Smart Phone
GSM 850/900/1800/1900MHz
User's Guide
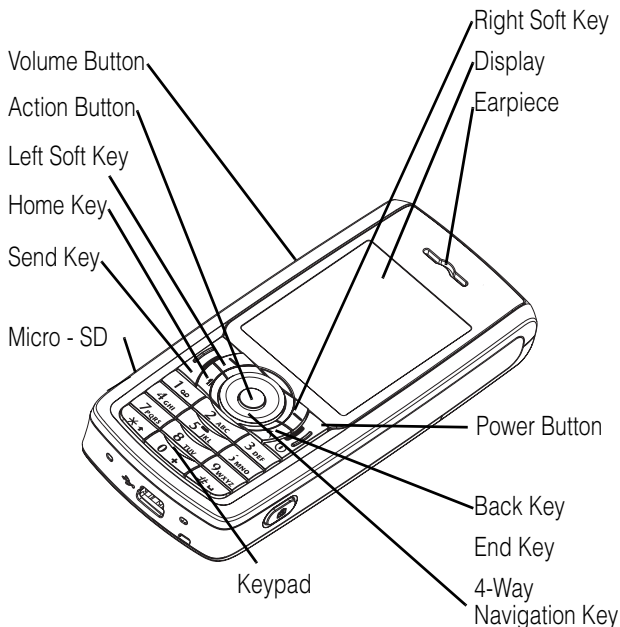
Contents

Phone Overview

Welcome to the world of this smartphone device. Your wireless phone delivers to you simplified communications, increased productivity and the control to develop a superior mobile experience whether at work, at home, on the road or at play.

Right Soft Key

Display

Earpiece

Volume Button

Action Button

Left Soft Key

Home Key

Send Key

Micro - SD

Power Button

Back Key

End Key

Keypad

4-Way Navigation Key

Menu Options

This is the default menu on your smartphone. It can be accessed by pressing **Start** ⟋⟋ from the Home screen of your phone.

Note: This is the standard main menu layout. Menu organization and feature names may vary on your phone. Not all features may be available on your phone.

Internet Explorer *

Tasks

Windows Media *

Calendar

Messaging
- Text Message
- Outlook E-mail

Contacts

ActiveSync

Call History

Settings
- Phone *
- Sounds
- Profiles
- Home Screen
- Clock & Alarm
- Connections
- Security
- Remove Programs

- Power Management
- Accessibility
- Regional Settings
- Owner Information
- About
- Error Reporting
- Phone Settings

Games

Voice Recorder

Picture s& Videos

Accessories
- Calculator
- Download Agent
- Modem Link

File Explorer

File Manager

JBlend

Pocket MSN

Resource Manager

* Optional network, SIM card, or subscription-dependent feature.

SIM manager
Speed Dial
T9 Settings
XLex Dictionary

Shortcuts
Go to dialed calls list: Press 〔◀ (in idle).
Use Speech Recognition or Voice Recorder: Press and hold up or down (in idle).
Adjust earpiece or speaker volume: Press up or down to increase or decrease volume.
Take photos: Press **Start** ⟋ > **More** > **More** > **Video Camera**. Fix the viewfinder and press ⬭ .
Open Quick List: Press and hold ⬒ (in idle).
Go to Home screen: Press ⬒ .
Lock keypad: Press and hold ⬲ (in idle).

Important Safety Precautions

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

SAFETY IN AIRCRAFT

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

SAFETY FOR ENVIRONMENTS

Do not use this product in gas stations. Also the use of this product is prohibited in fuel storehouse, chemical plants and locations containing explosives.

SAFETY ON THE ROAD

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

SAFETY ABOUT RADIATION

This product should be operated in the suggested normal condition only to ensure the radiative performance and safety of the interference.

SAFETY FOR MEDICAL EQUIPMENT

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

Attention

There are no user serviceable parts inside this product. If this product appears to be broken, call a qualified service personnel or send this product to your original dealer. Do not attempt to disassemble or repair this product as it may result in electric shock or unrecoverable damage to the product itself.

Keep this product out of reach of small children.

Store this product in its protective case in a cool dry place.

Do not throw the battery into fire or other heat source. Dispose of used batteries according to your local regulations.

Caution: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Tips When Using

- Avoid using the product near metal structures (for example, large metal furniture or steel frames of a building). The transmission and reception of signal can be effected by these objects.

- Avoid using the product near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.

- Avoid using the product right after dramatic change of temperature.

European Union Directives Conformance Statement

$\mathsf{C}\mathsf{E}$ Hereby, Company Name declares that this product is in compliance with

• The essential requirements and other relevant provisions of Directive 1999/5/EC

• All other relevant EU Directives

Getting Started

Package Checklist

Your mobile phone comes with a battery, travel charger, USB data cable, mono headset, companion CD, user's guide, and product user data. You can purchase other accessories to customize your phone for maximum performance and portability.

To purchase original accessories, contact the local customer service centers, agencies or retailers.

About This Manual

This user's guide describes how to use your phone to its maximum potential.

Note: In this user's guide, "Feature Focus" always indicates the feature's position from the Home screen.

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories

This label identifies a feature that requires an optional original accessory.

Installing the SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, phonebook entries, and message memory.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

	Steps
1	If the phone's battery door is already in place, push down the release latch and lift the battery door off the phone.
	Note: Turn off your phone when you insert/remove the SIM card.
2	Lift the battery up from the bottom end and remove it from the battery compartment.
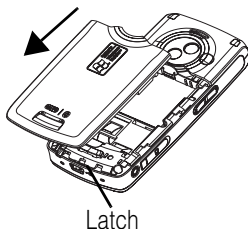
Latch
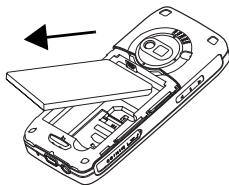
Steps
3 Hold the SIM card with the gold contact side facing down and the cut corner on the top left. Slide the SIM card all the way into the SIM card holder to secure it.

Cut Corner
SIM Card Holder

Getting Started
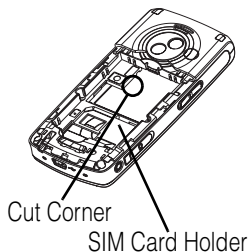
Installing the Battery

You must install and charge the battery for the first use of your phone. Your phone is designed to use only Company Name original batteries and accessories.

Steps
1 Insert the battery into the battery compartment, with the metal contacts on the top end of the battery in alignment with those on the battery compartment. Push the bottom end of the battery into into place.
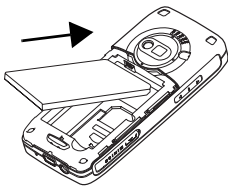
Steps
2 Place the battery door back on the phone, aligning the tabs on the battery door with the groove on the phone. Slide the battery door in the direction shown until it clicks into place.
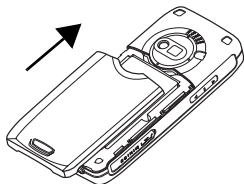
Charging the Battery

New batteries are partially charged. Before using your phone, charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Steps
1 Plug the travel charger connector into the sync/charger port. **Note:** The connector can only be inserted one way.
2 Plug the other end of the travel charger into an electrical outlet.

Battery Usage

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- When you charge the powered-off phone, the signal/charging indicator flashes red lights which will automatically turns off when the battery is fully charged. After charging the battery for 15 minutes, you can power the phone on. The signal/charging indicator will automatically turn off and the battery will take longer to fully charge accordingly. The battery power level indicator in the display shows how much of the charging process is complete.

- Your phone will indicate a full charge before 24 hours have passed. However, allow your phone to charge for the full 24 hours before first use.

- When battery power is low, a low battery message displays. Charge the battery immediately.

- If battery power is completely drained, the phone turns off automatically.

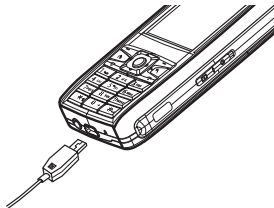- New batteries or batteries stored for a long time or drained batteries may take more time to charge, and the signal/charging indicator may take several minutes before appearing in the display. When the indicator starts to flash red lights, the battery is being charged.

- Always use original batteries and chargers. The warranty does not cover damage caused by incorrect types of batteries and/or chargers.

- When charging your battery, keep it near room temperature.

- When storing your battery, keep it uncharged in a cool, dark, and dry place.

- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

Warning: Contact your local recycling center for proper battery disposal. Never dispose of batteries in a fire because they may explode.

Adjusting Volume

	Press	**To**
1	$\updownarrow$ up/down	increase/decrease earpiece volume in idle or during a call
2	**Action** ◎	save the setting

Tip: When a call is ringing/incoming, press $\updownarrow$ up/down to mute the ring.

Making a Call

You can make a call in several ways. The easiest way is to dial a phone number from the Home screen.

	Press	To
1	keypad keys	enter the phone number
		Tip: Press **Back** $\not\!\!\!\!/$ to delete the last digit; press and hold **Back** $\not\!\!\!\!/$ to delete all digits.
2	**Send** $\langle$	make the call
3	**End** $\rangle_\odot$	end the call

Making an International Call

To make an international call from the Home screen, press and hold $\boxed{0 \cdot}$ to insert a "+"; then enter the country code, area code (omitting the starting 0), and phone number following it. Press **Send** $\langle$ ◄ to dial.

Dialing an Extension Number

To dial an extension number, you have to store it in a contact.

Feature Focus   **Start** $\not\!\!\!/$ > **Contacts**

	Press	**To**
1	⊚	scroll to a desired entry
2	**Action** ⊚	select the entry
3	⊚	scroll to a desired phone number
4	**Edit** ⟋⟋	edit the phone number
5	**Menu** ⟍⟍	open the options menu
6	**Action** ⊚	select **Insert Pause** to insert a "p" letter indicating a 3-second pause
		Tip: You can also press and hold ▭ to select **abc**, **ABC**, or **ABC** text input mode, and then press ▭ to enter "p".
7	keypad keys	enter an extension number to dial
8	**Done** ⟋⟋	save the setting

To dial the extension number saved in your contact:

Feature Focus	**Start** ⟋⟋ **> Contacts**

	Press	**To**
1	⊚	scroll to a desired entry
2	**Action** ⊚	select the entry

	Press	To
3	◎	scroll to a desired phone number including an extension number
4	**Send** 〔 ◄	make the call

Answering a Call

```
                    ▥ 🜂
                         Line 1

          Incoming

          Cook, Scott
          0920251825              w
```

Caller ID information is matched to a contact.

Phone number is identified as **Work** number in the **Contacts**.

| Accept | Reject |
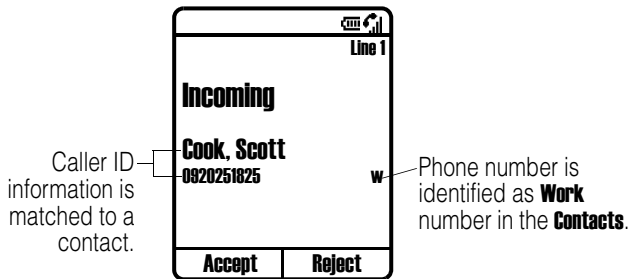
When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

	Press	To
1	**Send** 〔 ◄	answer the call
	or	
	Accept ⟡	
2	**End** ⟫|	end the call

Tip: When **Any key answer** is active, press any of the keys except **End** to answer the call. To activate, see "**Call Options**" on page 38.

Basic Operation

Using the Display

The Home screen (shown) is the standard display when you are not on a call or using the menu.

Status Indicators

Service Provider

Current Time

Number of Unread Messages

Service Provider Name
10:46 AM   **3/15/05**

Review meeting
1:30 PM

Profile: Normal
Text Messages (2)

Start   **Contacts**

Current Date

Next Appointment

Ring Type or Volume Profile
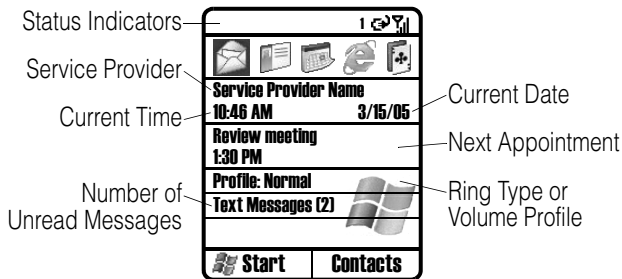
On the Home screen, you will find:

- The top of the display shows status indicators about your phone's current mode.

- The center of the display shows the Home screen, as well as icons, appointments, other types of information, and messages.

- The bottom of the display shows the soft key commands.

Note: The display shown may be different based on the specific Home screen configuration chosen. To change Home screen settings, see "" on page 42. The display will show a photo Caller ID from an incoming call if you have

activated the **Photo Contact** option (see "Adding Photo Caller ID" on page 37).

Status indicators display at the top of your phone's screen. The following table lists common status indicators and their meanings.

