

**Pocket PC Phone**



# Welcome

Congratulations on the purchase of a new **Windows Mobile™-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

#### Power Button/Backlight

Press to turn your pocket PC or backlight on or off.

#### Notification LED

See the description on opposite page.

#### Contacts

Press for quick access to your Contacts.

#### Record

Press to record a voice note.

#### Volume

Press up/down to adjust the volume of your device.

#### Camera

Press to launch camera capture utility. Press again to take a picture.

#### Soft Reset

Press into the hole with the stylus to reset your device.

#### Send

Press to answer and incoming call or to dial a number.

#### Microphone

Speak here when receiving or making a phone call or voice recording.

#### MMC/SD cards or SDIO accessories slot

Insert either MMC/SD cards or SDIO accessories in this slot.

#### Infrared port

Enables you to exchange file(s) or data with other devices without cables/ wires.

#### Speaker

Listen to audio media or a phone call from here.

#### Calendar

Press for quick Calendar access.

#### Touch Screen

For handwriting, drawing or for making a selection with the stylus.

#### End

Press to end a call.

#### Navigation Pad

Press to move up/down and left/right through any of the drop down menus or program instructions; select by pressing in the center. When in the dialer screen :

**Left** - Press once to access the Speed Dial feature.

**Right**- Press once to access the Call Log feature.





## 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°C (212°F), 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.

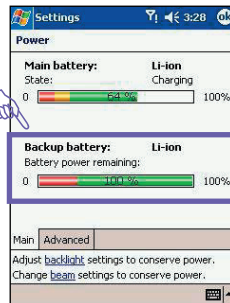
### Data Retention

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**

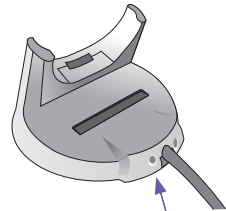


## To recharge your device

You can recharge your device in the following ways :

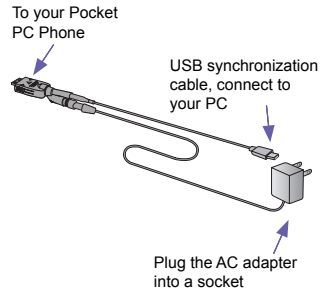


- 1 Place your Pocket PC Phone in the cradle and connect it to an external power source with the AC Adapter. Before using your Pocket PC, charge the battery for at least **8** hours for the first time. Then, place it in the cradle for a short time each day to recharge it to its full capacity.

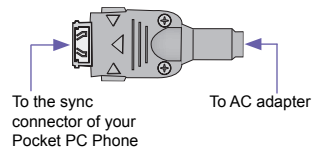


AC Adapter plugs into the back of the cradle

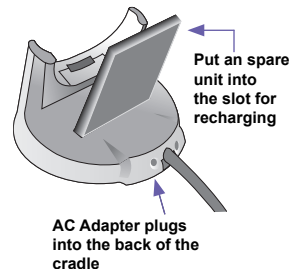
- 2 Plug the AC adapter into the optional USB/Serial cable head and then connect your Pocket PC Phone directly to an external power source.



- 3 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.



- 4 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

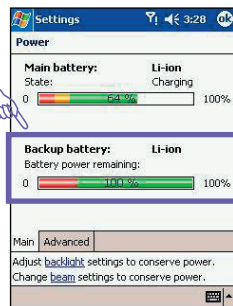
When the low battery-warning message appears, immediately save any data you are working on, perform a synchronization with your PC, then turn off your Pocket PC. If your device does shut down, the backup portion of your main battery will protect data for about 72 hours.

### To view the battery status:

Tap  → **Settings** → **System** tab → **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.



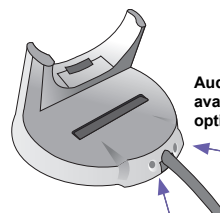
To synchronize the **USB Cradle** must be plugged into an available USB port on your PC.



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.



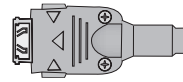
Audio output is available in an optional unit.

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



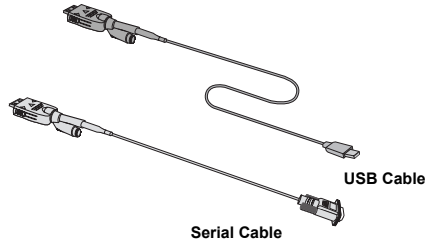
## AC Adapter Converter

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.

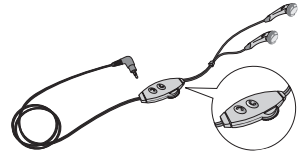


USB Cable

Serial Cable

## Stereo headset

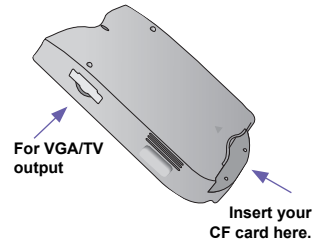
The stereo wired headset has a volume control jog dial and buttons to pick up and hang up incoming and outgoing calls.



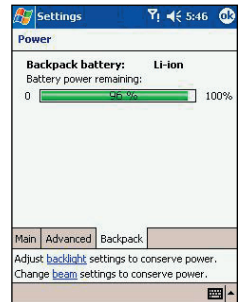
## Backpack (Optional)

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 built-in 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.



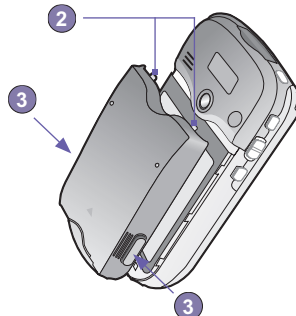
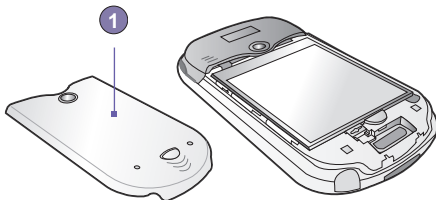
## Resolution supports

- For LCD display : XGA 1024x768, VGA 800x600 and 640x480.
- For TV output : 640x480 NTSC and PAL system.

### To attach the backpack:



- 1 Remove the back cover.
- 2 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.
- 4 To remove press the side buttons and pull up.



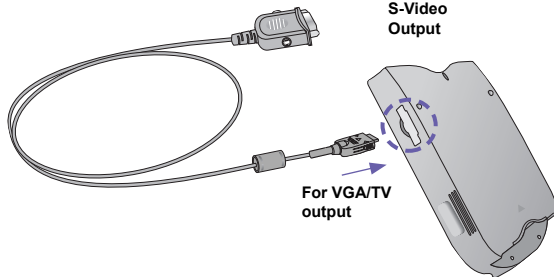
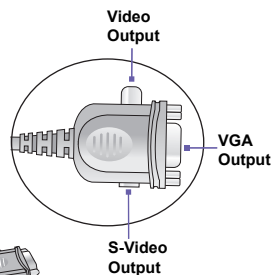
### VGA/TV Adapter

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:



- 1 Attach the **USB** head to your device.
- 2 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

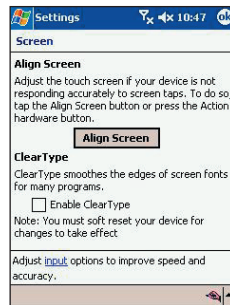
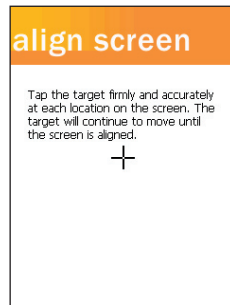
### Screen tapping, Calibration and Re-calibration

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.


#### To re-calibrate the screen :


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






### Today Screen

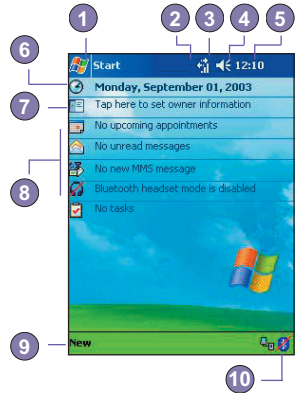
The **Today** screen displays important information, such as today's appointments and status icons for your device. Tap the information listed on the **Today** screen to open the associated program.

- 1 Access the **Today** screen by tapping  → **Today**.

To customize the Today screen display, including the background image, tap **Today** at the top of the **Today** screen or tap  → **Settings** → **Personal** tab → **Today**.














-  1 Tap to go to a program.
- 2 Tap to view notification information.
- 3 Tap to view network status and options.
- 4 Tap to change volume or mute all sounds.
- 5 Tap and hold to change time format.
- 6 Tap to change date and time.
- 7 Tap to change owner information.
- 8 Your day at a glance. Tap to open the associated program
- 9 Tap to create a new item.
- 10 Tap to disconnect from ActiveSync  or Bluetooth .





## Indicators














Following are some of the status icons you may see.

Indicators	Meaning
	Turns all sounds on and off.
	Main battery low.
	Main battery very low.
	Connection is active.
	Synchronization is beginning or ending.
	Synchronization is occurring.
	Notification that one or more instant messages were received.
	Notification that one or more mobile e-mail / SMS messages were received.
	Indicates the connection to your mobile phone service provider is on and the strength of the signal.
	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.

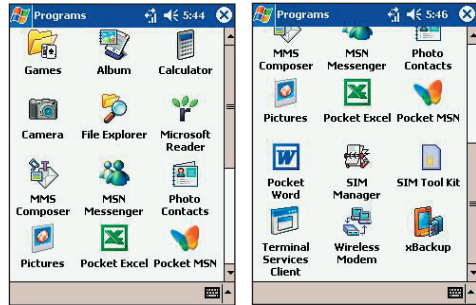
## Programs











- 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
	<b>ActiveSync</b>	Synchronizes information between your device and PC.
	<b>Calendar</b>	Keeps track of your appointments and creates meeting requests.
	<b>Contacts</b>	Keeps track of your friends and colleagues.
	<b>Inbox</b>	Sends and receives e-mail/ SMS messages.
	<b>Pocket IE</b>	Pocket Internet Explorer browses Web and WAP sites, and downloads new programs and files from the Internet.
	<b>Notes</b>	Creates handwritten or typed notes, drawings, and recordings.
	<b>Phone</b>	Makes and receives calls, switches between calls and sets up conference calling.
	<b>Tasks</b>	Keeps track of your tasks.
	<b>Windows Media Player</b>	Enables the multimedia function on your Pocket PC Phone.
	<b>Pocket Excel</b>	Creates new workbooks or view and edit Excel workbooks.
	<b>Pocket Word</b>	Creates new documents or view and edit MS-Word documents.
	<b>MSN Messenger</b>	Sends and receives instant messages with your MSN Messenger contacts.
	<b>Microsoft Reader</b>	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](#).



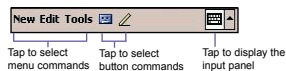
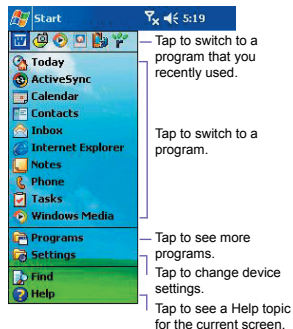
Icon	Program	Description
	<b>Camera</b>	Snaps photos or shoots video clips with accompanying audio.
	<b>Album</b>	Collects, organizes and sorts <b>.JPG/.BMP/.GIF</b> picture files on your Pocket PC phone from <b>Camera</b> or <b>ActiveSync</b> .
	<b>Photo Contacts</b>	Input the image files according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



- 1 Use the command bar at the bottom of the screen to perform tasks in programs.
- 2 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.

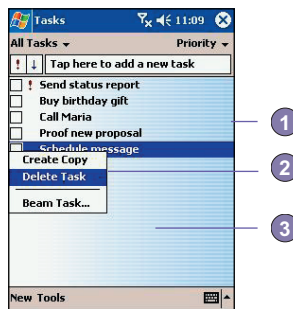


## Pop-Up Menu

Use pop-up menus to quickly 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.



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






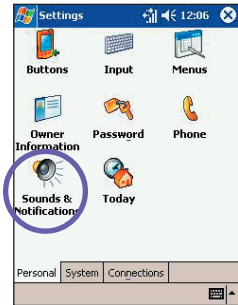
## Notifications

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.

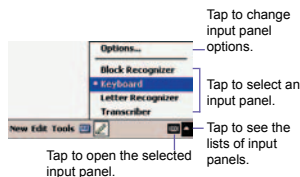
- **Synchronizing** - Using ActiveSync, exchange information between your PC and device.
- **Typing** - Using the input panel, enter typed text into the device. You can do this by tapping keys on the soft keyboard or by using the handwriting recognition software.
- **Writing** - Using the stylus, write 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.

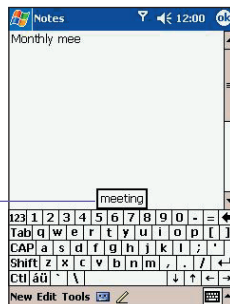
To show or hide the input panel, tap the Input Panel button . To see your choices tap the arrow next to the **Input Panel** button.



### 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.
- 3 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.
- 5 To add a space, tap and hold any key and then drag the stylus to the right across at least two others.
- 6 To backspace one character, tap and hold any key and then drag the stylus to the left across at least two others.
- 7 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 → then tap **Options** → select **Keyboard** in **Input method** and → then select **Large Keys**.

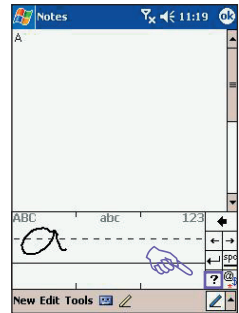
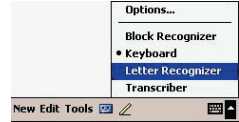
Tap here if this is the right word.

## b. Using Letter Recognizer

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


- 1 Tap the arrow next to the Input Panel button  and then **Letter Recognizer**.
- 2 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  next to the writing area.

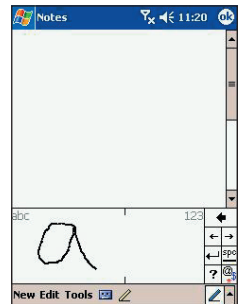


## c. Using Block Recognizer

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


- 1 Tap the arrow next to the Input Panel button  and then **Block Recognizer**.
- 2 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  next to the writing area.

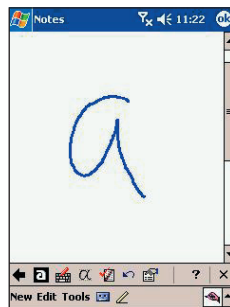
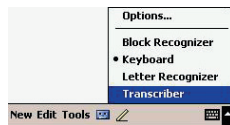


## d. Switching to Transcriber


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.

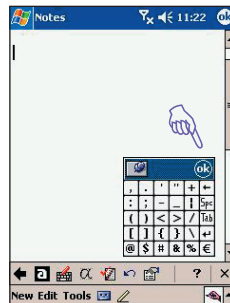
- 1 Tap the arrow next to the Input Panel button  and then **Transcriber**.
- 2 Write anywhere on the screen.

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  on the toolbar.
- 2 Tap the desired punctuation.
- 3 Tap **OK** to hide the keyboard.

