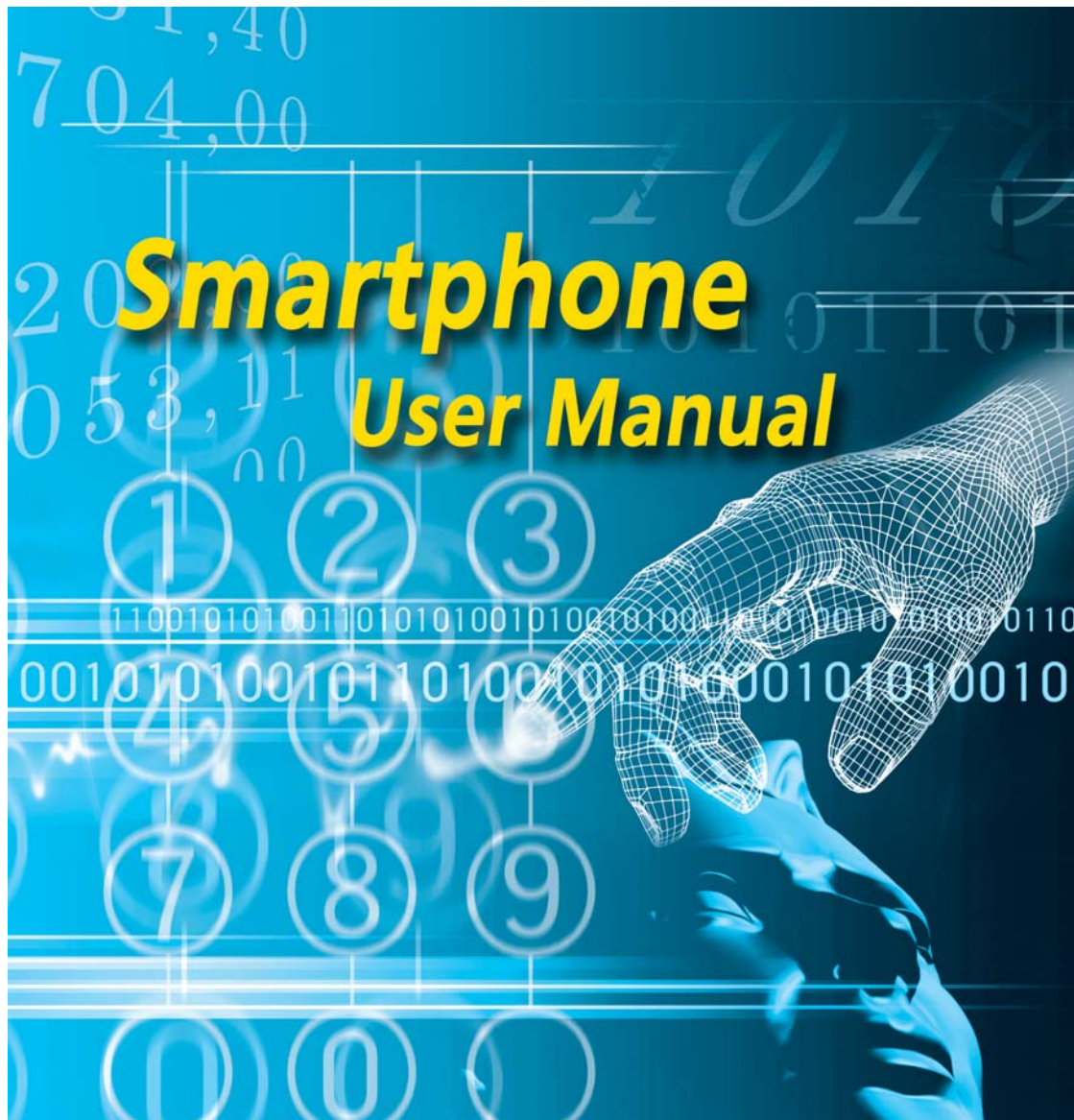




Some of the contents in this manual may differ from your phone, depending on the software installed, your R-UIM card or your service provider.

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Safety Precautions

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

■ ELECTRICAL SAFETY

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

■ SAFETY IN AIRCRAFT

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

■ SAFETY FOR EXPLOSIVE ATMOSPHERES

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

■ SAFETY ON THE ROAD

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

■ SAFETY FOR MEDICAL EQUIPMENT

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

■ NON-IONISING RADIATION

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

Important Operation Precautions

- **THE DEVICE IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX** *(For information, see Chapter 1: Getting Started).*
- **TO TURN ON YOUR SMARTPHONE PRESS AND HOLD THE POWER BUTTON FOR 3 SECONDS.**
- **DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.**
- **WHEN INSERT YOUR R-UIM CARD, MAKE SURE THE DEVICE IS POWER-OFF, THEN CLICKS IT INTO PLACE** *(For more information, see Step 1: Insert the R-UIM card in Quick Start Guide).*
- **YOUR WARRANTY IS INVALIDATED IF YOU OPEN OR TAMPER WITH THE DEVICE'S OUTER CASING** *(For more information, see the enclosed warranty card).*
- **AVOID USING THE PRODUCT NEAR METAL STRUCTURES** *(For example, the steel frame of a building).*
- **AVOID USING THE PRODUCT NEAR STRONG ELECTROMAGNETIC SOURCES , SUCH AS MICROWAVE OVENS, SOUND SPEAKERS, TV AND RADIO.**
- **AVOID USING THIS PRODUCT AFTER A DRAMATIC CHANGE IN TEMPERATURE.**

Chapter 1

Getting Started

- 1.1 Knowing your smartphone
- 1.2 Status indicators
- 1.3 Battery
- 1.4 Accessories
- 1.5 Navigating
- 1.6 Entering text and numbers
- 1.7 Securing your phone

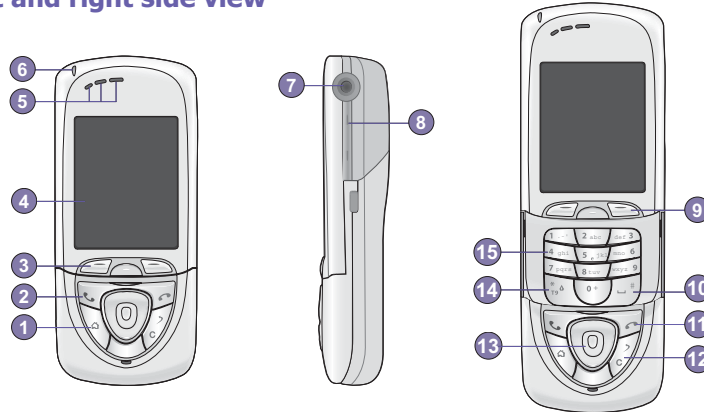


1.1 Knowing your smartphone

This chapter will help you set up your Smartphone, charge its batteries, and familiarize yourself with its various hardware and software components.

Front and right side view

1. Getting Started



1 Home

Press to return to the Home screen. Press and hold to the Quick List of Bluetooth/GPRS settings.

2 Talk/Handsfree

Press once to pick up or initiate a call. Press and hold to turn on/off the speakerphone.

3 Left soft key

This button selects the command shown on the screen immediately above the key.

4 Display

The screen on your phone that displays information. The top of the display shows the title bar.

5 Speaker

This outputs voice from calls or sound from audio media.

6 LED Indicator

- Solid green: Battery is fully charged.
- Solid red: Battery is empty.
- Solid amber: Battery is charging.
- Flashing green (blinking every second): Notification
- Flashing green (blinking every 3 seconds): Network is attached.
- Flashing red: Battery is low.
- Flashing blue: Bluetooth network is attached.
- Dim: Network is disconnected.

7 Earphone jack

When you want to listen to music or talk hands-free, insert the earphone jack here.

8 Volume

Press to adjust the volume of the earpiece and headset.

9 Right soft key

This button selects the command shown on the screen immediately above the key. The command shown changes in response to the program you are using.

10 Pound key

Pressing and holding the pound key displays a list of symbols.

11 End / Key lock

Press once to end a call. Press and hold to lock the key pad.

12 Back

Press to go back to the previous screen.

13 Navigation Pad

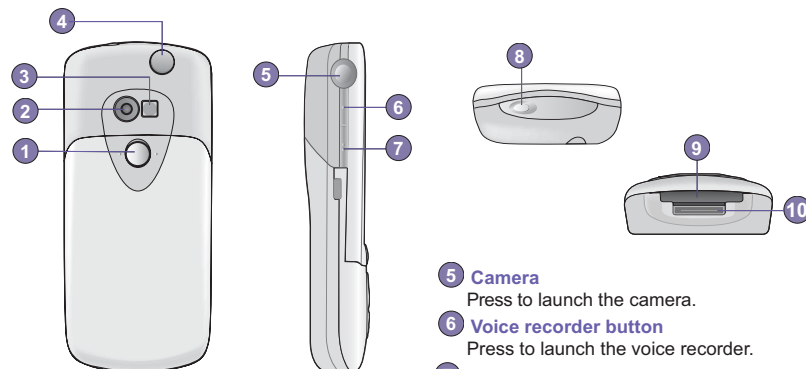
Use to move left, right, up and down through on-screen information; press the center to select.

14 Asterisk

Pressing and holding the asterisk key switches between text and numeric input modes - uppercase and lowercase.

15 Dialing keypad

Press to enter numbers and characters.

Rear, left side and top, base view**1 Mirror**

Look here for self-portraits.

2 Camera lens

To capture images or video clips.

3 Video light and flash

For taking photos or video in dimlight.

4 Car antenna connector

If your car supports, you can attach your phone to the antenna and utilize its superior reception quality.

5 Camera

Press to launch the camera.

6 Voice recorder button

Press to launch the voice recorder.

7 Voice Dialing

Press to launch the voice dialing function.

8 Power button

- Press to access the Quick List.
- Press and hold to turn on and off the phone.

9 SD / MMC card slot

Insert SD or MMC cards here to increase the capacity of your device's memory.

10 Universal connector

Attach the USB/Serial cable here when syncing with your desktop computer or notebook.

1.2 Status indicators

Status indicators are displayed in the title bar at the top of the phone's display. The following table lists common status indicators and their meanings.

Indicator	Meaning	Indicator	Meaning
	New email	2	Line 2
	New voice mail		Signal strength
	New instant message		Radio off
	Voice call active	1X	CDMA available
	Data call active		Ringer off
	Call forwarding	abc	Multipress text input mode, lowercase
	Call on hold	ABC	Multipress text input mode, uppercase
	Missed call	ABC	Multipress text input mode, caps lock
	Battery level	t9	T9 text input mode, lowercase
	Low battery	T9	T9 text input mode, uppercase
	No battery		

1.3 Battery

Your Smartphone has a removable, rechargeable Lithium ion battery. With continual use and recharging, the battery will become unusable after a matter of years and should be changed through a service center. While you are using your device, the amount of power consumed depends on whether you are talking on the phone or on standby.

Mode	Estimated battery life
Talk time	2~3 hours
Standby	100 hours



The estimates for battery life are based on you only using this function. As you will be continually interchanging between these features and functions the estimates will vary.



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

To recharge the battery

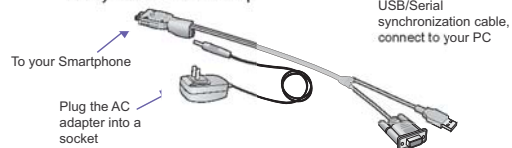
When the low-battery icon appears, save any unsaved data you are working on, perform a synchronization with your PC, then turn off your Smartphone. Do not try to restart your Smartphone until you have connected to external power. You can recharge your smartphone in the following ways:



- 1 Place your Smartphone in the cradle and connect the cradle to an external power source. The first time you use it, charge for three to four hours.

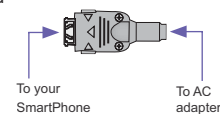


- 2 You can plug the AC adapter into the USB cable head and then connect your Smartphone directly to an external power source.

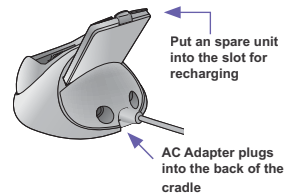


USB/Serial synchronization cable, connect to your PC

- 3 You can plug the AC adapter into the optional DC Converter and then connect your Smartphone directly to an external power source.



- 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.



1.4 Accessories

USB cradle (optional)

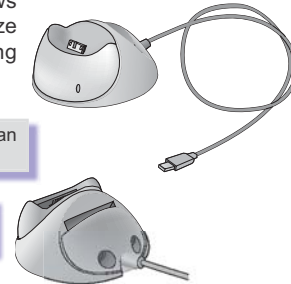
Your smartphone comes with a USB cradle. This allows you to recharge your smartphone, as well as synchronize information between your smartphone and a PC using ActiveSync.



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.



SD and MMC cards (optional)

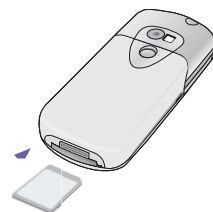
Your device has an expansion slot compatible with a range of SD and MMC Memory cards, which are primarily used to backup files or store data.



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

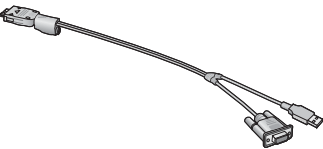


When you receive your device there will be a piece of plastic in the slot; remove as described in step 2 above.



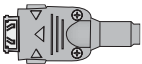
USB/Serial cable

The USB cable allows you to synchronize with your desktop. The DC converter in the head also allows you, in combination with an AC adapter, to recharge your device.



DC connector

The DC Connector in combination with the AC adapter allows you to recharge your device directly.



Stereo headset

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



1. Getting Started

1.5 Navigating

Using the navigation pad

You can scroll by pressing the navigation pad to the direction as described in the table below:

Action	Navigation
Press up	Moves the selection focus upward on the screen
Press down	Moves the selection focus downward on the screen
Press right	Moves the selection focus forward on the screen, or moves the cursor forward through characters in a text field
Press left	Moves the selection focus backward on the screen, or moves the cursor backward through characters in a text field, without deleting characters
Press center	Confirms your selection; serves as the Action button



Using the Home screen

Pressing the Home key takes you to the Home screen. You can gain access to all of the smartphone features and programs from the Home screen.

The top of the Home screen displays icons for the five programs that you have most recently used. The center of the Home screen displays your next appointment, the number of messages in Inbox, and your current profile. When you scroll to one of these items and press the navigation pad, the associated program opens.

On the bottom left side of the Home screen is the Programs menu. Pressing the soft key for this menu takes you to the list of installed programs. You can scroll to a program in the list and press the navigation pad to open it. To the right of the Programs menu is a variable menu. Pressing this soft key opens the associated program.

The Home screen displays automatically when you turn on the Smartphone or leave the Smartphone idle when it is on, but you can go to it at any time by pressing the Home key.



Using the Back key

Pressing the Back key takes you to the previous screen, in a similar manner to the Back button on a browser. In a text field, pressing the Back key moves the cursor back to delete one or more characters. This is similar to pressing the BACKSPACE key on a keyboard.



To backspace and remove one character: Press the back key.

Using the soft keys

There are two soft keys on your phone, located directly below the display screen. Each soft key performs the command displayed immediately above it on the screen, making it easy to navigate around your phone and to perform common commands.

Using menus

On many screens, the right soft key is labeled Menu. The Menu soft key displays a list of menu options that are relevant to the screen you are viewing. Selecting a menu option will either perform the command or take you to another part of the user interface where you can perform the command.