Icon	Meaning	Icon	Meaning
✉	**New email or SMS**	**G**	**GPRS available**
📭	**New voicemail**	🔋	**GPRS in use**
👤	**New instant message**	▲	**Roaming**
📞	**Voice call active**	🔄	**Sync error**
📶	**Data call active**	📵	**Radio off**
📞	**Call forwarding**	🔇	**Ringer off**
📞	**Call on hold**	◄	**Speaker on**
📞	**Missed call**	abc	**Multipress text input mode, lowercase**
🔋	**Battery level**	ABC	**Multipress text input mode, first character uppercase**
🔋	**Low battery**	ABC	**Multipress text input mode, caps lock**
🔌	**Battery charging**	t9	**T9 text input mode, lowercase**
🔋	**No battery**	T9	**T9 text input mode, first character uppercase**
📶	**Signal strength**	T9	**T9 text input mode, caps lock**

Icon	Meaning	Icon	Meaning
1	**Line 1**	123	**Numeric input mode**
2	**Line 2**	�e	**Vibrator on and ringer off**
ꙮ	**New voicemail on line 1**	×🔊	**Silent and speaker off**
ꙮ	**New voicemail on line 2**	ꙮ	**New voicemail on line 1 and line 2**

Using the Home Key

Use the Home key to do the following:

- From the Home screen, press and hold **Home** 🔲 to access the **Quick List**. The **Quick List** displays a list of available profile types and commands, such as turn off your phone, manage wireless connection, lock your phone's keypad, and lock your phone.

- Display the Home screen to dial a number.

- The Home screen is your starting place for most tasks. You can easily navigate to any program or setting from this screen. The top of the Home screen displays the last ten programs in icons you browsed. Just select a program and press **Action** ◎ to open the program. You can also press **Start** 〰 to enter the programs on the Start list. The Home screen also displays the current time and date, your next appointment, your current profile, and the number of unread messages in **Messaging**. Select your next appointment and press **Action** ◎ to open the **Calendar**, and see all of your appointments for the day. To read messages, select the messaging status showing the

number of unread messages, and press **Action** ◎ . To view phonebook entries, press **Contacts** ＼＞ .

- The Home screen automatically displays when you turn on the phone or leave the phone idle, but you can navigate to it at any time by pressing **Home** ＼ .

Using the 4-Way Navigation Key

Use the 4-Way Navigation key to navigate the menu system, change feature settings, and play games.

Tip: Down and up are your primary movements within menus and navigation through the contacts. Move left and right to change feature settings and edit text.

From the Home screen, press ◎ to do the following:

- Select a program in icon at the top of the screen, and then press **Action** ◎ to open the program.
- Select an item in the center of the Home screen, such as your next appointment, your profile type, or your messaging information, and then press **Action** ◎ to access the settings associated with the item selected.

Using the Action Button

The Action button confirms your selection. Pressing **Action** ◎ is similar to pressing "Enter" on a keyboard. In some cases, confirming your selection accesses a program or setting. You can also press **Action** ◎ to check or uncheck a feature.

Using the Soft Keys

The two Soft keys on your phone are located directly below the display screen. Each Soft key performs the command displayed above it on the screen. Both Soft keys are context sensitive — their function changes according to the phone's status, for example, when in a particular application or making a phone call.

On the Home screen:

	Press	To
1	**left soft key** ⫍⫍ (**Start**)	access programs in the Start list
		Tip: The phone comes pre-installed with core programs that you can start using immediately. To install additional programs on your phone, refer to the companion CD that came with your phone.

	Press	To
2	right soft key ⬐	access the following features during normal use:

- **Contacts**: displays your contacts list.

- **Voicemail**: displays a received voicemail(s).

- **Messages**: displays a new SMS or email message(s).

You can also use numbers to navigate quickly to programs or settings on the phone. Press the number on the keypad that corresponds to the number of the program or setting you want. For example, in the Start list, press [3 DEF] to launch the **Calendar**.

You can also use numbers to select menu options by pressing the number that corresponds to the menu option. For example, to select **Filter** in the list of **Contacts** menu options, press [5 JKL].

Using the Back Key

Press the Back key to navigate to the previous screen, or move the cursor back to delete one or more characters in a text field.

	Press	**To**
1	**Back** ⌫	backspace and remove one character in a text field
2	**Back** ⌫ for a while	backspace and remove multiple characters in a text field

Using Menus

On many screens, the Menu soft key is the Right soft key. Press **Menu** ⌐ to display a list of options that are relevant to the screen you are viewing. Selecting a menu option will either perform the command or display another screen where you can perform commands.

```
New Message              abc Yil
To: someone@example.com
Cc  1 Insert Contact
Su  2 Insert Text
    3 Insert Recording
    4 Message Options
    5 Postpone Message
    6 Send Message
    7 Cancel Compose
   Send          Menu
```
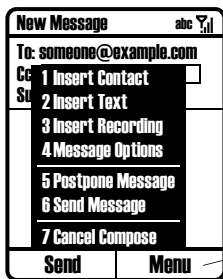
Press **Menu** ⌐ to display menu options.

Tip: Press ⊚ up to move to the bottom of the menu.

Entering Text and Numbers

You can enter text and numbers on the phone using the keypad. The 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 is used for entering numbers. When you select a field that requires text or a numeric entry, the phone automatically defaults to the appropriate input mode. The status indicator on the top of the display shows the input mode you are currently using.

Changing Input Modes

Steps

Press and hold ⌧ until the status indicator for the input mode you want is shown at the top of the display. To change options in **Multipress** or **T9**, for example, changes from **abc** to **ABC**, or from **T9** to **t9**, press ⌧ and release.

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

Indicator	Mode
abc	**Multipress** text input mode, lowercase
ABC	**Multipress** text input mode, initial capital letters
ABC	**Multipress** text input mode, uppercase

Indicator	Mode
t9	**T9** text input mode, lowercase
T9	**T9** text input mode, initial capital letters
T9	**T9** text input mode, uppercase
123	**Numeric** input mode

Tip: In **Multipress** or **T9** text input mode, the first letter of a sentence is automatically capitalized.

Entering Text in Multipress Mode

You can enter a letter in **Multipress** mode 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 remains underlined until you complete the keypresses and the cursor moves to the next position. For example:

	Press	To
1	`7PQRS` `7PQRS` `7PQRS` `7PQRS`	enter the letter **s**
2	`4 GHI` `4 GHI` `2 ABC` `8 TUV`	enter the word **hat**

When you enter letters that are on the same number key, wait until the underline disappears before entering the next letter so that 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.

Basic Operation

To change the **Multipress** time out:

	Press	To
1	◎ left/right	select the time interval you want for the pause between keypresses under **Multipress time out**
2	**Done** $\diagup$	save the setting

Entering Text in T9 Mode

T9 is a predictive text entry mode that lets you enter a word using 1 keypress per letter.

Entering Common Words

You can enter common words embedded in the **T9** software.

	Press	To
1	keypad key 1 time	enter the 1st letter of a word
2	keypad keys (1 per letter)	enter the rest of a word
		Tip: Alternative words and letter combinations are shown at the bottom of the display. The word choices update with each keypress.

	Press	**To**
3	⬮ up/down/ left/right	highlight the word you want
4	**Action** ⬮	enter the word at flashing cursor location
		Tip: T9 automatically inserts a space after each word.

For example, to spell the word "phone,"

press `7PQRS` `4GHI` `6MNO` `6MNO` `3DEF` . The display shows **phone**.

Entering Novel Words

You can coin words T9 does not recognize.

	Steps
1	Press **Back** ⌫ one or more times to delete letters until a letter combination matches the start of a word.
2	Press ⬮ up/down/left/right to highlight the desired letter or letter combination.
3	Press **Action** ⬮ to select the letter or letter combination.
4	Press ⬮ left to move cursor to the left and "lock" the selected word portion.
5	Continue to enter letters and highlight the letter combinations you want to spell a word.

Your phone stores the unrecognized word and includes it in the list of alternative word choices. When memory space for unrecognized words is filled, your phone deletes the oldest words as it adds new words.

Entering Numbers in Numeric Mode

When in **Numeric** mode, 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 the **Contacts**, the input mode will automatically default to **Numeric** mode. To enter an asterisk (*) or a hash sign (**#**), press the corresponding key on the keypad. You can also press ⌷₁ₐₒ to select and enter a symbol.

Entering Punctuation/Symbol

In **Multipress** and **T9** modes, there are two ways to enter punctuation/symbol.

Option 1:

Press	To
⌷₁ₐₒ repetitively	scroll through common punctuation/symbol (. ? ! , @ ' - : ; ( ) & " ~ 1 0 ¿)

Option 2:

	Press	To
1	⌷#₋ for a while	open the **Pick a symbol** list
2	◎	scroll to a desired punctuation/symbol

Press	To
3 OK ⟋	select and enter the punctuation/symbol

In **Numeric** mode, refer to the following steps to enter punctuation/symbol:

	Press	To
1	⌨ for a while	open the **Pick a symbol** list
2	◎	scroll to a desired punctuation/symbol
3	OK ⟋	select and enter the punctuation/symbol

Using Special Key Functions

In **Multipress** and **T9** modes:

Press	To
⌨	enter a space

In **Multipress**, **T9**, and **Numeric** modes:

Press	To
Action ◎	start a new line

Press	To
⌑✳ (for a while)	change to or from lowercase, initial capital letters, uppercase, or numbers

Viewing Phone Information

Use **About** settings to display information about your phone's operating system, including version numbers, copyright information and available storage.

Feature Focus   Start 〈 > **Settings** > **More** > **About**

Locking and Unlocking the Keypad

The keypad lock turns off the keypad function to prevent accidental keypresses.

Locking the Keypad

On the Home screen:

Steps

Press and hold **End** 〉 . The left soft key displays **Unlock**, indicating that the keypad is locked.

Unlocking the Keypad

On the Home screen:

	Press	To
1	**Unlock** ⎚	prepare to unlock the keypad
2	#⏎	unlock the keypad

Tip: You can still receive calls and make emergency calls when the keypad is locked.

Locking and Unlocking Your Phone

Locking the phone prevents access to personal data. When you turn on this feature, the phone automatically locks after a specified time of inactivity. A screen displays requiring your phone lock password before access is granted.

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

Locking the Phone

On the Home screen:

	Press	To
1	**Home** ⎚ for a while	open the **Quick List**
2	◎	scroll to **Device lock**

	Press	To
3	**Action** ◎	select **Device lock**
4	◎ left/right	select a time period the phone is inactive before it automatically locks under **Lock phone after**
5	keypad keys	enter the password you want to use to access the phone when it is locked under **Password**
6	keypad keys	enter the password again under **Confirm password**
7	**Done** ⟋⟋	save the settings
		Tip: Your phone will automatically locks after the setup. Refer to the following section to unlock your phone. If you unlock the phone, it will automatically lock after the preset inactive time period.

Tip: After you select the time delay and create a password, you can quickly lock your phone from the **Quick List**, without having to view these settings.

Unlocking the Phone

On the Home screen:

	Press	**To**
1	**Unlock** ⌐⟋	prepare to enter the password
2	keypad keys	enter the password
3	**Unlock** ⌐⟋	unlock the phone

Turning Phone Lock Off

Feature Focus   Start ⌐⟋ > **Settings** > **Security**

	Press	**To**
1	**Action** ⊚	select **Disable Phone Lock**
2	keypad keys	enter the password
3	**Done** ⌐⟋	turn phone lock off

Locking and Unlocking Your SIM Card

Locking the SIM card prevents you and others from using your phone until the correct password is entered. You can still make emergency calls when the SIM card is locked.

Locking the SIM Card

Feature Focus	Start $\boxed{}$ > Settings > Security > Enable SIM PIN

	Press	**To**
1	keypad keys	enter your PIN1 password
2	Done $\boxed{}$	lock your SIM card

Unlocking the SIM Card

Feature Focus	Start $\boxed{}$ > Settings > Security > Disable SIM PIN

	Press	**To**
1	keypad keys	enter your PIN1 password
2	Done $\boxed{}$	unlock your SIM card

Customizing Your Phone

You can view and change settings to customize your phone for the way you work. For example, you can change the sounds or use your own sounds for ring tones, notifications and reminders. You can also set up the **Call Forwarding** and **Call Waiting** features, as well as download your own images to customize the Home screen background.

Using Phone Settings

Use **Phone** settings to set options for **Caller ID**, **Call Forwarding**, and **Call Waiting**.

```
Settings                    📶
 1  Phone
 2  Sounds
 3  Profiles
 4  Home Screen
 5  Clock & Alarm
 6  Connections
 7  Security
 8  Remove Programs
 9  More...
        Done
```
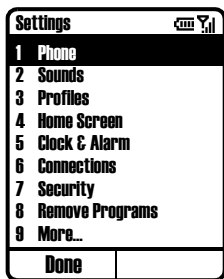
Feature Focus   Start ⏻ > **Settings** > **Phone**

The following table lists the **Phone** settings and their functions.

Option	Description
Call Barring	block incoming and/or outgoing calls
Call Forwarding	forward calls in certain conditions to another phone number or forward all calls to another phone number
Call Options	change phone numbers, such as your voicemail and SMS service center, answer incoming calls by pressing any key, and use advanced call options
Call Waiting	turn **Call Waiting** on or off
Caller ID	let your identification be known to all callers, only your contacts, or no callers
Channels	configure cell broadcast
Fixed Dialing	limit your calling area to one or more specific phone numbers

Using Sound Settings

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

Feature Focus   Start $\sqrt{}$ > **Settings** > **Sounds**

Using Your Own Sound

	Steps
1	Locate the sound file on your desktop computer and copy the file. The file format must be .mp3, .wav, or .mid (MIDI type 0).
2	Connect the phone to your desktop computer through the USB data cable or infrared.
3	Open the **ActiveSync®** application on your desktop computer, click **Explore**, double-click **My Smartphone**, double-click **Storage**, double-click **Application Data**, double-click **Sounds**, and then paste the sound file into the Sounds folder.
	Note: If a Sounds folder does not exist in this directory, create a new one.
4	On your phone's Home screen, press **Start** ⚏, select **Settings**, and then select **Sounds**.
5	In the **Ring tone** field, press ⊚ left/right to select the sound you copied to the Sounds folder.
6	Press **Done** ⚏ to save the setting.