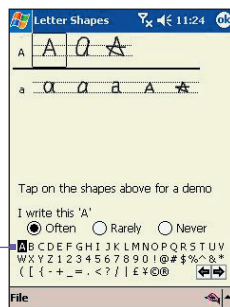


## f. To learn about writing in Transcriber :

- 1 Tap button  on the toolbar.
- 2 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

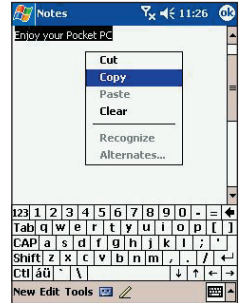


## g. To select typed text :


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

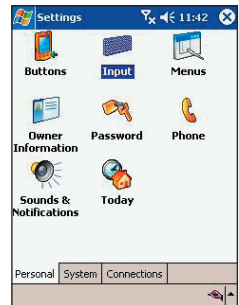


Drag the stylus across the text you want to select. You can cut, copy, and paste text by tapping and holding the selected words and then tapping an editing command on the pop up menu, or by tapping the command on the **Edit** menu



To change word suggestion options, such as the number of words suggested at one time,

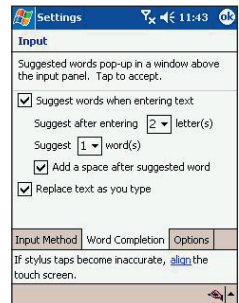
Tap  → **Setting** → **Personal tab** → **Input** → **Word Completion tab**



## h. Editing text

Each input program provides cursor 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.

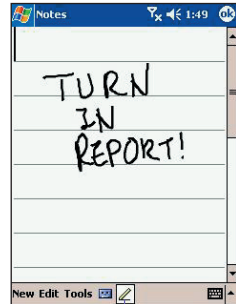
### To write on the screen :



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 :

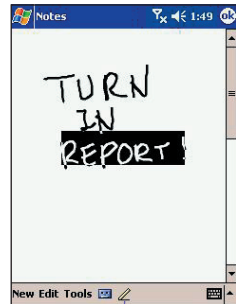
If you want to edit or format writing, you must select it first.



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

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

- 1 Tap **Tools** and then **Recognize**.
- 2 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.

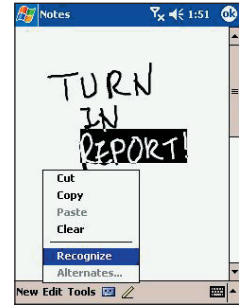
If the conversion is incorrect, you can select different words from a list of alternates or return to the original writing.

- 1 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.

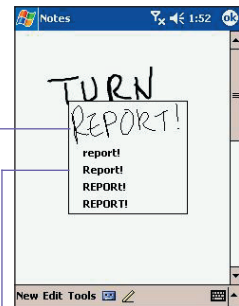
## To get good recognition :

- 1 Write neatly.
- 2 Write on the lines and draw descenders below the line. Write the cross of the "t" and apostrophes below the top line so that they are not confused with the word above. Write periods and commas above the bottom line.
- 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.
- 5 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 recognize it again.



The writing is turned into text.



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

## 2.4 Drawing on the Screen

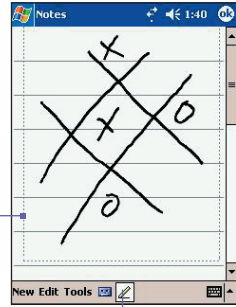
You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be re-sized, while writing cannot.

### 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.



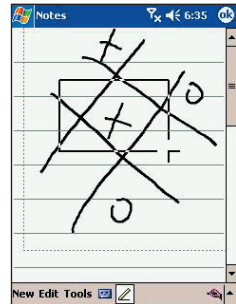
Pen button

### To select a drawing :

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



- 1 Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, deselect the pen button and then drag to select the drawings you want.
- 2 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.

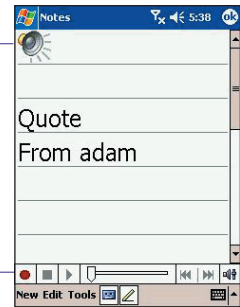
### To create a recording

- 1 Hold your device's microphone near your mouth or other source of sound.
- 2 Tap  → **Notes** → .
- 3 To start recording, tap . A beep will sound.
- 4 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 tapping the **Record** button on the Recording toolbar.

Indicates an embedded recording.




Tap to begin recording

Tap to show or hide the Recording toolbar

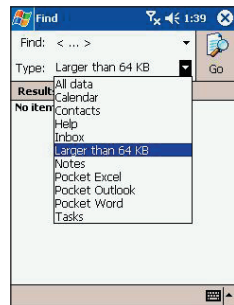
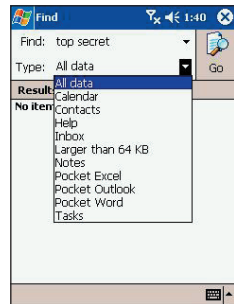
## 2.6 Finding and Organizing Information

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

- 1 On the  → 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 sub-folders are searched.
- 5 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:

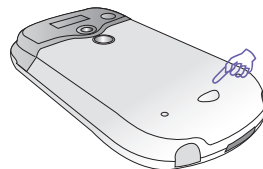
- Mobile phone service provider account details.
- Information regarding service access and preferences.
- Contact information, which can be moved to Contacts on your device.
- Any additional services to which you may have a subscription.

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

### To install a SIM cards :




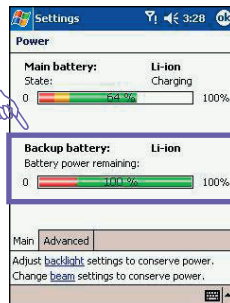
- 1 Turn over your device and press the fixing lock button to remove the back cover.



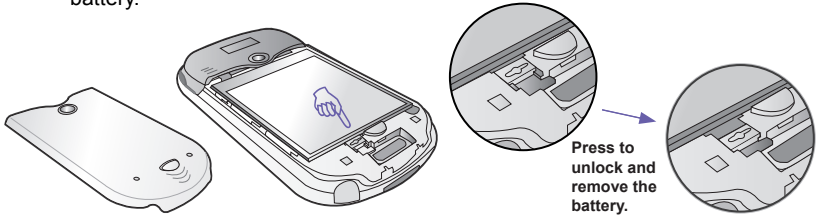
REMOVING THE BATTERY WILL TURN OFF YOUR DEVICE, MAKE SURE YOU HAVE SAVED ANY DATA IN OPENED PROGRAMS.



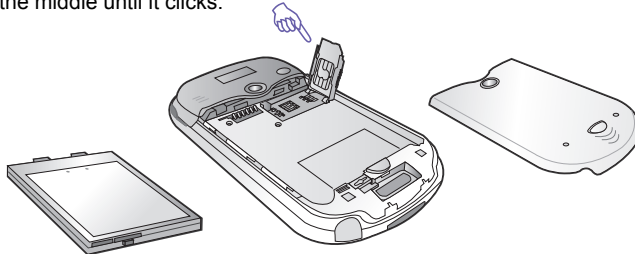
BE SURE TO CHECK THE BACKUP BATTERY POWER REMAINS AT LEAST AT **50% OR ABOVE** BEFORE YOU REMOVE THE MAIN BATTERY BY TAPPING  → **Settings** → **System** tab → **Power**.



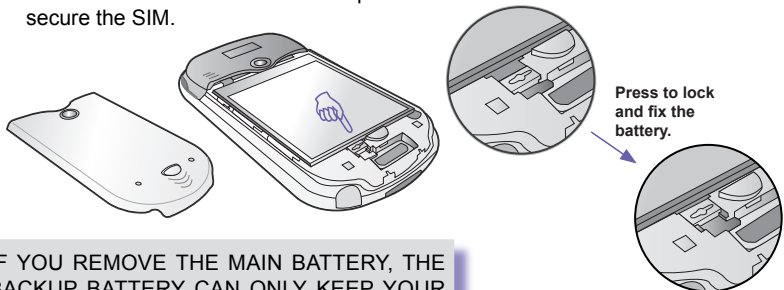
- 2 To unlock and remove the battery, press the stylus into the slot under the bottom end of the battery.



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





- 4 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.



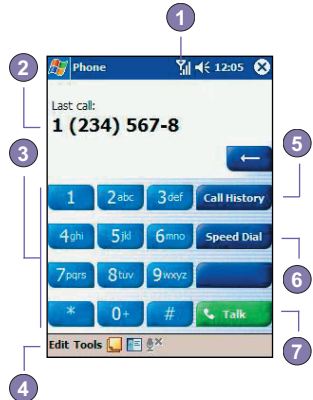
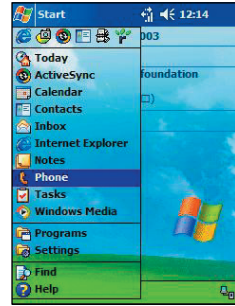
IF YOU REMOVE THE MAIN BATTERY, THE BACKUP BATTERY CAN ONLY KEEP YOUR DATA SAFE FOR 20 MINUTES WHEN IT IS 100% CHARGED, BE SURE TO REPLACE THE MAIN BATTERY BACK INTO PLACE RIGHT AFTER THE SIM CARD IS INSERTED.

## 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









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



## Indicators

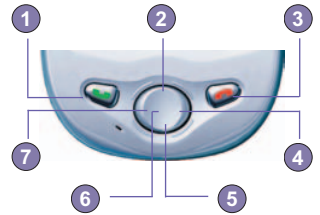
Below are some of the status icons you may see.

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

## The Navigation Pad and Dialing




- 1 **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.
- 2 **Scroll Up** - Press to scroll up through a list.
- 3 **End Call** - Press to end a call.  
**Phone Signal** - Press and hold to turn phone on or off.
- 4 **Call Log** - After launching the dialer screen, press to enter the Call Log feature.
- 5 **Scroll Down** - Press to scroll down through a list.
- 6 **Center** - Press to select a menu item.
- 7 **Speed Dial** - After launching the dialer screen, press to enter the Speed Dial feature.



## Entering Your PIN

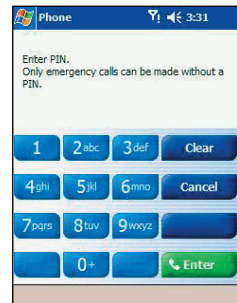
Most SIM cards are preset with a PIN ( **Personal Identification Number**), provided by your mobile service provider, which you need to enter whenever you use your device.



- 1 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  indicates that you are connected to your service provider's network. A full strength signal is indicated by . 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.

- 1 While using any program on your device, tap  in the title bar at the top of the phone's display.
- 2 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 or press the volume on the side of your device.
- 2 You can select to adjust the phone volume (ring) or device volume (notification levels and MP3) on the pop-up menu.



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



- 4 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.






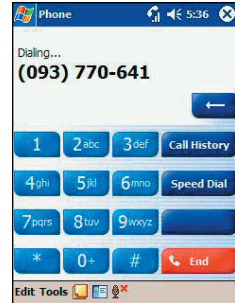
## 3.2 Making a Call

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 :

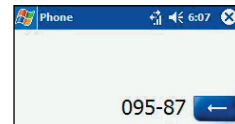
The most direct method is by using the Phone keypad.

- 1 Press  to bring up the dialer screen.
- 2 Tap the number on the keypad then tap  or press  button.

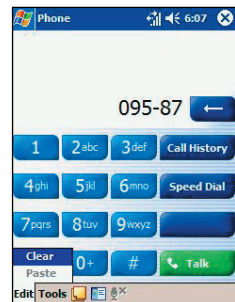


### Back Spacing and Deleting

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



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





## 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.

- 1 From the Phone keypad, tap **Speed Dial** → **New**.
- 2 Tap the desired contact name and number.
- 3 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.

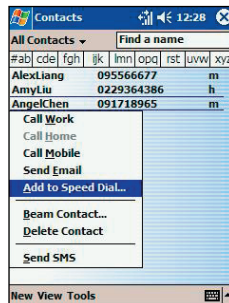


By default the **Location** function will give you the next available position in the **Speed Dial** list. If you want to put a number in a position that is already occupied, the new number will replace the number already there.






## Tips for Speed Dial setting

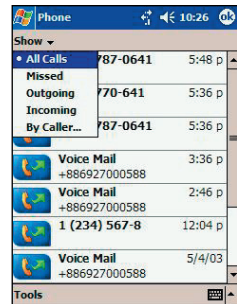
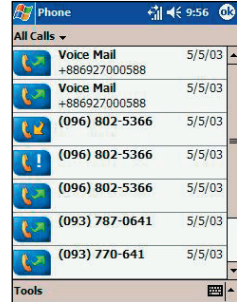
- 1 To create a speed dial entry from Contacts, **tap and hold** the contact name, tap **Add to Speed Dial**, and then tap the Up/Down arrows to select an available location to assign as the new speed dial entry.

- 2 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**.





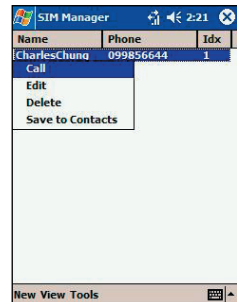
## To make a call from the Call History :

- 
 1 Go to **Phone** and press the right side of the navigation pad or tap **Call History**
- 2 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.
- 4 **Call History** icons include :
  -  → incoming calls ;  → outgoing calls;
  -  → missed calls.





## To make a call from SIM Manager :

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



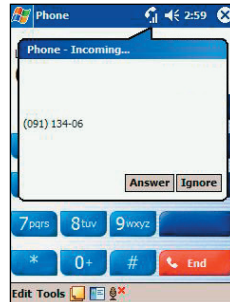
## 3.3 Receiving a Call

### To answer an incoming call :



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



If you reject a call the busy tone will be sent out.





### To end a call :

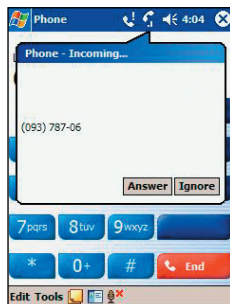
- 1 Once an incoming or outgoing call is proceeding, you can press  or tap  to end the call.

## 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

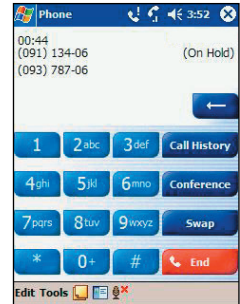
- 1 Tap **Answer** to take the 2<sup>nd</sup> call and put the 1<sup>st</sup> on hold.
- 2 To end the 2<sup>nd</sup> call and go back to the 1<sup>st</sup>, tap  or press .



## To swap between calls :






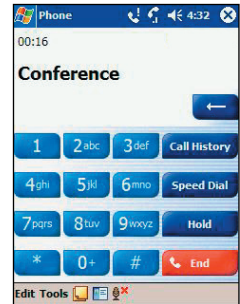
You can choose to swap backwards and forwards between 2 callers by pressing  .



## To set up conference calls :



- ① Either put a call on hold, dial a 2<sup>nd</sup> number and wait for it to be picked up. Or, accept a 2<sup>nd</sup> incoming call when you already have one in progress.
- ② In the screen that appears tap  .
- ③ If the conference connection is successful the word Conference will appear at the top of the phone dialer screen (see right).
- ④ To add additional people to your conference call tap , key in the number, and then  to return and continue.






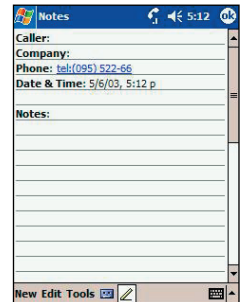
## Making a Note

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 :





- ① After you have entered a number and tapped  or , tap the  icon at the bottom of the screen.
- ② 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.)

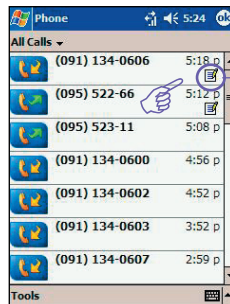
### b. To view a note :

- 
 Press the right side of the navigation pad or tap **Call History**, 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 hands-free 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 SPEAKERPHONE MODE AND HOLD IT ON YOUR EAR; THE SOUND WILL DAMAGE YOUR EAR.





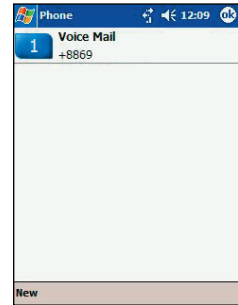
## Checking Your Voice Mail

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 **Speed Dial** or press the left side of the navigation pad, select **1 Voice Mail** and then press .



## 3.5 Contacts Information

Contacts can be imported in the following different ways:



- 1 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.
- 2 **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.