Using the Start menu

Your phone comes pre-installed with many programs that you can start using. To install additional programs on your phone, refer to the **Smartphone Companion CD** that came with your phone. To navigate to a program:

- 1 On the **Home** screen, press the **Start** soft key.
- 2 Select the program you want, and press the **Action** button.

Using numbers

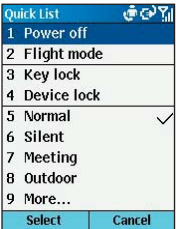
You can also use numbers to quickly navigate to programs and settings on your phone. Just press the number on the keypad that corresponds to the number shown next to the program or setting you want.

For example, in **Start menu**, press 3 on the keypad to open Calendar.

Using the Quick List

The Quick List displays a list of commands, such as locking your phone, locking the phone's keypad, and turning off the radio, as well as the list of available profile types.

- To access the Quick List, press the **power button**.



1.6 Entering text and numbers

Your phone supports three input modes for entering text and numbers: **Multipress**, **T9**, and **Numeric**. The Multipress and T9 modes are used for entering text, and the Numeric mode for entering numbers. When you select a field that requires text or numeric entry, the phone will automatically select the appropriate input mode. The status indicator on the title bar shows the input mode you are currently using.

To switch input modes

Press and hold the Asterisk (*) key until the status indicator for the input mode you want is displayed in the title bar.

The following table shows the complete list of input mode status indicators.

Indicator	Mode
<u>abc</u>	Multipress text input mode, lowercase
<u>ABC</u>	Multipress text input mode, uppercase
<u>ABC</u>	Multipress text input mode, caps lock
<u>t9</u>	T9 text input mode, lowercase
<u>T9</u>	T9 text input mode, uppercase
<u>T9</u>	T9 text input mode, caps lock
<u>123</u>	Numeric input mode

Entering text in Multipress mode

When you are in Multipress mode, you can enter a letter by pressing the number key on which the letter appears. To enter the first letter on the number key, press the key once, to enter the second letter, press the key twice, and so on. The letter entered most recently is underlined until you have completed the keypresses for the letter and moved on to the next letter.

For example: To enter the word "hat," press 44, 2, 8.

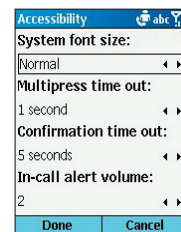
When you enter letters that are on the same number key, you must pause after entering the first letter and wait until the underline disappears before entering the next letter so your phone can process the first letter. This pause is called the Multipress time out, and you can adjust the length of the pause between keypresses.

For example: To enter the word "cat," press 222, pause, press 2, and then press 8.

To enter punctuation in Multipress mode, press **1** repeatedly until you see the punctuation mark that you want.

To change the Multipress time out:

- 1 On the **Home** screen, select **Start**.
- 2 Select **Settings** and then **Accessibility**.
- 3 In Multipress time out, select the length of the pause between keypresses.



1. Getting Started

Entering text in T9 mode

When you are in T9 mode, just press the number keys that contain the letters you want to form a word. T9 will then analyze your keypresses and attempt to complete the word.

For example: To enter the word "shoe," press 7, 4, 6, 3.

- 1 Enter the numerical sequence that represents the word you want to form.
- 2 Press the **#** key to accept the word and enter a space after it, or press **0** to scroll through the available words.

To enter punctuation in T9 mode: Press **1**, and then **0** to cycle through common punctuation.



Having trouble entering a word in T9 mode? T9 cannot always find the word you want in the T9 dictionary; in these cases, switch to **Multipress** mode. After you have entered the word in Multipress mode, the word will be added to the T9 dictionary.

Entering numbers in Numeric mode

When you are in Numeric mode, just press the number(s) you want to enter on the keypad. If a field permits a numerical entry only, such as the Work phone field in Contacts, the input mode will automatically default to Numeric mode.

Miscellaneous input tasks



- 1 **To enter a space:** In Multipress or T9 mode, press the # key.
- 2 **To start a new line:** Press the **Action** button.
- 3 **To change between uppercase and lowercase in text mode:** Press the * key.
- 4 **To lock caps:** Press the * key twice. Press the * key again to return to lowercase.
- 5 **To enter a symbol:** Press and hold the # key, select the symbol you want, and then press the **Done** soft key.
- 6 **To enter a number, an asterisk (*), or a pound sign (#):** Switch to **Numeric** mode, and press the corresponding key on the keypad.
- 7 **To delete characters:** Press the **Back** button to backspace over a single character. Press and hold the **Back** button to backspace and delete an entire text field.
- 8 **To enter the plus (+) sign for international calls:** Press and hold 0.

1.7 Securing your phone

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

Locking the keypad

The keypad lock turns off the keypad functionality. This is a helpful feature if, for example, your phone is turned on and in your pocket, and you want to prevent accidental keypresses from dialing a number etc.



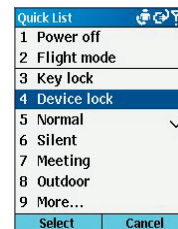
- 1 **To lock your keypad:** On the **Home** screen, press and hold the **End** button. The left soft key will display **Unlock**, indicating that your phone is locked.
- 2 **To unlock your keypad:** On the Home screen, press the **Unlock** soft key, then the **Back** key.

Locking your phone

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

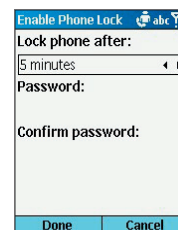


- 1 **To lock your phone:**
 - a. Press the **Power** button to display the Quick List, select **Device lock**, and then press the **OK** soft key.
 - b. Under **Lock phone after**, select the amount of time your phone is inactive before the phone automatically locks.
 - c. Under **Password**, enter the password you want to use to access your phone when it is locked.
 - d. Under **Confirm password**, enter the password again, and press the **Done** soft key.



You can still receive calls and make emergency calls when the phone is locked.

- 2 **To unlock your phone:** Press the **Unlock** soft key, enter your password, and then press the **Unlock** soft key again.
- 3 **To turn off phone lock:** On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Security**, select **Disable Phone Lock**, and then press the **Done** soft key.



Locking the R-UIM card

Locking your R-UIM (Subscriber Identity Module) card prevents you from using the phone, but you can still turn it on and make emergency calls. When you turn your phone on, you will be prompted for your PIN1 password, which you must enter correctly before you can use your phone.



- 1 **To lock the R-UIM:** On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Security**, select **Enable R-UIM Lock**, and then press the **Action** key. Enter your PIN1 password, and then press the **Done** soft key.
- 2 **To unlock the R-UIM:** On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Security**, select **Disable R-UIM Lock**, and then press the **Action** key. Enter your PIN1 password, and then press the **Done** soft key.

Chapter 2

Using your phone

- 2.1 Making a call
- 2.2 Receiving a call
- 2.3 In-call options
- 2.4 Retrieving a voice mail message
- 2.5 Reviewing your calls
- 2.6 Shortcuts (speed dials)
- 2.7 Advanced dialing options



2.1 Making a call

There are several ways to make a call.

Making a call from the Home screen

On the **Home** screen, press the numbers on the keypad to enter the phone number, and then press the **Talk** button to make the call.



As you enter a phone number, your phone searches **Contacts**, **Call History**, and **Speed Dial** lists, and your **R-UIM** card to find a matching number. When you see the name of the person you want to call listed, select it, and press the **Talk** button.



Making a call from Contacts



1 To make a call by contact name:

Press the **Start** soft key on the **Home** screen, select **Contacts**, and then press the **Action** button. Select the contact name to call and press the **Talk** button.



If you have a long list of contacts and you don't see the contact you want on the screen, you can enter the first few letters of the contact's name, and the phone will search through the entire Contacts list and display the name.

2 To change the default number for a contact:

- a. Press the **Start** soft key on the **Home** screen, select **Contacts**, and then press the **Action** button.
- b. Select the contact, and use the Navigation pad to press Left or Right to change the default number.
- c. For example: If you change "w" to "m," the default number changes from Work phone (w) to Mobile phone (m).

3 To make a call from an open contact:

- a. Press the **Start** soft key on the **Home** screen, select **Contacts**, and then press the **Action** button.

- b. Select the contact to call, and press the **Action** button.
- c. Select the number you want to call, and press the **Talk** button.



For more information about contact list abbreviations, see *Chapter 6 Contacts, Calendar and Tasks*.

Making a call using a recently dialed number



- 1 On the **Home** screen, press the **Talk** button to display a list of recently-dialed phone numbers.
- 2 Select the number or entry for the person to call, and press the **Talk** button again.

Making a call from the Call History list



- 1 On the **Home** screen, press the **Start** soft key. Select **Call History**, and then press the **Action** button.
- 2 Select the number or entry for the person to call, and press the **Talk** button again.

Making a call from a hyperlink

When you see an underlined phone number presented as a hyperlink in an e-mail message, just scroll to it, and press the **Action** button to make the call.

Making emergency calls

Calls to emergency service numbers can be made under any circumstances, even if you have locked the R-UIM card and/or your phone.

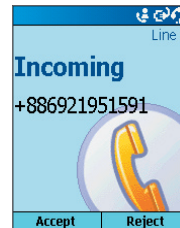
To place an emergency call: Dial the emergency number appropriate for your location, and press the **Talk** button.

2.2 Receiving a call

When you receive a call, the name and number of the caller are displayed on the screen. If the name of the caller is not in your contact list, only the caller's phone number is displayed. You can answer a call by pressing the **Talk** button or the **Accept** soft key. If don't want to take the call, press the **Reject** soft key.



Selecting **Reject** will connect the caller to your voice mail if you subscribe to this service.



Answering a second call using Call Waiting

If you are already talking on the phone when you receive a call, press the **Accept** soft key or the **Talk** button to place the first call on hold, and answer the second call.

If you want to end the first call before answering the incoming call, press the **End** button, and then press the **Accept** soft key or the **Talk** button to accept the incoming call.



Rejecting a Call Waiting call

If you are already talking on the phone when you receive a call and you don't want to answer it, press the **Reject** soft key. This will keep your current call in progress, but will connect the call waiting caller to your voice mail, if you subscribe to this service.

TO BE CONFIRMED

2.3 In-call options

The following table shows the menu options available when a call is in progress. Some of these options are only available when multiple calls are in progress or during a conference call.

Menu option	Function
End	Disconnects the call.
Hold	Places the active call on hold.
Unhold	Activates the call on hold.

Menu option	Function
Swap	Switches between two call.
Save Contacts	Creates a contact for the call.
Conference	Joins together all existing calls, if you have subscribed to this service.
Private	Breaks one call out of a conference and makes this call active while the rest of the conference is on hold.
Speakerphone	Increases the volume of earphone
Mute	Mutes the microphone for the active call. The other party will not hear anything you say, but you can still hear the other party.
Unmute	Turns the microphone back on for the active call.

2.4 Retrieving a voice mail message

Calling your voice mail box

On the Home screen, press and hold **1** to call your voice mailbox, and follow the prompts to retrieve your messages.

Accessing voice mail from Inbox

-  1 On the **Home** screen, press the **Start** soft key. Select **Inbox**, and press the **Action** button.
- 2 Select the voice-mail message and press the Voice Mail soft key or the Talk button. Your voice mail system is then dialed.

2.5 Reviewing your calls

Using Call History and Call Timers, you can view information about phone calls that you have made and received. For example, you can see who has called you recently and find out how much time you have spent talking on the Smartphone.

Call History

Call History displays the last 36 calls that you have made, received, and missed. Each entry in Call History contains the start time of the call, the duration, the caller's name, if available, and the caller's number. The oldest calls are automatically deleted from the list to make room for the newest calls.

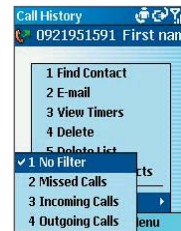
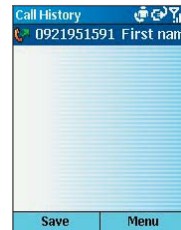


- 1 **To view Call History:** On the **Home screen**, press **Start**, select **Call History**, and then press the **Action** button.



You can filter Missed Calls, Incoming Calls, and Outgoing Calls. Press the **Menu** soft key, select **Filter**, press the **Action** button, and select the filter you want.

- 2 **To view contact information from Call History:** Select the entry for the contact, press the **Menu** soft key, select **Find Contact**, and then press the **Action** button.
- 3 **To send an e-mail message from Call History:** Select the contact, press the **Menu** soft key, select **E-mail**, and then press the **Action** button.
- 4 **To create a new contact from a number in Call History:** Select the contact, press the **Menu** soft key, select **Save to Contacts**, and then press the **Action** button.
- 5 **To remove an item from Call History:** Select the item, press the **Menu** soft key, select **Delete**, and then press the **Action** button.
- 6 **To remove all items in Call History:** Press the **Menu** soft key, select **Delete List**, and then press the **Action** button.

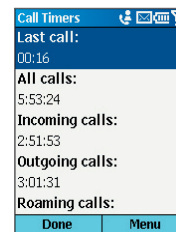
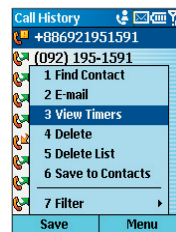


Call Timers

Call Timers gives you detailed information regarding the length of your last call, the total number of calls made and received, calls by type (incoming, outgoing, roaming, and data), and a lifetime counter.

Call Timers is useful for keeping track of your calling patterns, for example to determine what type of calling plan you want. It can also help you estimate your monthly billing. You can reset Call Timers to zero (0), for example to start timing calls for a new monthly billing cycle.

To view Call Timers: On the Home screen, press the **Start** soft key, select **Call History**, press the **Menu** soft key, select **View Timers**, and then press the **Action** button.



2.6 Shortcuts (speed dials)

You can create speed dials to dial frequently-called phone numbers by R-UImply pressing and holding one or two keys. You may choose speed dial entries from 2-99; speed dial 1 is reserved for voice mail access and the number is configured in your settings.



You can create a speed dial only for a phone number, e-mail address, or Web page address that is stored in Contacts.

Creating a speed dial for a phone number



- 1 On the **Home** screen, press the **Start** soft key, select **Contacts**, and then press the **Action** button.
- 2 Select the phone number to set up as a speed dial, then open it.
- 3 Press the **Menu** soft key, select **Add Speed Dial**, and then press the **Action** button.



- 4 Under **Keypad assignment**, enter the speed dial number to associate with the phone number, and press the **Done** soft key.



You can also create speed dials for Web addresses and e-mail addresses that are stored in Contacts.

Add Speed Dial	
Name:	Burns, Josh
Value:	678844456 (m)
Keypad assignment:	2<Available>
Done	Menu

Making a call using a speed dial

On the **Home** screen, press and hold the number on the keypad that you have assigned as a speed dial for a number. If the keypad assignment is two digits, press the first digit and press and hold the second digit.

Viewing speed dials you have created

On the **Home** screen, press the **Start** soft key, select **More**, select **Shortcuts**, and then press the **Action** button.

Deleting shortcuts



- 1 On the **Home** screen, press the **Start** soft key, select **More**, select **Shortcuts**, and then press the **Action** button.
- 2 Select the shortcut to delete, press the **Menu** soft key, select **Delete**, and then press the **Action** button.

2.7 Advanced dialing options

The following information covers advanced dialing options that may be useful for phone numbers requiring special dialing instructions.

Inserting an international country code

International calls require a country code to be included in the phone number. A plus (+) sign must appear first, followed by the country code and the rest of the phone number. To enter the plus sign, press and hold **0** until + appears.