Using Profiles

Use **Profiles** settings to configure how your phone notifies you about an incoming call, an approaching appointment, or an arriving message. You can use **Profiles** to change notifications quickly based on your situation. For example, you may want the phone to ring louder if a client is calling,

or you may not want the phone to ring at all, but want to hear calendar reminders. The default profile used with your phone is the **Normal** profile. The name of the current profile displays on the Home screen.

Profiles	📶
1 Normal	✓
2 Silent	
3 Meeting	
4 Outdoor	
5 Automatic	
6 Headset	
7 Car	
8 Speakerphone	
Done	Menu
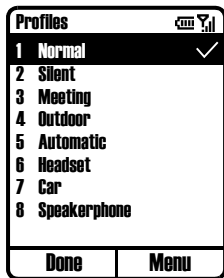
— Indicates your current profile.

Feature Focus   Start ⬚ > **Settings** > **Profiles**

Tip: You can either assign **Profiles** settings by selecting **Profile:**[**Type**] from the Home screen, or select a different profile using the **Quick List** by quickly pressing and releasing **Power** ◎ or holding down **Home** 🔍 from the Home screen.

Note: When a headset is plugged into the phone, the **Headset** profile is activated automatically.

Modifying a Profile

Feature Focus   Start ⬚ > **Settings** > **Profiles**
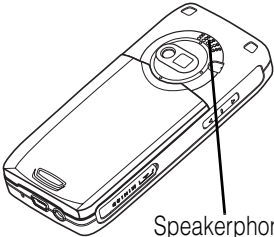
Press	To
1 ◎	scroll to a desired profile

	Press	**To**
2	**Menu** ⬎	open the options menu
3	**Action** ◎	select **Edit**
4	◎	scroll to a desired option to modify
5	**Done** ⬎	save the settings

Observe the following from your phone when in the following modes:

Profile	**Description**
Headset	This can only be activated when a headset is connected to your phone. The **Headset** profile is deactivated when you remove the headset from your phone. You cannot select or unselect **Headset** from the **Profile** item on the Home screen. It has been placed in the **Profiles** menu in order to allow you to confirm (through a check mark) that it has been automatically selected upon connecting to a headset.

Profile	Description
Car	This can only be activated when a car kit specifically designed for your phone is connected to your handset. The **Car** profile is deactivated when you remove the car kit from your handset. You cannot select or unselect **Car** from the **Profile** item on the Home screen. It has been placed in the **Profiles** menu in order to allow you to confirm (through a check
	mark) that it has been automatically selected upon connecting to a car kit.

Profile	Description
Speakerphone	While you are in a call, you can use the options menu to activate the speakerphone. The speakerphone is deactivated when you manually turn it off during a call or when you are ending a call. You cannot select or unselect **Speakerphone** from the **Profile** item on the Home screen. It has been placed in the **Profiles** menu in order to allow you to confirm (through a check mark) that it has been automatically selected upon turning on the speakerphone.

Speakerphone

Changing the Home Screen

Use **Home Screen** settings to change the Home screen layout, the color scheme, the background image, and the time delay in the idle display.

Feature Focus Start $\underline{\diagup}$ > **Settings** > **Home Screen**

Customizing the Home Screen with Your Own Image

Steps

1 Locate your image file on your desktop computer and copy the image file. The file format must be .gif, .jpg, or .bmp.

   Tip: For best results, use images with a 176 x 220 screen resolution to fit on your phone's Home screen.

2 Connect the phone to your desktop computer through the USB data cable or infrared.

3 Open the **ActiveSync** application on your desktop computer, click **Explore**, double-click **My Smartphone**, double-click **Storage**, double-click **Application Data**, double-click **Home**, and then paste the image file into the Home folder.

   Note: If a Home folder does not exist in this directory, create a new one.

4 On your phone's Home screen, press **Start** $\underline{\diagup}$, select **Settings**, and then select **Home Screen**.

Steps
5   Under **Background image**, press 🔘 left/right to select the image you copied to the Home folder.
6   Press **Done** ⌐ to save the setting.

Changing Regional Settings

Use **Regional Settings** to change the language, date, and time style of the phone, as well as number and currency formatting options.

Feature Focus   Start ⌐ > **Settings** > **More** > **Regional Settings**

Setting Time-Out, Alert Volume, and Search Contacts Text Mode

Use **Accessibility** to configure the **Multipress** as well as the confirmation time-outs, the in-call alert volume, and the default text input mode to search your contacts list.

Feature Focus   Start ⌐ > **Settings** > **More** > **Accessibility**

Adjusting Date and Time

Use **Date and Time** settings to change the local time zone and current date and time, and to set the alarm.

Feature Focus　　Start ⟋⟋ > **Settings** >
　　　　　　　　　　　Clock & Alarm > **Date and Time**

Entering Owner Information

Use **Owner Information** settings to enter and display personal information, such as your name, phone number, and email address. If you lose your phone and it is found, you may be contacted.

Feature Focus　　Start ⟋⟋ > **Settings** > **More** >
　　　　　　　　　　　Owner Information

Configuring Power Management

Use **Power Management** settings to adjust the backlight and display time-outs, and to check the battery power level.

Feature Focus　　Start ⟋⟋ > **Settings** > **More** >
　　　　　　　　　　　Power Management

Calling Features

Redialing a Number

To redial the last number called from the Home screen:

Press	To
Send ⟨ ◁ twice	place a call to the last dialed number

Calling a Contacts Entry

As you enter a contact name, the phone searches the **Contacts**, **Call History**, **Speed Dial** lists, and the SIM card to find a matching name and number.

Number matches contact.

Number matches entry in **Call History**.

Making a Call from the Home Screen

	Press	To
1	keypad keys	enter the contact name (For example, to call Scott, press $\boxed{7_{\text{PQRS}}}$ $\boxed{2_{\text{ABC}}}$ $\boxed{6_{\text{MNO}}}$ $\boxed{8_{\text{TUV}}}$ $\boxed{8_{\text{TUV}}}$.)
2	◎	select the name from your contacts list
3	**Send** 〔◀	make the call

Making a Call from the Contacts

You can select a person's name from your contacts list

and press **Send** 〔◀ to place the call. If a contact has more

than one phone number, such as **Work**, **Home**, and **Fax**, the

Work phone number is set as the default.

Feature Focus   **Start** ◁⁊ > **Contacts**

	Press	To
1	◎	scroll to the contact name to call
2	**Send** 〔◀	make the call

Tip: If you have a long list of contacts, enter the first few letters of a contact's name. Your phone searches the entire contacts list to display the name.

Changing the Default Number for a Contact

Feature Focus	Start ⃟⃟ > **Contacts**

	Press	**To**
1	◎	scroll to a desired contact
2	◎ left/right	change the default number (For example, if you change **w** to **m**, the default number changes from **Work** phone to **Mobile** phone.)

Making a Call to a Desired Phone Number

Feature Focus	Start ⃟⃟ > **Contacts**

	Press	**To**
1	◎	scroll to the contact to call
2	**Action** ◎	open the contact
3	◎	scroll to the number you want to call
4	**Send** (◀	place the call

Making a Call from the Call History List

The **Call History** list displays the last several calls you made, received, or missed. Choose a name or number to call from the list.

	Press	To
1	⊙	scroll to the number or entry to call
2	**Send** |⚫	place the call

Managing Call History

Call History displays the last several calls you have made, received, and missed. Each entry in **Call History** contains the start time of the call, the duration, the date, the caller's name (if saved in your contacts list), and the caller's number. The oldest calls are automatically deleted from the list to make room for new calls.

Tip: You can filter **Missed Calls**, **Incoming Calls**, and **Outgoing Calls** by pressing **Menu** ◥, selecting **Filter**, and selecting the filter you want.

Sending an Email from Call History

Calling Features

	Press	To
1	◎	scroll to a desired entry
2	**Menu** ⟍⟋	open the options menu
3	◎	scroll to **E-mail**
4	**Action** ◎	edit and send an email to the entry's recipient

Creating a New Contact from a Number in Call History

Feature Focus   Start $\widehat{}$ > **Call History**

	Press	**To**
1	◎	scroll to a desired number
2	**Menu** ⟍⟋	open the options menu
3	◎	scroll to **Save to Contacts**
4	**Action** ◎	select **Save to Contacts**
		Note: Make sure **‹New Item›** is highlighted.
5	**Action** ◎	enter the contact information

Calling a Number in a Message

When you see an underlined phone number as a hyperlink in a message, you can place a call to the phone number.

After opening a message:

	Press	**To**
1	◎	scroll to the phone number as a hyperlink
2	**Action** ◎	place the call

Calling an Emergency Number

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

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances*, even when your phone is locked or the SIM card is not inserted*.

Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Note: Be aware that when the **Flight mode** feature is turned on, the phone cannot receive and make a call, including an emergency call. To receive and make a call, you must turn the **Flight mode** feature off and re-engage the phone's RF capability. Always obey the instructions of your airline crew.

On the Home screen:

	Press	**To**
1	keypad keys	dial your local emergency number
2	**Send** $\{(\blacktriangleleft$	place the call

Calling with Speed Dial

You can quickly dial phone numbers by assigning speed dial numbers. Press and hold one or two keys from the Home screen to make a speed dial call. Choose speed dial entries from 2-99. The speed dial entry 1 is often reserved to set up or dial your voicemail after initial setup.

Note: The Speed Dial setting is available only for a phone number stored in the Contacts of the phone memory.

To create a speed dial shortcut:

Feature Focus   Start ⬜ > Contacts

	Press	**To**
1	◎	scroll to a desired contact
2	Action ◎	open the contact
3	◎	scroll to a desired phone number
4	Menu ⬚	open the options menu
5	Action ◎	select Add Speed Dial
6	◎ left/right	enter the speed dial number from 2-99 under Keypad assignment
7	Done ⬜	save the setting

Tip: You can also assign speed dial numbers to Web addresses and email addresses that are stored in the Contacts on your phone.

To make a speed dial call from the Home screen:

Steps
Press and hold the keypad number that you have assigned as a speed dial number. If the keypad assignment has two digits, press the first digit, then press and hold the second digit.

Using Voicemail

On the Home screen:

Steps
Press and hold $\boxed{1 \infty}$ to automatically call voicemail after initial setup.

Using Call Waiting

To answer the incoming call when you are talking on the phone:

Press	To
Accept $\diagup\diagdown$	place the first call on hold, and answer the second call
or	
Send $(\blacktriangleleft$	**Tip:** Press Send $(\blacktriangleleft$ to make it active the first call or the second call. If the second call

Press	To
	Tip: already hangs up, press **Menu** $\searrow$ > **Unhold** to continue the first call.

To end the first call before answering the incoming call:

	Press	To
1	**End** $\gg$	end the first call
2	**Accept** $\diagup$	answer the second call
	or	
	Send $\llangle$	

To reject the incoming call when you are talking on the phone:

Press	To
Reject $\searrow$	reject the second call and continue the first call

Putting a Call on Hold

While a call is in progress, you can hold the call and then reconnect it.

	Press	To
1	**Menu** $\searrow$	open the options menu

	Press	To
2	◎	scroll to **Hold**
3	**Action** ◎	place the active call on hold
		Tip: Select **Unhold** to activate the call on hold.

Muting a Call

You can mute the microphone for the active call. The other party will not hear anything you say, but you can still hear the other party.

	Press	To
1	**Menu** 〵	open the options menu
2	◎	scroll to **Mute**
		Tip: Select **Unmute** to turn the microphone back on for the active call.
3	**Action** ◎	mute the active call

Using the Handsfree Function

You can turn the speaker on during a call to use the handsfree mobile phone.

	Press	To
1	**Menu** 〵	open the options menu

Calling Features

	Press	**To**
2	◎	scroll to **Speakerphone**
		Tip: Select **Speakerphone Off** to turn the speaker off and the earpiece back on for the active call.
3	**Action** ◎	turn the speaker on and the earpiece off

Tip: During an incoming or outgoing call, you can toggle between the earpiece and speakerphone by holding down **Send** .

Making a Conference Call

You can join together all existing calls to make a conference call, if you have subscribed to this service.

On the Home screen:

	Press	**To**
1	keypad keys	enter a phone number for the first call
2	**Send**	call the number
3	keypad keys	enter a phone number for the second call

	Press	To
4	Send 〔◀	call the second number
		Note: The first call is automatically put on hold when the second call is active.
5	Menu ⟍⟍	open the options menu
6	◎	scroll to **Conference**
7	Action ◎	make a conference call

Making a Call from a Conference Active

You can break one call out of a conference and make this call active while the rest of the conference is on hold.

In a conference call:

	Press	To
1	Menu ⟍⟍	open the options menu
2	◎	scroll to **Private**
3	Action ◎	select **Private**
4	◎	scroll to a desired call
5	Action ◎	make the call active

Tip: Press End ⟍⟍ to end an active call when multiple parties are connected.

Forwarding Calls

You can forward all or selected calls to another number.

Feature Focus Start ⎘ > **Settings** > **Phone** > **Call Forwarding**

Barring Calls

You can block incoming and/or outgoing calls.