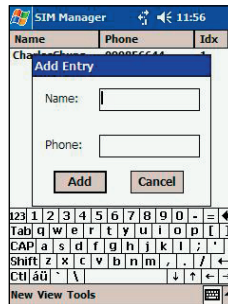
## SIM Manager

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

### a. To create a SIM contact :



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

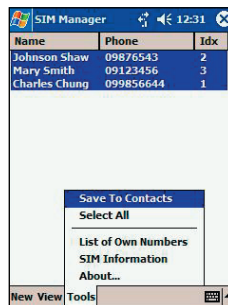


### b. To transfer contacts from SIM to Contacts :

#### Option 1



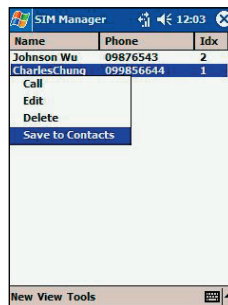
On **SIM Manager** display, tap **Tools** → **Select All** → and then **Save to Contacts**.



#### Option 2




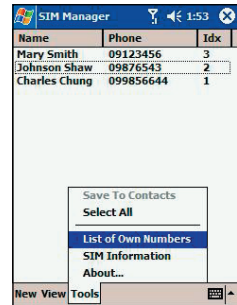
Press and hold the center of the navigation pad - or tap and hold a contact from the list - and then select **Save to Contacts** from the pop up menu.



## c. To save personal numbers :

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

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



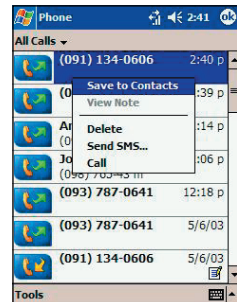
## Call History

Tap **Call History** 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.
- 2 Press and hold the stylus or press and hold the navigation pad center; select **Save to Contacts** in the pop-up menu that appears .
- 3 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 :

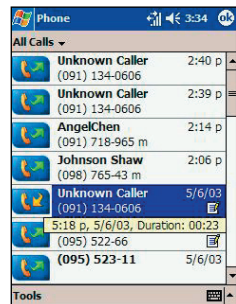
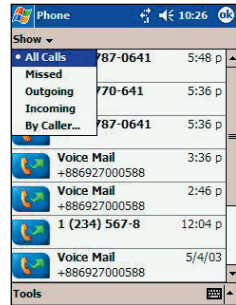


Tap and hold the stylus on the call to be deleted, and then select **delete** from the pop up menu.


### d. To delete all calls from Call History :

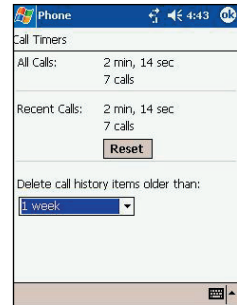


Tap **Tools** → and then **Delete all Calls**.



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



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

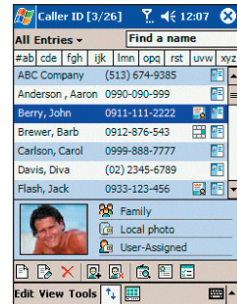



## 3.6 Photo Contacts

**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 rest 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  → **Programs** → **Photo Contacts** .
- 2 Select a contact from the list, or create a new one by tapping **Edit** → then **New**.

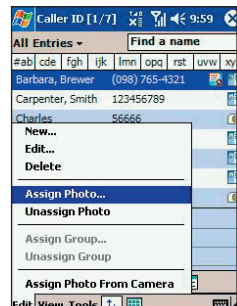


 **Contacts** here fully mirror those in **Microsoft Contacts**.

- 3 Tap **Edit** → then **Assign Photo...**
- 4 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.

 You can use **JPEG**, **BMP**, **still GIF**, or **animated GIF files** for your **Photo IDs**.

- 5 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:



- 1 Add extra style by assigning a **template** to the photo.







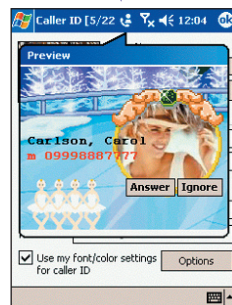
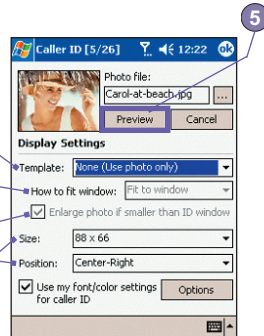
A few sample **Photo Contacts** templates (animated graphical templates that can frame your assigned photos) are included in your Pocket PC's local storage in the **\My Documents\Templates** folder. For more templates go to **IA Style** website <http://www.iastyle.com>

- 2 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.
- 5 Preview all of these changes by tapping **Preview**.

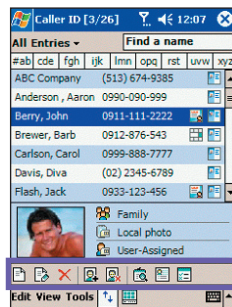
## Toolbar Icons





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:

	<ul style="list-style-type: none"> <li>■ Create a new <b>Contact</b> entry (same as <b>New...</b> on the <b>Edit</b> Menu).</li> </ul>
	<ul style="list-style-type: none"> <li>■ Modify data for the selected <b>Contact</b> entry (same as <b>Edit...</b> on the <b>Edit</b> Menu).</li> </ul>
	<ul style="list-style-type: none"> <li>■ Delete the selected <b>Contact</b> entry (same as <b>Delete</b> on the <b>Edit</b> Menu).</li> </ul>
	<ul style="list-style-type: none"> <li>■ Assign a <b>Photo ID</b> to a <b>Contact</b> entry (same as <b>Assign Photo...</b> on the <b>Edit</b> Menu).</li> </ul>




Preview with a selected template.

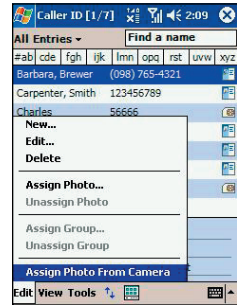


	<ul style="list-style-type: none"> <li>Remove a <b>Photo ID</b> assignment (same as <b>Unassign Photo</b> on the <b>Edit</b> Menu).</li> </ul>
	<ul style="list-style-type: none"> <li>Preview the current <b>Photo/template</b> assignment (same as <b>Preview...</b> on the <b>View</b> Menu).</li> </ul>
	<ul style="list-style-type: none"> <li>Invokes “<b>Detailed View</b>” for the current entry (same as <b>Properties...</b> on the <b>View</b> Menu).</li> </ul>
	<ul style="list-style-type: none"> <li>Opens the <b>Options</b> screen (same as <b>Options...</b> on the <b>Tools</b> Menu).</li> </ul>

## To assign a photo from the camera:




- 1 Tap  → **Programs** → **Photo Contacts**.
- 2 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**.
- 4 After you take the picture, you will be returned to the **Display Settings and Preview** screen.




## To unassign a photo:

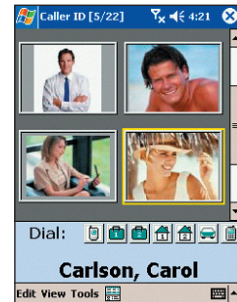


- 1 Tap  → **Programs** → **Photo Contacts**.
- 2 Select an existing contact entry that you want to remove.
- 3 Tap **Edit** → then **Unassign Photo** → Tap yes in the pop-up box.

## To view your contacts by photo:



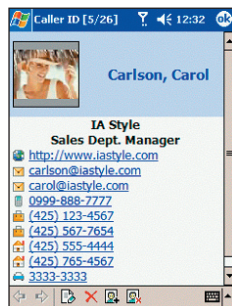
- 1 Tap  → **Programs** → **Photo Contacts**.
- 2 Tap **--** on the **Command Bar**; Or, tap **View** → then **Photo Dialer View**.



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:



- 1 Tap → **Programs** → **Photo Contacts**..
- 2 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.

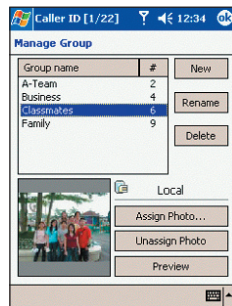


- Tap **Tools** → then **Manage group**.

## To assign a contact to a group:



- 1 Tap → **Programs** → **Photo Contacts**..
- 2 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 Group**.
- 4 Select a group from the list, then tap **OK**.
- 5 To unassign tap **Unassign Group** on the **Edit** menu.



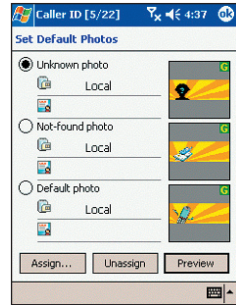


## Show Contact Names Only

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:



<b>Unknown photo</b>	This photo will display whenever the phone number of the incoming call is not known to <b>Caller ID</b> 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 <b>Caller ID</b> .
<b>Not-found photo</b>	This option in the <i>Set Default Photos</i> screen lets you assign a generic <b>Photo ID</b> to any incoming call from a person whose number is not found in your <b>Contacts</b> . That is, the phone number of the incoming call is known, but has no matching entry in your <b>Contacts</b> .
<b>Default photo</b>	This photo will display when the incoming call is found to be from a matching entry in your <b>Contacts</b> database, but so far there is no individually-assigned <b>Photo ID</b> for either that individual <b>Contact</b> entry, or for the <b>Group</b> it belongs to.



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

## 3.7 Additional Dialing Information

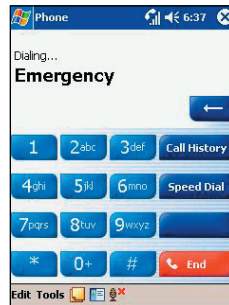
### To make an emergency call :

Enter the international emergency number **112** then




 or press  button.

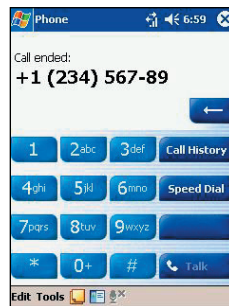


- Some mobile phone service providers may require that a **SIM** card is inserted and/or a PIN entered in order to **112**. Consult with your service provider for more information.
- Additional emergency numbers may be included on your **SIM** card. Consult with your mobile service provider for more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



### To make an international call :

- 1 Tap and hold the  key until the + sign appears. The + replaces the international prefix of the country of where you are calling.
- 2 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 .




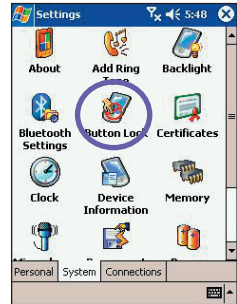
## 3.8 Secure Your Phone

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 .

- 1 Tapping  → **Settings** → **System** tab → **Button Lock**
- 2 Select **Lock all buttons except Power button**.
- 3 To unlock your keypad, tap **Do not lock buttons**.



## Locking your phone

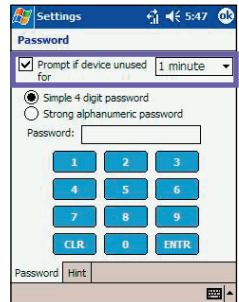
Locking your Pocket PC phone prevents access to personal data. When you enable this feature, your Pocket PC phone will automatically lock after a specified time of inactivity. A screen will be displayed requiring your Pocket PC phone lock password before access is granted.

- 1 Tap  → **Settings** → **Personal** → **Password**.
- 2 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.
- 4 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.



- 1 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**

## 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

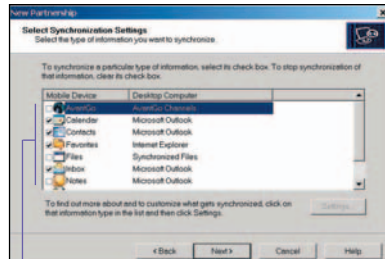
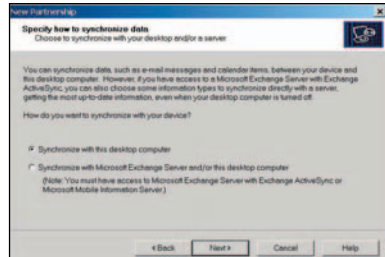
Before you begin synchronization, install **ActiveSync** on your desktop computer from the **Pocket PC Phone 2003 Companion CD**. **ActiveSync** is already installed on your Pocket PC Phone.

## 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.



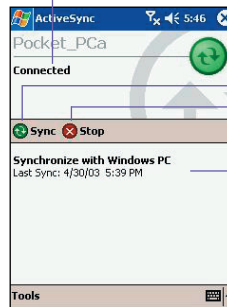
In the New Partnership Wizard select **Synchronize with this desktop computer**. Unless you are certain that your company is running Microsoft Mobile Information Server 2002 or later and you know the server name, then choose **Synchronize with Microsoft Mobile Information Server and/or this desktop compute**.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



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

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.

View connection status.



Tap to connect and synchronize  
Tap to stop synchronization

View synchronization status.

Tap to synchronized via IR or change synchronization settings.

## 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.

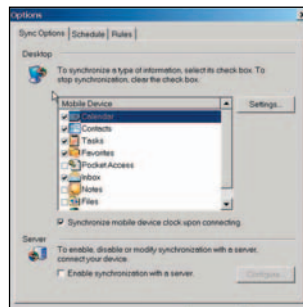
### Synchronizing Inbox

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.



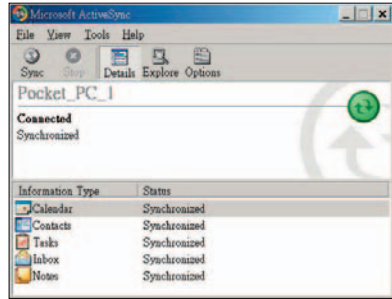
**SMS** messages are not received in your **Inbox** through synchronization. Instead, they are sent to your phone by way of your service provider. For more details, please see *Message Features* in *Chapter 8*.





## 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 synchronization, and vice versa. This keeps your information up-to-date in all locations.



## 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.

## 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.

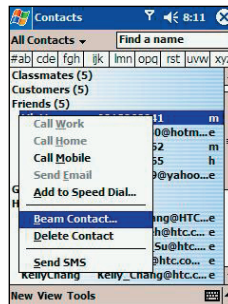
#### a. To send information :



- 1 Switch to the program where you created the item you want to send and locate the item in the list.
- 2 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 :



- 1 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.

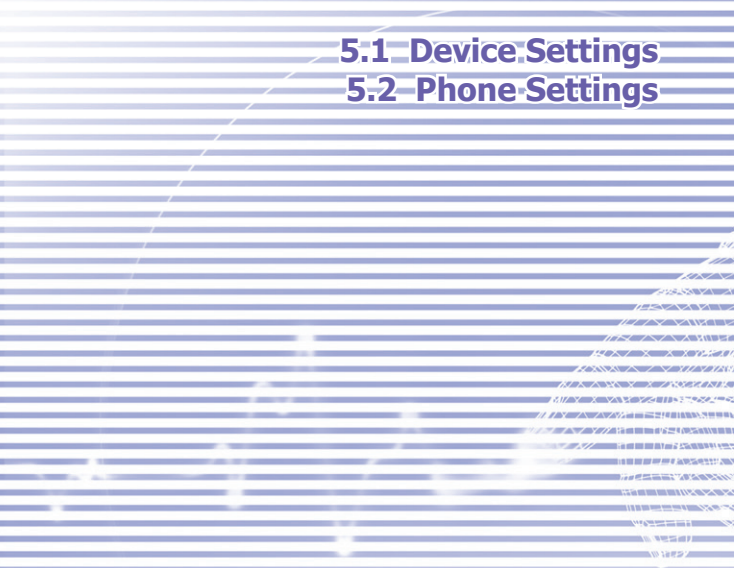


# Chapter 5


## Personalizing Your Pocket PC Phone

**5.1 Device Settings**


**5.2 Phone Settings**





## 5.1 Device Settings

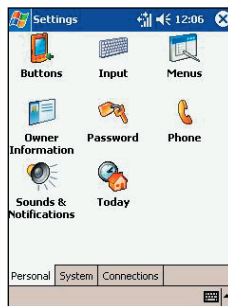
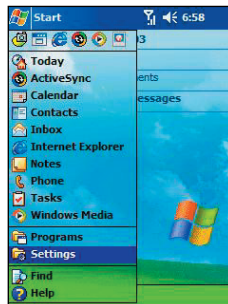
You can adjust device settings to suit the way you work. To see available options, tap  → **Settings** → **Personal** or **System** tab located at the bottom of the screen.













