service provider's documentation.

To install a SIM cards:



Turn over your device and press the fixing lock button to remove the back cover





REMOVING THE BATTERY WILL TURN OFF YOUR DEVICE, MAKE SURE YOU HAVE SAVED ANY DATA IN OPENED PROGRAMS.

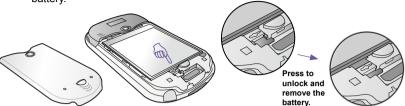


BE SURE TO CHECK THE BACKUP BATTERY POWER REMAINS AT LEAST AT 50% OR ABOVE BEFORE YOU REMOVE THE MAIN BATTERY BY TAPPING \longrightarrow Settings \rightarrow System tab \rightarrow Power.

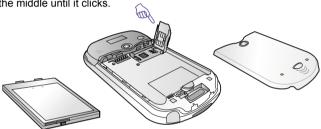




To unlock and remove the battery, press the stylus into the slot under the bottom end of the battery.



3 Lift up the SIM card case and insert the SIM. Push the SIM holder down, then push towards the middle until it clicks



Replace the battery and back cover. Remember to push back the red lock point to clip it into place at the bottom. Push it forward and pull back to secure the SIM.



Press to lock and fix the battery.



IF YOU REMOVE THE MAIN BATTERY, THE BACKUP BATTERY CAN ONLY KEEP YOUR DATA SAFE FOR 20 MINUTES WHEN IT IS 100% CHARGED, BE SURE TO REPLACE THE MAIN BATTERY BACK INTO PLACE RIGHT AFTER THE SIM CARD IS INSERTED.

About The Dialer Screen

To access the Dialer Screen, tap , then Phone, or press on your device. From this screen, you can access Call Log, Speed Dial and Phone Setting. Signal status information and important icons that tell you about your call include:



- The icon indicates the strength of the signal.
- 2 Last number details are displayed here.
- 3 Keypad for inputting.
- Task bar to access phone setting.
- 5 View all history including all received, dialed and missed calls.
- 6 Stores numbers you call often.
- Tap to make a call.

Indicators

Below are some of the status icons you may see.

Indicator	Meaning
Y _x	Phone off or out of network service. Tap this icon to turn on the phone
Y	In network service, tap this icon to turn off the phone.
وإ	Call Missed. Tap this icon to view the call(s) you missed.
2-4	Unread E-mail or SMS. Tap the icon to view unread SMS or E-mail.
ণ্ডা	Connecting in progress. The icon will disappear when you are connected to your ISP.
<u>Ş</u> il	Indicates your connection is at full strength.





The Navigation Pad and Dialing



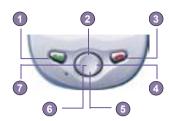
Take Call - Press to take an incoming call.

Dialer Screen -Press to activate the dialer screen.

Speakerphone - During a call, press and hold to turn the speakerphone on or off.

Dial - Press to dial a number.

- Scroll Up Press to scroll up through a list.
- 3 End Call Press to end a call.
- Call Log After launching the dialer screen, press to enter the Call Log feature.
- Scroll Down Press to scroll down through a list.
- 6 Center Press to select a menu item.
- Speed Dial After launching the dialer screen, press to enter the Speed Dial feature.



Entering Your PIN

Most SIM cards are preset with a PIN (Personal Identification Number), provided by your mobile service provider, which you need to enter whenever you use your device.



- Enter the preset PIN assigned to you by your mobile phone service provider (please contact your mobile service provider).
- 2 Tap button.



If your PIN is entered incorrectly three times, the SIM card will be blocked. If this happens, you can unblock it with the PIN Unblocking Key from your mobile phone service provider.



Checking Your Connection

The default settings for your device are programmed to assume that you want to use your phone. Provided you have inserted a SIM card, your device will automatically connect your mobile phone to your service provider's network.

The icon Υ indicates that you are connected to your service provider's network. A full strength signal is indicated by Π . As the strength of the signal diminishes so will the number of vertical bars in the icon, with no bars indicating no signal.



IN MANY COUNTRIES YOU ARE REQUIRED BY LAW TO TURN OFF YOUR PHONE WHEN YOU FLY. TURNING OFF YOUR POCKET PC DOESN'T TURN OFF YOUR PHONE; YOU MUST TURN OFF YOUR WIRELESS CONNECTION TO YOUR OPERATOR'S NETWORK.

Turning The Phone On and Off

You can turn your phone on and off while keeping your actual device turned on



- While using any program on your device, tap Y in the title bar at the top of the phone's display.
- Tap Turn on or Turn off option in the pop-up menu.
- 3 To receive calls when your device is turned off, leave the Phone turned on



You can use other programs on your device during a call. To quickly switch back to Phone, tap ♠, or tap ♠ Phone.



Adjusting The Phone Volume



- ① During a call, tap **4** or press the volume on the side of your device.
- You can select to adjust the phone volume (ring) or device volume (notification levels and MP3) on the pop-up menu.



If you select Vibrate mode, '' will appear in the title bar at the top of the phone display.



Turn off the volume by choosing the Off option.



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



3.2 Making a Call

With your Pocket PC Phone, you can make a call from the Dialer, Contacts, Speed Dial, Call History, and SIM Manager.

To make a call from the Dialer:

The most direct method is by using the Phone keypad.





Press **to bring up the dialer screen.**



Tap the number on the keypad then tap or press button.



Back Spacing and Deleting



If you tap a wrong number, you can back space to erase individual numbers one at a time.



You can also delete all the numbers in the window by tapping Edit and then Clear.





To make a call from Contacts:

You can make a call from Contacts in the following ways:

Option 1



Press the Microsoft Contacts Button, find the contact and then tap twice -- once to send to the dialer screen and once to call.



The pop up menu and button will by default display Call Work Tel. However, you can customize it so that the mobile number or e-mail is displayed instead, see Option 3 below for specific details.



Option 2



Select a contact in the contacts list and then press left or right on the navigation pad -- the number on the screen will change.



Option 3



- In the contacts list, tap the w in the right column next to the contact you want to customize. A pop-up menu will display the phone numbers and e-mail addresses for this contact with a dot next to the priority number.
- 2 In the pop-up menu select a priority -- If you selected mobile number, m should now be in the right column next to the contact.

tap the w here to pop-up all the phoned numbers and e-mail for this contact



To make a call from Speed Dial:

Create speed dials to call frequently-used numbers with a single tap. Before you can create a speed dial entry for a phone number, that number must already exist in Contacts.



- From the Phone keypad, tap New
- Tap the desired contact name and number.
- In the Location field, tap the Up/Down arrows to select an available location to assign as the new speed dial entry. The first speed dial location is reserved for your voice mail.

By memorizing the position in the Speed Dial list of a number. you can dial the number by entering its position number.

For example:

In the picture on the up-right, Alex Liang is at position 3. To dial his number simply tap and hold 3 on the dialer keypad; if the number holds a position of 10 or more, tap the first number, and then tap and hold the second to dial.



By default the Location function will give you the next available position in the Speed Dial list. If you want to put a number in a position that is already occupied, the new number will replace the number already there.

Tips for Speed Dial setting



To create a speed dial entry from Contacts, tap and hold the contact name, tap Add to Speed Dial, and then tap the Up/Down arrows to select an available location to assign as the new speed dial entry.



To delete a speed dial entry, go to the Speed Dial list, tap and hold the contact name in the box to the right of the assigned speed dial number, and then tap Delete.







To make a call from the Call History:



- Go to Phone and press the right side of the navigation pad or tap
- Find the call details by first selecting the category it is filed under. For example, if it is in All calls select All calls from the drop down menu in the top-left corner.
- 3 Use the navigation pad to find the number and then tap or the icon to the left of the number you wish to call.
- Call History icons include:
 → incoming calls;
 → outgoing calls;
 → missed calls.

To make a call from SIM Manager:



- Tap → Programs → SIM Manager -- wait for your SIM card contents to load.
- Tap and hold the name or phone number of the person you wish to call, and then select Call from the pop-up menu.





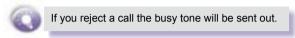


3.3 Receiving a Call

To answer an incoming call:



- Tap Answer, or press on your device.
- 2 Tap Ignore or press to reject the call.



To end a call:



Once an incoming or outgoing call is proceeding, you can press or tap to end the call.

The State Section Sect

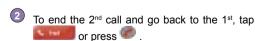
3.4 In-Call Options

Your device notifies you when you have another incoming call and gives you the choice of rejecting or accepting the call. If you accept, you can choose to switch between the two callers or set up a conference call between all three parties. A conference call can include up to six people. See page 47 for more details.

Putting a call on hold



Tap Answer to the take the 2nd call and put the





To swap between calls:



You can choose to swap backwards and forwards between 2 callers by pressing

To set up conference calls :



- Either put a call on hold, dial a 2nd number and wait for it to be picked up. Or, accept a 2nd incoming call when you already have one in progress.
- 2 In the screen that appears tap
- If the conference connection is successful the word Conference will appear at the top of the phone dialer screen (see right).
- To add additional people to your conference call tap to return and continue.





Making a Note

Regardless of whether you call from the Dialer, Contacts, Call Log, Speed Dial or SIM Manager, you can take notes during a call. After you have finished the note it will be saved as an attachment to your call in one of the Call Log folders.

a. To make a note:



- After you have entered a number and tapped or at the bottom of the screen.
- Use any of the input methods to record your note and then tap OK. You can finish your note during or after the call.



Making a Note (Cont'd.)

b. To view a note:



- Press the right side of the navigation pad or tap tap tap and hold the call, and then from the pop up menu tap view note. (The icon indicates a note).
- Or, go to Notes, and then tap the name of the file from the list. (For more information, see *Chapter 2 Entering information*.)



If you decide to create a contact for this caller -- see Adding and Transferring Contacts information in section 3.5 later in this chapter -- the call and file names will be amended to the name of the new contact; the file will be unaffected. tap here to view the notes



Enabling the Speakerphone Mode

Your device has a speakerphone allowing you to talk handsfree and/or let other people listen to the caller.



- Wait until the phone is ringing.
- Hold down until the speakerphone comes on and the icon appears in the top toolbar.
- To turn off the speakerphone hold down again.



DO NOT LEAVE THE PHONE IN SPEAKER-PHONE MODE AND HOLD IT ON YOUR EAR; THE SOUND WILL DAMAGE YOUR EAR.



Checking Your Voice Mail

The first speed dial location defaults as your voice mailbox. When you insert your SIM card into your Pocket PC Phone, it will automatically detect and set as default the voice mailbox number of your mobile service provider.

To retrieve your voice mail:



On the Phone screen, tap or press the left side of the navigation pad, select Voice Mail and then press .



3.5 Contacts Information

Contacts can be imported in the following different ways:



- Your SIM card You interchange your SIM card between your Pocket PC Phone and another device; while using the other device you create one or more new contacts on the SIM card.
- Call History New contact numbers can be found in incoming or missed calls.



Important to import contacts -

- 1 Backup your SIM numbers to your device.
- 2 Speed Dial numbers must be set in Contacts, not on the SIM card.
- 3 Creating Contacts in Microsoft Contacts creates more detailed records

SIM Manager

To open SIM manager, tap Manager → Programs → SIM Manager -- wait for your SIM card contents to load.

a. To create a SIM contact:



- After the SIM contents have loaded, tap New.
- Fill in the Name and Phone details then tap



b. To transfer contacts from SIM to Contacts:

Option 1



On SIM Manager display, tap Tools → Select All → and then Save to Contacts



Option 2



Press and hold the center of the navigation pad - or tap and hold a contact from the list - and then select **Save to Contacts** from the pop up menu.



c. To save personal numbers :

You can choose to save your personal phone numbers in a separate screen in SIM Manager.



- Tap → Programs → SIM Manager → Tools
 → and then List of Own Numbers.
- Add a number to the screen and then tap OK.



Call History

Tap on the phone screen to pop-up the call history list to the right:

To add a record to Contacts from Call History:



- 1 Find the call details you want to add.
- Press and hold the stylus or press and hold the navigation pad center; select Save to Contacts in the pop-up menu that appears.
- In the Save to Contacts screen, add additional contact details and press the navigation pad center or tap OK.

The call details in the **Call History** will then be amended and displayed under the name of the contact, not their telephone number.





Manage Your Call History

Call History details all incoming, outgoing, and missed calls and also provides a summary of total calls. Call History can also tell you when a call was initiated, how long it lasted, and provides easy access to any notes taken during the call.

a. Viewing calls details

Tap in the top left corner of the screen and then select a category from the drop down menu.

Calls are categorized as follows:

- All Calls displays all calls made to and from the phone in chronological order.
- Missed displays calls that were not answered.
- Outgoing displays calls made from the phone.
- Incoming displays calls made to the phone.
- By Caller list calls alphabetically according to caller.

b. To view duration of calls:



Go to Call History, find the call you are looking in, and then tap it once.

c. To delete Individual calls from Call History :



Tap and hold the stylus on the call to be deleted, and then select **delete** from the pop up menu.

d. To delete all calls from Call History:



Tap Tools → and then Delete all Calls.





e. To set limits on the size of your Call History:



- Tap → Call Timers and then the box under Delete call history items older than.
- In the drop down menu select a time period then tap OK.

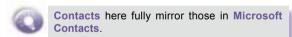
3.6 Photo Contacts

Photo Contacts makes using your Pocket PC more fun and practical than ever before. It allows you to assign still or animated photos to the entries in your Contacts. Then when a person calls you (for whom you have previously assigned a photo ID in Contacts), that photo ID will appear on your Pocket PC's incoming call screen. Use the rich set of features to get the photos displayed with the size, position, and animated ID template you want.

To create a new photo contact:



- 1 Tap B → Programs → Photo Contacts ...
- Select a contact from the list, or create a new one by tapping Edit → then New.



- 3 Tap Edit → then Assign Photo...
- Tap next to Type to select the type of files you want listed, ie, jpeg, bmp, gif or all → Tap next to Find in: to select the location of a file.



Tap a picture file, then OK, and OK again until you return to the Contacts screen. You can see the photo at the bottom of the screen.







To preview and adjust settings:

In step 5 above, after you tap **OK** once you will arrive at the preview and display settings screen.

In Display Settings you can:



Add extra style by assigning a template to the photo.

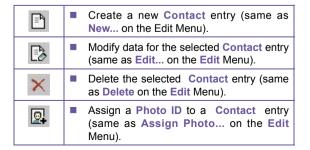


A few sample Photo Contacts templates (animated graphical templates that can frame your assigned photos) are included in your Pocket PC's local storage in the \My Documents\Templates folder. For more templates go to IA Style website http://www.iastvle.com

- Choose how you want the photo to fit to the window.
- 3 Enlarge the photo if it is smaller than the window
- 4 Choose a size and position for the picture.
- Preview all of these changes by tapping Preview.