Inserting a three-second pause in a dialing sequence

Some international calls require a three-second pause in the dialing sequence for the call to process successfully.

- 1 On the **Home** screen, press the **Start** soft key, select **Contacts**, and then press the **Action** button.
- 2 Select the contact whose phone number you want to insert a pause, and press the **Action** button.
- 3 Press the **Edit** soft key and press the navigation pad left or right to move the cursor between the numbers where you want to insert a three-second pause.
- 4 Press the **Menu** soft key, select **Insert Pause**, and then press the **Action** button. The letter "p" will appear in the number to show where the three-second pause will occur in the dialing sequence.
- 5 Press the **Done** soft key.

Enabling Any Key answer

- 1 On the **Home** screen, press the **Start** soft key, select **Settings**, select **Call Options**, and then press the **Action** button.
- 2 Tick the box next to **Any Key Answer**, then **Done**.

Getting notification when voice privacy is not available

- 1 On the **Home** screen, press the **Start** soft key, select **Settings**, select **Call Options**, and then press the **Action** button.
- 2 Tick the box next to **Notify me when voice privacy is not available**, then **Done**.



Chapter 3

Using your camera

- 3.1 Camera and Video Recorder
- 3.2 Album



3.1 Camera and Video Recorder

When in **Camera** mode, you can capture still images, one at a time. 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 Smartphone screen whenever you want. You can even send the captured files via E-mail. Just "snap and send" a newly-captured image, or "select and send" an existing image. And you can set any image to be used as the background image for your Home screen.

For still-image capture, you can specify a capture size, the destination storage media for saved files, rename them after capturing them, and an output quality (the output format for image capture is JPEG). The number of images you can still capture, according to available memory and your current settings, is always displayed. You can also use flash or the video light to take pictures in dim conditions.

Supported File Formats

File Type	Formats
Still-image formats	BMP, GIF, JPEG
Animation format	Animated GIF
Video format	Motion-JPEG AVI (.avi) MPEG-4 Simple profile (.mp4) 3GPP – H.263 baseline (.3gp)
Audio formats	MPEG-4 AAC (Advanced Audio Coding) in .MP4 format AMR-NB (Narrow band) in .MP4 and .3GP format WAV MIDI (standard MIDI type 0, 1, and SP-MIDI)

Using Your Camera

To Open Camera or Video Recorder:



1. Press the **hardware button** on the side of the device.



By default, the first time you go to Camera it will be in Image mode. To change to **Video**, press the **Menu**, **Capture Mode**, then **2 Video**.

2. On the **Home** screen, if in the list of recently used programs, press :
3. On the **Home Screen**, press **Start** key, **More**, then **Camcorder** or **Camera**.

To Capture a picture:



1. Go to **Camera**.
2. Press **Capture**, the camera hardware button or **Action**.
3. The file is saved immediately in the JPEG file format, to the storage media, filename convention, output quality, and Capture Size that you have specified in **Options**.

To Capture a video clip:



1. Go to **Camcorder**.
2. Press **Capture**, the camera hardware button or **Action**.
3. When finished press **Stop**.

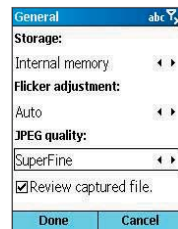
To send, delete, save as photo contact and rename immediately after capture:



1. Press **Menu**, then **Options**, **General**, and check **Review captured file**.
2. Take a picture.
3. In the confirmation screen, press **Back** to confirm and return to the camera. To **delete**, **send**, **save as Photo Contact** or rename press **Menu**, then follow the options there.



Reviewing after capturing doesn't include the option to view properties, zoom or rotate. You must go to Album Thumbnails to do that.



To go to the last captured file and edit:

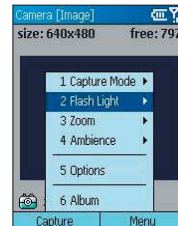


1. In **Camera** press the **#** key.
2. Press **Menu** to perform an action, **Camera** to return to camera, or **Thumbnails** to return to Album.

FlashLight



- Go to **Camera** or **Camcorder**, press **Menu**, then **Flashlight**. Select **On** or **Off**, then press **Action**.



To Zoom in and out:



1. Go to **Camera** or **Camcorder**, press **Menu**, then **Zoom**. Select 1x, 2x or 3x, then press **Action**.
2. Go to **Camera** or **Camcorder**, then press the navigation stick up or down.

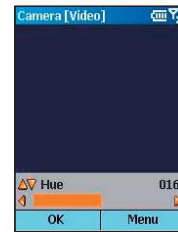
Submode	Capture Size Setting	Zoom
Video	176 x 144	1x, 3x
	352 x 288	1x
Image	160 x 120	1x, 2x, 4x
	320 x 240	1x, 2x
	640 x 480	1x

To Switch between camera and Camcorder mode:

1. Go to **Camera** or **Camcorder**, press **Menu**., then **Capture Mode**.
2. Select **Image** or **Video**, then press **Action**.

To Adjust the Hue, Saturation, Gamma:

1. Go to **Camera** or **Camcorder**, press **Menu**, then **Ambience** and **Adjust View**.
2. To select one of the above options, for example Contrast, press the navigation pad up or down until it appears below the screen.
3. Press the navigation pad to the left or right to adjust the level, then press the OK soft key.



To switch to Grayscale, Sepia, Cool effects:

1. Go to **Camera** or **Camcorder**, press the **Menu** soft key, then **Ambience** and **Effects**.
2. Again press the **Menu** soft key, then **Ambience** and this time **Adjust View**, to see your effects' options.
3. Press the **Menu** soft key, select a style and then press **Action**.

To change the image capture size, turning off the "Snap" sound, or changing the Image filename prefix:



1. Go to **Camera**, press the **Menu** soft key, then **Options**.
2. In **Options** select **Image**, make an adjustment, then **Done**.

To change the video capture size, turning off and on audio, or changing the Image filename prefix:



1. Go to **Camera** or **Camcorder**, press the **Menu** soft key, then **Options**.
2. In **Options** select **Image**, make an adjustment, then **Done**.



To Adjust for different light conditions:



1. Go to **Camera** or **Camcorder**, press the **Menu** soft key, then **Ambience**.
2. Select from **Auto**, **Daylight**, **Incandescent**, **Fluorescent** or **Dim**, then press **Action**.

To specify where to store pictures:



1. Go to **Camera** or **Camcorder**, press the **Menu** soft key, then **Options**.
2. Select **General**, then **Storage** and Internal memory or **Storage Card**.

3.2 Album

View images and thumbnails, view them in an enlarged mode, Zoom in to see more detail, Zoom Out to reduce them. Images that are too large to fit into the viewing area can be panned into view. Flip up/down, flip left/right, rotate left, rotate right, view in actual one-to-one pixel size, or fit-to-window. For your convenience, many of the functions can be activated using the Smartphone

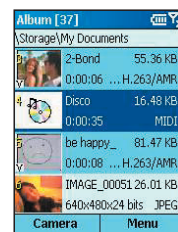
keypad/arrow keys, as well as the menus. In addition, when Camera Wizard searches for images, you can choose whether or not to show thumbnails of the images that have been "burned into" ROM, such as system icons.

1. Press **Start**, **More**, then **Album**.
2. In **Camera**, anytime you see the word **Thumbnails**, press to go to **Album**.



To play back audio and video files or view captures:

- Go to **Album**, select a picture or audio/video file then press the **Action** button.



Zooming or rotating:

1. Go to **Album**, select a file and press **Action** to view or play it back.
2. Press **Menu**, then **View** and **Zoom In**, **Zoom Out** or **Rotate** - if it is a video file first press **Stop**, make your changes, then **Play**.

To View properties:

1. In **Thumbnail view** press **Menu** and then **Properties**.
2. In **Detailed view**, press **Menu**, **View**, then **Properties**.

To send, delete, save as photo contacts and rename in Album:



In either **Thumbnail** or **Detailed view** press **Menu**, then select an option and follow the instructions.

To View as a slideshow:



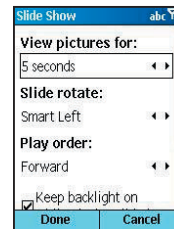
In **Thumbnail** view, press **Menu** and then **Slide Show**.

To customize the slideshow:



In **Thumbnail** view, press **Menu** and then **Slide Show**. You are shown the following options:

- Change the time for which each image is displayed.
- Change the direction of rotation.
- Change the order of play.
- Opt to keep backlight on during the slide show.
- Opt for full screen when playing the slide show.



To viewing all your options:



In **Thumbnail** view, press **Menu**, **Options**.

- In **General** you have the following option choices:
 - To scan subfolder files.
 - Hide ROM files.
 - Keep backlight on while playing video.
 - Mute while playing video file.
 - Repeat while playing video, audio or GIF animation files.
 - Show progress bar.
 - Select an auto rotate option.

2. In Transition Effects you have the following options:

- a. Decide on an effect to move between slides of the slide show.
- b. Select a speed.
- c. Sort by lets you sort the screen in the following ways:
- d. Select between Date, Name, Size and Type.
- e. Decide between Descending and Ascending.

3. Thumbnails has the following options:

- a. Select a size for thumbnails.
- b. Select to show index number or information.
- c. Go to Association to select the type of files you want to display.



To change folders:



1. Press **Menu**, then **Change Folder**.
2. Navigate through the folders to find where your files are.

To View the full screen:



1. During a slide show or while looking at a file in Detailed view, press 6 to display the full screen.
2. Press 6 again to return the toolbars to the screen.

Chapter 4

Personalizing your phone

4.1 Changing settings

4.2 Data Connections

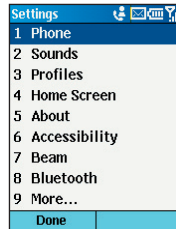


4.1 Changing settings

You can easily view and change settings to personalize your phone for the way you work. For example, you can use your own sounds for ring tones, use your own image for the Home screen background, set up Call Forwarding to manage your calls more efficiently, and more.

Viewing Settings

- 1 On the **Home** screen, press the **Start** soft key, select **Settings**, and then press the **Action** button.
- 2 To view the remaining settings, select **More** and press the **Action** button.



Telephony

Telephony settings are primarily used to set options for calls you receive, such as Call Forwarding, Call Waiting, and Caller ID.

To view telephony settings: Press the **Start** soft key on the **Home** screen, select **Settings**, select **Phone**, and then press the **Action** button.

The following table lists the telephony settings and their functions.

Telephony setting	Function
Call Barring	Enables you to block incoming and/or outgoing calls.
Call Forwarding	Enables you to forward all or selected calls to another number.
Call Options	Enables you to change phone numbers, such as your voice mail and SMS service center, answer incoming calls by pressing any key, and other advanced call options.
Call Waiting	Enables you to turn Call Waiting on or off.
Caller ID	Enables you to let your identification be known to all callers, only your contacts, or no callers.
Channels	Enables you to configure cell broadcast.
Fixed Dialing	Enables you to limit your calling area to one or more specific phone numbers and/or area codes.
Networks	Identifies your current network and changes your network selection from Automatic to Manual.

Sounds

Sounds settings are used to customize the sounds for ring tones, notifications, and reminders.



- 1 **To display Sounds settings:** On the **Home** screen, press the **Start** soft key, select **Settings**, select **Sounds**, and then press the **Action** button.

2 To use your own sound:

- a. Go to where your sound file is stored on your desktop computer and copy the file.
- b. In ActiveSync on your desktop computer, click **Explore**, double-click **Application Data**, double-click **Sounds**, and then paste the sound file into the **Sounds** folder.
- c. On the Home screen on your phone, press the **Start** soft key, select **Settings**, select **Sounds**, and then press the **Action** button.
- d. Select the item to customize, press the navigation stick left or right to select your sound, and then press the **Done** soft key.



You can also select the sound to use by selecting the item you want to customize, and then pressing the **Action** button. This will show the complete list of sounds to choose from.

**Profiles**

Profiles settings are used to configure how your phone notifies you of events such as an incoming call, an approaching appointment, or an arriving message. For example, when you are attending a meeting, you can choose the Meeting profile, which silences the ring of your phone and provides visual notifications only. When you are waiting for an important call, you can choose the Loud profile, which makes your phone ring loudly.

**1 To view Profiles settings:**

On the **Home** screen, press the **Start** soft key, select **Settings**, select **Profiles**, and then press the **Action** button.

2 To use preset profiles:

- a. On the **Home** screen, press the navigation stick down to select **Profiles: [Type]**, and then press the **Action** button.
- b. Select the profile, press the **Action** button to set the profile, and then press the **Done** soft key.



You can also select a different profile using the **Quick List**. Press the **Power** button, select the profile, and then press the **Action** button.

The following table shows the list of profiles that come with your phone and their attributes.

Profile Name	Ring Type	Ring Volume	Notification Type	Notification Volume	Feedback Volume
Normal	Ring	3	Play sound	3	3
Silent	Vibrate	Off	Vibrate	Off	Off
Meeting	Vibrate	1	Sound	1	Off
Loud	Ring	Loud	Sound	Loud	Loud
Automatic	(Toggles between Normal & Meeting, based on Calendar)				
Headset	Ring	3	Sound	3	3
Car	Ring	4	Sound	4	4
Speaker-phone	Ring	Loud	Sound	Loud	Loud

3 To modify a profile on the Settings menu:

- a. On the **Home** screen, press the **Start** soft key, select **Settings**, select **Profiles**, and then press the **Action** button.
- b. Select the profile to modify, press the **Menu** soft key, and then select **Edit**.
- c. Modify the settings, and then press the **Done** soft key.

Home screen

Home screen settings are used to change the Home screen layout, the color scheme, the background image, and the time delay before the Home screen appears when your phone is idle.

Viewing Home screen settings



On the **Home** screen, press the **Start** soft key, select **Settings**, select **Home Screen**, and then press the **Action** button.

Customizing the Home screen with your own image



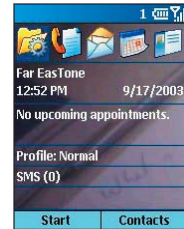
- a. Go to where your image file is stored on your desktop computer and copy the file.
- b. In ActiveSync on your desktop computer, click **Explore**, navigate to **My Documents**, and then paste the image file into the **My Documents** folder.
- c. On the Home screen on your phone, press the **Start** soft key, select **Settings**, select **Home Screen**, and then press the **Action** button.
- d. Select **Background image** and press the navigation stick left or right to select your image. Press the **Done** soft key.

Home Screen	
Home screen layout:	
Windows Default	◀ ▶
Color scheme:	
Default	◀ ▶
Background image:	
Default	◀ ▶
Time out:	
After 10 minutes	◀ ▶
Done	Menu

You can also select the image you want to use by selecting **Background image** and pressing the **Action** button. This will show you the complete list of images to choose from.



Make sure that your phone is connected to your desktop computer via USB or Serial before you open ActiveSync to paste the image file. For best results, use images with a 176 x 220 screen resolution to fit on the screen.



About

The About screen displays information about your phone's operating system, including version numbers and copyright information.



To view About settings:

On the **Home** screen, press the **Start** soft key, select **Settings**, select **About**, and then press the **Action** button.

Accessibility

Accessibility settings are used to configure your system font size, multipress time-out, confirmation time-out, in-call alert volume, and Smartdial setting.



To view Accessibility settings:

On the **Home** screen, press the **Start** soft key, select **Settings**, select **Accessibility**, and then press the **Action** button.