### Personal Tab

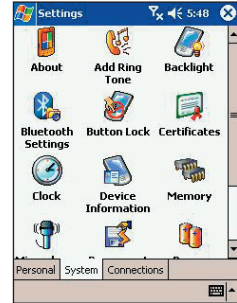
Icon	Program
	<b>Button</b> Assigns an application program to hardware button.
	<b>Input</b> Sets up the input portion of your device.
	<b>Menus</b> Customizes the menu appearance and enables a pop up menu from the <b>New</b> button.
	<b>Owner Information</b> Displays your contact information.
	<b>Password</b> Limits access to your device.
	<b>Phone</b> Sets up the phone function of your wireless feature.
	<b>Sounds and notifications</b> Sets the notification type, event and volume.
	<b>Today</b> Customizes the look and the information that appears on the <b>Today</b> screen.

### System Tab

Icon	Program
	<b>About</b> Displays important device information.
	<b>Add ring tone</b> To listen to and select new ring tones.



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






## Buttons

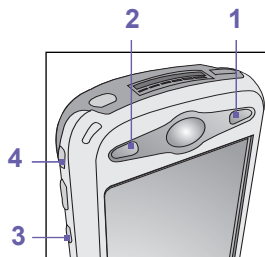
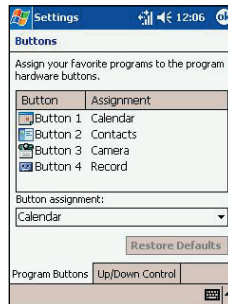
To change the assignments for your device's four program buttons :



1 Tap  → **Settings** → **Personal** → **Buttons**.


2 Select a button, a program in **Button Assignment**, and then tap **OK**.

3 In the **Up/Down Control** tab **Delay before first repeat** changes the time elapsed before scrolling begins. **Repeat rate** changes the time it takes to scroll from one item to the next.

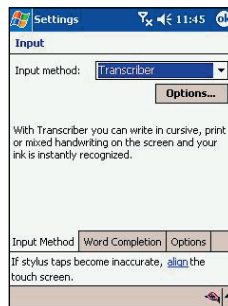



## Input



1 Tap  → **Settings** → **Personal** tab → **Input**.

2 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.




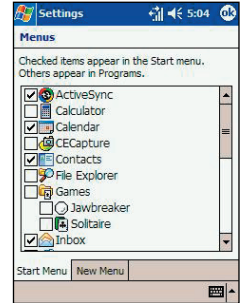
You can also change input **Options** by tapping the  arrow and then options.



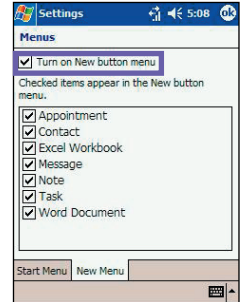
## Menus


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

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



- 3 On the **New Menu** tab, you can select **Turn on New button menu** and then select the items to appear on the menu. When you do this, an arrow appears next to New in the command bar of certain programs such as Pocket Word, Pocket Excel, Contacts, Calendar and Tasks. You can tap this arrow and then tap a new item to create.




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



## Owner Information




- 1 Tap  → **Settings** → **Personal** tab → **Owner Information**.
- 2 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.
- 3 On the **Notes** tab, enter any additional text you want to display when the device is turned on, such as: Reward if found.



## Password



- 1 Tap  → **Settings** → **Personal** → **Password**.
- 2 To select how long your mobile device must be turned off before a password must be entered, check **Prompt if device unused for**.
- 3 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.
- 4 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



- 1 Tap  → **Settings** → **Personal** tab → **Sounds & Notifications**.
- 2 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*.

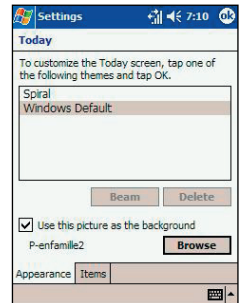
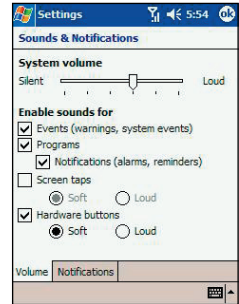


## Today

You can customize the **Today** screen the following ways:


### a. To change the background :

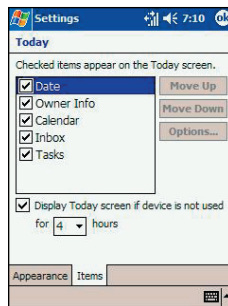
- 1 Tap  → **Settings** → **Personal** tab → **Today**.
- 2 On the **Appearance** tab, select the desired theme for the background. To use your own background, select **Use this picture as the background** then tap **Browse** to locate the desired file.
- 3 Choose a folder and tap the file you want then 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.
- 3 To change an item's position select it then tap **Move Up** or **Move Down**.
- 4 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.




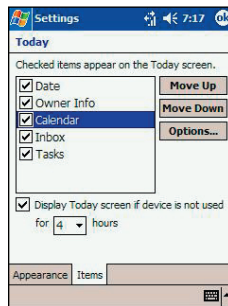
## c. To customize Tasks or Calendar :



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.




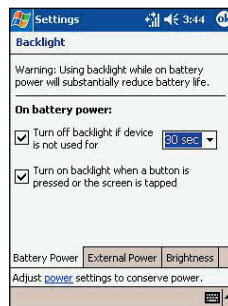
## Backlight



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



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



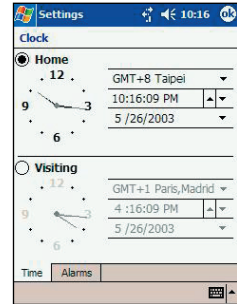


## Clock



Tap → **Settings** → **System** tab → **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 → **Settings** → **System** tab → **Regional Settings**.

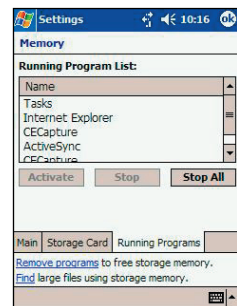
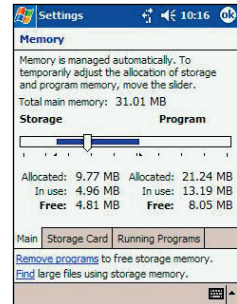


## Memory



Tap → **Settings** → **System** tab → **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.



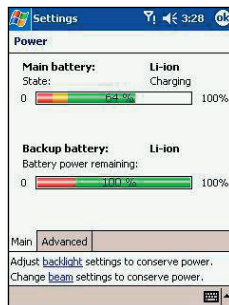


## Power

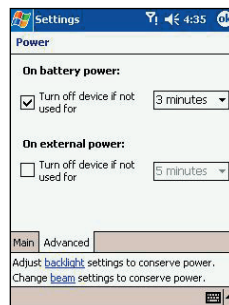


Tap → **Settings** → **System tab** → **Power**.

- 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:



1 Tap → **Settings** → **Personal tab** → **Phone**.



- 2 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.

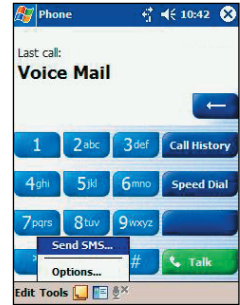
To use **.wav**, **.mid**, or **.wma** files as ring tones, use ActiveSync on your PC to copy the file to the **/Windows/Rings** folder on your device. Then, select the sound from the **Ring tone** list.

### 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**.

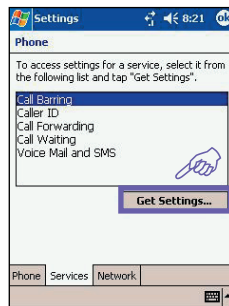
Feature	Function
<b>Call Barring</b>	Enables you to block incoming and/or outgoing calls.
<b>Caller ID</b>	Identifies caller by displaying their name and/or phone number.
<b>Call Forwarding</b>	Enables you to forward all or selected incoming calls to a different number.
<b>Call Waiting</b>	Notifies you 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** → **Options** → **Services** tab → tap a service → **Get Settings**.



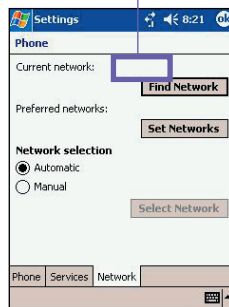
## Network

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.

**Current network used on your device.**





# 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.

Tap here to switch to any of these programs.



## 6.1 Calendar : Scheduling Appointments and Meetings

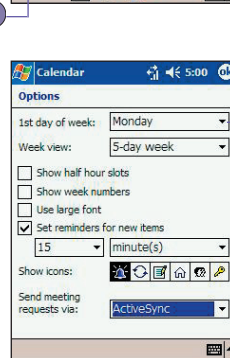
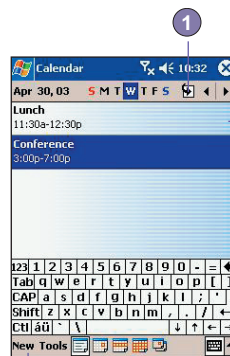
Use **Calendar** to schedule appointments, including meetings and other events. You can check your appointments in one of several views (Agenda, Day, Week, Month, and Year) and easily switch views by using the **View** menu.



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



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




## To Create an Appointment


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

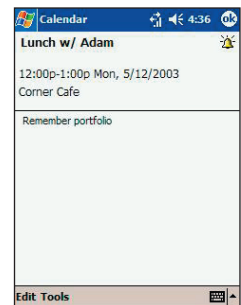
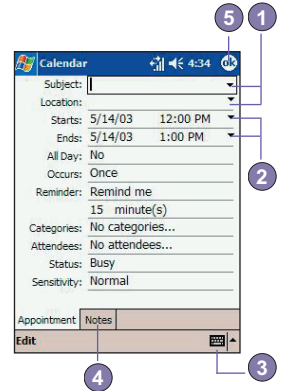
- 1 Tap tab appropriate fields, then using the input panel, enter a description and a location.
- 2 If needed, tap the date and time to change them.
- 3 Enter other desired information. You will need to hide the input panel to see all available fields.
- 4 To add notes, tap the **Notes** tab. You can 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.



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

## Using the Summary Screen

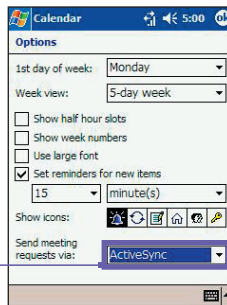
-  When you tap an appointment in **Calendar**, a summary screen is displayed. To change the appointment, tap **Edit**.



## 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**.

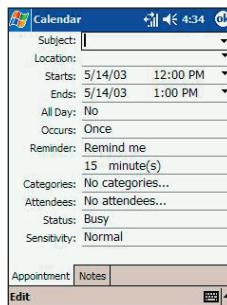
If you send and receive e-mail messages through ActiveSync, select **ActiveSync**.



## 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**.
- 4 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.

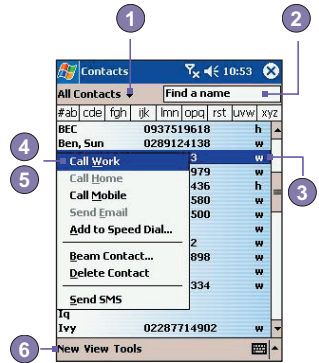


## 6.2 Contacts : Tracking Friends and Colleagues

**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.




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

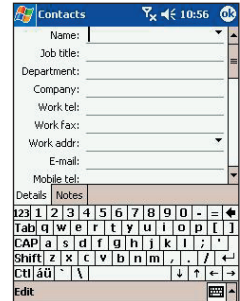


To change the way information appears in the list, tap **Tools** and then **Options**.

## To create a contact :



- 1 Tap  → **Contacts** → **New**.
- 2 Using the input panel, enter a name and other contact information. You will need to scroll down to see all available fields.
- 3 To assign the contact to a category, scroll to and tap **Categories** and select a category from the list. In the contact list, you can display contacts by category.
- 4 To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see **Notes: Capturing Thoughts and Ideas** later in this chapter.
- 5 When finished, tap **OK** to return to the contact list.



## To Find a contact :

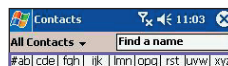
There are 6 ways to find a contact:



- 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.



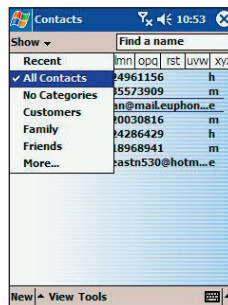
- 2 Tap one of the grouping of letters displayed across the top of the screen.



- 3 In the contact list, enter a contact name in the box under the navigation bar. To show all contacts again, clear text from the box or tap the arrow button to the right of the box.




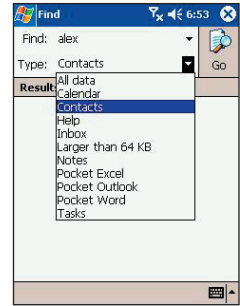
- 4 In the contact list, tap the category list (labeled **All Contacts** by default) and select the type of contact that you want displayed. To show all contacts again, select **All Contacts**. To view a contact not assigned to a category, select **No Categories**.



- 5 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.



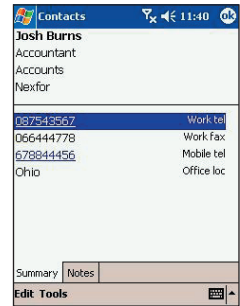
- 6 Tap  → **Find**, enter the contact name, select **Contacts** for the type, and then tap **Go**.



## 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**.

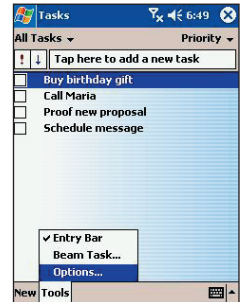


## 6.3 Tasks : Keeping a To Do List

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**.



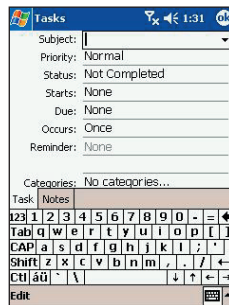
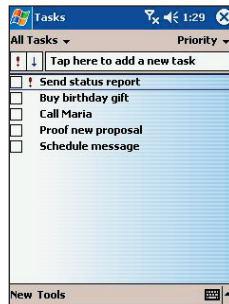
## To create a task :



- 1 Tap  → **Tasks** → **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.
- 4 To assign the task to a category, tap **Categories** and select a category from the list. In the task list, you can display tasks by category.
- 5 To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information 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**.




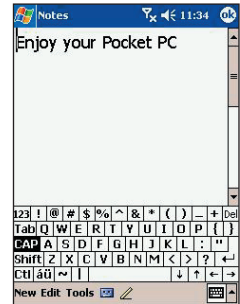
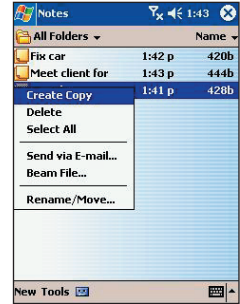


## 6.4 Notes : Capturing Thoughts and Ideas

**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  → **Notes** → **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**

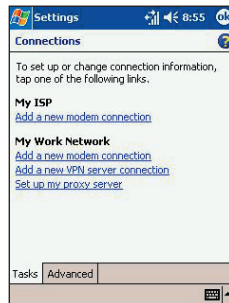
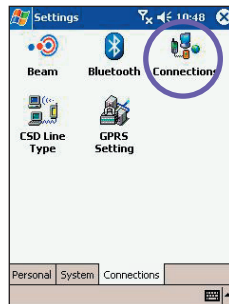
## 7.1 About Connections

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.