Toolbar Icons

The Toolbar provides a convenient way for you to select frequently-used commands. Each is explained in more detail in its own subsection later in this Manual. From left to right, the functions of the icons on the Toolbar are:







Preview with a selected template.



	Remove a Photo ID assignment (same as Unassign Photo on the Edit Menu).
	Preview the current Photo/template as- signment (same as Preview on the View Menu).
	Invokes "Detailed View" for the current entry (same as Properties on the View Menu).
X =	Opens the Options screen (same as Options on the Tools Menu).

To assign a photo from the camera:



- 1 Tap → Programs → Photo Contacts.
- Select a contact from the list, or create a new one by tapping Edit, then New. Contacts here fully mirror those in Microsoft Contacts.
- 3 Tap Edit then Assign Photo From Camera.
- After you take the picture, you will be returned to the Display Settings and Preview screen.

To unassign a photo:



- 1 Tap → Programs → Photo Contacts...
- Select an existing contact entry that you want to remove.
- 3 Tap Edit → then Unassign Photo → Tap yes in the pop-up box.

To view your contacts by photo:



- **1** Tap $\frac{m}{m}$ → Programs → Photo Contacts.
- Tap -- on the Command Bar; Or, tap View → then Photo Dialer View.





When in Photo Dialer view mode, the View Menu contains three additional commands that allow you to specify the size of the thumbnail images: Large Thumbnails, Normal Thumbnails and Small Thumbnails.)

You can enter the **Detailed View of Photo Contact** using any of these methods:

- Select the desired Contact entry → then select Properties... on the View Menu.
- Select the desired Contact entry → then tap the Properties icon on the Toolbar
- Select the desired Contact entry → then press the Action button on your Pocket PC.
- Double-tap a Contact entry.

To disable the displaying of photos:



- Tap → Programs → Photo Contacts...
- Tap Tools → Options → then uncheck the Display photo during incoming or waiting call box.

To manage your groups:

You can create a new group, rename, delete, and assign and unassign a photo to a group.



Tap Tools → then Manage group.

To assign a contact to a group:



- Tap → Programs → Photo Contacts...
- Select a contact from the list, or create a new one by tapping Edit, then New. Contacts here fully mirror those in Microsoft Contacts.
- Tap Edit → then Assign Group.
- A Select a group from the list, then tap **OK**.
- 5 To unassign tap Unassign Group on the Edit menu.







Show Contact Names Only

When Show Contact Names Only is selected on the View menu, only the name of each Contact entry (no phone number or other data) will be listed. The Photo ID (if any) will still be displayed.

Set Default Photos...

The **Set Default Photos** screen lets you assign, unassign, and preview default **Photo IDs** to appear for these three situations:



Unknown photo	This photo will display whenever the phone number of the incoming call is not known to Caller ID because no phone number was "passed in" to your Pocket PC. This would occur if the person calling you has blocked their phone number from being displayed to the receiver, or has not enabled the broadcast of their Caller ID.
Not-found photo	This option in the <i>Set Default Photos</i> screen lets you assign a generic Photo ID to any incoming call from a person whose number is not found in your Contacts . That is, the phone number of the incoming call is known, but has no matching entry in your Contacts .
Default photo	This photo will display when the incoming call is found to be from a matching entry in your Contacts database, but so far there is no individually-assigned Photo ID for either that individual Contact entry, or for the Group it belongs to.



- To select Set Default Photos...tap Tools → then select Set Default Photos.
- Check a circle next to one of the categories, then tap Assign.
- 3 Select a picture, then assign settings.

3.7 Additional Dialing Information

To make an emergency call:



Enter the international emergency number 112 then



- Some mobile phone service providers may require that a SIM card is inserted and/or a PIN entered in order to 112. Consult with your service provider for more information.
- Additional emergency numbers may be included on your SIM card. Consult with your mobile service provider for more information.



To make an international call:



- Tap and hold the key until the+ sign appears. The + replaces the international prefix of the country of where you are calling.
- Enter the full phone number you want to dial. It includes country code, area code (without the leading zero) and phone number.
- 3 Tap or press .



3.8 Secure Your Phone

You can customize the level of security you want to have on your Pocket PC phone by locking the keypad, the entire device, or the SIM card.

Locking the keypad

The keypad lock turns off the keypad functionality. This is a helpful feature if, for example, your Pocket PC phone is turned off and in your pocket, and you want to prevent accidental keypress from pressing a button etc.



- Select Lock all buttons except Power button.
- 3 To unlock your keypad, tap Do not lock buttons

Monta Add Flore Services Add Flore Services

Locking your phone

Locking your Pocket PC phone prevents access to personal data. When you enable this feature, your Pocket PC phone will automatically lock after a specified time of inactivity. A screen will be displayed requiring your Pocket PC phone lock password before access is granted.



- Tap Mag → Settings → Personal → Password
- Select the type of password you would like to use: Simple 4 digit password or Strong alphanumeric password.



A strong password must have at least 7 characters that are a combination of uppercase and lowercase letters, numerals, and punctuation.

- 3 Enter the password and, if necessary, confirm the password.
- Select how long your mobile device must be turned off before the password is required for using the device by tapping Prompt if device unused for.



Locking the SIM card

You can protect your Pocket PC phone from unauthorized use by assigning a PIN (Personal Identification Number). Your first PIN will be given to you by your mobile phone service provider.



- From the Phone keypad, tap Tools → Options → Phone tab.
- 2 Select Require PIN when phone is used.
- 3 To change the PIN at any time, tap Change PIN



Emergency calls can be placed at any time, without requiring a PIN.



Chapter 4

Synchronizing Information

4.1 Using ActiveSync
4.2 Synchronizing Information
4.3 Synchronizing by Using
an Infrared Connection
4.4 ActiveSync Errors

Synchronizing Information

4.1 Using ActiveSync

Using Microsoft ® ActiveSync® you can synchronize the information on your PC with the information on your Pocket PC Phone. Synchronization compares the data on your device with your PC and updates both with the most recent information. With ActiveSync, you can:

- Keep Pocket Outlook data up-to-date by synchronizing your device with Microsoft Outlook data on your PC.
- Choose to synchronize Inbox, Calendar, and Contacts with a server so that you have the latest information, even when your desktop computer is turned off.
- Copy (rather than synchronize) files between your device and your desktop PC.
- Control when synchronization occurs by selecting a synchronization mode.
- Select which information types are synchronized and control how much data is synchronized.



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



Using Server ActiveSync, you can synchronize information directly with a Microsoft Exchange Server if your company is running Microsoft® Mobile Information Server 2002 or later.

Installing ActiveSync

Before you begin synchronization, install ActiveSync on your desktop computer from the *Pocket PC Phone 2003 Companion CD*. ActiveSync is already installed on your Pocket PC Phone.

ynchronizing Information

Creating a Partnership

After the installation is complete, the **New Partnership Wizard** helps you set up a partnership between your phone and your desktop computer and/or a server so that you can start synchronizing information and customizing your synchronization settings.



In the New Partnership Wizard select Synchronize with this desk-top computer. Unless you are certain that your company is running Microsoft Mobile Information Server 2002 or later and you know the server name, then choose Synchronize with Microsoft Mobile Information Server and/or this desktop compute. For more information, contact your network administrator or service provider.

Your first synchronization will automatically begin when you finish using the wizard. After the first synchronization, you will notice that your **Outlook** information now appears on your pocket PC phone.





Select the items you want in the synchronization setting then you can start to synchronize your data between your device and your PC.



 Tap to synchronized via IR or change synchronization settings.

Synchronizing Information

4.2 Synchronizing information

This section provides an overview of the types of Outlook information you can synchronize. By default, ActiveSync does not automatically synchronize all types of Outlook information. Use ActiveSync options to turn synchronization on and off for specific information types.

Synchronizing Inbox

When you select Inbox for synchronization in ActiveSync, e-mail messages are synchronized as part of the general synchronization process. During synchronization, the following events occur:

- Messages are copied from the Outlook Inbox folder on your desktop computer, or from a Microsoft Exchange Server, to the Inbox folder on your Pocket PC Phone.
- By default, when synchronizing Inbox information with your desktop computer, you will receive only messages from the last three days and the first 500 bytes of each new message. You can also choose to download file attachments.
- The messages on your phone and on your desktop computer are linked. When you delete a message on your phone, it is deleted from your desktop computer the next time you synchronize, and vice versa.
- Messages in subfolders in other e-mail folders in Outlook are synchronized only if the folders have been selected for synchronization in the Inbox on your Pocket PC Phone.

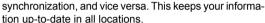


SMS messages are not received in your Inbox through synchronization. Instead, they are sent to your phone by way of your service provider. For more details, please see *Message Features in Chapter 8*.



Synchronizing Calendar

- Calendar items stored on your Pocket PC Phone can be synchronized with calendar items stored on your desktop PC and/or on a Microsoft Exchange Server. By default, calendar items from the last two weeks will be synchronized.
- Calendar items created on your Pocket PC Phone are copied to your desktop PC and/or server during synchronization, and vice versa. Similarly, Calendar items that are deleted from your phone are deleted from your desktop computer and/or server during





Synchronizing Contacts

- Contacts stored on your phone can be synchronized with contacts stored on your desktop computer or on a Microsoft Exchange Server. By default, all of your contacts will be synchronized.
- Contacts created on your phone are copied to your desktop computer and/or server during synchronization, and vice versa. Similarly, contacts that are deleted from your phone are deleted from your desktop computer and/or server during synchronization, and vice versa. This keeps your information up-to-date in all locations.

Synchronizing Tasks

- Tasks stored on your phone can be synchronized with tasks stored on your desktop computer. Task synchronization is automatically selected in ActiveSync. By default, all of your incomplete tasks will be synchronized.
- Tasks created on your phone are copied to your desktop computer during synchronization, and vice versa. Similarly, tasks that are deleted from your phone are deleted from your desktop computer during synchronization, and vice versa. This keeps your information up-to-date in all locations



Tasks can be synchronized only with your desktop computer. They cannot be synchronized with a server.

ynchronizing Information

4.3 Synchronizing Using an Infrared Connection

You can use an infrared connection to create a direct connection between your phone and another mobile device or desktop computer quickly. This method is ideal for quickly switching between multiple devices since there are no cables or adapters to change. When creating a partnership, you must connect using infrared, a cable, or a cradle connection.

For more information about synchronizing using an infrared connection or other connection types, see *ActiveSync Help* on your desktop computer.

Transferring Items Using Infrared

Using infrared (IR), you can also send and receive information, such as contacts and appointments, between two devices.

a. To send information:



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



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

b. To receive information:



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



4.4 ActiveSync Errors

Whenever ActiveSync cannot successfully synchronize your information, it displays an error on your phone.

To view ActiveSync error information



Press the **Action** button when the error text is displayed. ActiveSync will then display more information about the error that occurred.



Some types of errors can interfere with automatic synchronization. If you suspect that a scheduled automatic synchronization has not occurred, you should attempt to manually synchronize your information. Successfully completing manual synchronization will reset automatic synchronization. For more information, see the *Synchronizing Information* section of ActiveSync Help on your desktop computer.

Chapter 5

Personalizing Your Pocket PC Phone

5.1 Device Settings

5.2 Phone Settings

5.1 Device Settings

You can adjust device settings to suit the way you work. To see available options, tap → Settings → Personal or System tab located at the bottom of the screen.

Personal Tab

Icon	Program
	Button Assigns an application program to hard ware button.
	Input Sets up the input portion of your device.
	Menus Customizes the menu appearance and enables a pop up menu from the New button.
	Owner Information Displays your contact information.
CA	Password Limits access to your device.
8	Phone Sets up the phone function of your wireless feature.
0	Sounds and notifications Sets the notification type, event and volume.
3	Today





System Tab

Icon	Program
H	About Displays important device information.
(NE	Add ring tone To listen to and select new ring tones.

appears on the Today screen.

Customizes the look and the information that

Icon	Program
	Backlight Customizes the backlight and brightness for power saving purpose.
	Button Lock Enables you to lock the buttons on your device except Power button when device is off.
-	Certificates Displays the name of the certificate issuer and the expiration date.
3	Clock Changes the time and sets alarms
	Device information Find information about version, hardware, identity and call duration.
The state of the s	Memory Displays the memory allocation status and current running programs.
3	Microphone AGC Adjusts the volume automatically when you are recording
	Permanent save Saves contacts to permanent flash memory.
	Power Maximizes battery life.
	Regional settings Customizes the region and relative format for the region you use.
(Remove programs Creates more memory by removing programs.
B	Screen Re-calibrates the screen and enable/disable

Clear Type feature.





Buttons

To change the assignments for your device's four program buttons:



- 1 Tap 6000 \rightarrow Settings \rightarrow Personal \rightarrow Buttons.
- 2 Select a button, a program in Button
 Assignment, and then tap OK.
- In the Up/Down Control tab Delay before first repeat changes the time elapsed before scrolling

to scroll from one item to the next

begins. Repeat rate changes the time it takes





Input



- 1
 - Tap \longrightarrow Settings \rightarrow Personal tab \rightarrow Input.
- Select an input method and change desired options on the Input Method tab; Select desired option for word completion on the Word Completion tab, and options for writing and recording on the Options tab. These options apply to any program on the device where you can record or write.



You can also change input **Options** by tapping the arrow and then options.

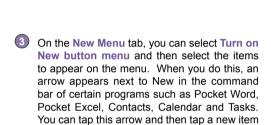




To add the programs you use most often to Start 🌆 .



- Tap → Settings → Personal tab → Menus
- 2 Select the programs you want, then tap **OK**.



to create.







You can create subfolders and shortcuts to appear under In ActiveSync on your desktop PC, click Explore \rightarrow Double-click My Pocket PC \rightarrow click Windows \rightarrow click Start Menu \rightarrow then create the folders and shortcuts that you want.



Owner Information



- 1 Tap → Settings → Personal tab → Owner Information
- On the Identification tab, enter your personal information. Select Show information when device is turned on so that if you lose your device, it can be returned to you.
- On the Notes tab, enter any additional text you want to display when the device is turned on, such as: Reward if found



0

Password



- Tap → Settings → Personal → Password
- To select how long your mobile device must be turned off before a password must be entered, check Prompt if device unused for.
- Select the type of password you would like to use. A strong password must have at least 7 characters that are a combination of uppercase and lowercase letters, numerals, and punctuation.
- Enter the password and, if necessary, confirm the password.