Certificates

On your Smartphone you can add and delete public key certificates. These certificates help establish your identity when you log on to a secure network, such as a corporate network. Certificates also help establish the identity of other computers, such as servers, with which you connect. This helps prevent unauthorized users from accessing your device and its information.

You can store two types of certificates on your phone: **personal** certificates that establish your identity, and **root** certificates that establish the identity of servers with which you connect. Your device may include a set of preinstalled certificates.

To view and delete certificates:

- 
- 1 On the **Home** screen, select the Start soft key and then **Settings**.
 - 2 Select **More** and then **Certificates**.
 - 3 To view the list of personal certificates, select **Personal**.
 - 4 To view the list of root certificates, select **Root**.
 - 5 To delete a certificate, scroll to it in the list, select **Menu**, and then select **Delete**.
 - 6 To view details about a certificate, select it in the list.

Date and Time

Date and Time settings enable you to change your local time zone and the current date and time, and to set the alarm.

To view Date and Time settings: On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Date and Time**, and then press the **Action** button.

Owner Information

Owner Information settings are used to enter and display personal information, such as your name, phone number, and e-mail address. This is helpful, for example, in the event that you lose your phone so that you can be contacted if it is found.

To view Owner Information settings: On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Owner Information**, and then press the **Action** button.

Power Management

Power Management settings are used to display power-saving settings, such as changing the backlight display timeouts, setting the screen saver mode, and to check your battery level.



To view Power Management settings:

On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Power Management**, and then press the **Action** button.

Regional Settings

Regional Settings are used to change the phone's language, date, and time style, as well as number and currency formatting options.



To view Regional Settings:

On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Regional Settings**, and then press the **Action** button.

Remove Programs

Remove Programs settings enable you to remove programs installed on your phone, with the exception of core programs that came with your phone, such as Contacts, Calendar, and Internet Explorer.



To view Remove Program settings:

On the Home screen, press the **Start** soft key, select **Settings**, select **More**, select **Remove Programs**, and then press the **Action** button.

Security

Security settings are used to enable phone lock or SIM lock and to set the phone lock password.



To view Security settings:

On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Security**, and then press the **Action** button.

4.2 Data Connections

Data Connections settings enable you to set up Dial-up, Virtual Private Network (VPN), Proxy, and General Packet Radio Service (GPRS) connections so you can connect to the Internet or your corporate network. With a data connection, you can browse the Web, download e-mail, chat using MSN Messenger, or synchronize wirelessly with the server. Check with your service provider to see if a data connection has already been set up for you, and if over-the-air configuration is supported.

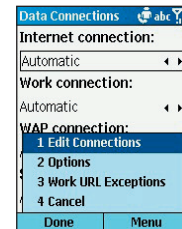
To view Data Connections settings: On the **Home** screen, press the **Start** soft key, select **Settings**, select **Data Connections**, and then press the **Action** button.

Dial-up connection

You need to set up a Dial-up connection to connect directly to the Internet or to your corporate network.

1 To create a dial-up connection to the Internet:

- a. On the **Home** screen, press the **Start** soft key, select **Settings**, select **More**, select **Data Connections**, and then press the **Action** button.
- b. Press the **Menu** soft key, select **Edit Connections**, and then press the **Action** button.
- c. Select **Dial-up Connections**, and press the **Action** button.
- d. Press the **Menu** soft key, select **Add**, and then press the **Action** button.
- e. Under **Description**, enter a name for the connection.
- f. Under **Connects to**, press the navigation stick left or right to select **The Internet**.
- g. Enter the appropriate information for the remaining fields, and press the **Done** soft key.



2 To create a dial-up connection to your corporate network:

- a. On the **Home** screen, press the **Start** soft key, select **Settings**, select **Data Connections**, and then press the **Action** button.
- b. Press the **Menu** soft key, select **Edit Connections**, and then press the **Action** button.
- c. Select **Dial-up Connections**, and press the **Action** button.
- d. Press the **Menu** soft key, select **Add**, and then press the **Action** button.
- e. Under **Description**, enter a name for the connection a name.
- f. Under **Connects to**, press the navigation stick left or right to select **Work**.
- g. Enter the appropriate information for the remaining fields, and press the **Done** soft key.

VPN connection

A VPN connection is used to access your corporate network using an existing Internet connection.

Proxy connection

A proxy connection is used to access the Internet using an existing connection to your corporate or a WAP network.

GPRS connection

If there is GPRS coverage in your area, you can set up a GPRS connection to access your corporate network or the Internet, which is faster than a Dial-up connection.

Chapter 5

Messaging features

- 5.1 Setting up accounts
- 5.2 Sending e-mail and SMS messages
- 5.3 Receiving e-mail and SMS messages
- 5.4 Viewing your message folders
- 5.5 Managing your Inbox
- 5.6 Instant messaging



5.1 Setting up accounts

Your Smartphone is already set up for SMS text and voice mail messaging, if your mobile phone service includes these features. This section describes the steps required for setting up the Smartphone to send and receive e-mail messages. You can use up to 8 different messaging accounts with the Smartphone.

Setting up e-mail

There are two ways to send and receive e-mail messages with the Smartphone:

- 1 By synchronizing Inbox with Microsoft Outlook on your desktop computer or your Microsoft Exchange server. (See *Chapter 7 Synchronizing information*.)
- 2 By connecting to a POP3 or IMAP4 e-mail server to send and receive Internet e-mail messages. You may set up an Internet e-mail account as follows:
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Select **Menu** and then **Options**.
 - c. Select **Account Setup**, **Menu**, and then **New**.
 - d. In **Your name**, enter your display name for e-mail messages.
 - e. In **E-mail address**, enter the e-mail address for this account.
 - f. In **User name**, enter your user name. This is usually the first part of your e-mail address, which appears before the "at" sign (@).
 - g. In **Password**, enter your password.
 - h. In **Domain**, enter the domain name, if required.
 - i. To save your password, so that you do not need to enter it each time you connect to your e-mail server, select **Save password**. Select **Next**.

E-mail Setup

Your name:

E-mail address:
ana@hotmail

Automatic setup:
☒ Attempt to obtain e-mail settings from the Internet.

Cancel Next

Auto Setup

Attempting to obtain e-mail settings for hotmail.

Select Next to skip this step and enter your settings manually (recommended for corporate e-mail).

Connecting...

Previous Next

- j. In **Server type**, scroll to select the type of e-mail server that hosts your mailbox-IMAP4 or POP3-and select **Next**. In **Account name**, enter a name for this account. You must use a different name for each account that you set up.
- k. In **Network**, scroll to the type of network that your e-mail server runs on and select **Next**.
- l. Enter information about your e-mail servers and select **Next**. If you are not sure what to enter, ask your network administrator.
- m. Select message download options and select **Next**.
- n. Select a connection option, select **Next**, and then select **Finish**.

E-mail Setup

Incoming mail server:
lcm

Outgoing mail server:

☐ Outgoing server requires authentication

☐ Require SSL connection

Previous **Next**

E-mail Setup

Download the following messages:

All messages

First 500 bytes

Previous **Next**

E-mail Setup

User name:
ana

Password:

Domain (if necessary):

☐ Save password

Previous **Next**

E-mail Setup

Server type:
POP3

Account name:
POP3

Network:
The Internet

Previous **Next**



If you save your password and then lose your Smartphone, someone finding your Smartphone might be able to gain access to your e-mail.

Working with accounts



1 To view the list of accounts:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Select **Menu** and then **Accounts/Folders**. The list of accounts displays with the number of unread messages in the Inbox of each account shown in parentheses. You can switch to an account by selecting it in the list.

2 To quickly move between accounts:

- a. On the **Home** screen, select **Start** and then **Inbox**. The message list for the last account you used displays.
- b. Scroll right or left to switch to the account you want.

3 To change e-mail account options:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. If necessary, scroll right or left to switch to the account you want.
- c. Select **Menu** and then **Options**.
- d. Select the type of options to change.
- e. Change the options and press **Done**.

4 To delete an account:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Select **Menu** and then **Options**.
- c. Select **Account Setup**.
- d. Scroll to the account to delete.
- e. Select **Menu** and then **Delete**.

5.2 Sending e-mail and SMS messages

There are several ways to send, e-mail, MMS and SMS messages with your phone. The most common way to send messages is from Inbox; email can also be sent from a contact card.

Sending SMS or e-mail messages from Inbox

- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 Select **New**, then **SMS or Activesync (email)**.
- 3 In **To**, enter recipient e-mail addresses or SMS numbers. Insert a semicolon (;) between multiple addresses or SMS numbers.
- 4 In **Cc**, enter the e-mail addresses of persons to receive a copy. This field does not appear for SMS messages.
- 5 In **Subj**, enter a subject. This field does not appear for SMS messages.
- 6 Enter a message and select **Send**. E-mail messages are stored in **Outbox** and sent to recipients the next time you synchronize or connect to your e-mail server and send and receive mail. SMS messages are sent immediately.



You can only enter SMS numbers in an SMS message, and e-mail addresses in an e-mail message. Email is accessed through Activesync not SMS.



You can send and receive SMS messages up to **160** characters in size. If an SMS message is longer, it is automatically sent in chunks as several small SMS messages, and is then unified as one SMS message after all of the small SMS messages have been received.



You can quickly enter e-mail addresses or SMS numbers from your contact cards. In **To**, press the **Action** key and select a recipient from the list.

To insert punctuation such as the "at" sign (@), a period (.), or a semicolon (;), repeatedly press the 1 key in Multipress mode until the punctuation appears.

To cancel a message, select **Menu** and then **Cancel Compose**.

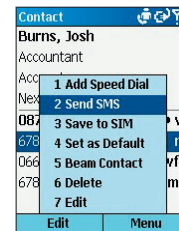


Sending messages from a Contact

You can send a message quickly to a contact if you have an e-mail address included in the contact.



- 1 On the **Home** screen, select the **Contacts** soft key.
- 2 Select the contact name.
- 3 Select **Menu** and then SMS number to use.
- 4 Enter a message and select **Send**.



Inserting predefined text into SMS and e-mail messages

To save time entering text, you can insert predefined text into messages. You can edit the predefined text included with the Smartphone to create words or phrases that you frequently use in messages.



- 1 **To insert predefined text into a message:**
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Select **New** and then the account to use.
 - c. In the message area, select **Menu**.
 - d. Select **Insert Text**.
 - f. You can quickly insert text by entering its associated number. Scroll to the text and select **Insert**.

2 To edit predefined text:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Select **Menu** and then **Options**.
- c. Select **Edit My Text**.
- d. Scroll to the text to edit.
- e. Edit the text and select **Done**.

Inserting voice recordings into messages

You can easily insert a voice recording into an e-mail message. Inserting a voice recording is useful when you want to verbally explain information that is contained in the message.

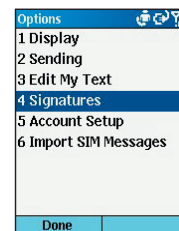
- 1 In the message area of an e-mail message, select **Menu**.
- 2 Select **Insert Recording**.
- 3 Select **Record** and start speaking into the Smartphone microphone.
- 4 When finished speaking, select **Stop**. Select **Done**.

You can send only one voice recording in a message. If you create a second voice recording in a message, it replaces the first recording.

Inserting signatures into messages

For each messaging account, you can specify a signature to be automatically inserted into messages that you send.

- 1 To specify a signature to insert:
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Select **Menu** and then **Options**.
 - c. Select **Signatures**.
 - d. Scroll right to switch to the account for which to specify a signature.
 - e. Select **Use signature with this account**.
 - f. To insert a signature in every message you send, select **Include when replying and forwarding**. Otherwise, a



signature is inserted only in new messages.

- g. Replace the text with in the **Signature** box with a signature to insert, and select **Done**. The signature is inserted into messages that you send from this account.

2 To stop inserting a signature:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Select **Menu** and then **Options**.
- c. Select **Signatures**.
- d. If necessary, scroll right or left to switch to the account for which to stop inserting a signature into messages.
- e. Clear **Use signature** with this account and select **Done**. A signature is no longer inserted in messages that you send from this account.



Using a draft of a message

You can save a draft of a message that you are composing to finish and send later.



1 To save a draft of a message:

- a. On the **Home** screen, select **Start**.
- b. Select **Inbox** and then **New**.
- c. Select the account to use.
- d. Enter information in the message.
- e. Select **Menu** and then **Postpone Message**. A draft of the message is stored in the **Drafts** folder of the account.

2 To reopen and send a message draft:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Select **Menu** and then **Accounts/Folders**.
- c. Scroll to the account whose folders you want to view.
- d. Select **Folders**.
- e. Select **Drafts** and then the draft to open.
- f. Edit the message and select **Send**. E-mail messages

are stored in **Outbox** and sent to recipients the next time you synchronize or connect to your e-mail server and send and receive mail. SMS messages are sent immediately.

Requesting a delivery receipt

You can request a delivery receipt for an SMS message. When you do this, you receive an SMS message to confirm that your message was delivered to the recipient's SMS service.

-  1 Before sending an SMS message, select **Menu**.
- 2 Select **Message Options**.
- 3 Select **Request SMS text message delivery notification**.
- 4 Select **Done**. When your message is delivered, you receive a receipt on the Smartphone.

Sending and receiving messages via Internet

The Smartphone immediately sends SMS messages when you select **Send** on the **New Message** screen. The Smartphone automatically receives SMS messages whenever it is turned on. When you receive a message, the new message icon appears at the top of the screen.

For e-mail messages, you must use the **Send/Receive** menu command from an Internet e-mail account to initiate the transmission:

-  1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 If necessary, scroll right or left to switch to the Internet e-mail account for which you want to send and receive messages.
- 3 Select **Menu** and then **Send/Receive**. The Smartphone connects to your Internet e-mail server and sends and receives your messages. To stop this process, select **Menu** and then **Stop Send/Receive**.



Before you can send and receive e-mail messages, the Smartphone must be properly configured, as described earlier in *4.1 Setting up accounts*.



You must take additional steps to receive large messages and attachments, as described later in *Working with large accounts*.

5.3 Receiving e-mail, and SMS messages

You can receive e-mail and SMS messages through Inbox synchronization or by connecting to your e-mail server. You can then view all of the messages in your Inbox.

When you connect to the e-mail server or synchronize your Inbox with your desktop computer, only the first 0.5 KB of each new message are downloaded to Inbox on your phone by default. Only small attachments are downloaded and the original messages remain on the e-mail server or your desktop computer.

When you receive an e-mail message, the Smartphone plays a sound and displays an envelope icon at the top of the screen. By default, the Home screen also displays the number of unopened e-mail and SMS messages. To quickly view new messages, select the message notification area on the Home screen.

Working with the message list

Received messages are stored in the Inbox folder of the appropriate account. They are displayed in the Inbox message list.



1 To view the Inbox message list:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Scroll right or left, or press Menu then Accounts, to switch to the account for which to view messages. The Inbox message list displays your received messages.

- 2 **To change message list display options:** By default, messages are displayed in the order received. You can change the order in which messages are displayed and show the date and time that messages were sent.
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Select **Menu** and then **Options**.
 - c. Select **Display**.
 - d. Change the display options and select **Done**.
- 3 **To mark a message as Read or Unread:** Messages that you have read are displayed in normal type with an open envelope icon. Messages that you have not read are displayed in bold type with a closed-envelope icon. You can change the status of a message by marking it as Read or Unread.
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Scroll to the message to mark.
 - d. Select **Menu**.
 - e. Select **Mark as Read** or **Mark as Unread**. The message display is changed to reflect its new status: normal text for read messages and bold text for unread messages. When you synchronize or send and receive e-mail, the message is displayed as Read or Unread in all locations.