- 1 Obtain the following information from your ISP: **ISP server phone number**, **user name**, and **password**.
- 2 Tap  → **Setting** → **Connections** tab → **Connections**
- 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)**.

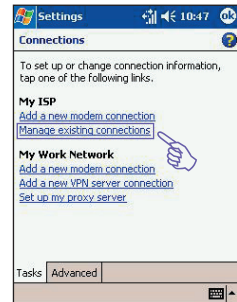
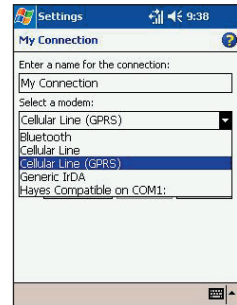
- 5 To start the connection, begin using the desired program. For example, switch to Pocket Internet Explorer and browse to a Web page. Your device will automatically connect.



- 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:



- 1 Tap  → **Settings** → **Connections** → then **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

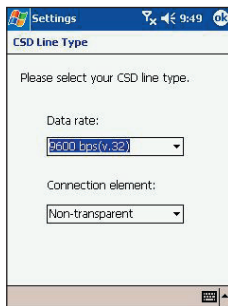
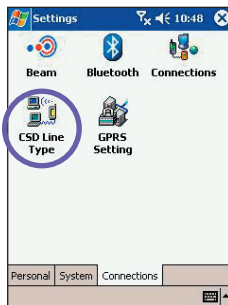
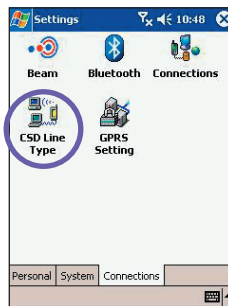
**Password Authentication Protocol**, protocol used in authentication which users clear text passwords and is the least sophisticated of authentication protocols.

### ■ 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.



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

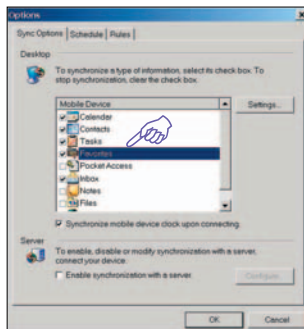
When connected to an ISP or network, you can also download files and programs from the Internet or intranet.

### To switch to Pocket Internet Explorer :








Tap  → **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 :

- 1 In the address bar that appears at the top of the screen, enter the Web address you want to visit.
- 2 Tap  to go to the web address you entered.
- 3 Tap , the **Favorites** button, then tap the favorite you want to view.
- 4 Tap  to go back to the **Homepage** you set.
- 5 Tap  to refresh the web page on the screen.
- 6 Tap the arrow  to choose from previously entered addresses.

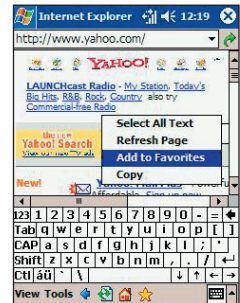


## To view mobile favorites and channels :

- 1 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

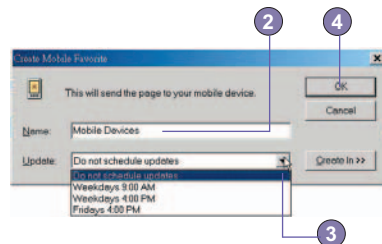
During synchronization, the list of favorite links in the **Mobile Favorites** folder on your PC is synchronized with **Pocket Internet Explorer** on your device. Both your PC and your device are updated with changes made to either list each time you synchronize. Unless you mark the favorite link as 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 :

- 1 In **Internet Explorer** on your desktop computer, click **Tools** and then **Create Mobile Favorite**.
- 2 To change the link name, enter a new name in the **Name** box.
- 3 In **Update**, select a desired update schedule.
- 4 Click **OK**. Internet Explorer downloads the latest version of the page to your desktop computer.
- 5 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.

- 6 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**.



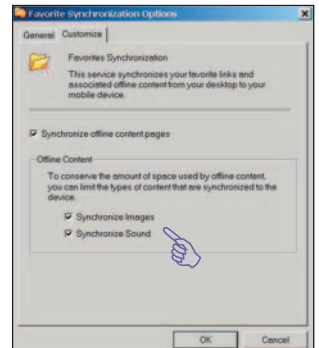
## b. Saving Device Memory

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



In **ActiveSync** on your desktop → click **Options** → select **Favorites** → 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.



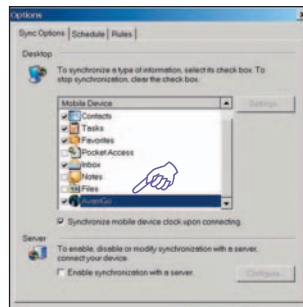
## Using AvantGo Channels

**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 :



- 1 In **ActiveSync** options on the desktop computer, turn on synchronization for **AvantGo**.
- 2 Open **Pocket Internet Explorer** on your device, then tap the **Favorites** button to display your list of favorites.
- 3 Tap the **AvantGo** Channels link.
- 4 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.

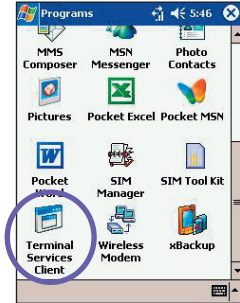


## 7.4 Terminal Services Client

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.

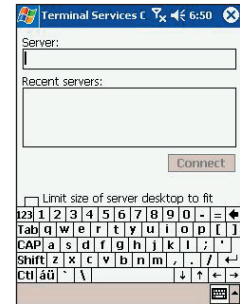


- 1 Tap  → **Programs** → **Terminal Services Client**.
- 2 If connecting to a server you have previously connected used, tap its name in **Recent Servers**.
- 3 To connect to a new server, enter the server's name in the **Server** box. Select the **Limit size of desktop to fit on the screen** check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




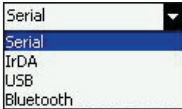
If the network administrator has configured **Terminal Services Client** to reconnect to disconnected sessions, and you previously disconnected from a **Terminal Server** without ending the session, the **Terminal Services Client** reconnects to that session.

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

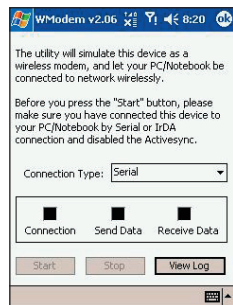


## 7.5 Wireless Modem

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 **IrDA**, you need install the software "**IrCOMM2K**" to transform **IrDA** port as a **COM** port on your PC/Notebook. You can download it from the web site <http://www.ircomm2k.de>.

- 1 Tap  → **Programs** → then tap **Wireless Modem**.
- 2 Select a connection type : 
- 3 Connect your device via infrared or serial to a note-book or PC, and then tap **Start**.

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**.

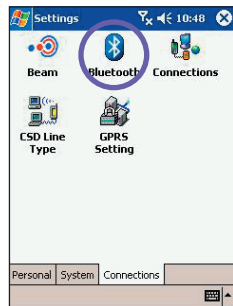


## 7.6 Bluetooth

**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:

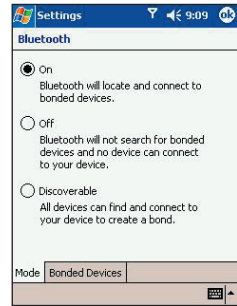
- 1 Tap  → **Setting** → **Connections** tab
- 2 Tap **Bluetooth**.
- 3 Select **On** or **Off**. The Bluetooth radio is turned on or off according to your selection.




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:





- 1 Tap  → **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

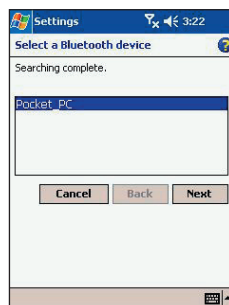
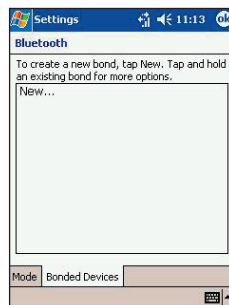
A **bond** is a relationship that you create between your Pocket PC and another **Bluetooth** device in order to exchange information in a secure manner. Creating a bond involves entering the same personal identification number (PIN) on the two devices you want to bond. You need only create a bond once 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.

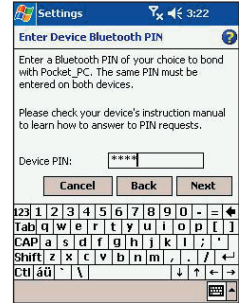


- 1 Make sure that the two devices are within 10 meters of one another and that Bluetooth is in discoverable mode on both devices.
- 2 Tap  → **Settings** → **Connections** tab.





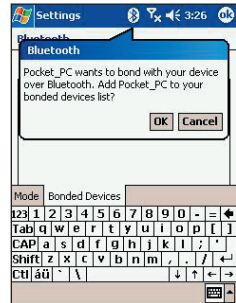
- 3 Tap **Bluetooth** → **Bonded Devices** tab → **New**. Your device searches for other Bluetooth devices and displays them in the list.
- 4 Tap the name of the other device in the list, and then **Next**.
- 5 In **PIN**, enter a PIN of between 1 and 16 characters and tap **Next**.
- 6 Enter the same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



## b. To accept a Bond :




- 1 Make sure that Bluetooth is turned on and in discoverable mode.
- 2 When prompted to bond with the other device, tap **OK**.
- 3 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.
- 4 If you want, in **Name**, edit the name of the device requesting the bond.
- 5 Tap **Finish**.




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

### c. To rename a Bond :

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

### d. To delete a Bond :

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

## Beaming Information with Bluetooth

- 1 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.
- 2 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.

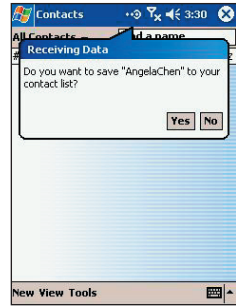
Contacts		Find a name
# a c d e f g h	i j k l m n o p q r s t u v w x y z	
Call Work	ai@philips...e	
Call Home	366 h	
Call Mobile	839 w	
Send Email	156 h	
Add to Speed Dial...	@ms23.hi... e	
	738-5622...w	
	526 h	
Beam Contact...	488 m	
Delete Contact	shyu@gen... e	
	909 m	
Send SMS	allwin.co... e	
Save To SIM	138 w	
SIM Manager	828 m	
Photo Contacts	all.euphon... e	
Photo View	816 m	
Assign Photo		

## Receiving a Bluetooth Beam



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

The information is now stored on your device.




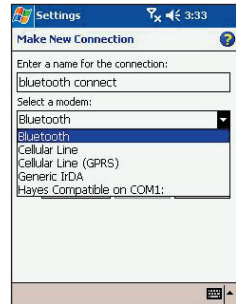
## Using a Bluetooth Phone as a Modem

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.



- 1 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.
- 2 If you have not already done so, create a Bluetooth phone connection by following steps 3 through 16. Otherwise, skip to step 17.
- 3 Tap  → **Settings** → **Connections** tab.
- 4 Tap **Connections** → **Add a new modem connection**.
- 5 Enter a name for the connection.
- 6 In the **Select a modem** list, tap **Bluetooth** → **Next**.



- 7 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.
- 8 If the phone appears in the **My Connections** list, skip to step 14. If not, tap **New** and follow the remaining steps.
- 9 In the list, tap the phone and then **Next**.
- 10 In **PIN**, enter a PIN of between 1 and 16 characters, and tap **Next**.
- 11 Enter the same PIN on the phone.
- 12 If you want, in **Name**, edit the name of the phone.
- 13 Tap **Finish**.
- 14 In the **My Connections** list, tap the phone, and then **Next**.
- 15 Enter the phone number to dial for this connection and tap **Next**.
- 16 In **User name**, **Password**, and **Domain**, enter the logon information for this connection and tap **Finish**.
- 17 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 :



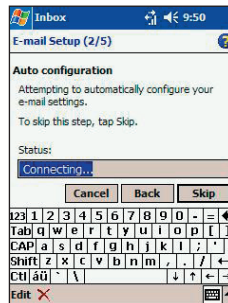
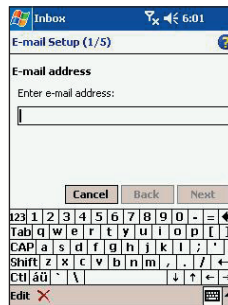
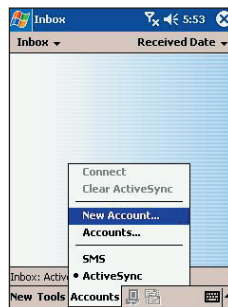
1 Open **Inbox** on your device, tap **Accounts**, and then **New Account**. Follow the directions in the **New Account Wizard**.

2 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 e-mails.
- If **auto-configuration** is unsuccessful you will need to manually enter the settings.




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

- 4 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**.

- 6 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  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.

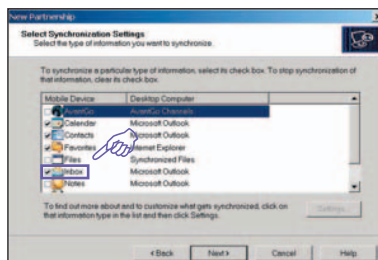
### a. Synchronizing E-mail Messages

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



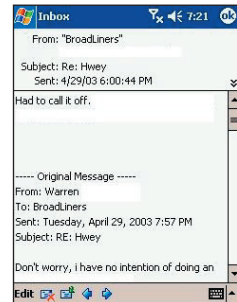
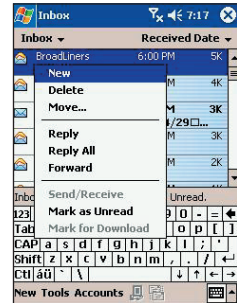


## b. Connecting Directly to an E-mail Server

- 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.

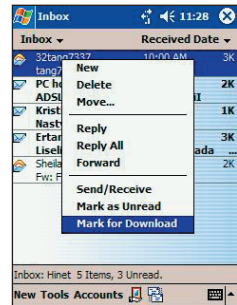
## c. Using the Message List

- 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:
  - 1 Change options for Inbox synchronization using **ActiveSync** options. For more information, see [ActiveSync Help](#).
  - 2 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

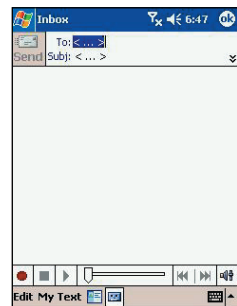


- 1 Tap **New**.
- 2 In the **To** field, enter either **e-mail address** of one or more recipients, separating them with a semicolon, or select a name from the contact list by tapping the **Address Book** button. All e-mail addresses entered in the e-mail fields in Contacts appear in the Address Book.



**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 **Send** 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 :



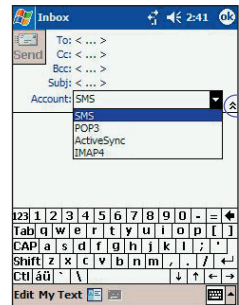
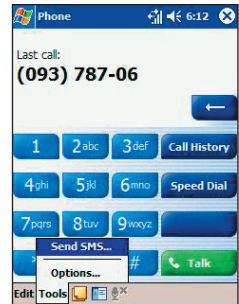
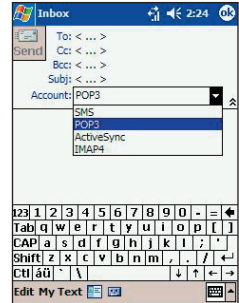
- 1 In phone dialer screen, tap **Tools**, and then **Send SMS**. A new message screen appears in **Inbox**.
- 2 In the **To** field, enter the **SMS number** of one or more recipients, separating them with a semicolon, or select a name from the contact list by tapping the **Address Book**  button.
- 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**.