- If your device is configured to connect to a network, use a strong password to help protect network security.
- If you forget your password, you must clear the memory before you can access your device. This will erase all files and data you have created and programs you have installed. For more information about clearing memory, please see Appendix A.







Sounds and Notifications



- Tap M → Settings → Personal tab → Sounds & Notifications
- On the Volume tab, you can select the actions for which you want to hear sounds. If you don't want to hear sounds, move the System volume slider to Silent
- 3 On the Notifications tab, you can customize how you are notified about different events. Select the event name and then select the type of reminder. You can select a special sound, a message, or a flashing light.



- Turning off sounds and the notification light helps conserve battery power.
- Use Phone settings to change the ring type and volume for your phone. For more details see the Phone Setting section in Chapter 3.







You can customize the Today screen the following ways:

a. To change the background:

- 1 Tap $M \rightarrow Settings \rightarrow Personal tab \rightarrow$ Today.
- On the Appearance tab, select the desired theme for the background. To use your own background, select Use this picture as the background then tap Browse to locate the desired file.
- 3 Choose a folder and tap the file you want then tap OK.



b. To customize the information you want displayed:



- 1 Tap → Settings → Personal tab → Today → then Items tab
- 2 Uncheck a box to remove its information.
- To change an item's position select it then tap Move Up or Move Down.
- To choose how long the Today screen is displayed, select/deselect Display Today screen if device is not used for, then the number of hours.

c. To customize Tasks or Calendar:



Select Tasks or Calendar, and then Options to further customize



- You can find additional pictures on the Pictures companion program. See detailed information in Chapter 9.
- Recommend picture size is 240x320 pixels in .jpg file.





Backlight



Using the backlight while on battery power substantially reduces battery life.



- Tap M → Settings → System tab → Backlight.
- Tap Battery power tab to turn on/off the backlight when using battery power.
- 3 Tap External power tab to turn on/off the back-light when using external power.
- 4 Tap Brightness tab to adjust the brightness level







Tap $\overline{M} \rightarrow$ Settings \rightarrow System tab \rightarrow Clock.

- If you visit a particular time zone often, select it as your Visiting time zone on the Time tab so that you can quickly see the correct date and time.
- You can use your device as a travel alarm clock by setting a wake-up alarm on the ACs tab. Tap the alarm icon to select the type of alarm you want.
- To change the appearance of the date and time, go to Regional by tapping $M \rightarrow Settings \rightarrow System tab \rightarrow$ Regional Settings.





Memory



Tap \boxtimes \rightarrow Settings \rightarrow System tab \rightarrow Memory.

- The Main tab displays the amount of memory the system has allocated to file and data storage versus program storage. This tab also displays the amount of memory in use versus the available memory. For information about making memory available, see Free Memory in Appendix A.
- The Storage Card tab displays how much memory is available on the storage card that is inserted into your device. If you have more than one card inserted, tap the list box and then the name of the storage card whose information you want to view.
- The Running Programs tab displays the list of currently active programs. You can stop a program by selecting it in the list and tapping Stop. You may need to stop a program if it becomes unstable or program memory is low.







Power



Tap
$$\longrightarrow$$
 Settings \rightarrow System tab \rightarrow Power.

The **Battery** tab displays the amount of battery power remaining. Battery power depends on the battery type and how the device is being used.

On the Advanced tab you can select options for turning off your device to conserve battery power. To conserve the most power, select the option that turns off the device after 3 minutes or less





5.2 Phone Settings

You can easily view and change settings, such as the ring type and ring tone to be used for incoming calls, and the keypad tone to be used when entering phone numbers. You can also protect your phone from unauthorized use. There are two ways to change phone settings:





Tap \square \rightarrow Settings \rightarrow Personal tab \rightarrow Phone.





To change phone settings from the Phone keypad. → Tap Tools → Options → Phone tab

Sounds

a. Ring Type

You can change the way that you are notified of incoming calls. For example, you can choose to be notified by a ring. a vibration, or a combination of both.



Tap the Ring type list, then select the desired option.

b. Ring Tone



Tap the Ring tone list, then select the sound you want to use

To use .wav, .mid, or .wma files as ring tones, use ActiveSync on your PC to copy the file to the /Windows/Rings folder on your device. Then, select the sound from the Ring tone list.

c. Keypad Tone

You can change the tone you hear when entering a phone number on the keypad. If set to Tones, the tone is heard continuously for as long as the number on the keypad is pressed. If set to Beep, the tone is heard only for one or two seconds.



Tap the **Keypad** list, then select the option you want.

To prevent tones from being heard when entering a phone number, select Off.





Services

Services settings on the Settings → Phone → Services tab are primarily used to set options for incoming calls, such as Call Forwarding, Call Waiting, and Caller ID.

Feature	Function
Call Barring	Enables you to block incoming and/or outgoing calls.
Caller ID	Identifies caller by displaying their name and/or phone number.
Call Forwarding	Enables you to forward all or selected incoming calls to a different number.
Call Waiting	Notifies you of an incoming calls while you're already on the phone .



Tap Get Settings to access the settings for a service



To change service settings from the phone keypad, tap Tools \rightarrow Options \rightarrow Services tab \rightarrow tap a service \rightarrow Get Settings.



Network

With network settings, you can view available networks, determine the order in which your phone accesses another network if the current one is unavailable, and specify whether you want to change networks manually or automatically. The current network will remain active until you change it, lose your signal, or change your SIM card.



- The network currently in use will be listed at the top of the screen.
- When your current network is unavailable, tap Select Network to select an alternate.



Chapter 6

Scheduling and Communicating - Microsoft Pocket Outlook

6.1 Calendar

6.2 Contacts

6.3 Tasks

6.4 Notes

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 e-mail messages in Inbox.

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

For information on using ActiveSync, see Chapter 4 Synchronizing Information or ActiveSync Help on the PC.

6.1 Calendar: Scheduling Appointments and Meetings

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



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



- Tap to go to today.
- 2 Tap to display or edit the appointment details.
- 3 Tap to create a new appointment.
- Tap to change the first day of the week.

Tap here to switch to any of these programs.







To Create an Appointment

If you are in Day or Week view, tap the desired date and time for the appointment, then tap New:



- Tap tab appropriate fields, then using the input panel, enter a description and a location.
- 2 If needed, tap the date and time to change them
- 3 Enter other desired information. You will need to hide the input panel to see all available fields.
- To add notes, tap the Notes tab. You can enter text, draw, or create a recording. For more information on creating notes, see Notes: Capturing Thoughts and Ideas later in this chapter.
- (5) When finished, tap OK to return to the calendar.



| Company | Comp

Using the Summary Screen



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



Creating Meeting Requests

You can use Calendar to set up meetings with users of Outlook or Pocket Outlook. The meeting request will be created automatically and sent either when you synchronize Inbox or when you connect to your e-mail server. Indicate how you want meeting requests sent by tapping Tools and then Options. If you send and receive e-mail messages through ActiveSync, select ActiveSync.

If you send and receive e-mail messages through ActiveSync, select ActiveSync.



To schedule a meeting:



- 1 Create an appointment.
- 2 Hide the input panel, and then tap Attendees.
- 3 Select the meeting attendees from the list of e-mail addresses you've entered in Contacts.
- The meeting notice is created automatically and placed in the Outbox folder.

For more information on sending and receiving meeting requests, see *Calendar Help* and *Inbox Help* on the device.



6.2 Contacts: Tracking Friends and Colleagues

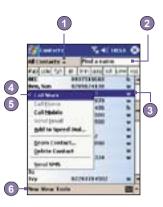
Contacts maintains a list of your friends and colleagues so that you can easily find the information you are looking for, whether you are at home or on the road. Using the device 's infrared (IR) port, you can quickly share Contacts information with other device users.



- Select the category of contacts you want displayed in the list.
- Tap and enter part of a name to quickly find it in the list
- Tap to see additional phone numbers and e-mail addresses.
- Tap to display or edit the contact details.
- Tap and hold to display a pop-up menu of actions.
- 6 Tap to create a new contact.



To change the way information appears in the list, tap Tools and then Options.



To create a contact:



- 1 Tap \longrightarrow Contacts \rightarrow New.
- 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.
- To add notes, tap the Notes tab. You can enter text, draw, or create a recording. For more information on creating notes, see Notes: Capturing Thoughts and Ideas later in this chapter.
- When finished, tap OK to return to the contact list



To Find a contact:

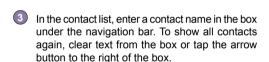
There are 6 ways to find a contact:



1 Press and hold the top of the navigation pad until alphabetical letters appear on the screen in large type. Then use the navigation pad to scroll through the alphabet and select a letter.



Tap one of the grouping of letters displayed across the top of the screen.



In the contact list, tap the category list (labeled All Contacts by default) and select the type of contact that you want displayed. To show all contacts again, select All Contacts. To view a contact not assigned to a category, select No Categories.







To view the names of companies your contacts work for, in the contact list, tap View → By Company. The number of contacts that work for that company will be displayed to the right of the company name.



Tap → Find, enter the contact name, select Contacts for the type, and then tap Go.





Using the Summary Screen



When you tap a contact in the contact list, a summary screen is displayed. To change the contact information, tap **Edit**.



6.3 Tasks : Keeping a To Do List

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



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



To create a task:



- 1 Tap \longrightarrow Tasks \rightarrow New.
- 2 Using the input panel, enter a description.
- 3 You can enter a start date and due date or enter other information by first tapping the field. If the input panel is open, you will need to hide it to see all available fields.
- 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.
- To add notes, tap the Notes tab. You can enter text, draw, or create a recording. For more information on creating notes, see Notes: Capturing Thoughts and Ideas later in this chapter.
- 6 When finished, tap **OK** to return to the task list.



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





Using the Summary Screen



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



6.4 Notes : Capturing **Thoughts and Ideas**

Notes quickly capture thoughts, reminders, ideas, drawings, and phone numbers. You can create a written note or a recording, or include a recording in a note. If the note list is displayed, it will be created as a stand-alone recording.



To create a note:





1 Tap $M \rightarrow Notes \rightarrow New$.



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 Chapter 2 Entering Information.



Chapter 7

Getting Connected

7.1 About Connection
7.2 Connect to the Internet
7.3 Pocket Internet Explorer
7.4 Terminal Services Client
7.5 Wireless Modem
7.6 Bluetooth

7.1 About Connections



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

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

- Use the infrared (IR) port on your device to send and receive files between two devices
- Connect to your mobile Internet service provider (ISP) and you can send and receive e-mail messages by using Inbox and view Web or WAP pages by using Microsoft® Pocket Internet Explorer. The communication software for creating a wireless ISP connection is already installed on your device. Your service provider will provide software needed to install other services, such as paging and fax services
- Connect to the **network** at your company or organization, and you can send and receive e-mail messages by using Inbox and view Web or WAP pages by using Microsoft® Pocket Internet Explorer, and synchronize with your PC.
- Connect to your virtual private network (VPN) at the company or organization where you work, where the added security means that you can access the full resources of your company's network. For example, you can use File Explorer to access the files of computers on that network.

Your device has two groups of connection settings: My ISP and My Work Network. My ISP settings are used to connect to the Internet, and My Work Network settings can be used to connect to any private network, such as the corporate network you use at work. Simply fill in the settings and you'll be ready to start connecting.





7.2 Connect to the Internet

You can use **GPRS** to connect to your mobile ISP, and use the connection to send and receive e-mail messages and view Web or WAP pages.



- Obtain the following information from your ISP: ISP server phone number, user name, and password.
- 3 In My ISP, tap Add a new modem connection.
- 4 Create a modem connection.



Wireless connections can be made via a mobile phone network or GPRS. If you are using a mobile phone network to connect, in the Select a modem list, tap Cellular Line. If you are using GPRS, tap Cellular Line (GPRS).

To start the connection, begin using the desired program. For example, switch to Pocket Internet Explorer and browse to a Web page. Your device will automatically connect.



- To set up a network card or wireless network connection to your ISP, then add a new connection under My Work Network.
- To change modem connection settings, in either My ISP or My Work Network, tap Manage existing connections. Select the desired modem connection, tap Settings, and follow the instructions on the screen.



To view additional information for any screen, tap .







CSD Line Type

This program allow you to choose the line type when you make a circuit switch data connection.



The default setting on this device is customized as the best setting for use. Don't change this setting unless you have trouble on circuit switch data connection.

To change a CSD Line Type:



- 2 Tap under Data rate and select a value, then tap under Connection element and choose a type from that drop-down menu. Tap OK.



GPRS Settings

This program allow you to choose the GPRS setting method when you make a GPRS connection. There 2 authentication methods required to be set up:

PAP authentication

Password Authentication Protocol, protocol used in authentication which users clear text passwords and is the least sophisticated of authentication protocols.

CHAP authentication

Challenge Handshake Authentication Protocol, protocol used to negotiate the most secure form of encrypted authentication supported by both server and client.



Changing these setting may cause your data communications to no longer operate. Please consult your service provider before altering these settings.



Set up a WAP gateway

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



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

7.3 Pocket Internet Explorer

Once connected, you can use Microsoft® Pocket Internet Explorer to view Web HTML, cHTML, xHTML and WAP pages. You can browse in either of these ways:

 During synchronization with your PC, download your favorite links and mobile favorites that are stored in the Mobile Favorites folder in Internet Explorer on the PC.



To synchronize and download your favorite links from your desktop computer, tap the sync option Favorites in ActiveSync on your desktop PC.

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 section 7.2 Connect to the Internet.



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

To switch to Pocket Internet Explorer:



Tap M → Internet Explorer.

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



To browse the Internet:



- In the address bar that appears at the top of the screen, enter the Web address you want to visit.
- 2 Tap roto go to the web address you entered.
- 3 Tap $\frac{1}{100}$, the Favorites button, then tap the favorite you want to view.
- Tap to go back to the Homepage you set.
- Tap to refresh the web page on the screen.

To view mobile favorites and channels:



- 🚺 To display your list of favorites, tap 🌟.
- 2 Tap the page you want to view.
- 3 You will see the page that was downloaded the last time you synchronized with your PC. If the page is not on your device, the favorite will be dimmed. To download the page to your device, you will need to synchronize with your PC again, or connect to the **Internet** to view the page.



To add a favorite link while using the device, go to the page you want to add, tap and hold on the page, and tap Add to Favorites.







The Mobile Favorites Folder

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

Favorite Links

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

Mobile Favorites

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

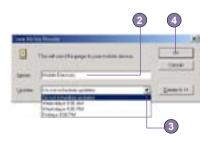
a. To create a mobile favorite:



- In Internet Explorer on your desktop computer, click Tools and then Create Mobile Favorite.
- To change the link name, enter a new name in the Name box.
- 3 In Update, select a desired update schedule.
- Click OK. Internet Explorer downloads the latest version of the page to your desktop computer.
- To limit the number of download links, open Internet Explorer on your desktop PC then Favorites







Move your mouse through Mobile Favorites to the mobile favorite you want to change. Right-click the mobile favorite and then Properties; in the Download tab, specify 0 or 1 for the number of linked pages you want to download.