Working with messages

You can open messages by selecting them in the message list. Using Inbox menu commands, you can quickly reply to, forward, and delete messages.



- 1 **To open a message:**
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. If necessary, scroll right or left to switch to the account you want.
 - c. Select the message to open.
 - d. To return to the message list, press the Back key.



To open the next message in the list from within an open message, scroll right; to open the previous message in the list, scroll left. To create a contact card for the sender, select **Menu** and then **Save Sender to Contacts**.

2 To specify the language for reading a message:

- a. From an open message, select **Menu** and then **Options**.
- b. In **E-mail message language**, scroll to the language.
- c. Select **Done**. The message is displayed using the appropriate characters for the selected language.

3 To reply to a message:

- a. From an open message, select **Menu** and then **Reply** or **Reply All**.
- b. Enter a message in the message area.
- c. Select **Send**. The message is stored in **Outbox** and sent to recipients the next time you synchronize or connect to your e-mail server. SMS messages are sent immediately.

4 To forward a message:

- a. From an open message, select **Menu** and then **Forward**.
- b. Select the account to use.
- c. In **To**, enter recipient e-mail addresses or SMS numbers. Insert a semicolon (;) between multiple addresses or SMS numbers.
- d. Optionally, you can enter an introductory message by scrolling to the message area, pressing the **Action** key to insert a blank line, and entering your text.
- e. Select **Send**. SMS messages are sent immediately. E-mail messages are stored in **Outbox** and sent to recipients the next time you synchronize or connect to your e-mail server.

5 To delete a message:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. If necessary, scroll right or left to switch to the account in which to delete a message.
- c. Scroll to the message to delete.

- d. Select **Menu** and then **Delete**. For the ActiveSync account, the message is also deleted from Outlook on your desktop computer or Exchange Server the next time you synchronize.

Working with large messages and attachments

When you receive large e-mail messages and attachments, the Smartphone downloads only a portion of them. You can view the partial message or attachment and decide if you want to download the rest of it.

When you synchronize Inbox with your desktop computer or Exchange Server, the Smartphone downloads the first 0.5 KB of each new e-mail message by default. When you connect to an Internet e-mail server, it downloads the amount (in KB) of each new message that you specified when you set up the account. The message size includes its attachments. The original messages and attachments remain on the server or your desktop computer.



On messages received from a POP3 e-mail server, the attachment size is omitted.

In the message list, messages with an attachment display an envelope icon with a paperclip. Within a message, attachments are displayed as a list of hyperlinks at the bottom of the message, and are preceded by an attachment icon. The hyperlink includes the file name and size of the attachment.

The attachment icon has the following three states:

- Not downloaded
- Marked for download
- Downloaded

**1 To download a complete e-mail message:**

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Scroll to the message to download.
- c. Select **Menu** and then **Mark for Download**. The complete message is retrieved the next time you synchronize or connect to your e-mail server and send and receive e-mail.

2 To download an attachment:

In an open message with an attachment to download, select the attachment. The attachment is downloaded the next time you synchronize or connect to your e-mail server and send and receive e-mail. If there are multiple attachments in the message, all attachments are downloaded.

3 To view an attachment:

In an open message containing a downloaded attachment, select the attachment. Note that you can view attachments only for file types that are supported by the Smartphone.

Accepting meeting requests

You can receive and respond to Outlook meeting requests on your Smartphone in a similar manner as you do in Outlook on your desktop computer:



- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 If necessary, scroll right or left to switch to the **ActiveSync** account.
- 3 Select the meeting request and then respond to it as follows:
 - a. To accept the meeting request and insert the meeting into your calendar, select **Menu** and then **Accept**.
 - b. To decline the meeting request, select **Menu** and then **Decline**.
 - c. To tentatively accept the meeting request and insert a tentative meeting into your calendar, select **Menu** and then **Tentative**.

Your response is sent back to the meeting organizer the next time that you synchronize.



For more information about synchronizing, see *Chapter 7 Synchronizing information*.

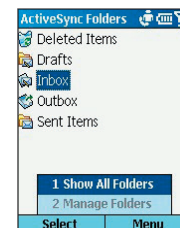
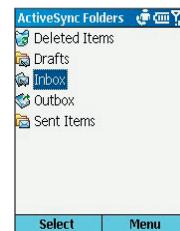
5.4 Viewing your message folders

Each messaging account has a set of folders in which the Smartphone stores messages for that account. The default folders are:

- **Deleted Items** contains messages that you delete until you empty this folder.
- **Drafts** contains messages that you save before sending.
- **Inbox** contains messages that you receive.
- **Outbox** for the ActiveSync account, contains sent e-mail messages until you synchronize. For e-mail accounts, contains sent e-mail messages until you connect to your e-mail server. SMS messages are sent immediately over the network and appear in your SMS Outbox folder only for a few seconds.
- **Sent Items** contains copies of messages that you send.

If you want, you can move a message to a different folder within the same account.

When you synchronize or send and receive e-mail, the Smartphone synchronizes any additional e-mail folders that you have created in Outlook on your desktop computer or on your e-mail server. It also synchronizes the messages contained in those folders, if the folders are marked for synchronization.



Viewing message folder contents



- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 Select **Menu** and then **Accounts/Folders**.
- 3 Scroll to the account for which to view the contents of a message folder.
- 4 Select **Folders** and then the folder to view. To view all ActiveSync folders, even those not marked to synchronize, select **Menu** and then **Show All Folders**.
- 5 To return to **Inbox**, press **Back**, select **Menu** and then **Accounts/Folders**.
- 6 Scroll to the account.
- 7 Select **Folders** and then **Inbox**.

Marking a folder for synchronization



- 1 You may synchronize **Inbox** with your desktop computer. This creates the same **ActiveSync** Inbox folders on your Smartphone as in Outlook on your desktop computer.
- 2 On the **Home** screen, select **Start** and then **Inbox**.
- 3 Select **Menu** and then **Accounts/Folders**.
- 4 Scroll to **ActiveSync** and then select **Folders**.
- 5 Select **Menu** and then **Manage Folders**.
- 6 Scroll to a folder to synchronize.
- 7 Select **Show** and then **Done**. The next time you synchronize, the folder(s) that you marked on your Smartphone are synchronized with the corresponding folders in Outlook on your desktop computer.

Moving a message to a different folder



- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 If necessary, scroll right or left to switch to the account in which to move a message.
- 3 Scroll to the message to move.
- 4 Select **Menu** and then **Move**.
- 5 Select the folder into which to move the message.



You can move an open message in the same manner, by selecting **Menu** and then **Move**.

Emptying the Deleted Items folder



- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 Select **Menu** and then **Accounts/Folders**.
- 3 If necessary, scroll right or left to switch to the account for which to empty the Deleted Items folder.
- 4 Select **Folders** and then **Deleted Items**.
- 5 Select **Menu** and then **Empty Folder**.

5.5 Managing your Inbox

All e-mail and SMS messages are stored in your Inbox. By default, the most recently received messages are displayed at the top of the Inbox list. Using the menu options, you can customize your Inbox settings to control the way you send, receive, and view messages.

Using Inbox menu options

It is easy to accomplish common messaging tasks from your Inbox. Press the **New** soft key to compose a new message, or press the **Menu** soft key to forward, delete, and reply to messages, access Inbox options you can customize, and more.

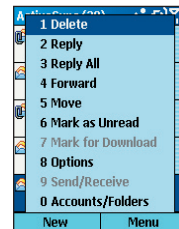
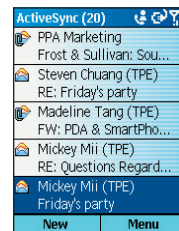


To view Inbox menu options:

On the **Home** screen, press the **Start** soft key, select **Inbox**, and then press the **Menu** soft key.

The following table lists Inbox menu options and their functions.

Inbox menu option	Function
Delete	Deletes the selected message.
Reply	Replies to an open or selected message.
Reply All	Replies to the sender and those who received a copy of the open or selected message
Forward	Forwards the selected message
Move	Enables you to move the open or selected message to another folder
Mark as Unread	Displays the header text of a message in your Inbox in bold, indicating that the message has not been read.
Mark as Read	Displays the header text of a message in your Inbox in lightface, indicating that the message has been read
Mark for Download	Retrieves the entire e-mail message from the e-mail server the next time you connect.
Options	Displays a list of Inbox options that you can customize (see the following table).
Send/Receive	Connects to your e-mail server to send and receive messages.
Accounts/ Folders	Displays all message folders.



Customizing Inbox options

You can optimize your Inbox for the way you work. For example, you can change the way your messages are displayed, specify how you want your messages to be sorted, specify the volume and limit the size of messages you want to automatically download, change your synchronization schedule, and more.

- 
- 1

On the **Home** screen, press the **Start** soft key and then select **Inbox**.
- 2

Press the **Menu** soft key, and then select **Options**.
- 3

Select the option to customize.
- 4

Modify the settings to change, and press **Done**.

The following table lists the Inbox options and their functions.

Inbox menu option	Function
Display	Enables you to change the message information displayed in your inbox.
Sending	Enables you to specify whether you want to include an original copy of the message in your reply, save a copy of your sent message, or use Unicode for SMS messages.
Editing My Text	Enables you to edit the predefined text that you can insert in messages.
Signatures	Enables you to add a signature in messages.
Account Setup	Enables you to set up your accounts.
Import SIM Messages	Enables you to import SMS messages from a SIM card to your inbox. The messages are not removed from the SIM card after they are imported.

5.6 Instant messaging

You can use MSN Messenger on your Smartphone to send and receive instant messages. MSN Messenger on your Smartphone provides the same chat environment as MSN Messenger on your desktop computer. Features of this environment include:

- Sending and receiving instant messages.
- Seeing the status of others in your Messenger contacts list, or changing your own status (e.g., *available*, *busy*, *out to lunch*).
- Inviting other people to a chat conversation.
- Blocking contacts from seeing your status or sending you messages.

Setting up MSN Messenger

Before you can use MSN Messenger, you must take steps to set it up. First, you need either a **Microsoft .NET Passport** account or a **Hotmail** account. To set up a Microsoft .NET Passport account, go to: <http://www.passport.com>. Once you have this account, you need to do the following:

Create a connection on your Smartphone, such as a modem or wireless connection that allows you to connect to the Internet. For more information about creating connections, see 3.3 *Data connections*.

Using MSN Messenger

You can sign in to MSN Messenger using your Hotmail credentials or your .NET Passport:



1 To sign in to and sign out of MSN Messenger:

- a. On the **Home** screen, select **Start**.
- b. Select **MSN Messenger**.

- c. Select **Sign In**.
- d. In **Sign-in Name**, enter the sign-in name that you use for Hotmail or your .NET Passport (Example: name_123@hotmail.com).
- e. In **Password**, enter your Hotmail or .NET Passport password.
- f. Select **Remember my password** if you don't want to enter your password again in the future.
- g. Select **Sign In**.
- h. To sign out, press the **Menu** soft key and select **Sign out**.



If you do not sign out of MSN Messenger, you will remain on a data connection. This may result in additional charges from your service provider.

2 To add an MSN Messenger contact:

- a. In the MSN Messenger contacts list, select **Menu** and then **Add Contact**.
- b. Add the **Hotmail** or **.NET Passport** sign-in name of a person with whom you want to chat. Their sign-in name is added to the contacts list.

3 To delete an MSN Messenger contact:

- a. In the MSN Messenger contacts list, select the contact.
- b. Select **Menu** and then **Delete Contact**.

4 To send an instant message:

- a. Sign in to **MSN Messenger**.
- b. Scroll to the contact with whom you want to chat.
- c. Select **Menu** and then **Send Message**.
- d. Enter your message and select **Send**. This starts a chat with the contact.



To quickly add common messages, select **Menu**, select **My Text**, and then select the text to use. To edit this text, select **Menu**, select **Options**, and then select **Edit My Text**. Select the text, make any edits, and then select **Done**.



5 To reply to an instant message:

- a. Select **Menu** and then **Chats**.
- b. Select the name of the person sending the instant message. The message displays, along with a box for your reply.
- c. Enter your reply and select **Send**.

If you want to be able to receive instant messages at any time your Smartphone is connected to a network, select **Menu** and then **Options**. Select **Passport Account**, select **Run this program when connection is available**, and then select **Done**.



- 6 **To invite a contact to an ongoing chat:** From a chat, select **Menu**, select **Invite**, and then select a contact. The contact receives an instant message and can join the chat.

7 To change between chats:

- a. Select **Menu** and then **Chats**.
- b. In the list of ongoing chats, select the name of a contact with whom to chat.

- 8 **To return to the contacts list:** From a chat, select **Menu** and then **My Contacts**.

- 9 **To end a chat:** Select **Menu** and then **End Chat**.

- 10 **To see who is already chatting:** Select **Menu** and then **Chats**.

11 To block or unblock an MSN Messenger contact:

- a. In the MSN Messenger contacts list, select the contact's name.
- b. Select **Menu** and then **Block**. The contact will no longer be able to see your status or send you messages.
- c. To unblock the contact, select **Menu** and then **Unblock**.

12 To change your status:

- a. In the MSN Messenger contacts list, select your name.
- b. Select a status description, such as **Away**. This status is displayed next to your name in the contact lists of your contacts.

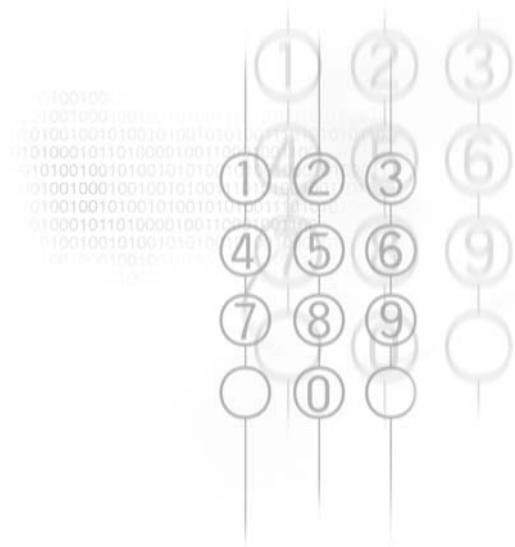
13 To change your display name:

- a. In the MSN Messenger contacts list, select **Menu**.
- b. Select **Options** and then **Passport Account**.
- c. In **My display name**, enter your name as you want it to display in the contacts lists of your contacts.

Chapter 6

Contacts, Calendar, and Tasks

- 6.1 Using Contacts
- 6.2 Using Calendar
- 6.3 Using Tasks
- 6.4 Using Photo Contacts



6.1 Using Contacts

You can think of Contacts as an online address book, where you can store information about people and businesses you communicate with in contact cards. For example, you can store multiple phone numbers, e-mail and street addresses, Web pages, birthday, anniversary date, etc. You can use Contacts to dial phone numbers and compose e-mail and SMS messages directly from a contact card.

The Contact list

The Contacts list displays the names of your contacts alphabetically, along with an abbreviation for the default communication method, such as the person's work phone number (w) or home phone number (h). This makes it easy to reach the contact using the method you prefer.



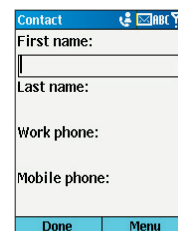
If the contact card includes a work phone number, your phone will automatically set it as the default number.