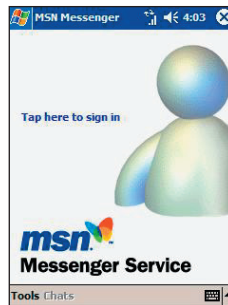


If you have a **Hotmail®** or **MSN** account, you already have a Passport.

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

### To switch to MSN Messenger :

 Tap  → Program → **MSN Messenger**



## Setting Up and Signing In

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

2 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

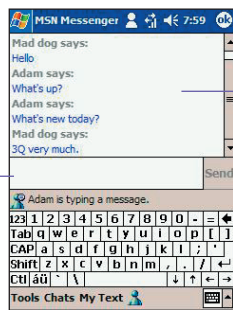
Tap a contact name to open a chat window. Enter your message in the text entry area at the bottom of the screen, or tap **My Text** to enter a preset message, then tap **Send**. To invite another contact to multi-user chat, open the **Tools** menu, tap **Invite** then tap the contact you want to invite.

Enter message here.




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

View full chat.




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:

- 1 Tap  → **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

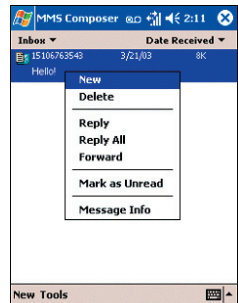
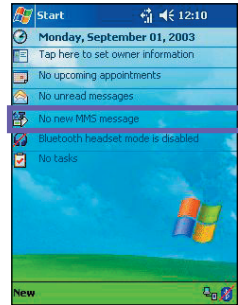
#### To view message folders:

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

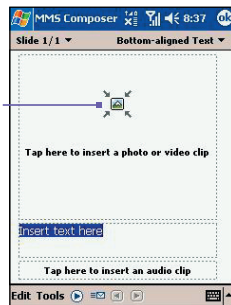
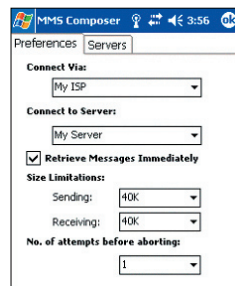
Options	Explanations
<b>New</b>	Creates a new message.
<b>Delete</b>	Removes the message.
<b>Reply</b>	Lets you respond to the message by sending one of your own.
<b>Reply All</b>	Responds to everyone included in the initial message.
<b>Forward</b>	Sends the message to someone else.
<b>Mark as Unread</b>	Makes the message appear as if it is a newly received message.
<b>Message Info</b>	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:

- 1 Tap  → **Programs** → **MMS Composer**.
- 2 Tap **Tools** → **Options** → **Preferences** tab .You have the following options:



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

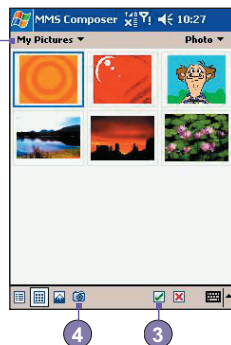


## Creating a Message

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:

- 1 Tap the blue box to select a specific location that contains photos/videos.
- 2 Choose either **Photos** or **Videos** from this pull-down. 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**.
- 4 To take a new picture or video clip press the **Camera** icon . The picture or video clip will be automatically inserted.





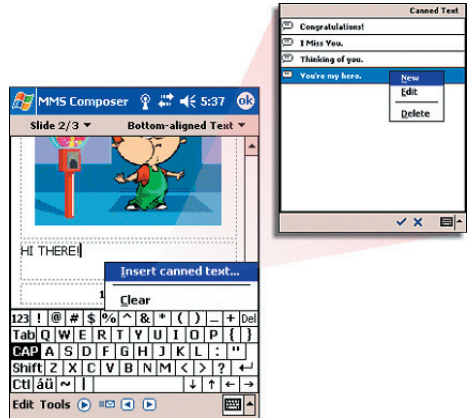
## To add text:

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:

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



## To add audio clips:

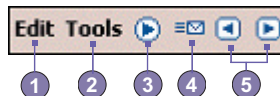
Single audio clips can be added to each slide. You can either include an existing sound file, or record a new one.

- - 1 Tap in the **Tap here to insert an audio clip** box.
  - 2 From the drop-down menu select a location that contains audio files.
  - 3 Preview the audio files by tapping on them. Use the toolbar below to **Stop** and **Play** the file.
  - 4 To insert the clip tap . Otherwise, tap .
  - 5 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:





### 1 Edit


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

### 2 Tools

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

3  - Previews your message (as mentioned directly above).

4  - Tap here when you're ready to send your message.

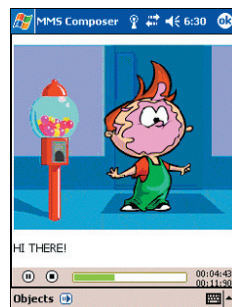
5  - These buttons let you navigate through the various slides in your message.

## Viewing a Message

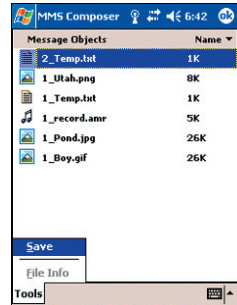
You have several options when viewing a message that you receive:



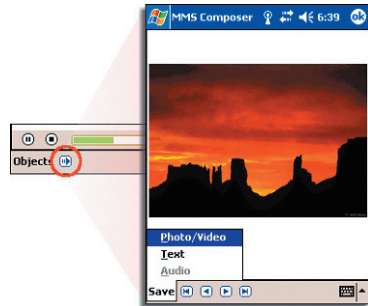
1 Use the **playback** controls (**Play/Pause**, **Stop**) to view the message. You can pause it anytime during playback.



- 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



- 3 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.

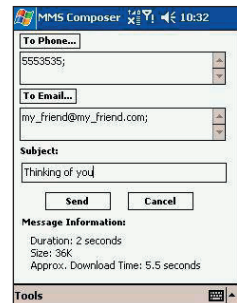


## Sending a Message

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.
- 2 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.
- 4 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**.

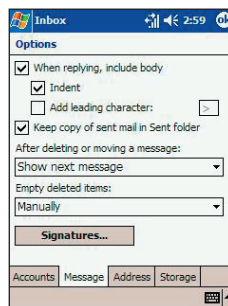
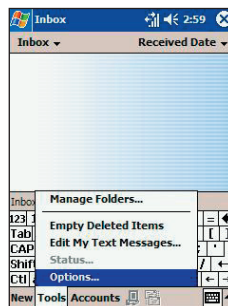
## 8.5 Managing Messages and Folders

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.

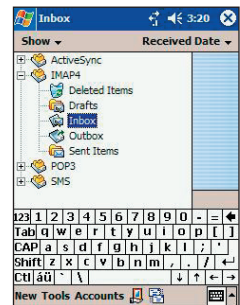
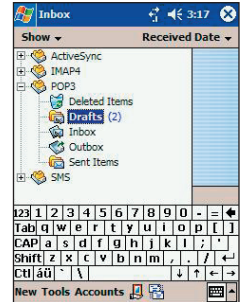
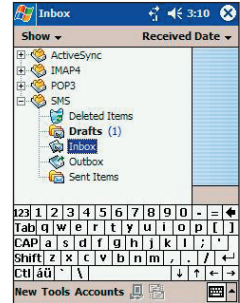
To organize messages into additional folders, create new folders by tapping **Tools**, then **Manage Folders**. To move a message to another folder, in the message list, tap and hold the message and then tap **Move to** on the pop up menu.

### 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.
- 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**

**9.6 Document Viewers**

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  menu, and then tap the program name.



## 9.1 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.

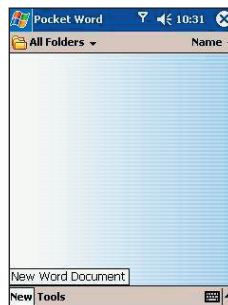
### To create a new file :

- 1 Tap  → **Programs** → **Pocket Word** → and then **New**. A blank document appears.
- 2 If you have selected a template for new documents in the **Tool** → **Options** dialog box, that template appears with appropriate text and formatting already provided.



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





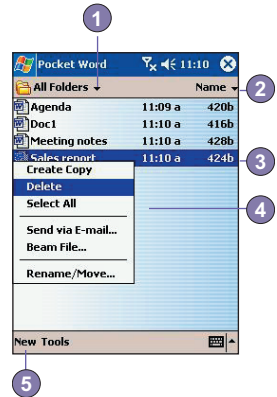
- 1 Select the folder type you want displayed in the list.
- 2 Tap to change the sort order of the list.
- 3 Tap to open a document.
- 4 Tap and hold an item to see a pop-up menu of actions.
- 5 Tap to create a new documents.



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.

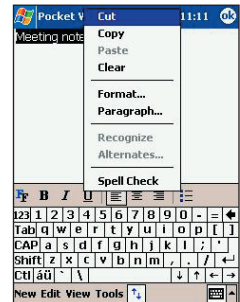
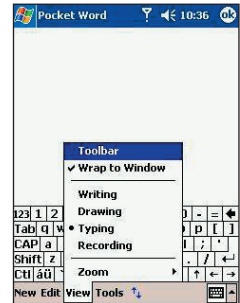


## Entering Information in a New File

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.)

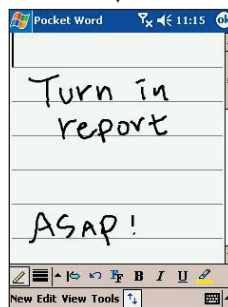
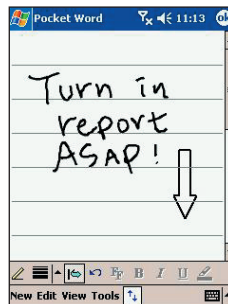
### b. Writing Mode

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.

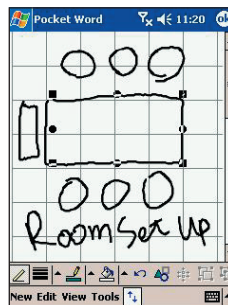


### c. Drawing Mode

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

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

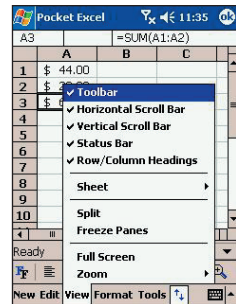
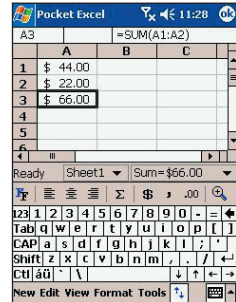
Pocket Excel provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering. To display the toolbar, tap **View** and then **Toolbar**.



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).



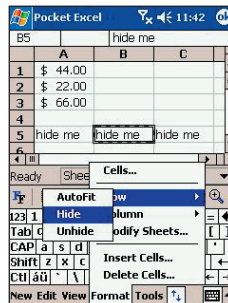
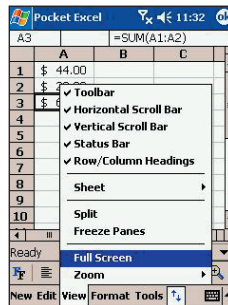
If your workbook contains sensitive information, you can protect it with a password. To do so, open the workbook; tap **Edit**, and then **Password**. Every time you open the workbook, you will need to enter the password, so choose one that is easy for you to remember but hard for others to guess.




## 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.

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

## 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 its 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.



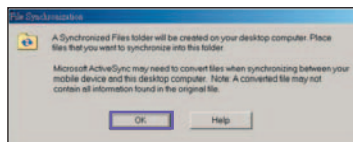
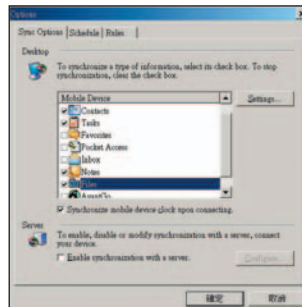
## Getting Books on Your Device

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**.



- 1 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 must put files you wish to synchronize)
- 2 If you have not already activated your device, open your web browser, go to <http://das.microsoft.com/activate> and follow the instructions.
- 3 Go to [www.microsoft.com/reader/shop.asp](http://www.microsoft.com/reader/shop.asp) for a list of retailers selling **MS Reader** e-Books.
- 4 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.
- 5 Go to one of the **MS Reader** e-Book sites, and follow the instructions for choosing, purchasing and downloading a book to your desktop.
- 6 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 :

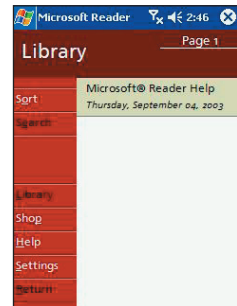
- 1 Tap  → **Programs** → **Microsoft Reader**.
- 2 On a book page, tap the book title, and then tap **Library** on the pop up menu.

### b. To open a book :

- 1 Tap its title in the Library list.

## Reading a Book

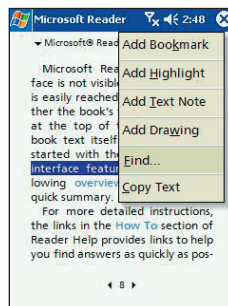
- Each book consists of a cover page, an optional table of contents, and the pages of the book. Navigation options are listed in the bottom portion of the cover page.
- Subsequently, whenever you open the book, you'll be automatically taken to the last page read.
- In addition to the text, each book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



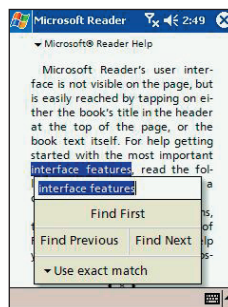
## Using Reader Features

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.

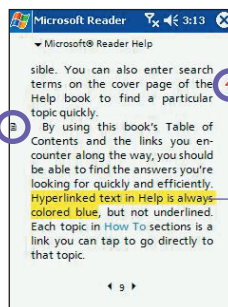
Tap here to see the notes you have made.

- **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.

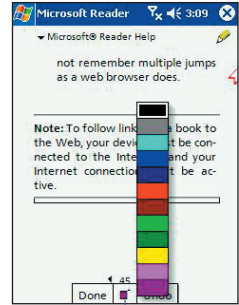
Bookmarks have been made



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 bookmarks, 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 Pictures

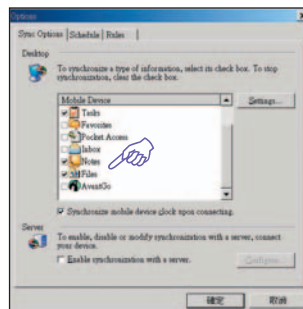
**Pictures** collects, organizes and sorts **.jpg** picture files on your device. You can download images to your PC, and then use ActiveSync to copy the files to your Pocket PC Phone. After that, you can view the images as a slide show.



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

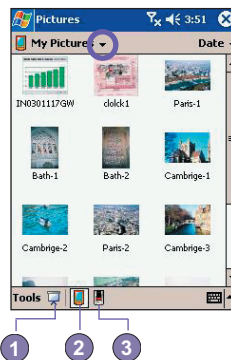


- 1 Tap  → **Programs** → **Pictures**.
- 2 Tap **My Pictures** and select a folder from the drop-down menu.

### Viewing Pictures



- 1 In picture, tap  to view pictures as a **slide show**.
- 2 Tap  to view pictures stored in your **My Picture** folder.
- 3 Tap  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

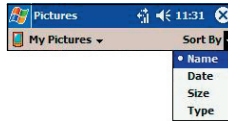


- 1 Tap  → **Programs** → **Pictures**.
- 2 Tap **Name** and select an option from the drop-down menu.

## 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

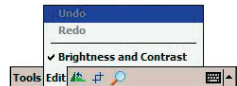
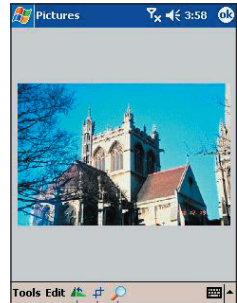
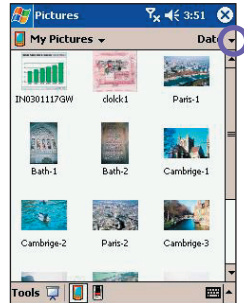
You can **rotate**, **crop**, **zoom** and adjust the **brightness** and **color contrast** of your .jpg pictures.