Feature Focus Start ⎘ > **Settings** > **Phone** > **Call Barring**

Monitoring Phone Use

Call Timers contains 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. You can use **Call Timers** to keep track of your calling patterns, to help you choose a calling plan or estimate your monthly billing.

```
┌─────────────────────────┐
│ Call Timers        ⊠ ▜ᵢₗ │
│ Last call:              │
│ 00:53                   │
│ All calls:              │
│ 7:32:16                 │
│ Incoming calls:         │
│ 05:48                   │
│ Outgoing calls:         │
│ 03:26                   │
│ Roaming calls:          │
│                         │
│    Done        Menu     │
└─────────────────────────┘
```
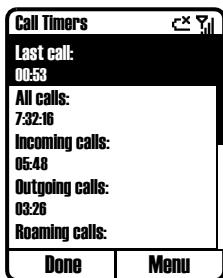
Feature Focus   Start 〈╱〉 > **Call History**
                     > **Menu** 〈╲〉 > **View Timers**

Making Data Calls

Use **Data Connections** settings to set up General Packet Radio Service (GPRS), dial-up, Virtual Private Network (VPN), proxy, and Wi-Fi connections so you can connect to the Internet or your corporate network. With a data connection, you can browse the Web, download email, chat using **MSN Messenger**, or synchronize wirelessly with the server.

Network connection time is the elapsed time from the moment you connect to your service provider's network to

the moment you end the data call by pressing **End** 〉▂▂〉 . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you

are billed by your service provider. For billing information, please contact your service provider directly.

Note: Your phone has already been configured to allow you to browse and chat. Contact your Information Technology (IT) manager for information on mobile Internet plans, configuring email or wireless synchronizing with the server.

There are seven main data connections:

Data Connection	Description
Internet connection	connect to your Internet service provider
Work connection	connect to your work place network
WAP connection	use WAP connection settings
Secure WAP connection	use secure WAP (WAPS) connection settings
WAP Proxy	use WAP proxy connection settings
MMS Network	use MMS network connection settings
Secure WAP Proxy	use secure WAP (WAPS) proxy connection settings

Creating GPRS Connection

A GPRS connection accesses the Internet, MMS network, (secure) WAP network, or corporate network by using an access point your service provider provides.

On the Home screen:

Feature Focus   Start $\diagup\!\!\!\!\!/$ > Settings>
Connections > GPRS>
Menu $\diagdown\!\!\!\!\!\searrow$ > Add

Fill in the blanks with the appropriate information:

Option	Description
Description	enter a name for the connection
Connects to	press ◎ left/right to select a network connection
Access point	enter in your access point
User name	enter in your user name
Password	enter in your password
Primary DNS	enter in your primary DNS
Secondary DNS	enter in your secondary DNS
IP address	enter in your IP address

Remember to press Done $\diagup\!\!\!\!\!/$ when you are ready.

Using Dial-Up Connection

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

Creating a Dial-Up Connection to the Internet

On the Home screen:

Feature Focus   Start $\diagup\!\!\!\!\diagup$ > Settings >
Connections > Dial-up >
Menu $\diagdown\!\!\!\!\diagdown$ > Add

Fill in the blanks with the appropriate information:

Option	Description
Description	enter a name for the connection
Connects to	press ◎ left/right to select **The Internet**
Phone number	enter in your phone number
User name	enter in your user name
Password	enter in your password
Domain	enter in your domain name

Remember to press **Done** $\diagup\!\!\!\!\diagup$ when you are ready.

Creating a Dial-Up Connection to Your Corporate Network

On the Home screen:

Feature Focus Start ⟋⟋ > Settings >
Connections > Dial-up >
Menu ⟍⟍ > Add

Fill in the blanks with the appropriate information:

Option	Description
Description	enter a name for the connection
Connects to	press ⊚ left/right to select **Work**
Phone number	enter in your phone number
User name	enter in your user name
Password	enter in your password
Domain	enter in your domain name

Remember to press **Done** ⟋⟋ when you are ready.

Creating VPN Connection

A VPN connection accesses your corporate network by using an existing Internet connection.

On the Home screen:

Fill in the blanks with the appropriate information:

Option	Description
Description	enter a name for the connection
VPN type	press ◎ left/right to select a VPN type
Server	enter in your server name
Connects from	press ◎ left/right to select **The Internet**
Connects to	press ◎ left/right to select **Work**
User name	enter in your user name
Password	enter in your password
Domain	enter in your domain name
IPSec authentication	press ◎ left/right to select a IPSec authentication type

Option	Description
IPSec Pre-shared key	If you select **Pre-Shared Key** in the **IPSec authentication** field, enter in this field the appropriate information

Remember to press **Done** 〰 when you are ready.

Creating Proxy Connection

A proxy connection accesses the Internet using an existing connection to your corporate network.

On the Home screen:

Feature Focus   Start 〰 > Settings >
Connections > Proxy >
Menu 〰 > Add

Fill in the blanks with the appropriate information:

Option	Description
Description	enter a name for the connection
Connects from	press 〇 left/right to select **Work**
Connects to	press 〇 left/right to select **The Internet**
Proxy (name:port)	enter in your proxy server name and port

Option	Description
Type	press ◎ left/right to select a proxy server type
	Tip: Select **Socks4** to use **MSN Messenger**.
User name	enter in your user name
Password	enter in your password

Remember to press **Done** ⏤ when you are ready.

Using Wi-Fi Connection

You need to set up a Wi-Fi connection to connect directly to the Internet or your private network. If the network connects to work via VPN, select Internet.

Creating a Wi-Fi Connection to the Internet

On the Home screen:

Feature Focus   Start ⏤ > Settings > Connections > Wi-Fi > New

Fill in the blanks with the appropriate information:

Option	Description
Network name	enter a name for the network
Network type	press ◎ left/right to select **Internet**

Creating a Wi-Fi Connection to Your Private Network

On the Home screen:

Feature Focus   Start ◿◿ > Settings >
Connections > Wi-Fi > New

Fill in the blanks with the appropriate information:

Option	Description
Network name	enter a name for the network
Network type	press ◎ left/right to select Private/ Work Network

Creating a Wi-Fi Connection to Another Device or Computer

If you only want to connect directly to anoter device or computer, and not to a network through an access point, select "This is a deviece to device (ad-hoc) connection."

On the Home screen:

Feature Focus   Start ◿◿ > Settings >
Connections > Wi-Fi > New

Press ◎ to select "This is a deviece to device (ad-hoc) connection.

Messages and Online Chat

Configuring an Email Account

Before sending and receiving email messages, you may have to complete the email account setup. Your service provider may have configured email settings for your phone before you received it. You can send email messages by synchronizing or connecting directly to an email server through an Internet Service Provider (ISP) or a corporate network. You can only have one configurable **Outlook E-Mail** at one time and therefore only synchronize one type of email, either POP3 or desktop. If you choose to synchronize your desktop email, it will wipe out your POP3 settings.

Feature Focus

Start $\diagup$ > **Messaging** >
Outlook E-Mail > **Menu** $\diagdown$ >
Options > **New Account**

Fill in the blanks below with the appropriate information.

Tip: Press **Next** $\diagdown$ to continue and **Finish** $\diagdown$ to complete the email setup.

Option	Description
Your name	enter in your name
E-mail address	enter in your email address

Option	Description
Automatic setup	If you check this feature, your phone will obtain email settings from the Internet. If you uncheck this feature, continue the following settings.
User name	enter in your user name
Password	enter in your password
Domain (if necessary)	enter in your domain name, if necessary
Save password	Check this feature and you need not to enter in your password repeatedly before you send/receive emails.
Server type	select either **POP3** or **IMAP4**
Account name	enter in your account name
Network	select **The Internet**
Incoming Server	enter in your incoming mail server
Require SSL connection	check this feature, if necessary
Outgoing Server	enter in your outgoing mail server
Outgoing server requires authentication	check this feature, if necessary

Option	Description
Download the following messages	press ◎ left/right to select messages you want to receive
Connect automatically and check for messages	press ◎ left/right to select an option

Receiving Email from the Internet

You can receive email messages through **Inbox** synchronization or by connecting to your email server. You can then view all of your email messages in **Messaging** > **Outlook E-Mail**. When you connect to the email server or synchronize **Inbox** with your desktop computer, only the first 5 KB of each new message are downloaded by default to your phone. If you are using an IMAP4 or POP3 server, only the first 1 KB of each new message is downloaded by default. Small attachments are downloaded and the original messages remain on the email server or your desktop computer.

Tip: For more information about **Inbox** synchronization, see "Synchronizing Information among Devices" on page 90.

Feature Focus   Start ⌐ > **Messaging** > **Outlook E-Mail** > **Menu** ⟋ > **Send/Receive**

Receiving Complete Email Messages

You can specify to receive email messages in full, instead of receiving only the first 5 KB set by default. The complete message will be retrieved the next time you synchronize **Inbox** or connect to your email server. Additionally, when you delete an email message from your phone, it will also be deleted from the email server the next time you connect.

	Feature Focus	**Start** $\boxed{\diagup\diagup}$ > **Messaging** > **Outlook E-Mail**

	Press	**To**
1	⊙	scroll to a desired email message
2	**Menu** ⟍	open the options menu
3	⊙	scroll to **Mark for Download**
4	**Action** ⊙	receive the email message in full the next time you synchronize **Inbox** or connect to the email server

Receiving Email Attachments

You can download email attachments to your phone. Attachments display as a list of hyperlinks at the bottom of the email message, and are preceded by an attachment icon. The text of the hyperlink contains the file name followed by the size of the attachment, so that you can determine whether to download the attachment. On POP3

messages, the attachment size is omitted. The attachment icon has three states: **Not downloaded** 🗋 , **Downloaded** 🗊 , and **Marked for Download** 🗐 .

Feature Focus	Start 〢 > **Messaging** > **Outlook E-Mail**

	Press	**To**
1	◎	scroll to a desired message that contains an attachment(s)
2	**Action** ◎	select the message
3	◎	scroll to a desired attachment as a hyperlink
4	**Action** ◎	download the attachment
5	**Action** ◎	view the downloaded attachment
		Note: You can view attachments only for file types that are supported by your phone, such as .txt, .JPEG, .asf, .asx, .wax, .wm, .wma, .wmv, .wmx, .wvx, .mp3. A third party application must be installed to your phone to view attachments in other formats.

Composing and Sending an Email or SMS Message

There are several ways to edit and send email or SMS messages with your phone. The most common way is from **Messaging** or the **Contacts**.

To edit and send an email or SMS message from **Messaging**:

Feature Focus	Start $\diagup\!\!\!\!\diagup$ > Messaging > Text Messages/Outlook E-Mail > New $\diagup\!\!\!\!\diagup$

	Press	**To**
1	keypad keys	enter in your recipient's (SMS) phone number or email address in the To field
	or	**or**
	Menu $\diagdown\!\!\!\diagup$ > Insert Contact	select a recipient from your contacts list
		Tip: To add multiple recipients either in the **To** field or in the **Cc** field (**Outlook E-Mail** only), separate each with a semicolon (;) by repeatedly pressing $\boxed{1_{\infty}}$ in **Multipress** mode, which allows you to enter in symbols such as @ or . in an email message.

	Press	To
		Tip: Enter in your subject in the **Subj** field for an email message.
2	◎ down	highlight the body text field
3	keypad keys	enter in your message
4	**Send** 〜	send your message

To edit and send an email or SMS message from the **Contacts**:

Feature Focus		Start $\boxed{\diagup}$ > **Contacts**
	Press	**To**
1	◎	scroll to a desired contact
2	**Action** ◎	select the contact
3	◎	scroll to a desired email address or (SMS) phone number
4	**Action** ◎	select the email address or (SMS) phone number
		Tip: If an email address is selected, continue the following steps. If a (SMS) phone number is selected, refer to steps 9-10.
5	◎	scroll to **Text Messages** or **Outlook E-Mail** for your email message
6	**Action** ◎	select **Text Messages** or **Outlook E-Mail**
7	keypad keys	enter in your subject in the **Subj** field
		Tip: To insert predefined text, press **Menu** $\diagdown$ > **Insert Text**.
8	◎ down	highlight the body text field

	Press	To
9	keypad keys	enter in your message
		Tip: To insert predefined text, press **Menu** 〉 > **Insert Text**.
10	**Send** 🖉	send your message
		Tip: You can request a delivery receipt for your message before it is sent. To activate from the body text field: Press **Menu** 〉 > **Message Options** > check **Request message delivery notification** > press **Done** 🖉.

Inserting an Audio Clip

Insert a voice recording into an email message when you want to verbally explain information that is contained in the email. You can create only one voice recording at a time. A new voice recording replaces the prior recording.

In the body text field:

	Press	To
1	**Menu** 〉	open the options menu
2	◎	scroll to **Insert Recording**
3	**Record** 🖉	start recording
		Tip: Press **Stop** 🖉 to stop recording.

	Press	To
4	**Done** ⟋⟋	insert the voice recording to the newly created **Attach** field

Editing Predefined Text

You can also edit preset text to create new words or phrases that you frequently use in messages.