- 1 **To access Contacts:** On the Home screen, press the Contacts soft key.

The following table shows possible abbreviations that might be displayed in the Contacts list and their meanings.

Abbreviation	Meaning	Abbreviation	Meaning
w	Work phone	car	Car phone
w2	Second work phone	sms	SMS address
h	Home phone	e	E-mail address
h2	Second home phone	e2	Second e-mail address
m	Mobile phone	e3	Third e-mail address
pgr	Pager	web	Web page



2 To call a contact using the default number:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact to call.
- c. Press the **Talk** button. The Smartphone dials the contact's default phone number. The abbreviation for this number appears to the right of the contact name.



If you have a long list of contacts and you don't see the contact you want to call on the first screen, enter the first few letters of the contact's name; the phone will search through the entire Contacts list and display the name.

3 To call a contact using a number other than the default number:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact, scroll right or left to display the abbreviation for the number you want to use, and then press the **Talk** button.

4 To find a contact by entering a name:

- a. On the **Home** screen, select **Contacts**.
- b. Begin entering the name of the contact to find until the name is displayed. For example, to find "Sandra," enter 7, 2, 6, 3, 7, 2 because these numbers correspond to the letters for that name.

5 To filter contacts:

- a. On the **Home** screen, select **Contacts**.
- b. Select **Menu** and then **Filter**.
- c. Select a category to filter, such as Business, Miscellaneous, or Personal. The contacts assigned to the category you select are displayed in the list.

6 To create a new contact:

- a. On the **Home** screen, press the **Contacts** soft key, and press the **New** soft key.
- b. Enter information for the new contact.
- c. Select **Done**.

7 To delete a contact:

- a. On the **Home** screen, press the **Contacts** soft key.
- b. Select the contact to delete, press the **Menu** soft key, select **Delete**, and then select **Yes** to confirm.

Contact cards

A contact card displays all of the information that you have entered for the contact, such as name of the person or business, phone numbers, e-mail addresses, and more. From a contact card, just select a phone number and press the **Talk** button to call the number. You can also select an e-mail address and press the **Action** button to begin composing a message to the contact.



1 To view and edit a contact card:

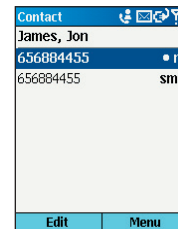
- a. On the **Home** screen, select **Contacts**.
- b. Select the contact whose card you want to view.
- c. To edit the card, select **Edit**.
- d. When finished making changes, select **Done**.

2 To call a contact from a contact card:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact, and press the **Action** button to open the contact card.
- c. Select the number to use, and press the **Talk** button.

3 To send an e-mail from a contact card:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact, and press the **Action** button to open the contact card.
- c. Select the e-mail address, and press the **Action** button.
- d. Select an account to use, and press the **Action** button.
- e. Enter a subject, compose your message, and then select **Send**.



R-UIM contact

R-UIM contacts are stored on your R-UIM card. When you insert your R-UIM card into a different device, you can view and use the R-UIM contact information on the new device. Unlike regular contact cards, you can store only 1 phone number for each R-UIM contact.

To create a new R-UIM contact:



- 1 On the **Home** screen, select **Contacts** and then **Menu**.
- 2 Select **New R-UIM Contact**.
- 3 Enter the contact's name and phone number.
- 4 Select **Done**.

The new contact appears in your contact list. A R-UIM icon appears to the right of the name, indicating that the contact is stored on your R-UIM card.

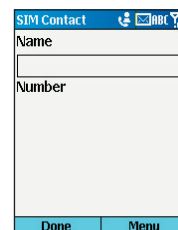
Using contact card menu options

Using the contact card menu options, you can quickly apply a speed dial to the contact, beam the contact card to another mobile device or a desktop PC using infrared, etc.

To view contact card menu options: On the **Home** screen, select **Contacts** and then **Menu**.

The following table lists the contact card menu options and their functions.

Menu Options	Function
Add Speed Dial	Enables you to create a shortcut to a phone number, e-mail address, or Web URL by assigning one or two numbers as a speed dial.
Send SMS	Enables you to send a short message to the contact person.
Save to R-UIM	Save the contact to R-UIM card



Menu Options	Function
Set as Default	Makes the selected phone number or e-mail address the default communication method for the contact.
Beam Contact	Sends the contact card to another mobile device or a desktop PC using infrared.
Delete	Removes the contact card from the Contacts list
Edit	Enables you to modify information in the contact card.

6.2 Using Calendar

Calendar is the scheduling program on your Smartphone, where you can create and view appointments and view your calendar by day, week, or month. When you create and edit appointments in Calendar, your changes are reflected in Outlook on your desktop computer when you synchronize.



1 To open Calendar:

On the **Home** screen, select **Start** and then **Calendar**.

2 To create a new appointment:

- a. On the **Home** screen, select the **Start** soft key.
- b. Select **Calendar**.
- c. Select **Menu** and then **New**.
- d. Enter information about the appointment.
- e. In **Reminder**, scroll to the amount of time before the appointment that you want to be reminded. If you don't want to be reminded, select **None**.

When you create a new appointment on your Smartphone, you can synchronize Calendar with your desktop computer or Exchange Server to keep your schedule information up-to-date in all locations.



The default reminder time is **15 minutes** prior to an appointment. You can change this by selecting **Menu** and then **Options** from within Calendar.

3 To edit an appointment:

- On the **Home** screen, select **Start**.
- Select **Calendar**.
- Select the appointment, press the **Action** button and then select **Edit**.
- If the appointment is recurring, select **Yes** to edit only the current occurrence, or select **No** to edit the series.
- Make your changes and select **Done**.

4 To delete an appointment:

- On the **Home** screen, select **Start** and then **Calendar**.
- Scroll to the appointment to delete.
- Select **Menu** and then **Delete**.
- If the appointment is recurring, select **Yes** to delete only the current occurrence, or select **No** to delete the series.

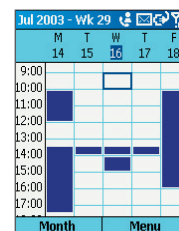
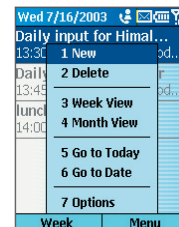
Viewing your schedule

You can view your schedule in three different views: Agenda, Week, and Month.



- Agenda view:** Agenda view is the default view for calendar information. This view displays meetings and appointments scheduled for the current day. Appointments are shown in chronological order according to start time. All-day appointments are shown as a single line at the top of the Agenda view.

- To view today's agenda:** You may select your upcoming appointments on the **Home** screen, or you may select **Menu** from **Week** or **Month** view in **Calendar**, and then **Go to Today**. To view previous or approaching dates, scroll left or right.



b. **To view your agenda for a specific date:** On the **Home** screen, select **Start**. Select **Calendar**. Select **Menu** and then **Go to Date**. Enter the date to view and select **Done**.

- 2 **Week view:** Week view shows your schedule a week at a time. Week view gives you a quick indication of your free and busy time, and allows you to create an appointment at a selected time easily.

By default, Week view displays the hours from 9:00 A.M. to 5:00 P.M. in one-hour increments on the left side of the screen. You can scroll up or down to show the hours before or after those displayed.

To view appointments for the week: On the **Home** screen, select **Start**. Select **Calendar**. Select **Menu** and then **Week View**.

- 3 **Month view:** Month view provides an overview of your schedule one month at a time. Arrows pointing upward represent morning appointments, and arrows pointing downward represent afternoon appointments. If you have both morning and afternoon appointments on the same day, the arrows form a colored box. All-day events are indicated by an empty box. If you have morning and afternoon appointments and an all-day event on the same day, an empty box surrounds a colored box.

To view appointments for the week: On the **Home** screen, select **Start**. Select **Calendar**. Select **Menu** and then **Month View**.

Customizing the calendar view

You can change viewing options for Calendar, such as specifying the first day of the week and the number of days per week to display, as well as showing and hiding week numbers.



- 1 On the Home screen, select **Start**.
- 2 Select **Calendar**.
- 3 Select **Menu** and then **Options**.
- 4 Scroll to select the options you want and select **Done**.

Importing calendar information

You can import calendar information from another calendar program that uses the iCal or vCal format. You can import calendar information from attachments in e-mail messages, SMS messages, and links in Microsoft[®] Pocket Internet Explorer, or by beaming. When you import information and then synchronize, the information is added to Outlook on your desktop computer.

6.3 Using Tasks

A task is a personal or work-related project, assignment, or errand to track through completion. A task can occur once, or it can recur. A recurring task can repeat at regular intervals or repeat based on the date you mark the task complete. For example, you might want to pay a bill on the last Friday of every month, or get a haircut when one month has passed since your last haircut.

The task list

The task list is your "things to do" list. When you create or edit tasks with Outlook on your desktop computer and then synchronize with your Smartphone, additional task information may display.

A task that has been marked as high priority is preceded by an exclamation mark, and one marked as low priority by a down arrow. On color devices, overdue tasks are displayed bold and red.



If you synchronize tasks with your desktop computer, completed tasks are removed from your Smartphone during synchronization. They are then displayed in gray with a strikethrough on your desktop computer.

- 1 **To create a new task:** On the **Home** screen, select **Start, More** and then **Calendar**. Enter the task and press the **Action** key.
- 2 **To mark a task as Complete:** On the **Home** screen, select **Start, More** and then **Calendar**. Scroll to the task and select **Complete**.

- 3 **To change a completed task to incomplete:** On the **Home** screen, select **Start, More** and then **Calendar**. Scroll to the task and select **Activate**.
- 4 **To delete a task from the task list:** On the **Home** screen, select **Start, More** and then **Calendar**. Scroll to the task and select **Delete**.

Using voice notes

You can use Voice Notes to work with short voice recordings, or voice notes. Voice notes are included in the All Notes list and are named consecutively (Recording 1, Recording 2, and so on).



- 1 **To create a voice note:**
 - a. Hold the Smartphone microphone near your mouth.
 - b. Press the **Voice Recorder** button, select the **Record** soft key, and speak your voice note.
 - c. Select **Stop** to stop recording a voice note. The voice note is recorded and appears in the All Notes list of Voice Notes.
 - d. To listen to a recording, select it in the All Notes list, select **Menu**, and then select **Play**.
- 2 **To rename a voice note:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Voice Notes**.
 - c. Scroll to the voice note to rename.
 - d. Select **Menu** and then **Rename**.
 - e. In **Name**, enter a new name.
 - f. Select **Done**.
- 3 **To delete a voice note:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Voice Notes**.
 - c. Scroll to the voice note to delete.
 - d. Select **Menu** and then **Delete**.
 - e. Select **Yes**.



If you delete a voice note that has a default name, such as Voice Note 1, this name becomes available for a new voice note that you create. For example, if you have three voice notes, named Voice Note 1, Voice Note 2, and Voice Note 3, and you delete Voice Note 1, the next voice note you create will be named Voice Note 1.

Beaming information

You can use the Bluetooth or infrared port on your Smartphone to send and receive (beam) calendar appointments and contact cards between your Smartphone and another mobile device or a desktop computer that has Bluetooth or an infrared port and supports vCards and vCal. Alternatively, you can not beam R-UI-M contacts.



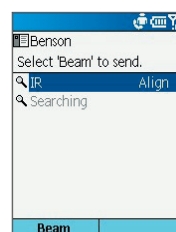
1 To beam a contact:

- On the **Home** screen, select **Contacts**.
- Select the contact to beam.
- Select **Menu** and then **Beam Contact**.
- Scroll to the device to which you want to beam.
- To beam by infrared, make sure that the infrared ports are unobstructed and within close range of each other.
- To beam by using Bluetooth, make sure that both Bluetooth radios are turned on and that Bluetooth is discoverable on the receiving device.
- Select **Beam**.

Status information will then be displayed, indicating the name of the device to which the Smartphone is beaming, and whether the beaming process is pending, finished, or has failed.

2 To beam an appointment:

- On the **Home** screen, select **Start**.
- Select **Calendar**.
- Select the appointment to beam.
- Select **Menu** and then **Beam Appointment**.
- Scroll to the device you want to beam to.



- f. To beam by infrared, make sure that the infrared ports are unobstructed and within close range of each other.
- g. To beam by using Bluetooth, make sure that both Bluetooth radios are turned on and that Bluetooth is discoverable on the receiving device.
- h. Select **Beam**.

Status information displays, indicating the name of the device to which the Smartphone is beaming, and whether the beaming process is pending, finished, or has failed.

3 To receive beamed information:

- a. On the **Home** screen, select **Start**.
- b. Select **Settings** and then **Beam**.
- c. Select **Receive incoming beams**.
- d. To receive by infrared, align the infrared ports so that they are unobstructed and within close range of each other.
- e. To receive by using Bluetooth, make sure your Bluetooth radio is turned on and in discoverable mode.
- f. Select **Yes** to receive the information.

Once you select **Receive incoming beams**, your device automatically receives beams until you clear this check box.



Your Smartphone can receive beamed files of any type, but you may need to copy some files to your desktop computer for viewing.

6.4 Photo Contacts

Photo Contacts makes using your Smartphone 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 Smartphone's incoming call screen. Use the rich set of features to get the photos displayed with the size, position, and animated **ID** template you want.

To activate Photo Contacts:

Press **Start, More**, then **Photo Contacts**.



Photo Contacts do not run automatically when you turn on your phone. You must turn them on.

To check if Photo Contacts are loaded:

After you open Photo Contacts they will start to load.

If you see  in the top toolbar, it indicates photo contacts are loaded.  indicates that they are not loaded yet and therefore an incoming call will not show the picture.

To create a new photo contact:

1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, or create a new one by pressing **Menu** then **New**.



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

3. Press **Assign Photo**.
4. Select a picture file, then press **Next** (to look in different folder for a picture press **Menu** then **Change Folder**) and **Done**.

To customize and adjust settings for a contact:

Select a picture, press **Next** - as described above - then press **Menu**.

In this **Menu** you can:

- a. Change the assigned template by pressing **Next Template** or **Previous Template**.
- b. Change to photo only - no template - by pressing **Display Settings**, then **Use photo only**.



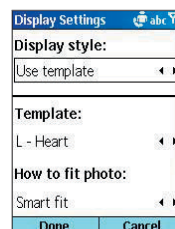
A few sample **Photo Contacts** templates (animated graphical templates that can frame your assigned photos) are included in your Smartphone's local storage in the **My Documents\Templates** folder. For more templates go to **IA Style** website <http://www.iastyle.com>

- c. Choose how you want the photo to fit to the window.
- d. Enlarge the photo if it is smaller than the window.
- e. If you disable the template option, then you can choose a size and position for the picture by pressing Change position.
- f. If you choose **Photo only**, then you can decide its size by pressing **Display Settings, Size**, then choosing a pixel size from the list.
- g. Choose to assign a different photo.

To assign a photo from the camera:



1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, or create a new one.
3. Press **Assign Photo, Menu** then **New from Camera**.
- 4.. After you take the picture, customize if necessary, then press **Done**.



To unassign a photo:



1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, and open it.
3. Press **Menu**, then **Unassign Photo**.



To filter photos:



1. Press **Start, More**, then **Photo Contacts**.
2. Press **Menu, Filter**, then select from **No Filter, Contacts only, R-UIM only** and **Group**.

To change from Landscape to Portrait:



- 1. Press **Start, More**, then **Photo Contacts**.
- 2. Select a contact from the list, and press **Assign Photo**.
- 3. Press **Menu**, then select to display thumbnails as **Landscape** or **Portrait**.