- 1 Tap  to rotate a picture 90 degrees counter-clockwise.
- 2 Tap  to crop a picture by dragging and selecting the crop area. Tap outside of the box to stop cropping.
- 3 Tap  to display the Zoom panel, from which you can zoom in or out of a picture, or return a picture to full-screen size.
- 4 Tap **Edit** → **Brightness and Contrast** to adjust the brightness and contrast levels of a picture.



Tap **Edit** → **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.

- 1 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**.

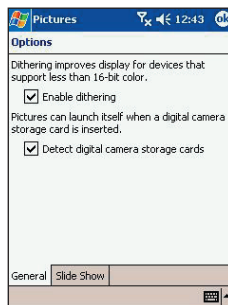
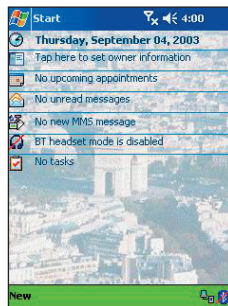


## Customizing Pictures


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:

- 1 Tap  → **Programs** → **Pictures**.
- 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**.

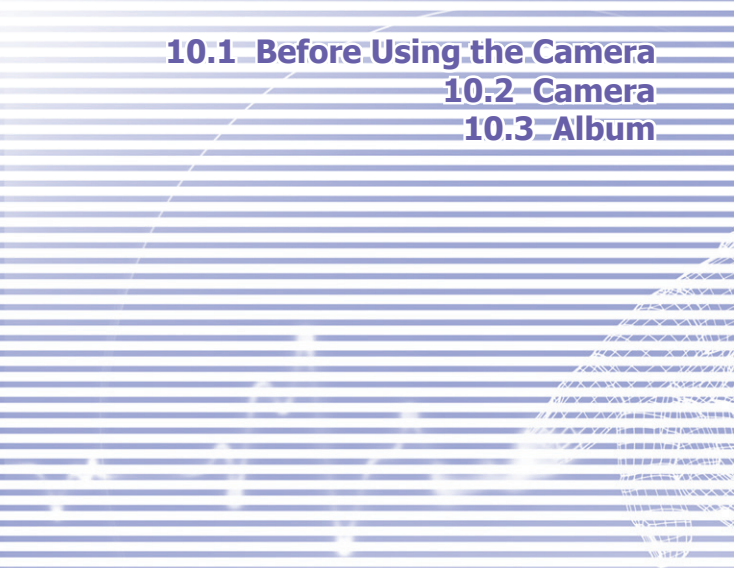
# Chapter 10

## Using Your Camera

**10.1 Before Using the Camera**

**10.2 Camera**

**10.3 Album**



## 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	<b>BMP</b> <b>GIF</b> <b>JPEG</b>
Animation format	<b>Animated GIF</b>
Video formats	<b>Motion-JPEG AVI</b> (.avi) <b>MPEG-4 Simple profile</b> (.mp4) <b>3GPP-H.263 baseline</b> (.3gp)
Audio formats	<b>MPEG-4 AAC</b> (Advanced Audio Coding in .mp4 format) <b>AMR-Narrow Band</b> (in .mp4 and .3gp format) <b>WAV</b> <b>MIDI</b> (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	<b>BMP</b> <b>JPEG</b>
Video formats	<b>Motion-JPEG AVI</b> (.avi) <b>MPEG-4 Simple profile</b> (.mp4) <b>3GPP-H.263 baseline</b> (.3gp)
Audio formats	<b>AMR-NB</b> (Adaptive Multi-Rate Narrow Band)

## 10.2 Camera




There are two ways to enter the **Camera** mode :

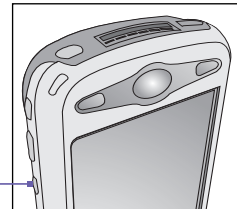


1 Tap  → **Program** → **Camera**.

2 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

## 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.

### 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.

### Camera Settings screen

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.

### Up and Down Buttons

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

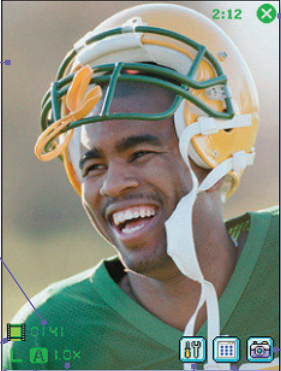




## Image Capture submode

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 camera-ready state. If red (when in **Image Capture** submode), it indicates that an image capture is currently in progress.



The current **Capture Size**:

- L = Large (480x640)
- M = Medium (240x320)
- 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**
-  **Composite**

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).

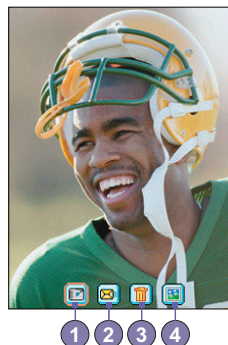
If the **Review file after capture** checkbox is currently checked in the **Options** → **General** screen, then immediately after you capture an image, it will be displayed on the screen along with four icons.



- 1 To return to the previous screen, tap the Camera icon.
- 2 To immediately send a captured image/video, tap the mail icon then select an option from the **Send File** dialog box.
- 3 To delete the image press the rubbish bin option.
- 4 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 Capture	Large (240 x 320)	1.0x to 2.0x	1x = normal size (no Zoom) 2x = double enlargement 3x = triple enlargement 4x = quadruple enlargement
	Medium (144 x 176)	1.0x to 3.0x	
	Small (96 x 128)	1.0x to 4.0x	
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 :

- 1 Tap the **Camera** or composite icons until the video capture icon appears.
- 2 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 camera-ready 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.

## 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.

This particular template happens to require two captured images. In this example, "1 / 2" indicates that the next capture will be Capture #1 and will fill the first Place Holder that currently has the focus.

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, 494 more images can be captured with the current settings and space available.

A green icon indicates a camera-ready state. If red, it indicates that an image capture is currently in progress.

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



Exits **Camera** mode and returns to the previous screen.

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



**Camera mode**



**Video Capture**

Opens the **Camera Settings** screen.

Tap to switch to **Thumbnail View of Album** mode.

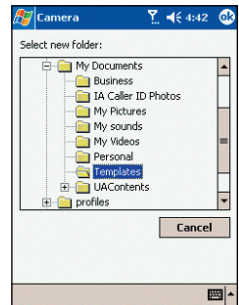
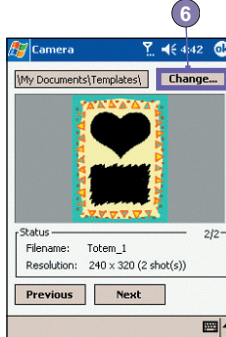
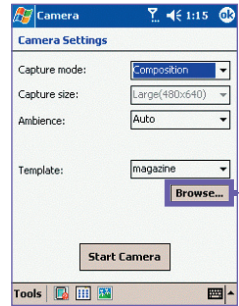
1.0x indicates normal size. In **Composition** mode, you can zoom to a maximum of 2.0x. Press the Up button on your Pocket PC to Zoom In.



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).

## To change the template:


- 1 Enter **Composition Capture** submode.
- 2 Press the **Right** navigational button on your Pocket PC to load the next sequential template, or the **Left** button to display the previous.
- 3 Or, tap the **Camera Settings** icon in the LCD Display Panel to display the **Camera Settings** screen.
- 4 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.
- 6 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.

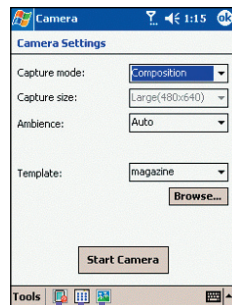


## Camera Settings screen

When in any of the capture submodes (**Image**, **Video**, or **Composition**), you can tap  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



- ① Access the **Help Messages** for **Camera Wizard** and automatically displays an illustration of the usage of the buttons on your Pocket PC.
- ② Switches to the **Thumbnail View** of **Album** mode.
- ③ Switches to the **Detailed View** of **Album** mode.


Settings	Explanation
<b>Capture Mode</b>	Select the mode - <b>Image</b> , <b>Video</b> , or <b>Composition</b> - you want to create settings for.
<b>Capture Size</b>	The choices for <b>Capture Size</b> will be different, depending on whether you are in <b>Image Capture</b> submode or <b>Video Capture</b> submode. Higher <b>Capture Size</b> settings produce larger file sizes.
<b>Ambience</b>	<p>Open a drop-down list that lets you easily adjust the <b>Capture</b> screen to look its best in various environments.</p> <p>If you select <b>Effects</b> in the <b>Ambience</b> field, an additional drop-down list of options is available. These options also affect the appearance of the incoming video stream :</p> <ul style="list-style-type: none"> <li>■ <b>Grayscale</b> (black and white)</li> <li>■ <b>Sepia</b> (reddish tint)</li> <li>■ <b>Cool</b> (bluish tint)</li> <li>■ <b>Negative</b> (darkness and lightness reversed)</li> </ul>

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.

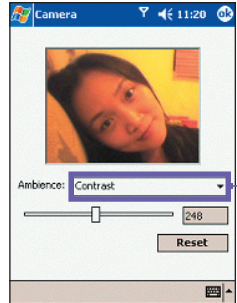
## Tools Menu

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

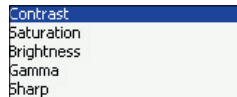
### a) Adjust...

- 1 Tap **Tools** and then **Adjust...** below. In the drop-down 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.
- 3 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.



The drop-down list of the Ambience:

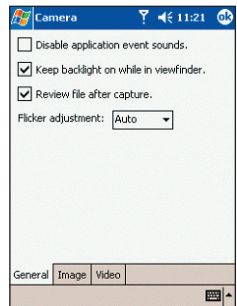


### b) Options...

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

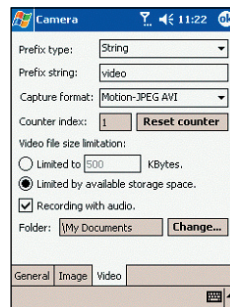
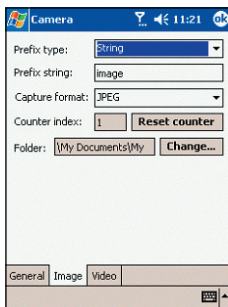
#### - General tab

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.



## - Image tab

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



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



## - Video tab



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

Options	Function
<b>Prefix Type and Prefix String</b>	By default, the filename of each new captured video file will be <b>“video”</b> followed by a sequential number, for example: <b>video_00001.avi</b> . If you wish to change this prefix to a different arbitrary text string, select <b>String</b> in the <b>Prefix Type</b> field and type the desired characters into the <b>Prefix String</b> field. For example, entering <b>“vacation”</b> in the <b>Prefix String</b> field would produce the filename <b>vacation_00001.jpg</b> . Alternatively, you can choose <b>Date</b> or <b>Date and Time</b> as the <b>Prefix Type</b> .
<b>Format</b>	You can choose for your captured video clips to be saved in either the <b>Motion-JPEG AVI</b> , <b>H.263</b> (3GP), or <b>MPEG4</b> file formats.
<b>Counter Index</b>	By default, sequential numbers are automatically incorporated into each filename for all new video files you capture, such as <b>00000</b> , <b>00001</b> , <b>00002</b> , etc. The number follows the Prefix (explained above). To reset the numbering to <b>“00000”</b> for your captured video files, tap <b>Reset counter</b> .
<b>Recording Limitation of Video Size</b>	If you wish to limit video captures so that the capture automatically stops when a certain file size is reached, select the <b>Limited to Kilobytes</b> button, then enter the desired number in the text box. If you don't want to limit the file size, select the <b>Limited by available storage space</b> button (the default). This means video capture will continue until your available storage space is all consumed.
<b>Recording with Audio</b>	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).
<b>Folder</b>	By default, your captured video files will be saved to your <b>\My Documents</b> folder. The current “Save” folder is displayed in the <b>Video</b> tab. If you wish to change the “Save” folder, tap the <b>Change...</b> button. A “tree view” of your existing folders will be displayed. Select the desired folder, then tap <b>OK</b> .

## 10.3 Album

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.



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

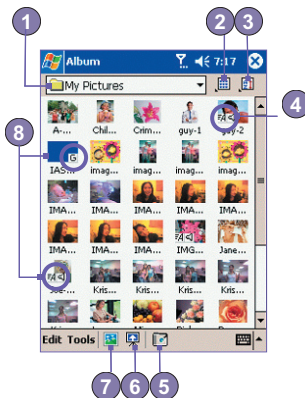
Large
Normal
Small
✓ Tiny
List

- 2 Tap to select a different thumbnail size.

- 3 To change the way the thumbnails are sorted, tap here.

Name
Size
Date
Type
Reverse

- 4 This **speaker** icon indicates that audio annotation has been recorded and associated with this file.



- 5 Tap to switch to **Camera** mode.
- 6 Tap to switch to Slide Show view.
- 7 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.
- 8 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.

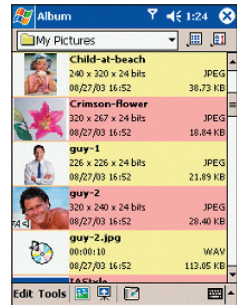


- 1 In the **Thumbnail View** mode screen, Select the desired file → then select the **Annotate...** command from **Edit** menu.

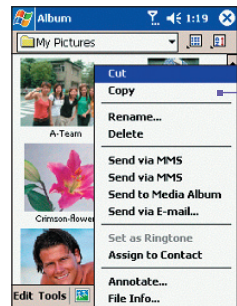




- After text annotation has been added, an  icon will be shown in the thumbnail. A separate text file will be created for that text.
- After audio annotation has been added, an  icon will be shown in the thumbnail. A separate audio file, in the **WAV** file format, will be created.

List View:



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



- 2 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).

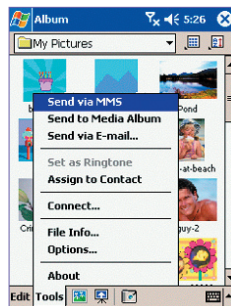
## Sending MMS, E-mail in Album



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

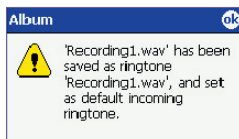


In addition, if you have an **MMS** client, the menu will contain the **Send via MMS** command.



## 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.



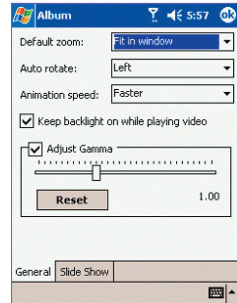
## Assign to Contact

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 ID**.
- 2 Select **Assign to Contact**. The **Photo Contacts** application will be invoked. The **Contact** entries in your **Pocket Contacts** will be displayed.
- 3 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.).
- 4 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**.



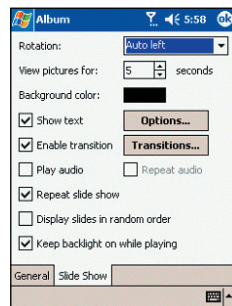
### - General tab

Function	Explanation
<b>Default zoom</b>	The setting in the <b>Default Zoom</b> field controls the size of the selected file when it is initially displayed in <b>Detailed View</b> . If set to <b>Smart</b> , the <b>Camera Wizard</b> 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 <b>Original Size</b> from the drop-down list box. If you want <b>Camera Wizard</b> to automatically display selected files so that they fit within the screen, select <b>Fit In Window</b> .