Feature Focus　**Start** ⟋⟋ > **Messaging** >
Multimedia Messages/Text Messages/
Outlook E-Mail > **Menu** ⟍⟋ >
Options > **Edit My Text**

	Press	To
1	◎	scroll to a desired preset text to modify
2	keypad keys	edit the text
3	**Done** ⟋⟋	save the text

Viewing Email/SMS Messages

Email and SMS messages that are sent to you are stored in **Messaging**. SMS messages are not synchronized and you cannot use them to send or receive attachments. By default, the most recently received messages display at the top of the **Inbox** list. Use the menu options to quickly compose, delete, forward, and reply to messages. You

Messages and Online Chat

can also customize the **Messaging** settings to control the way you send, receive, and view messages.
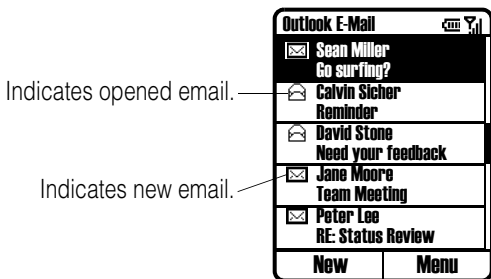
```
┌─────────────────────────────┐
│ Outlook E-Mail         ▣ ▾▴ │
├─────────────────────────────┤
│ ▨ Sean Miller               │
│   Go surfing?               │
│ ◿ Calvin Sicher             │
│   Reminder                  │
│ ◿ David Stone               │
│   Need your feedback        │
│ ▨ Jane Moore                │
│   Team Meeting              │
│ ▨ Peter Lee                 │
│   RE: Status Review         │
├──────────────┬──────────────┤
│     New      │    Menu      │
└──────────────┴──────────────┘
```

Indicates opened email. ── (points to Calvin Sicher / David Stone)

Indicates new email. ── (points to Jane Moore / Peter Lee)

Feature Focus   Start ◿ > **Messaging** > **Text Messages/Outlook E-Mail**

	Press	To
1	◎	scroll to a desired message
2	**Action** ◎	view the message

Tip: If you want to create a contact card for the sender of the selected message, press **Menu** ◿ > **Save to Contacts**.

The following table lists the **Messaging** menu options and their functions:

Option	Description
Delete	delete the selected message
Reply	reply to an open or selected message

Option	Description
Reply All	reply to the sender and all recipients included in an open or selected message
Forward	forward the selected message
Save to Contacts	create a contact card for the sender of the selected message
Folders	display all **Messaging** folders
Switch Accounts	change among **Multimedia Messages**, **Text Messages**, and **Outlook E-Mail** accounts
Move	move the selected message to a desired folder
Mark as Read	change the selected unread message to a read message
Mark as Unread	change the selected read message to an unread message
Mark for Download	retrieve the entire email messages from the email server the next time you connect or synchronize **Inbox**
Options	display a list of **Messaging** options that you can customize: • **Display**: change the message information displayed on the screen and sort messages. • **Sending**: specify whether you want to include an original copy of the message in your reply, save a copy of your sent

Option	Description
	• messages, use Unicode for SMS messages, and ask for a notification when SMS messages are successfully sent.
	• **Edit My Text**: edit the predefined text that you can insert in messages.
	• **Signatures**: edit your own signature that you can insert in messages.
	• **Account Setup**: configure your phone to send and receive email and MMS messages. Your service provider or network administrator can provide you with the necessary information to connect to the email server or MMS network.
	• **Import SIM Messages**: import SMS messages from your SIM card to **Messaging** > **Text Messages**. The messages are not removed from the SIM card after they are imported.
Send/Receive	connect to your email server or synchronize **Inbox** to send and receive email messages

Importing SMS Messages from Your SIM Card to the Phone

You cannot export SMS messages from your phone to your SIM card. SMS messages are not removed from the SIM card after they are imported to **Messaging** of your phone.

Feature Focus   Start ⌐⌐ > **Messaging** > **Text Messages** > **Menu** ⟍⟍ > **Options** > **Import SIM Messages**

Receiving Meeting Requests

When you accept a meeting request that arrives in **Messaging**, the meeting immediately appears in **Calendar**, and a message will be sent back to the meeting organizer the next time you synchronize **Calendar**.

Tip: For more information about **Calendar** synchronization, see "Synchronizing Information among Devices" on page 90.

Feature Focus   Start ⌐⌐ > **Messaging** > **Text Messages/Outlook E-Mail**

	Press	**To**
1	◎	scroll to a desired meeting request
2	**Action** ◎	select the meeting request
3	**Accept** ⌐⌐	accept the meeting request

Viewing Message Folders

Your phone stores messages in different folders. If your email account supports folders, you can view multiple folders that reflect the folder structure you have created on the email server. Email messages you download from the server will automatically be placed in the appropriate folders on your phone.

Feature Focus Start $\diagup\!\!\!\!\diagup$ > **Messaging** > **Text Messages/Outlook E-Mail** > Menu $\diagdown\!\!\!\!\diagdown$ > **Folders**

Folder	Description
Deleted Items	Deleted messages are stored until you empty this folder.
Drafts	Messages that you are composing are stored.
Inbox	All received messages arrive by default.
Outbox	Sent email messages are stored until you synchronize or connect to your email server. SMS messages are sent immediately over the GSM/GPRS network and will appear in the **Outbox** folder for only a few seconds.
Sent Items	Copies of email messages that you send are stored.

Using Message Notifications

Your phone makes a sound to alert you new messages arrive. The number of unopened messages displays on the Home screen, depending on the Home screen settings. You are notified in different ways for the types of messages you receive. A closed envelope icon ▨ is shown on the top of the display for new email or SMS messages. You can read new email or SMS messages in **Messaging** > **Outlook E-Mail** or **Text Messages**. Additionally, an icon ▨ is shown on the top of the display for voicemail messages. To listen to new voicemail messages, press **Voicemail** ⬃ or press and hold [1∞] from the Home screen to dial your voicemail service number.

To modify sound alerts for message notifications, press **Start** ⬦ > **Settings** > **Sounds** from the Home screen.

Communicating with MSN® Messenger

You can use **MSN Messenger** on your phone to send instant messages. **MSN Messenger** provides the same chat environment as MSN Messenger on your desktop computer. With the **MSN Messenger** feature you can:

- Send and receive Instant Messages (IMs).
- View the status of others in your messenger contacts list or change your own status.
- Invite others to a chat conversation.

- Block certain contacts from seeing your status or sending you IMs.

To use **MSN Messenger**, you need a Microsoft.net™ Passport account unless you already have a hotmail account. To set up a Microsoft.net Passport account, go to: http://www.passport.net. Once you have this account, you will need:

Signing In and Out of MSN Messenger

Feature Focus   Start ⟋⟋ > **MSN Messenger**

	Press	To
1	Sign In ⟋⟋	prepare to sign in **MSN Messenger**
2	keypad keys	enter in your sign-in name (for example, name_123@hotmail.com or example@passport.com) and password
3	Sign In ⟋⟋	sign in **MSN Messenger**
4	Menu ⟍⟍	open the options menu
5	◎	scroll to **Sign out**
6	Action ◎	sign out of **MSN Messenger**

If you do not sign out of **MSN Messenger**, you remain on a data connection, which may result in additional charges from your service provider. The session will not time out or end unless one of the following occurs:

- User ends instant messenger session.
- User "Accepts" an incoming voice call.
- An outgoing voice call is placed.
- The device is turned off or moves out of range.

Sending Instant Messages

After signing into **MSN Messenger**:

	Press	To
1	◎	scroll to the person to whom you want to send instant messages
2	Send ⊟	select the person
3	keypad keys	enter in your message
4	Send ⊟	send your message

The menu options when you edit instant messages are described in the following table:

Option	Description
My Text	add common text messages
Invite	invite a contact to an ongoing chat
Chats	see who is already chatting or change between chats

In the messenger contacts list, there are several menu options for you to choose from:

Option	Description
Add Contact	create a contact
Delete Contact	delete the selected contact
Block/Unblock	block/unblock the selected contact from seeing your status and sending you instant messages

Changing Your Status

You have to sign in **MSN Messenger** before changing your current status.
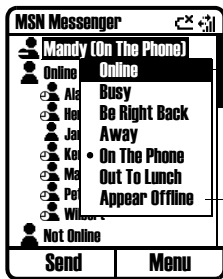
Highlight your status and press **Action** ◎ .

In the messenger contacts list after you sign in **MSN Messenger**:

Press	To
1 ◎	scroll to your name

	Press	**To**
2	**Action** ⊚	select your name
3	⊚	scroll to a desired status description
4	**Action** ⊚	select the status description

Changing Your Display Name

You must sign into **MSN Messenger** to change your display name.

After signing into **MSN Messenger**:

	Press	**To**
1	**Options** ⬎	open the options menu
2	**Action** ⊚	select **Passport Account**
3	keypad keys	enter in the name you want others to see when you send instant messages

Advanced Features

Opening Applications with Speed Dial

You can quickly launch applications by assigning speed dial numbers. Press and hold one or two keys from the Home screen to make a speed dial launcher. Choose speed dial entries from 2-99. The speed dial entry 1 is often reserved to set up or dial your voicemail after initial setup.

To assign an application a speed dial number:

Feature Focus   Start

	Press	To
1	ⓞ	scroll to a desired application
2	**Menu**	open the options menu
3	**Action** ⓞ	select **Add Speed Dial**
4	ⓞ left/right	select a speed dial entry under **Keypad assignment**
5	**Done**	save the setting

To quickly open an application from the Home screen:

Steps
Press and hold the keypad number that you have assigned as a speed dial launcher. If the keypad assignment has two digits, press the first digit, then press and hold the second digit.

Synchronizing Information among Devices

Optional Accessory

You can use the Microsoft® **ActiveSync** feature to synchronize information on your desktop computer or a Microsoft Exchange Server with the information on your phone. The **ActiveSync** feature compares your phone's information with the information on the desktop computer or the server, and then updates all locations with the most recent information. Connecting to a company server to synchronize information with your phone requires assistance from an Information Technology (IT) professional.

With the **ActiveSync** feature, you can:

- Keep your Outlook information up-to-date by synchronizing your phone with your desktop computer.

- Synchronize the **Inbox**, **Calendar**, and **Contacts** with a server so that you have the latest information, even when your desktop computer is turned off.

- Copy (rather than synchronize) files between your phone and your desktop computer.

- Control when synchronization automatically occurs by selecting a synchronization schedule.

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

Tip: Using the **ActiveSync** feature, you can synchronize information directly with a Microsoft Exchange Server if your computer is running **Microsoft Mobile Information Server 2003** or later. For more information about the **ActiveSync** feature, see the **ActiveSync** feature **Help** on your desktop computer.

Installing the ActiveSync Feature on Your PC

The **ActiveSync** feature is already installed on your phone. To install the **ActiveSync** feature (3.7.1 or later) on your personal computer, use the companion CD included in your box or download from the Microsoft website (http://www.microsoft.com) by entering the word ActiveSync in the search dialogue box.

Creating a Partnership

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

process automatically begins when you finish using the wizard.

Note: If you have a firewall on your desktop, the wizard may cause difficulties establishing the partnership with your phone. To prevent synchronization problems, select **Synchronize with Microsoft Mobile Information Server or this desktop computer** in the **New Partnership Wizard** only if your computer is running **Microsoft Mobile Information Server 2003** or later and you know the server name.

Connection Status

Server Synchronization

Desktop Synchronization

ActiveSync	⟲ 🖁
Connected	
Synchronize with Mobile Information Server Last: 3/15/05 9:18 AM	
Synchronize with Windows PC Last: 3/15/05 9:16 AM	
Sync	Menu

Select to synchronize through IR or change synchronization settings.
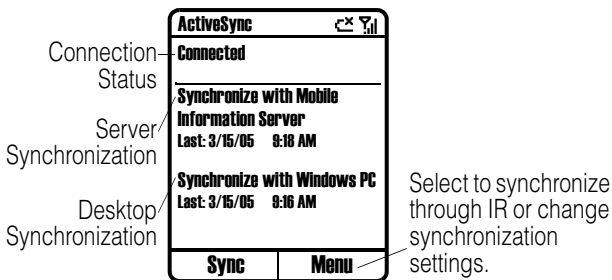
Starting and Stopping Synchronization with Your PC

Connect your phone and desktop computer using the infrared port on your phone or using the USB data cable before you begin to synchronize information.

Feature Focus	Start ⟋⟋ > **ActiveSync**

	Press	To
1	**Sync** ⟋⟋	start synchronization

Press	To
2 **Stop** $\cancel{/\!\!/}$	stop synchronization

Regarding the infrared port, you can use an infrared connection to quickly create a direct connection between your phone and another desktop computer or mobile device. This method is ideal for changing between multiple devices, because there are no cables or adapters to change. For more information about synchronizing using an infrared connection, see the **ActiveSync** feature **Help** on your desktop computer.

Tip: To use this function, please ensure that the external device support the infrared connection. Align your phone to your personal computer or mobile device when using an infrared connection to synchronize information.

Whenever the **ActiveSync** feature cannot successfully synchronize your information, an error displays on your phone. Press **Action** ◎ to display more information about the error that occurred.

Note: Some types of errors can interfere with automatic synchronization. If you suspect that a scheduled automatic synchronization has not occurred, you should attempt to manually synchronize your information. Successfully completing manual synchronization resets automatic synchronization.

Setting Up the Server ActiveSync Feature

Before you can synchronize information with a server, you may need to request server configuration information,

such as your user name, password, and the name of the Microsoft Mobile Information Server, either from your service provider or network administrator. This configuration information may have already been set up on your phone.

	Feature Focus	Start $\diagup\!\!\!\!\diagup$ > ActiveSync
	Press	**To**
1	Menu $\diagdown\!\!\!\diagup$	open the options menu
2	Action $\circledcirc$	select **Options**
3	$\circledcirc$	scroll to **Server Settings**
4	Action $\circledcirc$	select **Server Settings**
5	$\circledcirc$	scroll to **Connection**
6	Action $\circledcirc$	select **Connection**

Fill in the blanks with the appropriate information:

Option	Description
User name	enter in your Microsoft Exchange user name
Password	enter in your Microsoft Exchange password
Domain	enter in your Microsoft Exchange Server domain name (if required)

Option	Description
Save password	press ⊙ left/right to check this feature so that you need not enter it repeatedly
Server Name	enter in your Microsoft Mobile Information Server name

Remember to press **Done** ⊤ when you are ready.