Synchronize your device and desktop computer.
 Mobile favorites that are stored in the Mobile Favorites folder in Internet Explorer are now downloaded to your device.



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

You can add a button to the **Internet Explorer** toolbar for creating mobile favorites.



Open Internet Explorer on your desktop computer → click View → Toolbars → and then Customize



b. Saving Device Memory

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



In ActiveSync on your desktop \rightarrow click Options \rightarrow select Favorites \rightarrow tap Settings and then Customize.

You can then deselect Synchronize Images, Synchronize Sound and/or Synchronize offline content pages to stop pictures and sounds, or some mobile favorites from being downloaded to the device.



Using AvantGo Channels

AvantGo is a free interactive service that gives you access to personalized content and thousands of popular Web sites. You can subscribe to **AvantGo** channels directly from your device. Then, you synchronize your device and PC, or connect to the Internet to download the content. For more information, visit the **AvantGo** Web site http://avantgo.com/help.

To sign up for AvantGo:



- In ActiveSync options on the desktop computer, turn on synchronization for AvantGo.
- Open Pocket Internet Explorer on your device, then tap the Favorites button to display your list of favorites.
- Tap the AvantGo Channels link.
- Follow the directions on the screen. You will need to synchronize your device with your desktop computer and then tap the My Channels button to complete the AvantGo setup.

When synchronization is complete, tap the AvantGo Channels link in your list of favorites to see a few of the most popular channels. To add or remove channels, tap the Add or Remove link.





7.4 Terminal Services Client

Using the Terminal Services Client, you can log onto a Windows NT server type PC that is running Terminal Services software and use all of the programs that are available on that PC from your mobile device. For example, instead of running Microsoft Pocket Word, you can run the PC version of Microsoft Word and access all of the .doc files on that PC from your device.



You cannot use Transcriber when entering information in Terminal Services. You must use Keyboard, Block Recognizer, or Letter Recognizer.



To connect to a Terminal Server:

Start a remote connection to the server via your wireless modem connection.



- 1 Tap M → Programs → Terminal Services
- If connecting to a server you have previously connected used, tap its name in Recent Servers
- To connect to a new server, enter the server's name in the Server box. Select the Limit size of desktop to fit on the screen check box only when using applications that have been specifically sized for use with Pocket PC.
- 4 Tap Connect.



If the network administrator has configured Terminal Services Client to reconnect to disconnected sessions, and you previously disconnected from a Terminal Server without ending the session, the Terminal Services Client reconnects to that session.

For more information about the connection of Terminal Services Client, tap → Help.



7.5 👺 Wireless Modem

This utility will simulate your device as a wireless modem, and let your PC/Notebook be connected to a wireless network. Before creating a new modem via selected connection type, you still need to install the drivers on your PC/Notebook. For more details about the drivers installation and the minimum requirements of your PC/Notebook, please refer to *Pocket PC Phone 2003 Companion CD*.





Tap → Programs → then tap Wireless Modem.



Select a connection type :
Connect your device via infrared or serial to a note-book or PC, and then tap



Before you press the **Start** button, please make sure your device is with a **GPRS SIM** card and you have connected this device to your PC/Notebook by **Serial** or **IrDA** connection and disabled the **Activesync**.



7.6 🛭 Bluetooth

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

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. The devices only need to be within a range of about 10 meters. You can even beam information to a device in a different room, as long as it's within range. The software included with your Pocket PC Phone allows you to use Bluetooth in the following ways:

- Beam information, such as files, appointments, tasks, and contact cards, between devices that have Bluetooth capabilities. For example, if you and a co-worker each have a device with Bluetooth, you can beam items between your devices, such as files, contact cards, appointments, tasks, and so forth.
- Create a dial-up modem connection between your device and a Bluetooth phone. You can then use the Bluetooth phone as a modem.



Bluetooth modes

Bluetooth operates in three different modes:

a. On

The Bluetooth radio is turned on and you can use Bluetooth features.

b. Off

The Bluetooth radio is turned off. In this mode, you can neither send nor receive information by using Bluetooth. You might want to turn the radio off at times in order to conserve battery power, or in situations where radio use is prohibited, for example on airplanes and in hospitals.

To turn your Bluetooth on or off:



- 1 Tap $\overline{k} \rightarrow$ Setting \rightarrow Connections tab
- 2 Tap Bluetooth.
- 3 Select On or Off. The Bluetooth radio is turned on or off according to your selection.



By default the **Bluetooth** radio is turned off. If you turn it on, and then turn off your device, the **Bluetooth** radio also turns off. When you turn on your device again, the **Bluetooth** radio automatically turns on .

c. Discoverable

The Bluetooth radio is turned on, and all of the other Bluetooth devices within range (about 10 meters) can detect your device and attempt to beam information to it, establish a bond, or use a Bluetooth service. In this mode, other devices can detect your device whether or not a bond has been created; however, in order to receive a beam from another device, you must accept it on your device. To make your device discoverable:





- Tap M → Setting → Connections tab
- 2 Tap Bluetooth.
- 3 Select Discoverable.

Other Bluetooth devices can now detect your device and attempt to beam information to it, establish a bond, or use a Bluetooth service. Note that to receive beamed information, you must accept it on your device.



Selecting **Discoverable** also turns on your Bluetooth radio.

If you no longer want your device to be discoverable, tap Off to turn off the radio or On to leave the radio on, but not allow detection by other devices.

Bonds

A **bond** is a relationship that you create between your Pocket PC and another **Bluetooth** device in order to exchange information in a secure manner. Creating a bond involves entering the same personal identification number (PIN) on the two devices you want to bond. You need only create a bond once between two devices. Once a bond is created, the devices recognize the bond and are able to exchange information without your entering a PIN again.

a. To create a Bond:

You can create a bond between your device and another device that has Bluetooth. Once you do this, Bluetooth doesn't need to be in discoverable mode in order for you to beam information between the two devices; the Bluetooth radio only needs to be turned on



- Make sure that the two devices are within 10 meters of one another and that Bluetooth is in discoverable mode on both devices.
- 2 Tap $69 \rightarrow$ Settings \rightarrow Connections tab.





- Tap Bluetooth → Bonded Devices tab → New. Your device searches for other Bluetooth devices and displays them in the list.
- Tap the name of the other device in the list, and then Next
- In PIN, enter a PIN of between 1 and 16 characters and tap Next.
- 6 Enter the same PIN on the other device.
- If you want, in Name, edit the name of the other device.
- Tap Finish.



b. To accept a Bond:



- Make sure that Bluetooth is turned on and in discoverable mode.
- When prompted to bond with the other device, tap OK.
- In PIN, enter a PIN of between 1 and 16 characters, and tap Next. You must enter the same PIN that was entered on the device requesting the bond.
- If you want, in Name, edit the name of the device requesting the bond.
- Tap Finish.

The bond is created. You can now exchange information with the other device.





c. To rename a Bond:



- Tap M → Settings → Connections tab.
- 2 Tap Bluetooth → Bonded Devices tab.
- 3 Tap the bond to rename.
- In Name, enter a new name for the bond.
- 5 Tap Finish.

d. To delete a Bond:



- Tap → Settings → Connections tab.
- 2 Tap Bluetooth → Bonded Devices tab.
- Tap and hold the bond to delete.
- 4 Tap Delete.

Beaming Information with Bluetooth



- Tap and hold an item to beam, such as an appointment in Calendar, a task in Tasks, a contact card in Contacts, or a file in File Manager.
- Tap Beam [type of item].
- 3 Tap the device to which you want to send the beam.

The item is beamed to the device you selected.



If the device that you want to beam to doesn't appear in the list, make sure that it is turned on, in discoverable mode, and within 10 meters (10 meters) of your device. Also, make sure that your Bluetooth radio is turned on.



Receiving a Bluetooth Beam



- Make sure that your device is configured to receive incoming beams and that Bluetooth is in discoverable mode
- Make sure that your device is within 10 meters of the device beaming the information.
- When prompted to receive an incoming beam, tap Yes.

The information is now stored on your device.



Using a Bluetooth Phone as a Modem

You can use a phone that has Bluetooth capabilities as a modem for your device. To do this, you create a Bluetooth modem connection on your device and then send information to the phone by using Bluetooth. The phone relays the information over the phone line and then sends back to your device any information that you had requested over the connection.

Once you create a modem connection to the Bluetooth phone, you can reuse it whenever you want to use the phone as a modem



- Make sure that the Bluetooth phone is turned on, that your device's and the phone's Bluetooth radios are turned on, and that your device and the phone are within 10 meters (10 meters) of one another.
- If you have not already done so, create a Bluetooth phone connection by following steps 3 through 16. Otherwise, skip to step 17.
- \bigcirc Tap \bigcirc → Settings → Connections tab.
- Tap Connections → Add a new modem connection
- **(5)** Enter a name for the connection.
- In the Select a modem list, tap Bluetooth → Next.



- Make sure that the phone is discoverable. Some phones may also need to be pairable in order to accept a bonding request. For more information, see your phone documentation.
- If the phone appears in the My Connections list, skip to step 14. If not, tap New and follow the remaining steps.
- In the list, tap the phone and then Next.
- In PIN, enter a PIN of between 1 and 16 characters, and tap Next.
- 11 Enter the same PIN on the phone.
- If you want, in Name, edit the name of the phone.
- 13 Tap Finish.
- In the My Connections list, tap the phone, and then Next.
- Enter the phone number to dial for this connection and tap Next.
- In User name, Password, and Domain, enter the logon information for this connection and tap Finish.
- Start using the program that uses the Bluetooth phone connection; for example Inbox to send and receive e-mail, or Internet Explorer to browse the Web

Chapter 8

Messaging Features

- 8.1 E-Mail Messages
 - 8.2 SMS Messages
 - 8.3 MSN Messenger
 - 8.4 MMS Messages
- 8.5 Managing Messages and Folders

8.1 E-mail Messages : Using Inbox

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 device.



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

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:



- Open Inbox on your device, tap Accounts, and then New Account. Follow the directions in the New Account Wizard
- Fill in you e-mail address then tap Next.



Next will initiate auto-configuration which attempts to connect your Pocket PC Phone to your e-mail server and automatically download the necessary e-mail connection settings.

- If auto-configuration is successful you can immediately begin sending/receiving emails
- If auto-configuration is unsuccessful you will need to manually enter the settings.







3 Enter Your name, User name and Password, then tap Next.



- From the drop down menu select the Account type that your e-mail provider supports (POP3 or IMAP4).
- 5 Enter a Name for your e-mail account then tap Next.



Enter the your e-mail provider's server name information for Incoming mail and Outgoing mail, then tap Finish. When finished, to connect to your e-mail server, tap Accounts and then Connect.



For an explanation of a screen, tap square and then Help.



Sending and Receiving E-mail

You can use Inbox to send and receive e-mail messages in either of these ways:

- Synchronize e-mail messages with Microsoft Exchange or Microsoft Outlook on your PC.
- Connect directly to an e-mail server through an Internet service provider (ISP) or a network.

You also can use Inbox to send and receive SMS; it supports 8 bits of data with class 0, 1, 2, 3, and Unstructured Supplementary Service Data (USSD) as well.

a. Synchronizing E-mail Messages

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

During synchronization:

- Messages are copied from the mail folders of Exchange or Outlook on your PC to the ActiveSync folder in Inbox on your device. By default, you will receive messages from the past five days only, and the first 100 lines of each message.
- E-mail messages in the Outbox folder on your device are transferred to Exchange or Outlook, and then sent from those programs.

E-mail messages in folders must be selected in **ActiveSync** on your PC in order to be transferred



b. Connecting Directly to an E-mail Server

- Once your e-mail account is set up and you're connected, new messages will be downloaded to the device's Inbox folder, and messages in the device Outbox folder will be sent
- When you delete a message on your device that was downloaded from your e-mail server, it will also be deleted from the e-mail server the next time you connect.
- You can work online or offline. When working online, you read and respond to messages while connected. 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 e-mail server and then decide which messages to download completely. The next time you connect, Inbox downloads the complete messages you have marked for retrieval and sends the messages you have composed.

c. Using the Message List

- 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 to open it. Unread messages are displayed in bold.





c. Using the Message List (Cont'd)

- You can mark the messages that you want to retrieve in full during your next synchronization or e-mail server connection. In the message list, tap and hold the message you want to retrieve. On the pop up menu, tap Mark for Download. The icons in the Inbox message list provide visual indication of message status.
- Specify your downloading preferences when you set up the service or select your synchronization options. You can change them at any time:
 - Change options for Inbox synchronization using ActiveSync options. For more information, see ActiveSync Help.
 - Change options for direct e-mail server connections in Inbox on your device. Tap Tools and then tap Options. On the Account tab, tap the service you want to change. Tap and hold the service and select Delete to remove a service.



d. Creating an E-mail message



1 T

Tap New.

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



SMS messages can be sent by entering the SMS numbers in the To field.

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





Swap between e-mail accounts and SMS by tapping Account.

8.2 SMS Messages

SMS messages can be sent in two ways:

- Go to Inbox, open a new e-mail message and select SMS account in the Account type options.
- Or you can directly send in phone dialer in the Tools menu bar.

To send SMS in phone dialer:



- In phone dialer screen, tap Tools, and then Send SMS. A new message screen appears in Inbox
- In the To field, enter the SMS number of one or more recipients, separating them with a semicolon, or select a name from the contact list by tapping the Address Book be button.
- 3 Compose your message. To enter preset or frequently used messages, tap My Text and select a message.
- 4 Tap when you have finished the message. If you are working offline, the message is moved to the Outbox folder and will be sent the next time you connect.



SMS cannot be used to send e-mail messages. You can tap the double arrows next to the subject field to show the complete header. From the Account list, select an e-mail account.



If you are sending an SMS message and want to know if it was received, tap Edit, Options, and select Request SMS text message delivery notification before sending the message.







8.3 MSN Messenger : Instant Messaging

MSN®Messenger on your mobile device is an instant messaging program that lets you:

- See who is online.
- Send and receive instant messages.
- Have an instant message conversations with groups of contacts.
- Notifies contacts of your on-line status.
- Block contacts from seeing your status or sending you messages.

To use MSN Messenger, you must have a Microsoft Passport ™ account or a Microsoft Exchange e-mail account. Once you have obtained one of these accounts, you are ready to sign in to MSN Messenger.