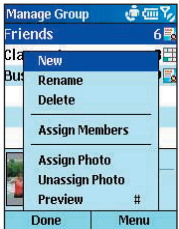
Managing your groups

You can create a new group, rename, delete, and assign and unassign members and photos to a group

To assign a contact to a group:



- 1. Press **Start, More**, then **Photo Contacts**.
- 2. Press **Menu**, then **Manage Group**.
- 3. Select a group from the list, or press **Menu** to create a new group.
- 4. Press **Menu** again to **Assign Members**, **Rename**, **Delete** or **Assign Photo**.



Set Default Photos

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

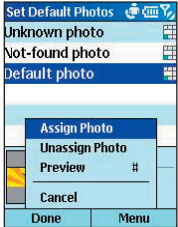
Unknown photo	This photo will display whenever the phone number of the incoming call is not known to Caller ID because no phone number was "passed in" to your Smartphone. This would occur if the person calling you has blocked their phone number from being displayed to the receiver, or has not enabled the broadcast of their Caller ID .
---------------	--

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

To set Default Photos:



1. Press **Menu**, **Options** then **Set Default Photos**.
2. Select **Unknown photo**, **Not-found photo** or **Default photo**.
3. Select a picture, then assign settings.



Chapter 7

Synchronizing information

- 7.1 Understanding ActiveSync
- 7.2 Synchronizing with a desktop computer
- 7.3 Synchronizing with a server
- 7.4 Other synchronization information



7.1 Understanding ActiveSync

ActiveSync synchronizes information stored on your Smartphone with Microsoft Outlook information on your desktop computer or Microsoft Exchange Server. It also allows you to share files between your phone and your desktop computer.

When you synchronize, ActiveSync compares the information on your device with the information on your desktop computer and/or Exchange Server and updates all locations with the most recent information.

With ActiveSync, you can:

- Synchronize Inbox, Contacts, Calendar, and Tasks information on your phone with your desktop computer.
- Synchronize Inbox, Contacts, and Calendar on your phone with the Outlook information on a server running Microsoft Exchange Server so that you have the latest information, even when your desktop computer is turned off.
- Copy (rather than synchronize) files between your phone and your desktop computer.
- Synchronize on a schedule to control when synchronization occurs.
- Select which types of information are synchronized and specify how much information is synchronized. For example, you can choose how many weeks of past appointments to synchronize.



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

7.2 Synchronizing with a desktop computer

Installing ActiveSync

Before you can synchronize information with a desktop computer, you must first install ActiveSync on your desktop computer and create a partnership between your Smartphone and your desktop computer.

You can install ActiveSync on the desktop computer from the Smartphone Companion CD. ActiveSync is already installed on your Smartphone.

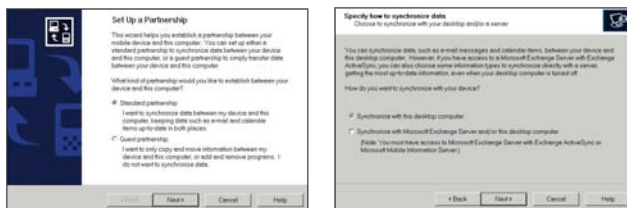
Creating a partnership

As soon as ActiveSync installation completes, the **New Partnership** wizard helps you set up a partnership between your Smartphone and your desktop computer.

When you finish using the wizard, the first synchronization begins automatically. When synchronization completes, you will notice that the information from your desktop computer that you selected now appears on your Smartphone.



Before you begin setting up ActiveSync, you should get the information you will need and connect the device to your computer by a serial, USB, or infrared connection.





To prevent synchronization problems, select **Synchronize with Microsoft Mobile Information Server and/or this desktop computer** in the New Partnership wizard only if you are certain that your company is running **Microsoft Mobile Information Server 2002 or later** and you know the server name. Otherwise, select **Synchronize with this desktop computer**. For more information, contact your network administrator or service provider.

Starting and stopping synchronization

The first synchronization begins automatically after you finish using the New Partnership wizard. From then on, you may start and stop the synchronization in the following way:



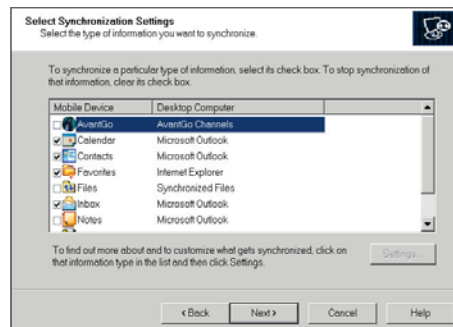
- 1 On the **Home** screen, select **Start** and then **ActiveSync**.
- 2 To start synchronization, select **Sync**.
- 3 To stop synchronizing, select **Stop**.

Deciding which information to synchronize

By default, ActiveSync does not automatically synchronize all types of Outlook information. You can use ActiveSync options to turn synchronization for specific information types on and off:



- 1 On your desktop computer, open the **Microsoft ActiveSync** program. Click on **Options**.
- 2 By default, **Calendar**, **Contacts**, **Tasks**, and **Inbox** are synchronized. Clear the check box for the item you do not want to synchronize.
- 3 To adjust the settings for a particular type of information, click on the type and then select **Settings**. For example, you may select which folders in Inbox to synchronize.



7.3 Synchronizing with a server

You can use the New Partnership wizard when you are first setting up a partnership with a desktop computer to synchronize with an Exchange server. In the New Partnership wizard, select **Synchronize with Microsoft Mobile Information Server and/or this desktop computer**, instead of **Synchronize with this desktop computer**.



If at some later time you want to synchronize with a server when the device is connected to the desktop computer, you must then configure ActiveSync on the desktop computer as described in "Synchronize with a server" in ActiveSync Help on the desktop computer.



1 To configure an Exchange Server connection:

- a. If the device is connected to your desktop computer, disconnect it. On the Smartphone **Home** screen, select **Start**.
- b. Select **ActiveSync**.
- c. Select **Menu** and then **Options**.
- d. Select **Server Settings**.

- e. Select **Connection**.
- f. In **User name**, enter your Microsoft Exchange user name.
- g. In **Password**, enter your Microsoft Exchange password.
- h. In **Domain**, enter the name of the domain of your Exchange server (if required).
- i. If you want the device to save your password so that you need not enter it when connecting, select **Save password**.
- j. If configuring a **Server Name**, enter name of your Exchange server.
- k. Select **Done**.

2 To change Exchange server synchronization settings:

- a. Before you change synchronization settings, disconnect the device from your desktop computer. On the Smartphone **Home** screen, select **Start**.
- b. Select **ActiveSync**.
- c. Select **Menu** and then **Options**.
- d. Select **Server Settings**.
- e. Select the synchronization settings to edit: **Calendar**, **Contacts**, or **Inbox**.
 - ♦ To start synchronizing Calendar, Contacts, or Inbox information, select **Sync [Information Type] with a server** on the appropriate synchronization settings page.
 - ♦ To stop synchronizing Calendar, Contacts, or Inbox information, clear the **Sync [Information Type] with a server** check box on the appropriate synchronization settings page.
 - ♦ Change the amount of information to be synchronized.

Creating a synchronization schedule

You can create a schedule for automatically synchronizing information on your Smartphone with your desktop computer or with Microsoft Exchange Server. To set up a synchronization schedule with your desktop computer, you must use ActiveSync on the desktop computer. For instructions, see *Change desktop synchronization schedule* in ActiveSync Help on the desktop computer.

To set up a synchronization schedule with Exchange server, you must use ActiveSync on your Smartphone. You can schedule synchronization of your device on two separate schedules:

- **Peak times schedule:** To synchronize during working hours or other times you experience higher mail volumes.
- **Off-peak schedule:** To synchronize during times when you experience lower mail volumes. When you are roaming, you can synchronize manually to reduce roaming charges, or you can synchronize using the mobile schedules.



- 1 To edit schedule settings, your Smartphone must be disconnected from your desktop computer. On the Smartphone **Home** screen, select **Start**.
- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **Mobile Schedule**.
 - a. Select how often to synchronize in the **Peak time sync** list.
 - b. Select how often to synchronize in the **Off-peak time sync** list.
 - c. Select whether or not to synchronize on a schedule in the **Roaming sync** list.
 - d. Select **Sync outgoing items as they are sent** to synchronize every time you send e-mail.
- 5 Select **Done**.

If you create a schedule for synchronizing while connected to a desktop computer as well as a schedule for synchronizing remotely (wirelessly), the Smartphone synchronizes according to both schedules.

Synchronizing Automatically

With ActiveSync you can schedule automatic synchronization between your device and a server every time an item arrives or is changed at the server. Your device is informed of that event and synchronizes automatically to retrieve those items, making your device always up-to-date. You must synchronize your device at least once (such as after creating a partnership) before you can see and change the settings for synchronization as items arrive.



You can synchronize as items arrive only if your company or service provider is running Microsoft Exchange Server with Exchange ActiveSync.

To set up a schedule to synchronize automatically:



- 1 On the Smartphone **Home** screen, select **Start**.
- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **Mobile Schedule**.
- 5 Set **Peak time sync** and/or **Off-peak time sync** to **As items arrive**.
- 6 Select **Done**.

7.4 Other synchronization information

Remote synchronization

Remote synchronization is when your device is synchronizing over a wireless connection instead of using a direct local connection to a desktop computer. Synchronizing remotely with your desktop computer may depend on your network configuration. For example, you may need to set up a virtual private network (VPN) connection to your network.

To synchronize remotely you need to set up a connection first. For information about setting up a connection, see 3.3 *Data Connections*. Then configure your phone as described in the following procedure:



- 1 On the **Home** screen, select **Start**.
- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **PC Settings**.
- 5 In **Use**, scroll to the computer name.
- 6 Select or clear **Use mobile schedule to sync with this PC**.
- 7 Select or clear **Sync with this PC during manual sync**.
- 8 Select **Done**.



To synchronize remotely with a desktop computer, the desktop computer must be turned on.

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:



- 1 Messages are copied from the Outlook Inbox folder on your desktop computer, or from Microsoft Exchange Server, to the Inbox folder on your Smartphone.
- 2 By default, when synchronizing Inbox information with your desktop computer or Microsoft Exchange Server, you receive only messages from the last 3 days and the first 500 bytes of each new message.
- 3 The messages on your Smartphone and on your desktop computer are linked. When you delete a message on your Smartphone, it is deleted from your desktop computer the next time you synchronize, and vice versa.
- 4 Messages in subfolders of other Outlook e-mail folders are synchronized only if the folders have been selected for synchronization in Inbox on your Smartphone.



SMS messages are not received in Inbox through synchronization. Instead, they are sent to your Smartphone by way of your service provider.

Synchronizing Calendar

When you select Calendar for synchronization in ActiveSync, by default Calendar items from the last 2 weeks are synchronized.

Calendar items created on your Smartphone are copied to your desktop computer and/or server during synchronization, and vice versa. Similarly, Calendar items that are deleted from your Smartphone are deleted from your desktop computer and/or server during synchronization, and vice versa.

Synchronizing Contacts

When you select Contacts for synchronization in ActiveSync, by default all of your contacts are synchronized.

Contacts created on your Smartphone are copied to your desktop computer and/or server during synchronization, and vice versa. Similarly, contacts that are deleted from your Smartphone are deleted from your desktop computer and/or server during synchronization, and vice versa.

Synchronizing Tasks

Task synchronization is automatically selected in ActiveSync. By default, all of your incomplete tasks are synchronized.

Tasks created on your Smartphone are copied to your desktop computer during synchronization, and vice versa. Similarly, tasks that are deleted from your Smartphone are deleted from your desktop computer during synchronization, and vice versa.



Tasks can be synchronized only with your desktop computer; they cannot be synchronized with a server running Microsoft Exchange Server.

ActiveSync error messages

If your information cannot be successfully synchronized, you will see an error message on your Smartphone. To view more information about the error, scroll to it and press the Action key.

Some errors interfere with automatic synchronization. If you suspect that a scheduled synchronization has not occurred, you should attempt to manually synchronize your information. Successfully completing manual synchronization resets automatic synchronization. For more information, see "Synchronizing Information" in ActiveSync Help on your desktop computer.

Chapter 8

Internet, entertainment and more

- 8.1 Internet Explorer
- 8.2 Media Player
- 8.3 Calculator
- 8.4 Modem link
- 8.5 Games



8.1 Internet Explorer

Using Pocket Internet Explorer (IE), you can browse the Web on your Smartphone. Pocket IE supports HTML (Hypertext Markup Language), cHTML (compact Hypertext Markup Language), and WAP (Wireless Application Protocol). It also supports JScript, ActiveX controls, and CSS (cascading style sheets). The browser supports images and sounds, but it does not support frames on a Web page.

Navigating in Pocket IE



- 1 **To open Internet Explorer:** On the **Home** screen, select **Start** and then **Internet Explorer**.
- 2 **To disconnect from the Internet:** Press the **End** key.
- 3 **To View a favorite:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **Internet Explorer**.
 - c. If the Favorites list does not appear, select **Favorites**.
 - d. Scroll to a favorite and select **Go**.
- 4 **To go to a link:** Select the link. (Scroll vertically or horizontally to see all available links.)
- 5 **To go to a Web page:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **Internet Explorer**.
 - c. Select **Menu** and then **Address Bar**.
 - d. Enter the Web address and select **Go**.
- 6 **To return to a Web page you visited in the same session:**
On a Web page, press the **Back** key repeatedly until the page appears.
- 7 **To view a list of recently-visited Web pages:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **Internet Explorer**.



- c. Select **Menu** and then **Address Bar**.
- d. Select **View History**.
- e. To go to a Web page on the History list, scroll to the Web page address and select **Go**.



While you are connected to the Internet, you can change between Pocket Internet Explorer and other programs on your Smartphone by pressing the Home key and navigating to the program you want. This does not close your Internet connection. To return to the Web page you were viewing, press the **Back** key.



Using the Favorites list

If you see a Web page you want to visit another time, mark it as a favorite. The next time you want to visit that Web page, you can select it from your Favorites list.



1 To add a Web page to the Favorites list:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer**.
- c. Select **Menu** and then **Add Favorite**.
- d. In **Name**, enter a name for the Web site.
- e. In **Address**, enter the Web page address.
- f. In **Folder**, scroll to select a folder for this favorite.
- g. Select **Add**.



2 To edit a favorite:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer** and then **Favorites**.
- c. Scroll to the favorite to edit.
- d. Select **Menu** and then **Edit**.
- e. Make your changes and select **Done**.

3 To delete a favorite:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer** and then **Favorites**.
- c. Scroll to the favorite to delete.
- d. Select **Menu** and then **Delete**.

4 To create a new folder in Favorites:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer** and then **Favorites**.
- c. Select **Menu** and then **Add Folder**.
- d. In **Name**, enter a name for the folder.
- e. Select **Add**.

Refreshing Web pages

The Smartphone caches the Web pages that you view and stores them until the cache is full. It then replaces the oldest pages with new pages. If you go to a page that is cached on your Smartphone, you see the stored version unless you refresh the page to see the latest version.



- 1 On the **Home** screen, select **Start**.
- 2 Select **Internet Explorer**.
- 3 If you want to refresh a page other than the one displayed, in your **Favorites** or **History** list, scroll to the Web page and select **Go**.
- 4 Select **Menu** and then **Refresh**.