Stopping Synchronizing an Information Type with a Server

You can stop your phone synchronizing an information type with a server. For more information about synchronization, see the **ActiveSync** feature **Help** on the desktop computer.

Feature Focus   **Start** ⊤ > **ActiveSync**

	Press	To
1	**Menu** ⤶	open the options menu
2	**Action** ⊙	select **Options**
3	⊙	scroll to **Server Settings**
4	**Action** ⊙	select **Server Settings**

	Press	To
5	(◎)	scroll to the information type that you no longer want to synchronize with a server, such as the **Calendar**, **Contacts**, or **Inbox**
6	**Action** (◎)	select the information type
7	(◎) left/right	clear the check box next to the information type that you no longer want to synchronize with a server
8	**Done** (↗)	save the settings

Creating a Server Synchronization Schedule

You can create a server synchronization schedule so that your information is automatically synchronized with the server at specified time intervals.

To create a schedule so that your phone will sync with a server when it is connected to a desktop computer:

Feature Focus	**Start** (↗) > **ActiveSync**

	Press	To
1	**Menu** (↘)	open the options menu
2	**Action** (◎)	select **Options**
3	(◎)	scroll to **Server Settings**
4	**Action** (◎)	select **Server Settings**

Advanced Features

	Press	To
5	◎	scroll to **Connection**
6	**Action** ◎	select **Connection**
7	**Menu** ⬍	open the options menu
8	**Action** ◎	select **Rules**
9	◎ left/right	select a time interval to sync with your server
10	**Done** ⬍	save the setting

To create a schedule so that your phone will sync with a server when it is not connected to a desktop computer (wireless synchronizing):

Feature Focus Start ⬍ > **ActiveSync**

	Press	To
1	**Menu** ⬍	open the options menu
2	**Action** ◎	select **Options**
3	**Action** ◎	select **Mobile Schedule**
4	◎ left/right	select a length of time
5	**Done** ⬍	save the setting

Synchronizing Remotely with Your PC

You can turn a desktop computer on and synchronize your phone remotely with the computer after setting up the server **ActiveSync** feature.

	Press	To
1	**Menu** 〽	open the options menu
2	**Action** ◎	select **Options**
3	◎	scroll to **PC Settings**
4	**Action** ◎	select **PC Settings**

Fill in the blanks with the appropriate information:

Option	Description
Use	press ◎ left/right to select an appropriate computer name
Use mobile schedule to sync with this PC	press ◎ left/right to check this feature if you want to use a synchronization schedule to sync with your PC
Sync with this PC during manual sync	press ◎ left/right to check this feaute if you want to sync with your PC manually

Remember to press **Done** $\sqrt{7}$ when you are ready.

Exchanging Files Between Your Phone and Desktop PC

With the **ActiveSync** feature, you can exchange files between your phone and desktop PC.

Steps
1 Connect your phone to your desktop computer.
2 On your computer, open the **ActiveSync** feature and click **Explore** to open the **Mobile Device** window for your phone.
3 In the **Mobile Device** window, click **My Smartphone**. Browse to the file that you want to copy to your desktop computer.   **or** Browse to the file that you want to copy to your phone.
4 To copy the file to your desktop computer, right-click the file and select **Copy**. Place the cursor in the desired folder for your desktop computer, right-click, and select **Paste**.   **or** To copy the file to your phone, right-click the file and select **Copy**. Place the cursor in the desired folder for your phone, right-click, and select **Paste**.

Beaming Information

You can use your phone's infrared port to send and receive (beam) calendar appointments and contact cards between your devices, and to synchronize information with a mobile device or desktop computer that has an infrared port.

Beaming a Contact Card

Feature Focus   Start $\angle\!\!\!\!/\!\!\!/$ > Contacts

	Press	To
1	◎	scroll to a desired contact (saved in the phone memory) to beam
2	Menu ⟍⎯	open the options menu
3	◎	scroll to **Beam Contact**
4	Action ◎	select **Beam Contact**
5	◎	scroll to a desired IR device your phone searches in its range
6	Action ◎	select the device
7	Beam $\angle\!\!\!\!/\!\!\!/$	beam the contact
		Note: To beam a contact over IR, align the infrared ports so that they are unobstructed and within close range of each other.

Status information then displays the name of the device your phone is beaming to, and whether the beaming process is pending, done, or failed.

Beaming an Appointment

	Press	**To**
	Feature Focus	**Start** ◢ **> Calendar**
1	◎	scroll to a desired appointment to beam
2	**Action** ◎	open the appointment
3	**Menu** ◥	open the options menu
4	◎	scroll to **Beam Appointment**
5	**Action** ◎	select **Beam Appointment**
6	◎	scroll to a desired IR device your phone searches in its range
7	**Action** ◎	select the device
8	**Beam** ◢	beam the appointment
		Note: To beam an appointment over IR, align the infrared ports so that they are unobstructed and within close range of each other.

Status information then displays the name of the device your phone is beaming to, and whether the beaming process is pending, done, or failed.

Receiving Beamed Information

Feature Focus		Start $\underline{\diagup\diagup}$ > **Settings** > **Beam**

	Press	**To**
1	$\bigcirc$ left/right	check **Receive incoming beams**
2	**Done** $\underline{\diagup\diagup}$	receive beamed information
		Note: To receive beamed information over IR, align the infrared ports so that they are unobstructed and within close range of each other.

Your phone can receive beamed files of any type, but some files must need to be copied to your desktop computer for viewing.

Using a Bluetooth™ Connection

Optional Accessory

Note: To use this function, please ensure that the external device support the Bluetooth connection.

You can use a Bluetooth connection to quickly create a direct connection between your phone and another Bluetooth-enabled device. This method is ideal for changing among multiple devices, because there are no cables or adapters to change.

Creating a Partnership from Your Phone with a Bluetooth Device

	Feature Focus	Start $\diagup\!\!\!\!\!\diagdown$ > **Settings** > **Connections** > **Bluetooth** > **Menu** $\diagdown\!\!\!\!\!\diagdown$ > **Devices** > **Menu** $\diagdown\!\!\!\!\!\diagdown$ > **New**

	Press	**To**
1	⊚	scroll to the Bluetooth-enabled device you want to pair with
2	**Select** $\diagup\!\!\!\!\!\diagdown$	select the device
3	keypad keys	enter a PIN on your phone to create the partnership
4	keyboard keys	enter the same PIN on the device
5	**Done** $\diagup\!\!\!\!\!\diagdown$	save the setting

When your phone is creating a bond with a Bluetooth device that has headset or handsfree capabilities, you are notified through the dialog boxes to set up that device as your Bluetooth headset or handsfree by pressing

Yes $\diagup\!\!\!\!\!\diagdown$. When you are on a call using your Bluetooth headset, you can transfer audio to your phone's earpiece by using the menu options. If you want to transfer audio again to the Bluetooth headset, push the headset hardware button.

Tip: You can stop a search if a Bluetooth device has been found by pressing **Add** 🔽 .

Accepting a Partnership from a Bluetooth Device with Your Phone

On a Bluetooth device, you can configure a partnership with your phone.

Steps

1 Under **Bluetooth**, press ◎ left/right to select **Discoverable** and press **Done** 🔽 . The Bluetooth radio turns on and makes your phone discoverable for 3 minutes.

2 On a Bluetooth device, select your phone and attempt to pair with it.

3 Enter the same PIN both on the Bluetooth device and on your phone to create the partnership.

The partnership is created. Your phone can now be used as a (data) modem. The phone automatically becomes a data modem over the Bluetooth connection if a paired device attempts to connect to it.

Managing Wireless Connections

Using Wireless Manager, you can easily turn on/ off the functions of Wi-Fi connection, Bluetooth connection, and Phone features.

Note: Be aware that when the Phone feature is turned off, your phone cannot receive and make a call, including an emergency call. To receive and make a call, turn on the Phone feature and re-engage your phone's RF capability.

Feature Focus   Start ⬭ > Settings > Connections > Wireless Manager

Option	Description
All	press ⊚ to turn on/ off the functions of Wi-Fi, Bluetooth, and Phone
Wi-Fi	press ⊚ to turn on/ off the functions of Wi-Fi connection
Bluetooth	press ⊚ to turn on/ off the functions of Bluetooth connection
Phone	press ⊚ to turn on/ off the functions of Phone features

Using Your Phone as a Modem

Using **Modem Link**, you can use your phone as an external (data) modem for another mobile device or personal computer by using an infrared or USB connection.

When you connect your phone to your personal computer using a USB data cable, the screens shown and the step-by-step instructions are specific to Windows 2000 users. The screens may vary slightly by the Windows version. If you have a different version of Windows and have any further questions, please contact the computer's respective **Help** menu.

Installing the Phone As a Modem on Your PC

Install the USB driver (**USBMDM.inf**) on your C:\ drive from the companion CD first. Then follow the steps below to install the phone modem USB driver.

Optional Accessory

Note: If your computer has automatically added your phone as a new modem, you can skip the following steps.

Steps
1 Connect your phone to your computer with the USB data cable. Your computer may prompt you for the wireless USB modem driver with a **New Hardware Wizard** menu screen. If it does not, proceed to **To Set Up a USB Modem Connection**.

	Steps
2	Click **Next** from the opening screen of the **Install Wizard** that states **Welcome to the New Found Hardware Wizard**.
3	Click on **Search for a suitable driver for my device (recommended)**.
4	Click **Specify a Location** and browse to the C:\ drive folder in which you downloaded the USB driver.
5	Click **Next** to allow your computer to automatically search and download the USB driver file and click **Finish**.
6	After installing the driver, disconnect your phone from the computer, and proceed to **To Set Up a USB Modem Connection**. Your computer lists the **Smartphone 2003 Wireless USB Modem** in the **Device Manager** window. This indicates the phone modem has successfully been installed on your personal computer.

56K modems are capable of receiving 56 Kbps from a compatible service provider. Actual speeds will vary depending on line conditions.

Activating the Modem Link

You can specify a type of connection (through USB or infrared) for your phone as a data modem to link with your personal computer.

A modem query is necessary to establish a PC and modem connection. If the PC and modem connections are

not established in approximately 30 seconds, the **ActiveSync** feature on the phone will take over the USB port.

Steps
1 On your computer, click on **Start** > **Settings** > **Control Panel** > **System** > **Hardware** > **Device Manager** > **Modems** > **Smartphone 2003 Wireless USB Modem**.
2 In the **Smartphone 2003 Wireless USB Modem Properties** window, select the **Diagnostics** tab and click **Query Modem**. The PC sends hyper terminal AT commands and if the modem replies back without an error, the modem is properly installed.

In addition, an extra initialization string is needed on your phone as a modem for setting up the GPRS server configuration. Contact your wireless service provider for the APN name, user name, and password.

Steps
1 After querying the modem, click the **Advanced** tab in the **Modem Properties** dialogue window.
2 Type in your extra initialization string and change the APN name as needed.
3 For GPRS network's extra initialization string, use the following: **+CGDCONT=1, "IP", "apnname", "", 0,0**

Setting Up a USB Modem Connection

	Steps
1	Make sure that your phone is not connected to your personal computer.
2	On the Home screen, press **Start** 〈⁊〉 > **More** > **Accessories** > **Modem Link**.
3	Under **Connection**, press 〈◎〉 left/right to select **USB**.
4	Press **Menu** 〈⟍〉 and select **Activate**.
5	Now connect your phone to your computer with the USB data cable.

Setting Up an Infrared Modem Connection

	Steps
1	On the Home screen, press **Start** 〈⁊〉 > **More** > **Accessories** > **Modem Link**.
2	Under **Connection**, press 〈◎〉 left/right to select **IrCOMM**.
3	Press **Menu** 〈⟍〉 and select **Activate**.
4	Now connect your phone to your computer using the infrared ports.

Adding a New Dial-Up Connection

Tip: Ensure **Smartphone 2003 Wireless USB Modem** is selected and the hardware features are properly configured before dialing.

	Steps
1	From the **Control Panel** of your personal computer, select **Network and Dial-up Connection**.
2	Double click **Make New Connection** and click **Next**.
3	Select **Dial-up to Internet** and click **Next**.
4	From the **Internet Connection Wizard** select **Internet Connection Manually** and click **Next**.
5	Select **Connect Through Phone Line and Modem**.
6	From modem selection scroll down to **Smartphone 2003 Wireless USB Modem** and click **Next**.
7	Under **Telephone Number**, type the codes your network administrator provides and uncheck area codes and dialing rules; then click **Next**.
8	Fill in the **User Name** and **Password** and click **Next**.
9	Type in connection name (i.e. Smartphone USB Cable GPRS) and click **Next**.
10	Select **No** then **Next** and click **Finish**.

To double-check the new dial-up connection settings, follow the steps below:

	Steps
1	Open a newly created dial-up connection for your personal computer.
2	Click **Properties** and verify **Smartphone 2003 Wireless USB Modem** is selected.
3	Click **Configure** and ensure all hardware features are selected as shown above.
4	Click **OK** then **OK**.
5	After clicking **Dial**, you should see **Opening**, **Dialing**, **Verifying User Name and Password**, and **Registering Your Computer on the Network**. You are GPRS connected when the dial-up dialogue window changes to an icon in your system tray.

Deactivating the Modem Link

Deactivate the modem link when you are finished using it in order to avoid potential problems when using the **ActiveSync** feature in the same session.

Feature Focus   Start > More > Accessories > Modem Link > Menu > Deactivate

Managing Files

File Manager is for file and folder management in your phone.

It operates in two major views, **Tree View** and **List View**.