If you have a Hotmail ® or MSN account, you already have a Passport.

- To set up a Microsoft Passport account, go to <u>http://www.passport.com</u>
- To set up a Hotmail account, go to <u>http://www.hotmail.com</u>

To switch to MSN Messenger:



Tap MSN Messenger → MSN Messenger





Setting Up and Signing In



Connect to the Internet using any methods outlined in Chapter 7 Getting Connected.

Tap anywhere on the MSN Messenger screen, enter your sign-in name and password then tap Sign in.

Or tap Tools → Options → Accounts tab to set your sign-in name and password by selecting **Enable MSN Messenger Service**



Your sign-in name is usually in the form : username@domain.com



If you already use MSN Messenger on your PC, your contacts will automatically appear on your device

Working with Contacts

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



To see others online without being seen, open the Tools menu, tap My Status and select Appear Offline. If you block a contact, you will appear offline but will remain on the blocked contact's list. To unblock a contact, tap and hold the contact, then tap Unblock on the pop up menu.







Tap and hold to display a pop-up menu of actions

Chatting with Contacts

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

Enter message here. -



View full chat.

Tap to send message

To know if the contact you are chatting with is responding, look for the message under the text entry area.



View status of the chat.

For more information on using MSN Messenger, tap and then Help.

8.4 MMS Messages

With MMS Composer, you can create and share your own MMS messages, complete with photos, videos, text, and audio

To access MMS Composer:



Tap M → Programs → MMS Composer.



2 The Today screen offers another way of accessing MMS Composer. You are automatically notified on this page if you have any new messages. All you need to do is tap the MMS messages line and the program will launch

Message Boxes

To view message folders:

When the program starts, it will take you to your message boxes. Use the pull-down to select the one you wish to view.

To view message options:

Within each message box, you can tap and hold on an individual message to see various options

Options	Explanations
New	Creates a new message.
Delete	Removes the message.
Reply	Lets you respond to the message by sending one of your own.
Reply All	Responds to everyone included in the initial message.
Forward	Sends the message to someone else.
Mark as Unread	Makes the message appear as if it is a newly received message.
Message Info	Displays various message information, such as the sender, the subject, the date and time it was sent, and the size.







To view and alter program settings:





Tap 5 \rightarrow Programs \rightarrow MMS Composer.



Tap $Tools \rightarrow Options \rightarrow Preferences$ tab .You have the following options:

Options	Explanations
Connect Via	Select your type of Internet connection from the pull-down list.
Connect to Server	Select your wireless server here.
Retrieve Messages Immediately	Typically, you receive a notification whenever a new message is available. Checking this box bypass the notification and download new messages automatically.
Size Limita- tions	You can sent the maximum size limit for messages that you send and receive.
No. of attempts before aborting	This value sets the number of times the program will attempt to send your message before stopping.

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Creating a Message

Messages are created by combining various slides. Each slide can consist of a photo or video, audio, and text.

To add a picture or video clip:



- Tap the blue box to select a specific location that contains photos/videos.
- Choose either Photos or Videos from this pulldown. You can only add either a single photo or video clip to each individual slide.
- 3 Tap the specific photo or video clip that you want to add, then tap ✓ Select.
- To take a new picture or video clip press the Camera icon . The picture or video clip will be automatically inserted.



To add text:

You can add text to any slide. You can either enter in new text with the keyboard, or use "canned" text. Canned text are previously saved words or phrases.



Tap in the **Insert text here** box then enter the text you want to send.

To insert canned text:



- Tap and hold in the Insert text here box until a menu pops up..
- Tap Insert canned text from the pop-up menu.
- 3 Select a phrase from the list and tap Select.
- To add new, edit or delete existing canned text, tap and hold on the canned text screen.





To add audio clips:

Single audio clips can be added to each slide. You can either include an existing sound file, or record a new one.

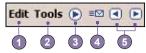


- Tap in the Tap here to insert an audio clip box.
- 2 From the drop-down menu select a location that contains audio files.
- Preview the audio files by tapping on them. Use the toolbar below to Stop and Play the file.
- To insert the clip tap . Otherwise, tap .
- To record a new audio clip tap the Record icon, then tap to start recording and to finish. The clip will be automatically inserted.



Menu Commands

The following commands are available along the bottom of the screen:







New Slide	To add a new slide, tap Edit, then New Slide.	
Delete Slide	To delete a slide, tap Edit, then Delete Slide	
Organize Slides	To change the order of the slides in a message, tap Edit, Organize Slides, then use your stylus to drag the slides to their new positions.	
Save in Drafts	To save as a draft, tap Edit, Save in Drafts	

2 Tools

Send Message	To send your message when you're ready (same as
Preview Message Previews your message (same as)	

- 3 E Previews your message (as mentioned directly above).
- Tap here when you're ready to send your message.
- 5 These buttons let you navigate through the various slides in your message.

Viewing a Message

You have several options when viewing a message that you receive:



Use the playback controls (Play/Pause, Stop) to view the message. You can pause it anytime during playback.



2 Tap Objects to see a list of each file. If you'd like to save a particular file, tap it, then choose Save from the Tools menu



You can also view the message components manually. Use the navigation buttons to scroll through the message. Use the options in the Save menu to save individual components you like.



Sending a Message

Now that you've finished creating your message and you've tapped the **Send** button, all you need to do is enter a little bit of information:



- ① Enter in the recipient's phone number → Tap To Phone to see your phone book.
- Enter in the recipient's e-mail address → Tap To E-mail to see your address book.
- 3 Enter in a subject of your message.
- When you're ready, tap Send. Otherwise, tap Cancel



Sending Options

- To manually set the date and time you want the message sent, uncheck the Send the message now box.
- To select how long you would like the message stored on the server, tap next to Expiration. The server will stop attempting to deliver the message once the time expires.
- To hide your identity, check the Send anonymously box.
- To change the resolution of a message, tap under Photo Resolution

8.5 Managing Messages and Folders

By default, messages are displayed in one of five folders for each service you have created: Inbox, Deleted Items, Drafts, Outbox, and Sent Items. The Deleted Items folder contains messages that have been deleted on the device. The behavior of the Deleted and Sent Items folders depends on the options you have chosen. In the message list, tap Tools and then Options. On the Message tab, select your options.

To organize messages into additional folders, create new folders by tapping Tools, then Manage Folders. To move a message to another folder, in the message list, tap and hold the message and then tap Move to on the pop up menu.

Folder behavior with a direct connection to an e-mail server

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





- If you use ActiveSync, e-mail messages in the Inbox folder in Outlook will automatically be synchronized with your device. You can select to synchronize additional folders by designating them for ActiveSync. The folders you created and the messages you moved will then be mirrored on the server. For example, if you move two messages from the Inbox folder to a folder named Family and you have designated Family for synchronization, the server creates a copy of the Family folder and copies the messages into that folder. You can then read the messages while away from your PC.
- Manu . Received Date .

 Manu . Received Date .

 Date . State .
- If you use SMS, messages are stored in the Inbox folder of SMS category.
- If you use POP3 and you move e-mail messages to a folder you created, the link is broken between the messages on the device and their copies on the mail server. The next time you connect, the mail server will see that the messages are missing from the device Inbox and delete them from the server. This prevents you from having duplicate copies of a message, but it also means that you will no longer have access to messages that you move to folders created from anywhere except the device.



If you use IMAP4, the folders you created and the e-mail messages you moved are mirrored on the server. Therefore, messages are available to you anytime you connect to your mail server, whether it is from your device or PC. This synchronization of folders occurs whenever you connect to your mail server; create new folders, or rename/delete folders when connected.



Chapter 9

Companion Programs

9.1 Pocket Word

9.2 Pocket Excel

9.3 Windows Media Player 9.4 Microsoft Reader

9.5 Pictures

Companion programs consist of Microsoft®Pocket Word, Microsoft®Pocket Excel, Windows Media Player for Pocket PC, and Microsoft® Reader and Pictures.



To switch to a companion program on your device, tap Programs on the Is menu, and then tap the program name.

9.1 W Pocket Word

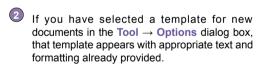
Pocket Word works with Microsoft Word on your PC to give you easy access to copies of your documents. You can create new documents on your device, or you can copy documents from your PC to your device. Synchronize documents between your PC and your device so that you have the most up-to-date content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

To create a new file:





Tap Manual → Programs → Pocket Word → and then New. A blank document appears.





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 save a document you create or edit in a variety of formats, including Word (.doc), 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 on the pop up menu.









- Select the folder type you want displayed in the list
- Tap to change the sort order of the list.
- 3 Tap to open a document.
- Tap and hold an item to see a pop-up menu of actions
- Tap to create a new documents.



You can change the zoom magnification by tapping View and then Zoom. 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 PC, select Wrap to Window on the View menu so that you can see the entire document.

Entering Information in a New File

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

a. Typing Mode

- Using the input panel, enter typed text into the document.
 For more information on entering typed text, see Chapter
 2.
- To format or edit existing text, first select it by using your stylus to drag through the text. You can search a document for text by tapping Edit and then Find/Replace.







Entering Information in a New File (Cont'd.)

b. Writing Mode

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



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.

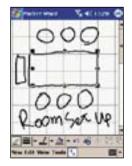
Written words are converted to graphics (metafiles) when a Pocket Word document is converted to a Word document on your PC.

c. Drawing Mode

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

d. Recording Mode

In recording mode, you can embed a recording into your document. Recordings are saved as .wav files. For more information on recording, see *Making a Recording in Chapter 2*. For more information on using Pocket Word, tap and then Help.



9.2 Pocket Excel

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

To Create a new Pocket Excel File



- Tap → Programs → Pocket Excel → and then New. A blank workbook appears.
- If you have selected a template for new workbooks in the **Options** dialog box, that template appears with appropriate text and formatting already provided.

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



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 save a workbook you create or edit in a variety of formats, including Pocket Excel (.pxl) and Excel (.xls).



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 choose one that is easy for you to remember but hard for others to guess.





Tips for Working in Pocket Excel

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

- View in full screen mode to see as much of your worksheet as possible. Tap View and then Full Screen. To exit full screen mode, tap Restore.
- Show and hide window elements. Tap View and then tap the elements you want to show 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.
- Show 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, and then Hide. To show a hidden row or column, tap Tools, then Go To, and then type a reference that are in the hidden row or column. Then tap Format, then Row or Column, and then Unhide





9.3 Windows Media Player for Pocket PC

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



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

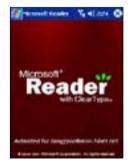
9.4 " Microsoft Reader

Use Microsoft Reader to read e-Books on your device. Download books from your favorite e-Book web site to your PC, then use ActiveSync to copy the files to your activated device. To open a book, tap it's title in the MS Reader Library.

- To switch to Microsoft Reader, tap → Programs, and then → Microsoft Reader.
- Page through the book by using the Up/Down control on your device or by tapping the page number on each page.
- Annotate the book with highlighting, bookmarks, notes, and drawings.
- Search for text and look up definitions for words.
- The Guide-book contains all the information you need to use the software. To open the Guide-book, tap Help
- Reader command bar. Or, on a book page, tap and hold on the book title, and then tap Help on the pop up menu.







Getting Books on Your Device

You can purchase and download book files from the Web to your PC and then synchronize them with your Pocket PC. However, before you can do this, you must

- Activated your device
- Have an activated copy of MS Reader on your PC
- Set up synchronization for Files in ActiveSync.



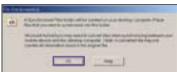
- Open ActiveSync on your PC → then check that you have selected synchronize Files. If you have done so it will appear under Information Type; if you have not, click Options, Sync options → tap Files and then OK from the pop-up menu. (The pop-up menu is telling your computer will create a folder in which you
- If you have not already activated your device, open your web browser, go to http://das.Microsoft.com/activate and

follow the instructions

must put files you wish to synchronize)

- Go to <u>www.microsoft.com/reader/shop.asp</u> for a list of retailers selling MS Reader e-Books.
- If you do not have a copy of MS Reader on your PC, go to one of the retailers listed above and download a free copy from their site; then activate it as described above.
- Go to one of the MS Reader e-Book sites, and follow the instructions for choosing, purchasing and downloading a book to your desktop.
- (5) Use Windows Explorer on your desktop to locate the MS Reader's My Library folder → and the Pocket_PC My Documents folder. Find the book title in My Library → and then copy it to Pocket_PC My Documents. ActiveSync will then download the files from your PC to your activated device.





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

Using the Library

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

a. To open the Library:



- 1 Tap → Programs → Microsoft Reader.
- On a book page, tap the book title, and then tap Library on the pop up menu.

b. To open a book:



Tap its title in the Library list.

Reading a Book

- Each book consists of a cover page, an optional table of contents, and the pages of the book. Navigation options are listed in the bottom portion of the cover page.
- Subsequently, whenever you open the book, you'll be automatically taken to the last page read.
- In addition to the text, each book page includes a page number and book title
- Page through a book by using the Up/Down control on your device.



Using Reader Features

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

- Select text by dragging across the text on the page. Then, tap an option on the pop up menu, as described below:
- Search for Text. Find text in a book by tapping Find on the pop up menu. Enter the word you want to search for, and tap the desired Find option. Reader highlights found text on the page. To close Find, tap outside the box. To return to your original page, tap the title and then tap Return on the pop up menu.

- Copy Text. You can copy text from books that support this feature into any program that accepts text. On a book page, select the text you want to copy. Then, tap Copy Text on the pop up menu. The text can be pasted into the program of your choice.
- Bookmarks. When you add a bookmark to a book, a color-coded bookmark icon appears in the right margin. You can add multiple bookmarks to a book. Then, from anywhere in the book, tap the bookmark icon to go to the bookmarked page.

Tap here to see the notes you have made.

Highlights. When you highlight text, it appears with a colored background.

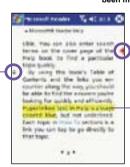


When you attach a note to text, you enter the text in a note pad that appears on top of the book page. A Note icon will display in the left margin. To show or hide the note, tap the icon.





Bookmarks have been made



Highlight the sentence you need, color can be changed as you like. Drawings. When you add a drawing, a Drawing icon appears in the bottom-left corner of the page, and drawing tools appear across the bottom of the page. Draw by dragging your stylus.



Tap here to change the color of pen you would like to draw.

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



Removing a Book

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



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

9.5

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Pictures

Pictures collects, organizes and sorts .jpg picture files on your device. You can download images to your PC, and then use ActiveSync to copy the files to your Pocket PC Phone. After that, you can view the images as a slide show.



Pictures can also be stored and transferred to your device from an MMC, SD or digital camera card. Insert a card into the memory card slot and then copy or drag the pictures from your PC to the My Documents directory on the memory card (If the memory card does not have a My Documents directory you must create one first).