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

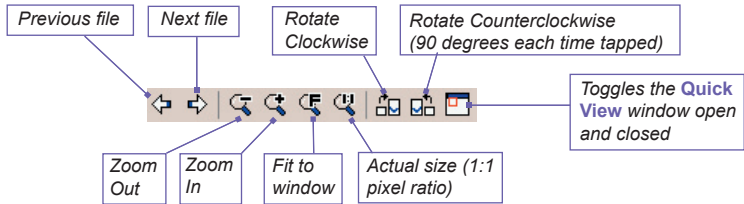
**Detailed View** mode displays the selected file in an enlarged view, and you can further manipulate the view in various ways (zoom, rotate, pan, etc.).



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



### Icons on the Toolbar



### Images too big for screen



- 1 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.
- 2 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.



## To set as Today Wallpaper:

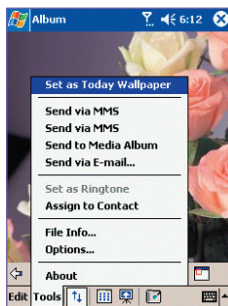
This command allows you to change the background image of the Today screen on your Pocket PC to any image you want.

- 1 In **Album**, tap to open a video file or image you want to use as the image for the wallpaper.
- 2 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.)

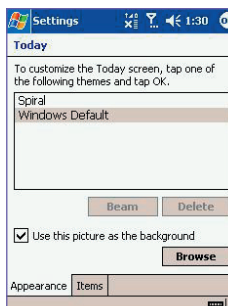
- 3 Select **Set as Today Wallpaper**. The message “The Today screen background image has been successfully changed” will display.



## 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  → **Settings** → **Today** icon in the **Personal tab** → Select **Windows Default** in the list → then make sure the **Use this picture as the background** checkbox is checked → 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.



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..

Exits **Slide Show** mode and enters **Detailed View** mode.

Exits **Slide Show** mode and enters **Thumbnail View** mode



# Appendix : A

## Maintaining Your Pocket PC

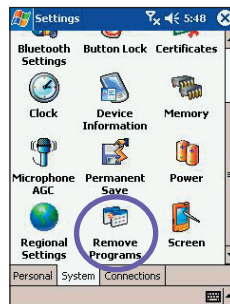
- Adding or Removing Program
  - Managing Memory
    - Backing Up Files
- Resetting your Pocket PC Phone and Clearing Memory

## 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.
- 2 Read any installation instructions, or documentation that comes with the program. Many programs provide special installation instructions.
- 3 Connect your device and PC.
- 4 Double click the .exe file.



- If the file is an installer, the installation wizard will begin. Follow the directions on the screen. Once the software has been installed on your 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  → **Programs** → and then its **program icon**.

## To add a program directly from the Internet :




- 1 Determine your device and processor type so that you know which version of the software to install.
- 2 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.
- 3 Read any installation instructions, Read Me files, or documentation that comes with the program. Many programs provide special installation instructions.
- 4 Tap the file, such as a \*.xip or \*.exe file. The installation wizard will begin. Follow the directions on the screen.



## To remove a program :



Tap  → **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  → **Settings** → **System** tab → and then tap  **Memory** icon.

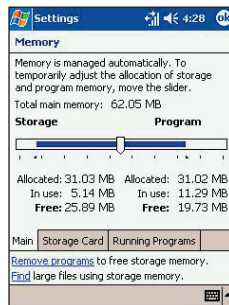
### Finding Space in Storage memory

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

- 1 Tap  **Programs** → and then **File Explorer**.
- 2 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**.

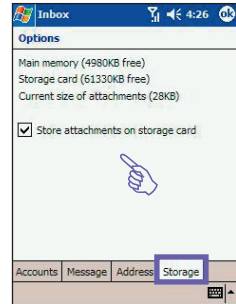
Files stored in folders other than **My Documents** or stored in folders within sub-folders in My Documents may not show up in the list view of some programs. When using **Notes**, **Pocket Word**, or **Pocket Excel**, you can also move files by opening the item and tapping **Tools** or **Edit** and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



## b. Move e-mail attachments



- 1 On **Inbox** → tap **Tools** → and then **Options**.
- 2 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.

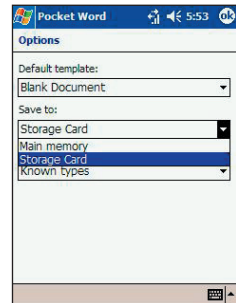


## c. Save new items on the storage card

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




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




## d. Delete unnecessary files



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

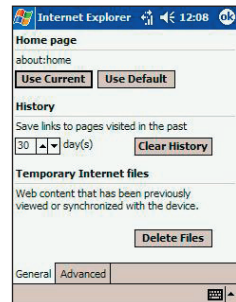


To find your largest files, tap  and then **Find**. In the **Type** list, tap **Larger than 64 KB**, and then tap **Go**.

## 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

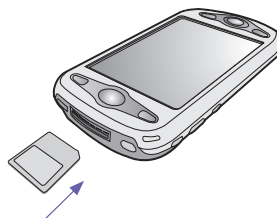
Your device has an expansion slot compatible with a range of SD and MMC Memory cards, which are primarily used to backup or transfer files and data.

To insert or remove a memory card:



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

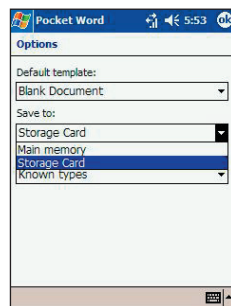
When you receive your device there will be a piece of plastic in the slot; remove as described in "2" above.



## To save Word or Excel files to a memory card :




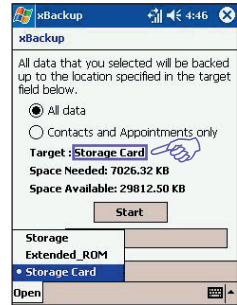
- 1 Push the **memory card** into the slot until it clicks into place. The card is secure when it is not protruding from the base.
- 2 In application programs (e.g. **Pocket Word** or **Excel**), press **Tools** → **Options**.
- 3 Tap the drop down menu box under **Save To** and select **Storage Card**.






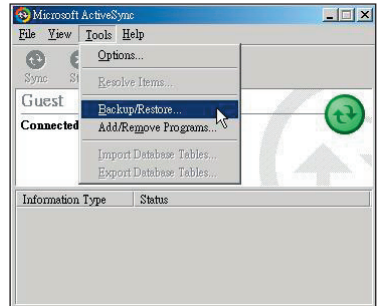
## Backup or restore your system using xBackup :

- 1 Tap  → **Programs** → **xBackup** → then the **Backup** or **Restore** tab.
- 2 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 drop-down menu of **Tool** in **ActiveSync**.
- 3 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 the same time.



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

Press and hold the power button.



# Appendix : B

## Regulatory Notice

- Regulatory Agency Identification
  - European Union Notice
- Important Safety Information
  - General Precautions
- Safety Precautions for Power Supply Unit

## 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	<b>PH15x</b>
CF Back Pack	<b>PH16x</b>
Battery Pack	<b>PH17x</b>



- 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 Information Technology 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 portable 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 WLAN 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**
- **SAR : 0.271 mW/10g**

## 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 guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures .

- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and receiver.**
- **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 body-worn 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°C (140°F).



Li-ion

**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°C (212°F), OR DISPOSE OF IN FIRE OR WATER. REPLACE ONLY WITH SPECIFIED BATTERIES. RECYCLE OR DISPOSE OF USED BATTERIES ACCORDING TO THE LOCAL REGULATIONS OR REFERENCE GUIDE SUPPLIED WITH YOUR PRODUCT.

## 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

THIS MODEL DEVICE MEETS THE GOVERNMENT'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 Non-Ionizing Radiation Protection (ICNIRP) 1996

- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

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

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 <http://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.



# Specifications

<b>System Information</b>	
<b>Processor</b>	Intel XScale CPU at 400MHz
<b>Memory</b>	- ROM : 64MB - RAM : 128MB
<b>Operating System</b>	Windows Mobile™ software
<b>Display</b>	
<b>Type</b>	TFT-LCD 16bit, touch-sensitive, 3.5 inches
<b>Resolution</b>	240 x 320 at 65,536 colors
<b>GSM/GPRS (Tri-band) Module</b>	
<b>GSM900</b>	880 ~ 915, 925 ~960 MHz
<b>DCS1800</b>	1710 ~ 1785, 18-5 ~ 1880 MHz
<b>PCS1900</b>	1850 ~ 1910, 1930 ~ 1990 MHz
<b>Camera Module</b>	
<b>Type</b>	Color CMOS camera module
<b>Resolution</b>	VGA 480 x 640 with JPEG encoder
<b>Image Process</b>	- ALC (Auto Light Control) - AWB (Auto White Balance)
<b>Physical</b>	
<b>Dimensions (typical)</b>	69.9mm (w) x 130mm (h) x 19mm (l)
<b>Weight (typical)</b>	190g
<b>Expansion Slots</b>	
<b>SDIO/MMC supports</b>	Yes

## Controls and Lights

<b>Navigation</b>	5-way navigation pad
<b>Buttons</b>	<ul style="list-style-type: none"> <li>- 4 program buttons : Calendar, Contacts, Camera, Record</li> <li>- 2 phone function : Call, End</li> <li>- Volume control button (up, down)</li> <li>- Power on / off</li> <li>- Reset button</li> </ul>
<b>LED Lights</b>	<ul style="list-style-type: none"> <li>- Event notification</li> <li>- Charge status</li> <li>- GSM/GPRS signals</li> </ul>

## Connection

<b>Infrared</b>	SIR
<b>I/O port</b>	22-pin individual port for signals (for USB, Serial, and power)
<b>Audio</b>	Stereo headphone jack (2.5Ø)
<b>Bluetooth</b>	1.1 compliant, power class 2

## Audio

<b>Audio controller</b>	<b>AGC</b>
<b>Microphone/Speaker</b>	Built-in
<b>Headphone</b>	WAV/WMA/MP3 stereo





## Power Supply

<b>Battery</b>	<ul style="list-style-type: none"> <li>- Main : 1200mAh (typical) Li-ion Polymer removable, rechargeable battery, data retention time : 72 hrs</li> <li>- Backup : 25mAh rechargeable, data retention time : 20 mins. (in full charge)</li> </ul>
<b>AC adapter</b>	<ul style="list-style-type: none"> <li>- AC input / Frequency : 100 ~ 240 VAC / 50 ~ 60Hz</li> <li>- Rated Output : 5V / 2A DC (typical)</li> </ul>

# 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
<ul style="list-style-type: none"> <li>My Pocket PC Phone keeps turning itself off.</li> </ul>	<p>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 <b>Advanced</b> tab on <b>Power</b> setting in <b>Chapter 5</b>.</p>
<ul style="list-style-type: none"> <li>My Pocket PC Phone is not making any sound.</li> </ul>	<ol style="list-style-type: none"> <li>1 Tap  at the right corner of title bar to check the volume status.</li> <li>2 Check the settings of <b>Sound and Notifications</b> on the <b>Personal</b> tab by tapping  → <b>Settings</b>.</li> </ol>
<ul style="list-style-type: none"> <li>My Pocket PC Phone does not vibrate when the phone rings or alarms occur.</li> </ul>	<ol style="list-style-type: none"> <li>1 Tap  in the right corner of title bar to check if the vibrate function is activate.</li> <li>2 Check the setting of <b>Sound and Notifications</b> on the <b>Personal</b> tab by tapping  → <b>Settings</b>.</li> <li>3 Check the event note in your <b>Calendar</b> to see if the <b>Reminder</b> has been activated.</li> </ol>
<ul style="list-style-type: none"> <li>Screen freezes or no response</li> </ul>	<p>Reset your device. See <b>Reset your Pocket PC Phone and clear memory</b> section in <b>Appendix A</b>.</p>
<ul style="list-style-type: none"> <li>Screen is blank.</li> </ul>	<p>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 :</p> <ol style="list-style-type: none"> <li>1 Plug the AC power into the device to charge it.</li> <li>2 Reset the device. See <b>Reset your Pocket PC Phone and clear memory</b> section in <b>Appendix A</b>.</li> </ol>

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**Problem**


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**Solution**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>■ Screen is dark.</li> </ul>   | <ol style="list-style-type: none"> <li>1 Check the <b>Brightness</b> setting by tapping  → <b>Settings</b> → <b>System</b> tab → <b>Backlight</b> → <b>Brightness</b> tab.</li> <li>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.</li> </ol>  |
| <ul style="list-style-type: none"> <li>■ A warning message about <b>Running out of memory</b> pops up on the screen.</li> </ul> | <p>Memory on you Pocket PC Phone is shared between <b>storage</b> memory and <b>program</b> memory :</p> <ol style="list-style-type: none"> <li>1 Delete any unnecessary information you have entered to release <b>storage</b> memory space.</li> <li>2 Delete the unnecessary programs you have installed to release <b>program</b> memory space.</li> </ol> <p>See <b>Managing memory</b> section in <b>Appendix A</b>.</p>  |
| <ul style="list-style-type: none"> <li>■ The warning message about <b>Battery low</b> pops up on the screen.</li> </ul>         | <p>Plug the AC power in to your device to charge it.</p>  |
| <ul style="list-style-type: none"> <li>■ Screen is hard to read, or the text on the screen is too small for you.</li> </ul>     | <p>If you are having a hard time viewing a document in Notes, try changing the size of the view, just tap a zoom percentage on the <b>Tools</b> menu.</p> <ol style="list-style-type: none"> <li>1 In <b>Pocket Word</b> and <b>Pocket Excel</b>, on the <b>View</b> menu, tap <b>Zoom</b> and then select a zoom percentage.</li> <li>2 In <b>Pocket Internet Explorer</b>, on the <b>View</b> menu, tap <b>Text Size</b> and then select a size.</li> <li>3 In <b>Pocket Outlook</b> data, try enlarging the display font. To do this within <b>Calendar</b>, <b>Tasks</b> or <b>Contacts</b>, tap <b>Tools</b>, then <b>Options</b>, and then select <b>Use large font</b>.</li> </ol> |

## Tapping and Writing Problems

Problem	Solution
<ul style="list-style-type: none"><li>■ Device buttons do not respond or bring up the wrong program.</li></ul>	Check the <b>Buttons</b> setting to see if the program assignment for each function button is set as you want. Tap  → <b>Settings</b> → <b>Personal</b> tab → <b>Buttons</b> . For detailed information about <b>Button settings</b> , see <b>Chapter 5</b> .
<ul style="list-style-type: none"><li>■ Inaccurate response to stylus taps.</li></ul>	Adjust the touch screen to respond more accurately to screen taps. Tap  → <b>Settings</b> → <b>System</b> tab → <b>Screen</b> → <b>Align Screen</b> .
<ul style="list-style-type: none"><li>■ Pocket PC does not recognize handwriting.</li></ul>	For your Pocket PC to recognize your handwriting input with the stylus, you need to use <b>Transcriber</b> writing. To learn how to write in <b>Transcriber</b> , see <b>Chapter 2</b> .

## ActiveSync Problems

Problem	Solution
<ul style="list-style-type: none"><li>■ ActiveSync operation cannot be performed or connected.</li></ul>	<ol style="list-style-type: none"><li>1 Make sure the ActiveSync cradle/cable is connected securely.</li><li>2 Make sure you have installed the <b>ActiveSync software</b> included on the Pocket PC Phone 2003 companion CD.</li><li>3 Make sure you selected Local <b>USB</b> or Local <b>Serial</b>, as appropriate, from the <b>Connection Settings</b> on <b>ActiveSync Manager</b> menu on your desktop computer.</li><li>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.</li><li>5 If ActiveSync still doesn't work, remove the ActiveSync software from your desktop computer then re-install it.</li></ol>

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 Problem
 

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 Solution
 

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- 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 details about synchronizing information in *Chapter 4*.

## Connection Problems

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 Problem
 

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 Solution
 

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- 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.

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## Problem




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- Problems in  **cable**  and  **cradle**  connection.

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## Solution

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- 1 Ensure your Pocket PC Phone is turned on.
- 2 Ensure that you do not have any other active connections . Tap  → **Today**, and then tap  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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