Tree View

List View
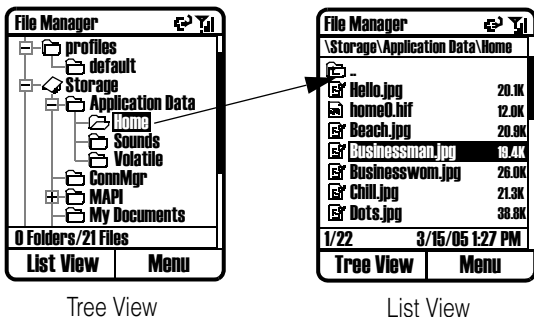
Feature Focus   Start $\diagup\!\!\!\!\diagdown$ > More > File Manager

Option	Description
Tree View	displays the entire file structure in your phone's memory. The functions in **Tree View** primarily focus on folder management (operates similar to Microsoft Windows **File Explorer**).
List View	displays the details of the selected folder (its sub-folders and files). The functions in **List View** are basically file-oriented.

There are a variety of key features for **File Manager**:

- Delete, move, or copy/paste folders and files, and create file shortcuts.

- Sort listed files in a variety of ways (by **Name**, **Size**, **Type**, or **Date of Last Change**, and by **Ascending** or **Descending**).

- Search for files according to portions of filenames.

- Send the selected files through email, infrared beaming, MMS or Bluetooth radio, and receive files through infrared beaming or Bluetooth radio.

- View file or folder properties.

- Confirm the file you want to replace or delete.

- Refresh the folders and files on your phone.

When **File Manager** is initially invoked, it is in **Tree View** by default. To switch to **List View**, press **List View** ◿ . In **Tree View**, if the currently selected folder contains no subfolders, pressing **Action** ◎ will also switch to **List View**. If the selected folder in **Tree View** contains subfolders, press **Action** ◎ to expand or collapse the tree for that folder. For most functions, you must first select the file or folder you wish to operate on, and then press **Menu** ◺ to select a desired command from the options list. Press **Action** ◎ to immediately run the selected file.

Managing Phone System Resources

Resource Manager allows you to view and refresh the details of battery power status and phone memory amount. It falls into two features: **Task Manager** and **Space Manager**.

Option	Description
Task Manager	lists all applications currently running on your phone. You can easily activate any currently running application, terminate applications, and refresh the list of running applications.
Space Manager	lists all emails, SMS messages, MMS messages, voice clips, speed dials, and call history records stored on your phone's flash memory. You can easily delete any of the files saved on the flash memory and refresh the amount of free flash memory.

Using Task Manager

Feature Focus Start ⌒ > **More** > **Resource Manager** > **Menu** ⬂ > **Task Manager**

Tip: To exit from **Task Manager**, press **Quit** ⌒ .

The menu options for **Task Manager** are listed below:

Option	Description
Kill	terminate the selected application
Kill All	terminate all running applications
Kill All Except Selected	terminate all running applications except the selected one
Refresh	refresh the list of running applications

Using Space Manager

Feature Focus   Start $\fbox{}$ > **More** > **Resource Manager** > **Menu** $\fbox{}$ > **Space Manager**

Tip: To exit from **Space Manager**, press **Quit** $\fbox{}$.

The menu options for **Space Manager** are listed below:

Option	Description
Erase Messages In Messaging	delete all email, SMS, or MMS messages from the selected account and folder
Erase Call History	clear all call history records
Erase Speed Dial	delete all speed dial settings
Erase Voice Notes	delete all voice clips

Option	Description
Erase All	delete all messages, call history records, speed dials, and voice clips
Refresh	refresh the free flash memory amount

Removing Programs

The **Remove Programs** feature lets you remove programs installed on your phone, with the exception of core programs that came with the phone, such as the **Contacts**, **Calendar**, and **Internet Explorer**. If you accidentally remove a program from the device, you can find it on the companion CD to reinstall.

Feature Focus   Start ⌐⎯⁄ > Settings> Remove Programs

Personal Information Management

Using the Contacts

Contacts	▥ ▼
Arthur, Bob	w
Ashton, John	w
Bacon, Tom	m
Baker, Julia	w
Campbell, Jack	w
Chen, Henry	w
Cook, Nelson	h
Davidov, Alfred	w
Duffy, Sean	w

New	Menu
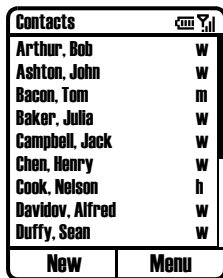
Feature Focus   Contacts

You can think of the **Contacts** as an address book, where you store information about people and businesses you communicate with in contact cards. For example, you can store multiple phone numbers, emails, and street addresses, Web pages, and other information on such as a birthday or anniversary date. You can use the **Contacts** to dial phone numbers and compose email and SMS messages directly from a contact card.

The contacts list displays the names of your contact cards alphabetically, along with an abbreviation for the default

communication method, such as the person's work phone number (**w**) or home phone number (**h**).

Note: If the contact card includes a work phone number, your phone will automatically set it as the default number. The contact cards along with the icon 🗊 are the entries stored on your SIM card.

The following table shows possible abbreviations and their meanings that might display in your contacts list:

Abbreviation	Description
w	work phone
w2	second work phone
h	home phone
h2	second home phone
m	mobile phone
pgr	pager
car	car phone
wfx	work fax
hfx	home fax
e	email address
e2	second email address
e3	third email address
txt	SMS address (SMS phone number)
🗐	Web page

Creating a New Contact

When you create a new contact card on your phone, you can synchronize the **Contacts** with your desktop computer or a server to keep your contact information current in all locations.

	Press	To
1	New ⟋⟋	open an empty contact card
2	keypad keys	enter in the appropriate information
3	Done ⟋⟋	save the contact card

Viewing a Contact

```
Contact              📶
Cook, Scott
370-8699              • w
370-7399               m
someone@example.com    e
370-7399             txt

      Edit      Menu
```

Number with a black dot denotes default number.

Work Number

Mobile Number

Email Address

SMS Message Number

	Press	To
1	◎	scroll to a desired contact card
2	Action ◎	view the contact card

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

Option	Description
Add Speed Dial *	create a shortcut to the selected phone number, email address, or Web URL by assigning one or two numbers as a speed dial entry
Send Text Message	compose and send an SMS message to the selected contact **Tip:** By selecting an email address > **Outlook E-Mail** from an opened contact, you can also compose and send an email message to the selected contact.
Save to SIM/ Save to Contacts	copy the selected contact saved in the phone to your SIM card or vice versa
Set as Default	set the selected phone number, email address, or SMS message number as the default communication method for the contact
Beam Contact	send the selected contact to another mobile device or desktop computer using infrared
Delete	remove the selected contact from the contacts list
Edit	modify information on the selected contact

* This feature is available only for the contact cards saved in your phone memory.

Using Calendar

Calendar is your phone's scheduling program, where you can create and view appointments by day, week, or month.

Creating a New Appointment

When you create a new appointment on your phone, you can synchronize Calendar with your desktop computer or a server to keep your schedule information current in all locations.

Feature Focus   Start ⌐⟋⟍ > Calendar

	Press	**To**
1	Menu ⟍⌐	open the options menu
2	Action ◎	select New Appointment
3	keypad keys	edit the appointment
		Tip: Under Reminder, select an amount of time you want the reminder to appear before the appointment.
4	Done ⌐⟋	save the appointment

Viewing an Appointment

Feature Focus   Start $\sqrt{}$ > Calendar

	Press	To
1	ⓞ	scroll to a desired appointment
2	Action ⓞ	display the appointment

Using Agenda View

You can view appointments using three different methods: Agenda View, Week View, and Month View.

Agenda View is the default view for calendar information. This view displays meetings and appointments scheduled for a day. The appointments appear in chronological order according to start time.

To display appointments for the current day:

Feature Focus   Start $\sqrt{}$ > Calendar

	Press	To
1	Menu ⟍⟍	open the options menu (if you are using Week View or Month View)
2	ⓞ	scroll to Agenda View
3	Action ⓞ	select Agenda View to list all appointments for the current day

	Press	**To**
4	◎	scroll to a desired appointment
5	Action ◎	display the appointment

To display appointments for a specific day:

Feature Focus   Start ⟋⟋ > **Calendar**

	Press	**To**
1	Menu ⟍⟍	open the options menu
2	◎	scroll to **Go to Date**
3	Action ◎	select **Go to Date**
4	keypad keys	enter in the date you want to view
5	Done ⟋⟋	display all appointments for the specific day

Using Week View

Week View shows your schedule for five workdays in a specified week. This view allows you to get a quick indication of your free and busy time, and allows you to create an appointment at a selected time easily. **Week View** displays the hours in 1-hour increments by default on the left side of the screen and displays the days in 1-day increments by default on the top side of the screen. You

can press ◎ to navigate through the hours/days on the

screen. If you leave **Week View**, the hours/days last shown will be displayed the next time you return to **Week View**.

Feature Focus	Start ⌫ > Calendar
Press	**To**
1 Menu ⬡	open the options menu
2 ◎	scroll to **Week View**
3 Action ◎	select **Week View**
4 ◎	scroll to a desired time area
5 Action ◎	display the appointment

Using Month View

Month View provides an overview of your monthly schedule. Arrow indicators pointing up represent morning appointments. Arrows pointing down represent afternoon appointments. A hollow box indicates an all-day event. A solid box indicates you have morning and afternoon appointments. If you have morning and afternoon appointments plus an all-day event, a solid box is surrounded by a hollow box.

Feature Focus	Start ⌫ > Calendar
Press	**To**
1 Menu ⬡	open the options menu

	Press	To
2	◎	scroll to **Month View**
3	**Action** ◎	select **Month View**
4	◎	scroll to a desired day
5	**Action** ◎	display all appointments for the selected day

Using Tasks

Tasks allows you to track a personal or work-related project, assignment, or errand from beginning to completion. A task can occur once or repeatedly. 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 **Tasks** list shows your "things to do" schedule. An item followed by an exclamation mark indicates high priority and an item with a down arrow is marked as low priority. Overdue tasks display bold and red. Completed tasks display with the corresponding check box selected.

Creating a New Task

When you create a new task on your phone, you can synchronize **Tasks** with your desktop computer to keep your tasks list current in both locations. If you create a new task with a reminder on your desktop computer, you can synchronize **Tasks** so that you hear the reminder on your

phone. Completed tasks are removed from your phone after synchronization. They are then displayed in gray with a strikethrough on your desktop computer.

Feature Focus	Start ⊞ > **More** > **More**> **Tasks**

	Press	**To**
1	◎ up	select the **Enter new task here** field
2	keypad keys	enter in the task
3	**Action** ◎	save the task

Marking a Task as Complete/Incomplete

	Press	**To**
1	◎	scroll to a desired task
2	**Complete** ⊞	mark the task as complete
	or	**or**
	Activate ⊞	mark the task as incomplete

Using Voice Recorder

Use **Voice Recorder** to create audio clips. The length of time to record a voice recording depends on the remaining phone storage. Recordings are included in the **All Notes** list and are named consecutively (**Recording1**, **Recording2**, and so on). You

can also press and hold $\begin{smallmatrix}▲\\▼\end{smallmatrix}$ down to quickly open **Voice Recorder** from the Home screen.

Creating a New Audio Clip

Feature Focus   Start $\diagup\!\!\!\!\diagup$ > **More** > **Voice Recorder**

Steps

1 Hold your phone's microphone near your mouth.

Microphone

---
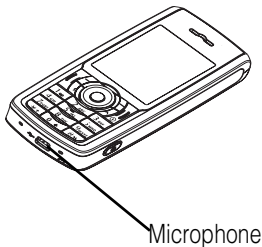
2 Press **Record** $\diagup\!\!\!\!\diagup$ to begin recording an audio clip.

---

3 Press **Stop** $\diagup\!\!\!\!\diagup$ to stop recording the audio clip.

Playing an Audio Clip

Feature Focus	Start $\bigcirc$ > More > More > Voice Recorder

	Press	To
1	⊚	scroll to a desired audio clip
2	**Action** ⊚	play the audio clip

Using Calculator

You can use **Calculator** to perform any of the standard operations for which you would normally use a handheld calculator. **Calculator** performs basic arithmetic, such as addition, subtraction, multiplication, and division.

Feature Focus	Start $\bigcirc$ > More > Accessories > Calculator

	Press	To
1	number keys	enter numbers
2	#⌫	select a mathematical symbol
3	*⋅	enter a decimal point
4	**Clear** $\bigcirc$	delete the last input
	or	
	Back $\square$	
5	**Action** ⊚	perform the calculation

Tip: You can also press ⊚ to display the available mathematical symbols. Press Up for the plus sign (+), Down for the minus sign (-), Left for the division sign (/), and Right for the multiplication sign (x).

Media Center

Taking Photos

You can capture images and store them in your phone or memory card.

Camera Lens
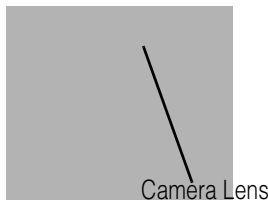
Feature Focus	Start $\diagup\!\!\!\!\diagup$ > More> Pictures & Videos > Camera

	Press	**To**
1	(◎) up/down	zoom in/out
2	(◎) left/right	decrease/increase brightness
3	Action (◎)	take a photo and save the photo automatically in Smartphone > Storage > My Documents > MyPhotos and return to preview

The following table lists the menu options for the **Camera** mode. The icon ▮ shown on the right/down side of the screen indicates pressing right soft key ⬎ to open the **Camera** options menu from the below screen. To change among menu options, press ◉ left/right; to specify a configuration for the selected menu option, press ◉ up/down; and to exit from options menu and return to preview, press **Back** ⬐.