Customizing Pocket Internet Explorer

You can customize Web browsing options, change the network to connect to, and make more memory available on your Smartphone by clearing stored cookies and Web pages.

- 
1. On the **Home** screen, select **Start**.

2. Select **Internet Explorer**.

3. Select **Menu** and then **Options**.

4. Select **General**.

5. Select the options you want, as described in the following table, and select **Done**.

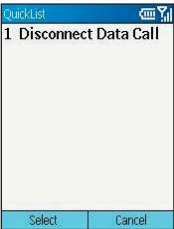
IE options	Functions
General	Enables you to change the way Web pages are downloaded and displayed. For example, you can choose to omit displaying images, turn off sound, fit the Web page to the screen, request a warning before viewing unsecure Web pages, allow cookies, or change the language.
Connections	Enables you to change the network to connect to. For example, change from "The Internet" to "Work".
Memory	Enables you to clear temporary Internet files cookies, and your Web history.

Disconnecting from the Internet

- 
1. On the **Home** screen, press and hold Home until the quick menu appears.

2. Select **Disconnect Data Call**, then press **Select**.

3. To reconnect press **Connect Data Call**, then **Select**.



8.2 Media Player

Using Windows Media Player 7.0 or later, you can play Windows Media audio and video files and MP3 audio files on your Smartphone. You can also copy digital music and video directly from your desktop computer to your Smartphone by using either Windows Media Player or Microsoft ActiveSync.

For more information about copying files by using Windows Media Player, see Media Player Help on your desktop computer. For more information about copying files by using ActiveSync, see ActiveSync Help on your desktop computer.

Playing files



1 To select and play a file:

- On the **Home** screen, select **Start**.
- Select **More** and then **Windows Media**.
- Scroll to the file to play and select **Play**.

2 To start and stop playing a file:

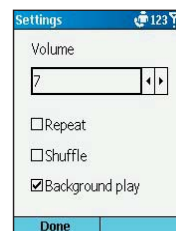
Press the **Action** key.

3 To adjust the volume of a playing file:

Use the **Volume control** to increase or decrease the volume while a file is playing.

4 To configure playback settings:

- On the **Home** screen, select **Start**.
- Select **More** and then **Windows Media**.
- Select **Menu** and then **Settings**.
- In **Volume**, scroll to select the default volume: 0 is silent and 10 is maximum volume.
- To repeat files as soon as they finish playing, select **Repeat**.
- To randomly shuffle the files that play, select **Shuffle**.
- To play files while using another program, select **Background play**.
- Select **Done**.



5 To skip to the beginning of the current file:

Press the left direction key.

6 To skip to the beginning of the previous file in the Local Content list:

Press the left direction key twice quickly.

7 To skip to the next file in the Local Content list:

Press the right direction key.

8 To play a streaming media file on a network:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Windows Media**.
- c. Select **Menu** and then **Open URL**.
- d. Enter the Web page address and select **Play**.



9 To play files randomly:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Windows Media**.
- c. Select **Menu** and then **Settings**.
- d. Select **Shuffle** and then **Done**.

10 To play files repeatedly:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Windows Media**.
- c. Select **Menu** and then **Settings**.
- d. Select **Repeat** and then **Done**.

11 To stop playback when using another program:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Windows Media**.
- c. Select **Menu** and then **Settings**.
- d. Select **Background play** and then **Done**.

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12 To return to a Web page you visited in the same session:

On a Web page, press the **Back** key repeatedly until the page appears.

13 To add a streaming media file to Favorites:

- In **Windows Media**, select **Open URL** in **Menu**.
- Enter the Web page address. Select **Play**.
- Select **Menu** and then **Add to Favorites**.

14 To play a Favorite:

- In **Windows Media**, select **Menu**.
- Select **Favorites**.
- Scroll to a file, select **Menu** and then **Play**.

15 To delete a Favorite:

- In **Windows Media**, select **Menu**.
- Select **Favorites**.
- Scroll to a file, select **Menu** and then **Delete**.

Menu options when playing a file

While a file is playing, select **Menu** and then you may use the menu commands as described in the following table.

Options	Functions
Play/Stop	To play or stop playback of the current file.
Next	To skip to the next file or the current play list. This command is not available if the last file is the current selection.
Memory	To skip to the beginning of the current file on the current play list. If no file is playing, this command skips to the previous file on the current play list.
Open URL	To play a streaming media file on a network (for example, content streamed from an Internet radio station.)

Options	Functions
Properties	To display information about the file that is playing
Settings	To display the Setting screen, from which you can adjust the volume and specify various playback options.
Add to Favorites	To add a file that is playing to Favorites.

Supported file formats

Media Player supports the following file formats.

Format	File name extensions
Windows Media	.asf, .asx, .wax, .wm, .wma, .wmv, .wmx, .wvx
Moving Picture	.mp3
Experts Group (MPEG)	

Supported audio and video codecs

Media Player can play files that have been compressed by using any of the following audio and video codecs.



1 Audio codecs:

- a. Microsoft Windows Media Audio codec version 2.0, 7.0, and 8.0
- b. Fraunhofer IIS-A MPEG-1 Audio Layer-3 codec

2 Video codecs:

- a. Microsoft Windows Media Video codec version 7.0 and 8.0
- b. Microsoft MPEG-4 video codec version 3.0
- c. ISO MPEG-4 video codec version 1.0

Understanding licenses

Some digital media content from the Internet, CD tracks, and videos have associated licenses that protect them from being unlawfully distributed or shared.

To ensure that the license is copied with the content, use the **Portable Device** (or Copy to CD or Device) feature in Windows Media Player 7.0 or later on your desktop computer to copy content to your Smartphone.



For more information about copying content to your Smartphone and other portable devices, see the Windows Media Player Help on your desktop computer.

8.3 Calculator

Calculator performs basic arithmetic, such as addition, subtraction, multiplication, and division.



- 1 **To perform a calculation:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Accessories**.
 - c. Select **Calculator**.
 - d. Enter the first number of the formula by using the keypad.
 - e. Select **Options** and then the type of calculation to perform: **Add**, **Subtract**, **Multiply**, **Divide**, or **Decimal Point**.
 - f. Enter the second number of the formula.
 - g. Select **Options** and then **Equals**.
- 2 **To scroll through the available mathematical symbols:** Press the **#** key.
- 3 **To enter a decimal point:** Press the ***** key.
- 4 **To display the available mathematical symbols:** Use the navigation pad. Press up for the plus sign (+), down for the minus

sign (-), left for the division sign (/), and right for the multiplication sign (X).

5 **Clear a displayed number or calculation:** Select **Clear**.

6 **Clear the last digit entered:** Press the **Back** key.

8.4 Modem link

Using Modem Link, you can use your Smartphone as an external modem for another device or computer by using a serial port, infrared, bluetooth or USB connection.



1 To set up an infrared or USB modem connection:

- a. Ensure that your Smartphone is not connected to another device.
- b. On the **Home** screen, select **Start**.
- c. Select **More** and then **Accessories**.
- d. Select **Modem Link**.
- e. In **Connection**, select **USB** or **IrCOMM**.
- f. Select **Menu** and then **Activate**.

2 To set up a serial port modem connection:

- a. Ensure that your Smartphone is not connected to another device.
- b. On the **Home** screen, select **Start**.
- c. Select **More** and then **Accessories**.
- d. Select **Modem Link**.
- e. In **Connection**, select **Serial (COM1)**.
- f. Select **Menu** and then **Activate**.

The default baud rate is set for 115,200. Do not change this default unless the port speed of the Smartphone or computer requires you to do so.

3 To activate the modem link:

- a. On the **Home** screen, select **Start**.

- b. Select **More** and then **Accessories**.
- c. Select **Modem Link**.
- d. Select **Menu** and then **Activate**.

4 To deactivate the modem link:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Accessories**.
- c. Select **Modem Link**.
- d. Select **Menu** and then **Deactivate**.

Failing to deactivate the modem link when you are finished using it might result in problems with using ActiveSync in the same session.

8.5 Games

8. Internet and fun

Jawbreaker

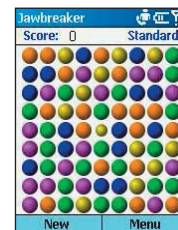
The object of Jawbreaker is to clear out all the balls. The rule is that you may only clear out adjacent same-colored balls. The score depends on the number of the balls you clear out at every move.

Score equation: $S = B * (B-1)$

S: Score per move

B: Number of balls you clear out

For example, you score 30 points for clearing out 6 balls at one move.



1 To start a game of Jawbreaker:

- a. On the **Home** screen, select **Start**.
- b. Select **More**, select **Games**, and then select **Jawbreaker**.

2 To start a new game: In Jawbreaker, select the **New** soft key.

3 To score: Navigate to the ball you want to clear and press the navigation pad.

Solitaire

The object of Solitaire is to use all the cards in the deck to build up the four suit stacks in ascending order, beginning with the aces. You win the game when all cards are on the suit stacks.

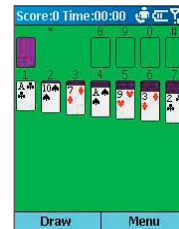


1 To start a game of Solitaire:

- a. On the **Home** screen, select **Start**.
- b. Select **More**, select **Games**, and then select **Solitaire**.

2 To start a new game: In Solitaire, select the **Menu** soft key and then select **New Game**.

3 To move cards: A number or character is displayed above each card stack. On the keypad, press the number or character of the card to move, and then press the number or character of the stack to which you want to move the card.



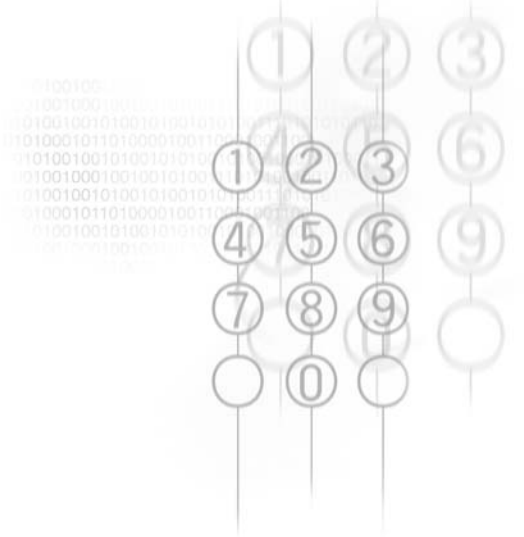
Pressing the up direction key moves a card to one of the four stacks in the upper right corner of the screen if it belongs there. For example, if an ace appears in one of the lower stacks, press the number above it, and then press the Up direction key.

4 To play Solitaire:

- a. Move any aces on the seven stacks to the four card spaces at the top of the screen, and then make any other available plays.
- b. When you have made all available plays, press the **Draw** soft key to turn over cards.
- c. The card that is face up on the deck is always available for play.

Appendix

Regulatory Notices
Troubleshooting
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Regulatory Notices

Agency Identification Numbers

For regulatory identification purposes your product is assigned a model number [ST10B](#).

The following accessories have been evaluated 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 Smartphone, use only the accessories listed below with your [ST10B](#).



This product is intended to be used with certified class 2, limited power source, rated 5 V dc, minimum 1A power supply unit.

Federal Communications Commission Notice

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 TV reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the Reference authority to operate the equipment.

Important Safety Information

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

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

Safety Precautions for RF Exposure

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 original manufacturer approved accessories. When carrying the phone while it is on, use the specific original manufacturer supplied or approved carrying case, holster, or other body-worn accessory.



Use of non-original manufacturer-approved accessories may violate FCC RF exposure guidelines and should be avoided.

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 com-

puters 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 an LCD screen.

Safety Precautions for Power Supply Unit

Use the correct external power source: A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product. **Handle battery packs carefully: This product contains a Lithium ion 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).

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.

*In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 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. The highest SAR value for this model phone when tested for compliance against the standard was 1.35 W/kg



Your smartphone contains a lithium-ion battery pack. There is a risk of fire and burns if the battery pack is handled improperly.



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



Troubleshooting

If you encounter a problem with your Smartphone, review the list below to try and find your problem. If still having problems, please contact Technical Support or your dealer.

Operating Problems

Problem	Solution
■ My Smartphone screen is blank.	1 Your Smartphone is designed by default to switch to a screen saver. To turn it on press any key. 2 Your Smartphone battery may run down. Charge your Smartphone immediately.
■ My Smartphone does not make any sound or vibrate when the phone rings or alarms occur.	1 Check the sounds setting by pressing Start → Settings then Sounds. 2 Check the Options setting on your Calendar to see if the even note reminder is activated.
■ My Smartphone operation becomes very slow.	You may open too many programs. To release the operation loading by pressing Start → Settings → System Management → Task Manager to stop unnecessary programs.
■ A battery low warning message pops up on the screen.	Plug the AC power to your Smartphone to charge it.
■ Viewing my incoming messages	The 2 kinds of messages - Email and SMS - can be viewed in the following places: SMS - Inbox, then SMS. Email - Inbox, then Activesync.

Operating Problems (Cont'd)

Problem	Solution
■ A warning message about Running out of memory pops up on the screen.	You can create space on your device in the following ways: 1 Delete any unnecessary information you have entered - for example, mail, photos or video clips. 2 Delete unnecessary programs by pressing Start → Settings, and then Remove Programs.
■ I cannot open an image or video file.	The image format is not supported. See Chapter 3 for more information on supported file formats.
■ The image appears dark when using the camera.	You can adjust for different light conditions in Camera , by pressing Menu , Ambience and then selecting.

ActiveSync Problems

Problem	Solution
■ ActiveSync operation can not be performed or connected.	1 Make sure the ActiveSync cradle/cable is connected securely. 2 Make sure you have installed the Active-Sync software within the Smartphone 2003 companion CD. 3 Make sure you selected Local USB or Local Serial, as appropriate, from the Connection Settings on ActiveSync Manager menu on your desktop computer.

- ActiveSync is connected, but data or information cannot be transferred.

■ I cannot perform over-the-air synchronization.
- 4

If you are using the optional serial cradle/cable, make sure you are not running another program which also works with serial port you selected when installed.

5

If still could work at all, try to remove the ActiveSync software from the control panel of your desktop computer, and then re-install again.
- Check the **Sync Options** on **ActiveSync Manager** menu on your desktop computer to see if the information type of the program you want has been selected for synchronizing. See more details information about ActiveSync in **Chapter 7**.

You have to have installed Microsoft Mobile Information Server.

Connection Problems

Problem	Solution
■ Unable to use Infrared (IR) to transfer information.	1 Transfer only one file or no more than 25 contact cards at a time. 2 Line up the IR ports so that they are unobstructed and within close range. 3 Make sure nothing is between the two IR ports. 4 Adjust the room lighting. Some types of light interfere with IR connections. Try moving to a different location or turning off some lights.

Connection Problems (Cont'd)

Problem	Solution
■ Cannot connect to Internet, web surfing doesn't work.	Try the following : 1 Check you have set up and connected to an Internet service provider. 2 Check your wireless connection to your mobile service provider is switched on and the signal unobstructed. 3 Verify with your Internet service provider that your user name and password are correct.
■ Cannot end a Bluetooth connection	If another device leaves its link on when it is pairing with your device, the only way to disconnect is by deactivating the Bluetooth link. Go to Bluetooth and select Bluetooth and then Off .
■ Cannot find a particular device.	1 Check the other device is activated. 2 Check you are within 10 meters of each other, and there are no obstructions. 3 Check the other device is not in 'Hidden' mode.

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