Transferring Pictures

Pictures stored on your PC can be synchronized with Pictures on your device. Picture synchronization is not automatically selected in ActiveSync, you need to tap the sync option Files in ActiveSync on your desktop PC to activate this function.

Finding and listing pictures



- 1 Tap I → Programs → Pictures.
- Tap My Pictures and select a folder from the drop-down menu.

Viewing Pictures



- 2 Tap to view pictures stored in your My Picture folder.
- 3 Tap 1 to view pictures stored on a storage card.







- Tap anywhere on the screen to display the Slide show toolbar, which you can use to pause the slide show, rotate the view, and more.
- Press the Left / Right controls to move forward or backward through the slides.

Sorting Pictures



- 1 Tap 5 → Programs → Pictures.
- 2 Tap Name and select an option from the drop-down menu.



Deleting an Image



Hold the stylus firmly on the file name of the picture you want to delete, and then select **Delete** from the pop up menu.

Edit Pictures

You can rotate, crop, zoom and adjust the brightness and color contrast of your .jpg pictures.



- Tap to rotate a picture 90 degrees counterclockwise.
- 3 Tap \(\bigcap \) to display the Zoom panel, from which you can zoom in or out of a picture, or return a picture to full-screen size.
- Tap Edit → Brightness and Contrast to adjust the brightness and contrast levels of a picture.



Tap Edit \rightarrow Undo to undo an edit.









Set Pictures as Background

You can use one of your own.jpg pictures as the background on the Today screen, and specify how you want it displayed on the screen, such as adjusting the transparency level.



- In Pictures, tap the picture you want to set as the background.
- 2 Tap Tools → Set as Today Wallpaper.



The default setting for the transparency level of the background picture is 65%. To change the setting, tap the option **Set as Today Wallpaper**.

Customizing Pictures

You can opt to launch the Pictures program automatically when a digital camera storage card is inserted and decide on a time delay length between slides when showing a slide show

a. To select launch automatically:



- 2 Tap Tools → Options → then General.
- 3 Then check the box next to Detect digital camera storage cards.

b. To select the time delay between slides:



- 1 Tap → Programs → Pictures.
- 2 Tap Tools → Options → then Slide Show.
- 3 Select a number of seconds then tap **OK**.







Chapter 10

Using Your Camera

10.1 Before Using the Camera 10.2 Camera 10.3 Album

sing Your Camera

10.1 Before Using the Camera

With Camera Wizard, you can use the attached camera on the back of your device to snap new photos or shoot video clips with accompanying audio. With Album, it provides many powerful features to manage, organize, and manipulate the image, video, and audio files.

When in Image Capture mode, you can capture standard still images. In Composition Capture mode, you can place your captured images into attractive frames (templates). Or, switch to Video Capture mode and capture "live" video streams (with audio if desired), then share them with others or play them on your own Pocket PC phone, desktop PC, or whenever you want. You can even send the captured files via E-mail, or via MMS. Just Snap and Send a newly-captured image, or Select and Send an existing image.

Of course, you can also get image, video, and audio files from received E-mail, a Storage Card, infrared beaming, or synchronized from a PC via ActiveSync, and organize them into albums and Slide Shows.

File formats supported

File formats that you can browse and view / play in Album include:

File Type	Formats
Still-image formats	BMP GIF JPEG
Animation format	Animated GIF
Video formats	Motion-JPEG AVI (.avi) MPEG-4 Simple profile (.mp4) 3GPP-H.263 baseline (.3gp)
Audio formats	MPEG-4 AAC (Advanced Audio Coding in .mp4 format) AMR-Narrow Band (in .mp4 and .3gp format) WAV MIDI (standard MIDI type 0,1, and SP-MIDI)





You can set an audio file to be used as your Pocket PC phone 's ring tone. For more information about ring tone settings, please see *Chapter 5*.

You can use Camera to capture files in the following formats:

File Type	Formats
Still-image formats	BMP JPEG
Video formats	Motion-JPEG AVI (.avi) MPEG-4 Simple profile (.mp4) 3GPP-H.263 baseline (.3gp)
Audio formats	AMR-NB (Adaptive Multi-Rate Narrow Band)

10.2 Camera

There are two ways to enter the Camera mode :





Tap → Program → Camera.

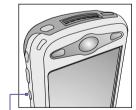


Or just press the lowest button on the left side of your device.

When you initially enter Camera mode, the Image Capture submode will be active. The icon at the right side of the LCD Display area indicates the current submode. After starting one, you can easily switch to the other, if desired.

- Image Capture submode (capture still images)
- Video Capture submode (capture video clips)
- Composite submode (capture still images and place in frame)





Press to enter the Camera mode

Using Your Camera

Usage of Buttons in Camera Mode

When in Camera mode, you can press the following buttons on your Pocket PC Phone as a shortcut to performing various functions.

Orientation toggle -

By default, the orientation of the LCD Display Panel and the incoming video stream are arranged in a Portrait display. Press this button to change to a Landscape orientation.

Capture button -

Press to launch camera capture utility. Press again to take a picture in still image capture mode. If in Video Capture submode, press this button to start recording the incoming video stream, and press it again to stop the recording process.

Press to toggle the Camera Settings
screen open and closed. If the
screen is open and you have made
changes to the settings, press to
save the settings before closing
the screen

Capture/Selects
Camera mode - Capture:
Press to capture a still image.
If in Video Capture submode,
press to start recording,
and press again to stop the
recording.
Confirm mode - Selects icons:

Press to confirm the options you have select.

Left and Right Buttons -

Select template:

If in Composition Capture submode, press to select the previous or next template.

Select icons:

If in **Confirm** mode (after capturing an image or video), press to highlight the previous or next icon.

■ Up and Down Buttons

Press to **Zoom In/Out** the incoming video stream.

When in Image Capture submode, you can capture a single still image by either pressing the Capture button on your Pocket PC, or by pressing the Action button. This captures the current content shown on your screen, and saves it to a file immediately using your currently specified filename convention in Options. You can choose JPEG or BMP as the output format for saved image files, among other settings in Options.

Components of the LCD Display Panel in Image Capture submode are identified below.

Incoming video stream is shown using the entire Pocket PC screen. (Icons superimposed on the screen are not saved with your captured images/videos.)

The Camera Wizard automatically calculates how many more photos you can capture, according to your current settings and how much memory you have left. In this example, 141 more images can be captured with the current settings and space available. This counter automatically updates after you take a picture, or if you change the Capture Size setting.

A green icon indicates a cameraready state. If red (when in Image Capture submode), it indicates that an image capture is currently in progress.

The current Capture Size:

- \blacksquare L = Large (480x640)
- M = Medium (240x320)
- \blacksquare S = Small (120x160)

The current Ambience setting. In this example, A indicates that it is set to Automatic (the default).



Exits Camera mode and returns to the previous Screen.

Indicates that you are currently in Image Capture submode. Tap to switch to:

Video Capture

Opens the Camera Settings screen. Tap to switch to Thumbnail View of Album mode.

The current Zoom setting.

1.0x indicates normal size (see the Zooming In/Out section).



Most of the above settings in the LCD Display Panel can be changed using the Camera Settings screen. Tap on the Camera Settings icon shown above to display the Camera Settings screen (illustrated and explained later).

If the Review file after capture checkbox is currently checked in the Options → General screen, then immediately after you capture an image, it will be displayed on the screen along with four icons.



- To return to the previous screen, tap the Camera icon
- To immediately send a captured image/video, tap the mail icon then select an option from the Send File dialog box.
- To delete the image press the rubbish bin option.
- To view and edit the picture tap the Album icon (for edit options see Album.)



Confirm mode screen:



Zooming In/Out

When in Video Capture submode or Image Capture submode, you can press the Up navigational button on your Pocket PC to Zoom In the incoming video stream. Each time you press the "Up" button, the enlargement increases by .2 (1.0, 1.2, 1.4, etc.). When the Zoom limit has been reached for the current mode/capture size, a beep will sound.

Different maximum limits are available for Zooming, depending on the current **Capture** mode, and also depending on the current **Capture** Size. The table below summarizes the Zoom function availability.

Submode	Capture Size Setting	Zoom Available	Remarks
Video	Large (240 x 320)	1.0x to 2.0x	1x = normal size (no Zoom)
Capture	Medium (144 x 176)	1.0x to 3.0x	2x = double enlargement 3x = triple enlargement
	Small (96 x 128)	1.0x to 4.0x	4x = quadruple enlargement
Image Capture	Large (480 x 640)	1.0x (no Zoom available)	
	Medium (240 x 320)	1.0x to 2.0x	
	Small (120 x 160)	1.0x to 4.0x	
Composition Capture	N/A	1.0x to 2.0x	

Video Capture submode

To start video recording:



- Tap the Camera or composite icons until the video capture icon appears.
- Press the Capture button on the left side of your Pocket PC, or the Action button.
- 3 To stop recording, press it again. The first frame of the newly-captured video file will be displayed, and the four icons (shown and explained earlier) will be available.

Video capture output format: Motion-JPEG AVI file format, or H.263, or MPEG4, depending on what you specify in the Video tab of Options. Components of the LCD Display Panel in Video Capture submode are identified below.

Incoming video stream is shown using the entire Pocket PC screen.

The Camera Wizard calculates how much time is still available for capturing more video clips, according to your current settings and how much memory you have left. In this example, 7 minutes and 8 seconds are available for new video capture. This counter automatically updates after you capture a video, or if you change the Capture Size setting.



When video capture is in progress, this indicator functions as a time counter which displays the number of minutes/ seconds that have elapsed during the current recording

A green icon indicates a cameraready state. If red (when in Video Capture submode), it indicates that video recording is currently in progress.

The current Capture Size:

- *L* = *Large* 240x320
- *M* = Medium 144x176
- S = Small 96 x128

The current Ambience setting. In this example, the icon indicates that it is set to Daylight.



Exits Camera mode and returns to the previous Screen.

Indicates that you are currently in Video Capture submode. Tap to switch to:



Camera mode



Composite

Opens the Camera Settings screen.

Tap to switch to
Thumbnail View of
Album mode.

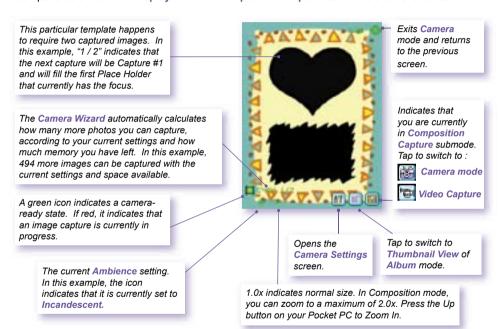
The current Zoom setting. In this example, the display has been enlarged to 2.6 times the normal size.

Jsing Your Camera

Composition Capture submode

The Composition submode lets you choose a template in which you can place one or more images. You can think of a template as a type of frame in which you would insert a photograph. A few templates are already included with your Camera Wizard, in the subfolder named \My Documents\ Templates. You can download additional templates for free from http://www.iastyle.com.

Components of the LCD Display Panel in Composition Capture submode are identified below.





Most of the above settings in the LCD Display Panel can be changed using the Quick Camera Settings screen. Tap on the Quick Camera Settings icon shown above to display the Quick Camera Settings screen (illustrated and explained later).



- 1 Enter Composition Capture submode.
- Press the Right navigational button on your Pocket PC to load the next sequential template, or the Left button to display the previous.
- Or, tap the Camera Settings icon in the LCD Display Panel to display the Camera Settings screen
- The Template field is available in the screen only when the screen is opened from Composition Capture mode. You can select the desired template from the drop-down list in the Template field.
- 5 You can tap the Browse button to view the detailed information of the template name along with the resolution in pixels, and the number of pictures needed to fill that template.
- To change the folders so that you can access templates from a different folder, tap the Change.. button.









- If the chosen template requires more than one captured image, the incoming video stream will be visible in only one of the Place Holders. The first captured image will be put into the active Place Holder. The focus will then switch to another Place Holder in the template. Likewise, the next captured image will then be placed into that Place Holder.
- If, for example, the template requires two captured images, the LCD Display Panel will display "1/2" initially. After capturing the first image, the LCD Display Panel will display "2/2" to indicate that the next captured image will be the second only.



Ising Your Camera

Camera Settings screen

When in any of the capture submodes (Image, Video, or Composition), you can tap if to display the Camera Settings screen. Or, you can press the upper right button on the front of your Pocket PC.



The Template drop-down list and the Browse... button are available in the Camera Settings screen only when Composition is selected in the Capture mode field.

Icons on the menu bar



- Access the Help Messages for Camera Wizard and automatically displays an illustration of the usage of the buttons on your Pocket PC.
- Switches to the Thumbnail View of Album mode.
 - 3 Switches to the **Detailed View** of **Album** mode.



Settings	Explanation
Capture Mode	Select the mode - Image, Video, or Composition - you want to create settings for.
Capture Size	The choices for Capture Size will be different, depending on whether you are in Image Capture submode or Video Capture submode. Higher Capture Size settings produce larger file sizes.
Ambience	Open a drop-down list that lets you easily adjust the Capture screen to look its best in various environments.
	If you select Effects in the Ambience field, an additional drop-down list of options is available. These options also affect the appearance of the incoming video stream : Grayscale (black and white)
	Sepia (reddish tint)
	Cool (bluish tint)
	 Negative (darkness and lightness reversed)

After you have adjusted the settings as described below, you can either tap the **OK** button or the **Start Camera** button to return to the previous (capture) mode.

Tools Menu

The Tools Menu provides many more settings that let you customize the behavior of Camera mode functions.

a) Adjust...



- Tap Tools and then Adjust... below. In the dropdown list of the Property field, you can select Contrast, Saturation, Brightness, Gamma or Sharpness.
- 2 Use the Slider Bar to adjust the value.



The incoming video stream displayed on your screen will immediately show the effect of any changes you make.

Select Reset if you wish to reset all properties to their original default values. Tap OK to save changes and return to the Camera Settings screen

b) Options...

The Options screen contains three tabs: General, Image, and Video.

- General tab

The General tab is shown below. These options are mostly self-explanatory. However, note that Flicker Adjustment refers to the electrical voltage used in your country.



The drop-down list of the Ambience

Contract	
Saturation	
brightness.	
Gamma	
Sharp	



Using Your Camera

- Image tab

These options affect only your **still image** captures.





Options	Function
Prefix Type and Prefix String	By default, the filename of each new captured image file will be image followed by a sequential number, for example: image_00001.jpg. If you wish to change this prefix to a different arbitrary text string, select String in the Prefix Type field and type the desired characters into the Prefix String field. For example, entering "party" in the Prefix String field would produce the filename party_00001.jpg. Alternatively, you can choose Date or Date and Time as the Prefix Type.
Capture Format	You can choose for your captured still images to be saved in either the JPEG file format or the BMP file format.
Counter Index	By default, sequential numbers are automatically incorporated into each filename for all new image files you capture, such as 00000, 00001, 00002, etc. The number follows the Prefix (explained above). To reset the numbering to "00000" for your captured image files, tap Reset counter.
Folder	By default, your captured image files will be saved to your \My Documents\My Pictures folder. The current Save folder is displayed in the Image tab. If you wish to change the Save folder, tap the Change button. Select the desired folder, then tap OK.

- Video tab

The options on the Video tab affect only your captured video files.

Options	Function
Prefix Type and Prefix String	By default, the filename of each new captured video file will be "video" followed by a sequential number, for example: video_00001.avi. If you wish to change this prefix to a different arbitrary text string, select String in the Prefix Type field and type the desired characters into the Prefix String field. For example, entering "vacation" in the Prefix String field would produce the filename vacation_00001.jpg. Alternatively, you can choose Date or Date and Time as the Prefix Type.
Format	You can choose for your captured video clips to be saved in either the Motion-JPEG AVI, H.263 (3GP), or MPEG4 file formats.
Counter Index	By default, sequential numbers are automatically incorporated into each filename for all new video files you capture, such as 00000, 00001, 00002, etc. The number follows the Prefix (explained above). To reset the numbering to "00000" for your captured video files, tap Reset counter.
Recording Limitation of Video Size	If you wish to limit video captures so that the capture automatically stops when a certain file size is reached, select the Limited to Kilobytes button, then enter the desired number in the text box. If you don't want to limit the file size, select the Limited by available storage space button (the default). This means video capture will continue until your available storage space is all consumed.
Recording with Audio	When this checkbox is checked, audio will be recorded with your captured video clips. It is checked by default. Any videos captured when the checkbox is not checked would be silent (no accompanying audio).
Folder	By default, your captured video files will be saved to your \My Documents folder. The current "Save" folder is displayed in the Video tab. If you wish to change the "Save" folder, tap the Change button. A "tree view" of your existing folders will be displayed. Select the desired folder, then tap OK.

Jsing Your Camera

10.3 WAlbum

Select the **Album** icon in your Pocket PC Phone Edition's *Programs* group to view image and video files, and to play audio files. Three view modes are available: **Thumbnail view**, **Detailed view**, and **Slide Show view**.

To enter Album mode.



- 1 Tap → Program → then tap
- 2 Or, tap the Album icon in Camera mode.



Thumbnail View Mode

The first time you enter Album mode, Camera Wizard's Thumbnail View mode will be invoked. By default, your \My Documents\My Pictures folder will be searched initially.



- You can manually change the position of a thumbnail simply by pressing your stylus on it and then dragging it to the desired location.
- To select multiple thumbnails, press your stylus in an empty part of the screen, then drag your stylus across all thumbnails you want to include in the multi-selection



Current folder is shown here. Tap this field if you want to search a different folder.

Normal

Small

✓ Tiny List

Size

Date

Type

Reverse

- Tap to select a different thumbnail size.
- To change the way the thumbnails are sorted, tap here.
- This speaker icon indicates that audio annotation has been recorded and associated with this file.



- Tap to switch to Camera mode.
- Tap to switch to Slide Show view.
- Tap to switch to **Detailed** view. (Or, tap directly on a thumbnail to load that file into Detailed View.) If an audio or video file, it will begin playing.
- A letter icon in lower left corner of thumbnail indicates various meanings:
 - A indicates that text annotation has been associated with this file
 - G indicates an animated GIF file
 - V indicates that it is a video file



- To open a convenient pop-up menu that contains frequently used commands, press your stylus on the thumbnail you want to operate on.
- To see a still image full-screen, or to play a video or audio file, tap the desired thumbnail

To make an annotation on your file:

This command lets you add (or remove) text or audio annotation for a file. The associated text and/or audio recording can then be set to display/play during a Slide Show.



In the Thumbnail View mode screen, Select the desired file → then select the Annotate... command from Edit menu.



- After text annotation has been added, an 🖪 icon will be shown in the thumbnail. A separate text file will be created for that text
- After audio annotation has been added, an icon will be shown in the thumbnail. A separate audio file, in the WAV file format, will be created

List View:



The pop up menu when you tap and hold on a thumbnail.





- If you wish to associate text with the file, enter it in the text box
- 3 To create an audio recording (either voice or music) as an annotation using your built-in Pocket PC microphone,tap to begin recording, tap to stop recording.



If an audio recording already exists and you then tap the **Record** button, there is no warning confirmation. Your previous recording will be instantly lost and overwritten by the new recording. If you have tapped **Remove Voice** by accident, simply tap **Cancel** (this cancels the removal operation so that the audio is retrieved).

Sending MMS, E-mail in Album



- First select the desired file → tap Tools → then select an option from the menu.
- Pollow the relevant procedures for sending that type of message.



In addition, if you have an MMS client, the menu will contain the Send via MMS command.

To set audio files as Ring Tones:

Simply select the desired file, then select **Set as Ring Tone** from the Tools Menu (or the menu that pops up when you tap-and-hold on a thumbnail). The previous ring tone will be immediately replaced. A message will display the filename and confirm that the operation was successful.





Assign to Contact

This command allows you to assign an image as a Photo ID to a Contact entry in your Pocket Contacts.



- 1 Choose the image you want to use as a Photo
- Select Assign to Contact. The Photo Contacts application will be invoked. The Contact entries in your Pocket Contacts will be displayed.
- Select the Contact entry to which you want to assign the Photo ID, and assign the desired attributes as you normally would in Photo Contacts (Photo only, or photo with template, etc.).
- The Photo Contacts Preview screen will show you a preview of how the Photo ID setup looks. After you save it, Photo Contacts will exit, and you will automatically be returned to Camera Wizard.

Options in Album Settings



To change the settings when using Album, tap Options from the Tools menu. Two tabs are comprised: General and Slide Show.



- General tab

Function	Explanation
Default zoom	The setting in the Default Zoom field controls the size of the selected file when it is initially displayed in Detailed View . If set to Smart , the Camera Wizard will automatically calculate the best size in which to display the file on the screen. However, if you want files to always be initially displayed in their original size, select Original Size from the drop-down list box. If you want Camera Wizard to automatically display selected files so that they fit within the screen, select Fit In Window .

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Function	Explanation
Auto rotate	If None is selected, no automatic rotation will take place when a file is displayed in Detailed View (but you can still rotate the display manually using the Rotate Clockwise and Rotate Counterclockwise icons on the Toolbar in Detailed View). Select Left to automatically rotate images 90 degrees to the left in Detailed View, or Right if you want rotation to occur 90 degrees to the right.
Animation speed	The setting in the Animation Speed field controls the speed at which animated GIF files will be played. By default, this is set to Normal . You can select Faster , Slower , or No Delay from the drop-down list.
Keep backlight on while playing video	If you have set your Backlight to dim after a certain number of seconds, you can override it by checking this checkbox. This ensures that the Backlight will not dim during your video playbacks.
Adjust Gamma	The Adjust Gamma setting controls image brightness/darkness. The minimum setting of 0.01 will cause images to display very dark. The maximum setting of 3.00 will cause them to display very light ("wash out"). If you change this setting, you can conveniently reset it to 1.00 by tapping the Reset button. This feature assists you in viewing an image more easily under different lighting conditions.

Slide Show tab

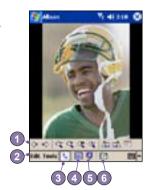
These settings control only the behavior of Slide Show view mode. These options are mostly self-explanatory, just choose the item you need and follow the relevant procedures for the way you want the Slide Show to work.



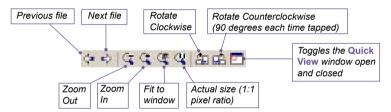
Detailed View mode displays the selected file in an enlarged view, and you can further manipulate the view in various ways (zoom, rotate, pan, etc.).



- 1 Toolhar
- 2 Command Bar
- 3 Hide or display the Toolbar.
- 4 Switch to Thumbnail view
- Switch to Slide Show view.
- Switch to Camera mode



Icons on the Toolbar



Images too big for screen



- Whenever the image is too large to be shown in the display area in its entirety, you can simply press your stylus anywhere in the display area and drag, to interactively quick-pan the image to any desired position.
- Alternatively, you can open the Quick View window as shown on the right, by tapping the Quick View icon on the Toolbar. The dotted outline within the Quick View window shows the currently displayed portion, in relation to the entire image. Drag the outline within the Quick View window to the desired position, or tap within the Quick View window to jump the outline to a different position. When satisfied with the position, tap the Quick View icon again to close the Quick View window.



Using Your Camera

To set as Today Wallpaper:

This command allows you to change the background image of the Today screen on your Pocket PC to any image you want



- In Album, tap to open a video file or image you want to use as the image for the wallpaper.
- If desired, you can manipulate it in any way you wish: Zoom In or Out, Rotate, Pan, etc. The exact state of the image as displayed on your screen will be used as the Today screen image.





Likewise, if you have chosen a video file and do not wish to use the first frame of the video as the wallpaper, you can start playing the video and then open the **Tools Menu** at the frame you want to use. (The video is paused when the menu is open.)



Select Set as Today Wallpaper. The message "The Today screen background image has been successfully changed" will display.

To Reset the Today Screen back to the Default Wallpaper:

If you later decide that you want to re-set the Today screen back to the original default background,



Tap \bigotimes \rightarrow Settings \rightarrow Today icon in the Personal tab \rightarrow Select Windows Default in the list \rightarrow then make sure the Use this picture as the background checkbox is checked \rightarrow Tap OK.



Slide Show View

When in Thumbnail View or Detailed View, you can tap the icon in the Command Bar to enter Slide Show mode.

In Slide Show mode, all image, video, and audio files will automatically be displayed/played, one after another. If video and audio files are encountered during a Slide Show, they will be played once, and then the next file in the Slide Show will be displayed/played. However, you can play it over again manually if desired.

Tapping anywhere on the screen will momentarily display the Toolbar.

You can choose to display your annotated text during a Slide Show, or the filename, or no text at all. You can also change font color, size, position, etc., as we have done in this example.

Tap to re-display the previous file. Tap repeatedly to quickly Rewind to the desired file. (The three leftmost icons become available after Stop has been tapped.)

Tap once (or repeatedly) to Fast Forward to the next sequential files.

Tap to resume playing a **Slide Show** that has been stopped.



Exits Slide Show mode and enters Detailed View mode

Exits Slide Show mode and enters Thumbnail View mode

Stops playback and stays on the current slide, but does not exit Slide Show mode (pseudo-pause).

Slide Show Properties. Lets you set Transition Effects, Rotation, Text display, Audio, Delay Time between slides (for image files), Random or forward-sequential display, etc. in the Slide Show Options screen..

Appendix: A

Maintaining Your Pocket PC

- Adding or Removing Program
 - Managing Memory
 - Backing Up Files
- Resetting your Pocket PC Phone and Clearing Memory

Adding or Removing Programs

Programs added to your device at the factory by default are stored in ROM (read only memory). You cannot remove them, and you will never accidentally lose them. You can install any other programs created for your device, as long as your device has enough memory. The most popular place to find software for your device is on the Pocket PC Web site http://www.microsoft.com/mobile/pocketpc.

To add programs using ActiveSync:

You will need to install the appropriate software for your device on your PC before installing it on your device.



- ① Download the program to your PC (or insert the CD or disk that contains the program into your PC). Be sure to select the program designed for the Pocket PC and your device process or type.
- Read any installation instructions, or documentation that comes with the program. Many programs provide special installation instructions.
- 3 Connect your device and PC.
- 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 PC, the installer will automatically transfer the software to your device.
- If the file is not an installer, you will see an error message stating that the program is valid but it is designed for a different type of PC. You will need to move this file to your device. If you cannot find any installation instructions for the program in the Read Me file or documentation, use ActiveSync Explore to copy the program file to the Program Files folder on your device.

Once installation is complete, tap \longrightarrow Programs \rightarrow and then its program icon.



To add a program directly from the Internet:



- Determine your device and processor type so that you know which version of the software to install.
- Download the program to your device directly from the Internet using Pocket Internet Explorer. You may see a single *.xip, *.exe or *.zip file, a setup.exe file, or several versions of files for different device types and processors. Be sure to select the program designed for the Pocket PC and your device processor type.
- Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
- Tap the file, such as a *.xip or *.exe file. The installation wizard will begin. Follow the directions on the screen

To remove a program:



Tap Mag → Settings → System → Remove Programs.



- You can only remove programs that you installed in storage memory. Programs that came with your device cannot be removed.
- You can quickly return your device to the factory default configuration by clearing all memory. All data will be lost. For instructions, see the details later in this chapter.



Managing Memory

Memory on your Pocket PC Phone is shared between storage memory and program memory. Storage memory is used to store the information you created and programs you installed. Program memory is used to run programs on your Pocket PC Phone. Pocket PC Phone automatically manages the allocation between storage and program memory.

To view memory allocation and availability:



Tap \longrightarrow Settings \rightarrow System tab \rightarrow and then tap Memory icon.

Finding Space in Storage memory

In some situations, such as when memory is low, your Pocket PC Phone may not be able to automatically adjust the allocation. If you receive a message stating that storage or program memory is unavailable, try the following solution:

a. Move data to a SD storage card



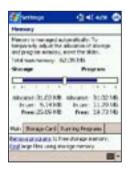


Tap Programs → and then File Explorer.



Tap and hold the file you want to move, and tap Cut. Open the My Documents folder in the storage card folder, tap Edit, and then tap Paste

Files stored in folders other than My Documents or stored in folders within sub-folders in My Documents may not show up in the list view of some programs. When using Notes, Pocket Word, or Pocket Excel, you can also move files by opening the item and tapping Tools or Edit and then Rename/Move.



b. Move e-mail attachments



- On Inbox → tap Tools → and then Options.
- On the Storage tab, select Store attachments on storage card then tap OK. All existing attachments are moved to the storage card, and new attachments are automatically stored on the storage card.



c. Save new items on the storage card

Set programs such as Notes, Pocket Word, and Pocket Excel to automatically save new items on the storage card.



- In the program → tap Tools → and then Options.
- 2 In the Save to field select Storage Card.

Implement () 4(500 C) Options Collast template Blank Dissement () Severe () Second ()

d. Delete unnecessary files



- Tap → Programs → and then File Explorer.
- Tap and hold the file, and then tap Delete on the pop up menu.



To find your largest files, tap and then Find. In the Type list, tap Larger than 64 KB, and then tap Go.

e. Delete all files and clear history in Internet Explore



In Internet Explorer, tap Tools and then Options. Tap Delete Files and Clear History.



Backing Up Files

Because any new programs or data are stored in RAM, and therefore will be lost if your device loses power for any reason, it is critical that you backup files to your **computer**, or a **memory card**. When you are at your desktop you can synchronize with your computer to backup files, however, if you are going outside and unable to access your desktop, you will need to backup files to an SD or MMC card. Your device enables you to backup individual files in Word or Excel or all files in SD backup. Further more, you can also backup and then restore **Contacts**, **Calendar**, **Internet** and **E-mail** Settings.

SD and MMC Cards

Your device has an expansion slot compatible with a range of SD and MMC Memory cards, which are primarily used to backup or transfer files and data.

To insert or remove a memory card:



- Push the memory card into slot until it clicks into place. The card is secure when it is not protruding from the base
- To remove the card push it in and then release, letting the card spring out.

When you receive your device there will be a piece of plastic in the slot: remove as described in "2" above.

To save Word or Excel files to a memory card :



- Push the memory card into the slot until it clicks into place. The card is secure when it is not protruding from the base.
- ② In application programs (e.g. Pocket Word or Excel), press Tools → Options.
- 3 Tap the drop down menu box under Save To and select Storage Card.





Backup or restore your system using xBackup:



- Tap → Programs → xBackup → then the Backup or Restore tab.
- If you have inserted the SD card properly it will appear next to Target by tapping Open and select Storage Card under the task bar.
- 3 Make sure there are no application programs running, then tap **Start**.



Backup or restore your system via ActiveSync



- 1 Double click the icon of ActiveSync in the task bar of your PC.
- 2 Select Backup/Restore option in the dropdown menu of Tool in ActiveSync.
- Select the Backup tap to backup your system; if necessary; Select the Restore tab to restore your system if necessary.



Reset the Pocket PC Phone and Clear Memory

You can perform a **soft reset** or a **full reset**. During a **soft reset**, the device is restarted and only some data in open programs may be lost. However, a **full reset** turns the battery off and returns the device to its original factory settings and deletes all programs, files, contacts and other information you have saved to the device. Therefore it is extremely important to backup data to a storage card or your computer on a regular basis in the event that a **full reset** has to be performed.

To perform a soft reset:

If your Pocket PC Phone responds slowly stops responding or freezes, try a **soft reset**. A **soft reset** causes the Pocket PC Phone to restart and re-adjust memory allocation. Unsaved data in open windows may be lost.



Use the stylus to press and hold the Reset button.



To perform a full reset:

A full device reset clears memory, deletes all data and restores the Pocket PC Phone to its default settings. Programs installed at the factory remain, while data you have created and programs you have installed are all erased.



Press and hold the power button, and then use stylus to press the soft reset button at he same time.



Be sure you have backup all your data in a SD card or in your PC before performing a full reset.



Appendix: B

Regulatory Notice

- Regulatory Agency Identification
 - European Union Notice
 - FCC Compliance Statement
 - Important Health and Safety
 Information

Regulatory Agency Identification Numbers

For regulatory identification purposes your product is assigned a model number PH10x.

The following accessories have been approved for use with your device. Their assigned model numbers listed below can identify these approved accessories. To ensure continued reliable and safe operation of your Pocket PC Phone, use only the accessories listed below with your PH10x.

Accessories	Model Number
Cradle	PH15x
CF Back Pack	PH16x
Battery Pack	PH17x



- The above X may be any alphanumeric character or blank denoting external cosmetic changes.
- This product is intended for use with certified Class 2 Limited Power Source, rated 5 VDC, minimum 2A power supply unit.

European Union Notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (in brackets are the equivalent international standards):

■ EN 60950 (IEC 60950)
Safety of InformationTechnology Equipment.

ETSI EN 301 511

Global system for mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements of article 3.2 of the R&TTE directive (1995/5/EC)

ETSI EN 301 489-1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

■ ETSI EN 301 489-7

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and protable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)

■ ETSI EN 301 489-17

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

ETSI EN 300 328

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques.

- GSM11.10
- ANSI/IEEE C.95.1-1992

Specific absorption rate in mobile phone emission condition for body health

EN50360, EN50361 for SAR

FCC Compliance Statement

■ FCC part 15 and part 24

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (!) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

- **FCC ID: NM8 HIMALAYAS**
- Statement according to FCC part 15.105

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

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

RF exposures

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements may differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only High Tech computer, Corp. approved accessories. When carrying the phone while it is on, use the specific High Tech computer, Corp. supplied or approved carrying case, holster, or other bodyworn accessory.

Use of non High Tech computer, Corp. approved accessories may violate FCC RF exposure guidelines and should be avoided.

Important Health and Safety Information

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

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

a) General Precautions

Heed service markings

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

Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service technicians or provider under the following conditions:

- Liquid has been spilled or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

Avoid hot areas

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

Avoid wet areas Never use the product in a wet location.

Avoid pushing objects into product

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

■ Mounting Accessories

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

Avoid unstable mounting

Do not place the product with an unstable base.

Use product with approved equipment

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

Adjust the volume

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

Cleaning

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

b) Safety Precautions for Power Supply Unit

Use the correct external power source

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

Handle battery packs carefully

This product contains a Li-ion Polymer battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack.

Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60¢XC (140¢XF).







Warning: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY RE-PLACED. TO REDUCE RISK OF FIRE OR BURNS, DO NOT DISASSEMBLE, CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS, HEAT ABOVE 100 (212), OR DISPOSE OF IN FIRE OR WATER. REPLACE ONLY WITH SPECIFIED BATTERIES. RECYCLE OR DISPOSE OF USED BATTERIES ACCORDING TO THE LOCAL RE-GULATIONS OR REFERENCE GUIDE SUPPLIED WITH YOUR PRODUCT.

c) Exposure to Radio Frequency (RF) Signals

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

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

*In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

d) SAR Information

SAR: 0.271 W/kg @10g (Europe),

0.612 W/kg @10g (Australia),

0.468 W/kg @1g (Taiwan),

0.726 W/kg @1g (USA)

THIS MODEL DEVICE MEETS THE GOVERN-MENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

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

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986

- International Commission on Nonlonizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety
 Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile GSM phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg*.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory that contains no metal and that position the antenna of the GSM phone a minimum of 1.5cm from the body. The SAR values of this GSM phone are 0.726 W/g (body) and 0.362 W/g (head). Use of other accessories may not ensure compliance with the FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: NM8 HIMALAYAS. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site as https://www.devicefacts.net.

* In the U.S. and Canada, the SAR limit for mobile GSM phone used by the public is 1.6Watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

e) Important Safety Precautions

When using this product, the safety precautions below must be taken against possible legal issues and damages.

■ ELECTRICAL SAFETY

This product is intended for use when supplied with power from the battery pack PH17x. Other usage will invalidate any approval given to this product and may be dangerous.

■ SAFETY IN AIRCRAFT

The interference would be caused by this product to an aircraft's navigation system and its network. In most countries, using this product on board an airplane is against the law.

■ SAFETY FOR ENVIRONMENTS

Do no use this product in gas stations. Also the use of this product is prohibited in fuel storehouse, chemical plants and locations containing explosives.

SAFETY ON THE ROAD

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

SAFETY FOR MEDICAL EQUIPMENT

This product may cause malfunctions of medical equipment. In most hospital or medical centers, use of this product is forbidden.

NON-IONISING RADIATION

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

Specifications

System Information

Processor Intel XScale CPU at 400MHz

Memory - ROM: 64MB

- RAM: 128MB

Operating System Windows MobileTM software

Display

Type TFT-LCD 16bit, touch-sensitive, 3.5 inches

Resolution 240 x 320 at 65,536 colors

GSM/GPRS (Tri-band) Module

GSM900 880 ~ 915, 925 ~960 MHz

DCS1800 1710 ~ 1785, 18-5 ~ 1880 MHz

PCS1900 1850 ~ 1910, 1930 ~ 1990 MHz

Camera Module

Type Color CMOS camera module

Resolution VGA 480 x 640 with JPEG encoder

Image Process - ALC (Auto Light Control)

- AWB (Auto White Balance)

Physical

Dimensions (typical) 69.9mm (w) x 130mm (h) x 19mm (l)

Weight (typical) 190g

Expansion Slots

SDIO/MMC supports Yes

Controls and Lights

Navigation 5-way navigation pad

Buttons - 4 program buttons : Calendar, Contacts, Camera, Record

- 2 phone function : Call, End

- Volume control button (up, down)

- Power on / off

- Reset button

LED Lights - Event notification

- Charge status

- GSM/GPRS signals

Connection

Infrared SIR

I/O port 22-pin individual port for signals (for USB, Serial, and power)

Audio Stereo headphone jack (2.5Ø)

Bluetooth 1.1 compliant, power class 2

Audio

Audio controller AGC
Microphone/Speaker Built-in

Headphone WAV/WMA/MP3 stereo

Power Supply

Battery - Main : 1200mAh (typical) Li-ion Polymer removable,

rechargeable battery, data retention time: 72 hrs

- Backup: 25mAh rechargeable,

data retention time: 20 mins. (in full charge)

AC adapter - AC input / Frequency :100 ~ 240 VAC / 50 ~ 60Hz

- Rated Output : 5V / 2A DC (typical)

Troubleshooting

If you encounter any problems with your Pocket PC Phone, consult the following **Trouble Guide**. If you are still having problems after reviewing these, contact **Technical Support** or your dealer.

Operating Problems

Problem Solution

My Pocket PC Phone keeps turning itself off. Your Pocket PC Phone is designed by default to turn itself off if not used for 3 minutes. This period can be set up to 5 minutes. Check the auto-off function on the **Advanced** tab on **Power** setting in *Chapter 5*.

- My Pocket PC Phone is not making any sound.
- 1 Tap at the right corner of title bar to check the volume status
- 2 Check the settings of Sound and Notifications on the Personal tab by tapping → Settings.
- My Pocket PC Phone does not vibrate when the phone rings or alarms occur.
- 1 Tap 45 in the right corner of title bar to check if the vibrate function is activate.
- 2 Check the setting of Sound and Notifications on the Personal tab by tapping → Settings.
- 3 Check the event note in your Calendar to see if the Reminder has been activated.
- Screen freezes or no response

Reset your device. See Reset your Pocket PC Phone and clear memory section in Appendix A.

Screen is blank.

If your Pocket PC does not respond when you briefly press the Power button, press and hold the button for a full second. If that does not work:

- 1 Plug the AC power into the device to charge it.
- 2 Reset the device. See Reset your Pocket PC Phone and clear memory section in Appendix A.

Problem Solution Screen is dark Check the Brightness setting by tapping M → Settings → System tab → Backlight → Brightness tah 2 Prolonged exposure to direct sunlight may also cause your Pocket PC Phone screen to temporarily darken. This is normal for LCD screens and is not permanent. A warning message about Memory on you Pocket PC Phone is shared between Running out of memory storage memory and program memory: pops up on the screen. Delete any unnecessary information you have entered to release storage memory space. 2 Delete the unnecessary programs you have installed to release program memory space. See Managing memory section in Appendix A. The warning message about Plug the AC power in to your device to charge it. Battery low pops up on the screen. Screen is hard to read, or If you are having a hard time viewing a document in the text on the screen is too Notes, try changing the size of the view, just tap a zoom small for you. percentage on the Tools menu. 1 In Pocket Word and Pocket Excel, on the View menu, tap Zoom and then select a zoom percentage. 2 In Pocket Internet Explorer, on the View menu, tap Text Size and then select a size. In Pocket Outlook data, try enlarging the display font. To do this within Calendar, Tasks or Contacts, tap Tools, then Options, and then select Use large font.

Tapping and Writing Problems

Problem Solution

 Device buttons do not respond or bring up the wrong program. Check the Buttons setting to see if the program assignment for each function button is set as you want. Tap \longrightarrow Settings \rightarrow Personal tab \rightarrow Buttons. For detailed information about Button settings, see *Chapter 5*.

Inaccurate response to stylus taps.

Adjust the touch screen to respond more accurately to screen taps. Tap \longrightarrow Settings \rightarrow System tab \rightarrow Screen \rightarrow Align Screen.

Pocket PC does not recognize handwriting. For your Pocket PC to recognize your handwriting input with the stylus, you need to use **Transcriber** writing. To learn how to write in **Transcriber**, see **Chapter 2**.

ActiveSync Problems

Problem _____Solution

- ActiveSync operation cannot be performed or connected.
- Make sure the ActiveSync cradle/cable is connected securely.
- 2 Make sure you have installed the ActiveSync software included on the Pocket PC Phone 2003 companion CD.
- 3 Make sure you selected Local USB or Local Serial, as appropriate, from the Connection Settings on ActiveSync Manager menu on your desktop computer.
- 4 If you are using the optional serial cradle/cable, make sure you are not running another program which also works with the serial port you selected when installed.
- 5 If ActiveSync still doesn't work, remove the ActiveSync software from your desktop computer then re-install it.

Problem Solution

 ActiveSync is connected, but data or information cannot be transferred. On your desktop computer, check the **Sync Options** on **ActiveSync Manager** menu to see if the information type for the program you want has been selected for synchronizing. See more detail s about synchronizing information in **Chapter 4**.

Connection Problems

Problem Solution

 Unable to use Infrared (IR) to transfer information. Try the following:

- 1 Line up the IR ports so that they are unobstructed and within a close range with 20cm.
- 2 Make sure nothing is between the two IR ports.
- 3 Adjust the room lighting. Some types of light interfere with IR connections. Try moving to a different location or turning off some lights.

 Cannot connect to *Internet*, web surfing doesn't work. Try the following:

- 1 Check that you have set up and connected to an Internet service provider.
- 2 Check that your wireless connection to your mobile service provider is switched on and the signal is unobstructed.
- 3 Verify with your Internet service provider that your user name and password are correct.

See *Chapter 7 Getting Connected*. Additional information is also available in *Connections Help* on the Pocket PC Phone and *ActiveSync Help* on the PC.

Problem Solution

- Problems in cable and cradle connection.
- 1 Ensure your Pocket PC Phone is turned on.
- Ensure that you do not have any other active connections. Tap → Today, and then tap or or at the bottom of the screen and then Disconnect.
- 3 Ensure the cable is securely plugged into the COM port on the back of your PC. Use the cable that came with the Pocket PC Phone without any extra cables or extenders attached.
- 4 Plug the other end of the cable securely into the correct port on your Pocket PC Phone. If you are using a cradle, push your Pocket PC Phone securely into the cradle.

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