Media Center

Option	Description
Resolution	select the resolution of captured photos (The higher the resolution, the more space required to store photos on the phone.)
White Balance	choose from a variety of presets depending on your shooting conditions
Brightness	adjust the brightness of the image
Zoom	zoom in/out
Mode >Timer	set the duration of timer for use in taking delayed photos
Mode >Burst	set the maximum number of photos that can be taken at a time

Option	Description
Folder	choose a different folder to store photos (Press **Action** ◎ to select **Folder**; press ◎ up/down to scroll to a folder where you want to save photos; and press **Done** 〆 to save the setting.)

Viewing Photos

You can use **Pictures & Videos** to view and manage still images on the phone.

Feature Focus   **Start** 〆 > **More** > **Pictures & Videos** > **Open File**

	Press	**To**
1	◎ up/down	scroll to a desired directory
2	◎ left/right	collapse/expand the directory
3	◎ up/down	scroll to a desired folder
4	**Action** ◎	select the folder
5	◎ up/down	scroll to a desired photo
6	**Done** 〆	display the photo

The opened photo displays in the fit to screen view by default. You can press **Action** ◎ once to display the photo in the full screen view or press **Action** ◎ twice to display the photo in the actual image view. In the actual image view, press **Action** ◎ once to return to the fit to screen view.

When you are in any of the three image size views, press different keys to do the following:

- Press ◎ left/right to display previous/next photos in the current folder.
- Press ◎ up/down to magnify/minify the photo.

The following table lists the menu options when you launch **Pictures & Videos**:

Option	Description
Open File	display an image file from the selected directory
Send	send the current image to a contact via text messages or outlook e-mail
Beam	beam the current image to other devices using Bluetooth or Infrared
Save to contact	add the current image to a contact saved in the phone memory

Option	Description
Slide Show	play a slide show of all the images in the current location
	Tip: When viewing a slide show, you can also press ◎ left/right to display previous/next images in the current folder. Press **Menu** ⟍⟍ and select an option to play/pause/stop a slide show viewing, to turn the full screen mode off and then view images in the fit to screen mode, to display images sequentially from the first file to the last file or vice versa, or to display images on slide from left to right or right to left.
Edit	display the current image in the actual size view or fit to screen view and rotate the image 90 degrees to the left, right, or horizontal
Use as Home Screen	paste the current image on the Home screen
Properties	see the properties of the current image or change the image's name

Creating Picure Folder

You can create new picture folders for managing different kinds of pictures.

Media Center

Playing Video Clips

Use **Windows Media** to play video clips, audio captures, and music files directly from your phone or memory card (see "Using Windows Media Player" on page 138). For best results and performance, store video clips in your storage card instead of the phone memory.

Using Internet Explorer®

Using **Internet Explorer**, you can browse the Web on the phone. **Internet Explorer** supports Wireless Application Protocol (WAP), Hypertext Markup Language (HTML), and compact Hypertext Markup Language (cHTML). It also supports images and sounds, but does not support frames on a Web page. With **Internet Explorer**, the Favorites list is displayed as the main screen instead of a home page. You can add your own URLs as favorites to this list for quick access to websites you frequently visit. While you are connected to the Internet, press **Home** 🔳 to change between **Internet Explorer**

and other programs on your phone. This will not close your Internet connection.

Feature Focus   Start $\boxed{}$ > Internet Explorer

Viewing a Favorite

	Press	To
1	◎	scroll to a desired link on the Favorites list
2	Go $\boxed{}$	connect to the link

Displaying the Previous Web Page

Press	To
Back $\boxed{}$	display the previous Web page in the same session

Disconnecting from the Internet

Press	To
End $\boxed{}$	terminate the Internet connection

Launch **Internet Explorer** and use the menu options to do the following:

Option	Description
Address Bar	edit a Web address and link to it by pressing **Go** ⌐⌐ . Scroll down to **View History** and press **Go** ⌐⌐ to view a list of the most recently-visited Web pages
Refresh	update the Web pages you visited
Add Favorite	add a Web page to your Favorites list (Enter a name for the website as you want it to appear on the Favorites list and press **Add** ⌐⌐ when done.)
Favorites	open the Favorites list
Layout	specify how Web pages are displayed
Properties	view the Web page info
Add Folder	create a new folder on your Favorites list
Edit	edit the current favorite/folder on the Favorites list
Delete	delete the current favorite/folder from the Favorites list

Option	Description
Options > General	change the way Web pages are downloaded and displayed (You can choose to omit displaying images, turn sound off, request a warning before moving from secure Web pages to insecure Web pages, allow cookies, or change the language.)
Options > Connections	change your network connection
Options > Memory	clear the temporary Internet files, cookies, and Web history records

Using Windows Media Player

Feature Focus Start > Windows Media

Using **Windows Media**® 10.0, you can play media audio and video files and MP3 audio files stored on your phone or memory card.

It supports three different display screens: **Play** (the default), **Now Playing**, and **Library**. The **Play** screen lets you start/pause playing the current file, play next/previous files, and adjust the speakerphone volume. The **Now Playing** screen displays a list of the files to play. The **Library** screen lets you choose a folder which stores media files and select a file to play.

To open the **Play** screen, scroll to a file you want to play or select a folder and press **Play** . To open the **Now Playing**

screen, press **Now Playing** $\boxed{\nearrow}$ from the **Play** screen. To open the **Library** screen from the **Play** or **Now Playing** screen, press **Menu** $\boxed{\searrow}$ > **Library** > **Back** $\boxed{\searrow}$ (one or several times), or press **Menu** $\boxed{\searrow}$ > **Library** > **Menu** $\boxed{\searrow}$ > **Library** > **My Device** (the smartphone) or **Memory**.

Playing a Media File on Your Phone

On the **Play** screen:

	Press	To
1	**Action** ◎	play/pause the file
2	◎ left	skip to the beginning of the current file
3	◎ left twice	skip to the previous file
4	◎ right	skip to the next file
5	◎ up/down	increase/decrease the speaker volume
	or	
	⬍ up/down	

On the **Now Playing** or **Library** screen:

	Press	To
1	◎	scroll to a desired file or folder

	Press	To
2	**Play** ⟋⟋	play the file or all the files in the folder
3	◎ left	skip to the beginning of the current file
4	◎ left twice	skip to the previous file
5	◎ right	skip to the next file
6	◎ up/down	increase/decrease the speaker volume
	or	
	⦙ up/down	

The following table lists the menu options that are available for the **Play** screen:

Option	Description
Play/Pause	resume/pause the current file
Stop	stop the current file
Shuffle/Repeat	play all the files on the **Now Playing** playlist randomly or repeatedly
Full Screen	play the current video file in full screen
Library	open the **Library** screen
Open URL	link to an edited URL and play a streaming media file on network

Option	Description
Options	adjust the **Windows Media** settings
Properties	display information about the current file
About	display information about **Windows Media**

The following table lists the menu options that are available for the **Now Playing** screen:

Option	Description
Library	open the **Library** screen
Move Up	move the current file up on the **Now Playing** playlist
Move Down	move the current file down on the **Now Playing** playlist
Delete from Playlist	delete the current file from the **Now Playing** playlist
Shuffle/Repeat	play all the files on the **Now Playing** playlist randomly or repeatedly
Clear Now Playing	delete all the files from the **Now Playing** playlist
Error Details	view the error messages for the current file (An exclamation mark displaying before the file name indicates an error operation occurs for the file.)
Properties	display information about the current file

The following table lists the menu options that are available for the **Library** screen:

Option	Description
Queue Up	add the current file to the **Now Playing** playlist
Delete from Library	delete the current file from the **Library** screen
Library > **My Device/ Memory**	open the **Library** screen on the phone or memory card
Update Library	search for folders on the phone or memory card and add the folders to the **Library** screen
Open File	play the files saved on the phone or memory card, but you cannot play the files listed on the **Library** screen
Properties	display information about the current file
Done	close the **Library** screen and open the **Play** screen

Tip: You can also play a stream directly from a link in an email. Just select a link in an email and press **Action** ◎ to play the stream.

Playing Games

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout. If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights feature on your phone, if any. Parents should monitor their children's use of video games or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Playing Bubble Breaker

The object of **Bubble Breaker** is to have balls (more than one) in the same color deleted from the screen. The fewer balls you leave behind, the more scores you get.

Feature Focus	Start $\diagup$ > More > Games > Bubble Breaker

	Press	**To**
1	◎	highlight a ball which is in the same color as other ball(s) around
2	**Action** ◎ twice	delete the balls from the screen

Tip: To start a new game, press **New** $\diagup$.

The related menu options are described below:

Option	Description
Undo	recall the balls you just deleted
New Game	start a new game
Statistics	select a style to display relative entries (Press **Reset** $\diagdown$ to clear all the records for the selected style.)
Options	turn the default play sound and the guest mode on/off, and select a style and color
About	open the **About** dialog

Media Center

Playing Solitaire

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

Feature Focus   Start $\boxed{\diagup\diagup}$ > **More**> **Games** > **Solitaire**

Steps
1   Press the number or character above the card stack displaying the card you want to move, and press the number or character above the card stack to which you want to move the card.
2   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.   **Tip:** Press ◎ up to move a card to one of the four card stacks on the upper right corner of the screen if it belongs there. For example, if you have an ace displayed in one of the seven stacks, press the number above the ace, and then press ◎ up. The card that is faced up on the deck is always available for play.
3   When you have made all available plays, press **Draw** $\boxed{\diagup\diagup}$ to turn over cards.

Managing Java®

You can download Java games on your phone. In addition, you can configure the Java settings.

Downloading a Java Game

You can download Java games from the Internet.

Feature Focus	Start ⌐⌐ > More > JBlend

Press	To
Download ⌐⌐	install Java games on your phone

or

Feature Focus	Start ⌐⌐ > Internet Explorer

	Press	To
1	◎	scroll to a desired link
	or	**or**
	Menu ＼ > Address Bar	enter a Web address
2	Go ⌐⌐	connect to the link
3	◎	scroll to a desired Java game

	Press	To
4	Install $\sqsubset\!\!\!\!\!\sqsubset$	install the Java game on your phone
		Tip: After the complete installation, press **Action** ◎ to start the Java game. To terminate, press **End** $\underline{\smash{\gt\!\!\!\cdot\!\!\!\cdot}}$.

The menu options for a chosen Java game are described below:

Option	Description
Remove	delete the Java game except the presets
Rename	rename the Java game
Update	update the Java game using the stored information, such as the URL address
Options	select required settings for a Mobile Information Device application (MIDlet) of the Java game (Changes to permission settings for a MIDlet in a multi-MIDlet suite will affect the settings for the whole suite.)
Info	display the size, version number, vendor, domain and URL of the downloaded Java game

Option	Description
Java Info	display the following information:
	• Connected Limited Device Configuration (CLDC) version number
	• Mobile Information Device Profile (MIDP) version number
	• Heapsize
	• SD Card free space
	• Phone storage free space
	• JSRs
	Note: The heapsize does not reflect the memory installed, but the actual Jbed FastDAC heapsize setting.
Java Settings	sort all the Java games by a specified type and turn the backlight on/off
Exit	exit from **Java Application**

Care and Maintenance

It is recommended that you observe the cautions below to prevent possible damage to your phone and to keep your phone in good condition.

When using your phone

- Avoid using your phone in dusty, extremely high or low temperature environments.

- Your phone does not provide water-proof capability. Do not spill water onto the phone or use it in the water or rain.

- Avoid removing the battery without turning off the phone in advance. If you want to remove the battery, turn phone power off 1st.

- Do not apply strong force or shock to the phone.

- Keep the phone and its accessories away from small children.

- Do not insert metal objects into the battery charger socket of the phone. This can short-circuit the battery and result in danger.

- Back up your Phonebook data regularly onto the SIM card.

When cleaning your phone

- Use soft, clean and slightly moistened cloth to clean your phone. Do not let water come into any openings

(such as earpiece and microphone) or remain on
metal surface (such as the metal contacts).

- Do not wipe your phone with any corrosive liquid or
  coarse objects. This can damage the outer case of
  your phone.

When carrying or storing your phone

- Do not leave your phone in hot enclosed places (such
  as in a car under direct sunlight).

- Avoid pressing and shaking the phone when you carry
  it.

- Remove the battery from phone if it is not going to be
  used for a long period of time. Keep the phone and
  battery in a cool and dry place.

When using the accessories

- Use only approved batteries and accessories. Use of
  non-approved accessories can cause damage to your
  phone or even yourself.

- Do not use the battery and charger for other
  purposes.

When using your phone in public areas

Use the phone with manner. Turn it off or make it silent
when you are asked to.

When the phone appears to be broken

Do not attempt to disassemble or fix the phone by yourself.
Seek your original dealer for help.

Q & A

Problem with your phone? If you have questions or need help, please contact the local Customer Support Center.

Question	Answer
Cannot turn on the phone?	• Is the battery empty? • Is the battery properly installed? • Are the contacts on battery and phone clean? If the contacts appear to be soiled, contact your dealer to clean them.
Your voice cannot be heard.	Have you already turned on the in-call **Mute** function? Turn it off if necessary.
Cannot use certain call functions?	To use certain advanced call functions (such as **Call Forwarding** and **Call Barring**), you may need to subscribe these services to your operator first.
There are noises during a phone call.	Avoid using the phone near a microwave oven, speaker or TV. Their interference has adverse effect to call quality.

Question	Answer
Unable to make/ receive calls?	• Is the reception of network signal in good condition? Move to an open space, or a place closer to window.
	• Is network setup properly? If necessary, try to select your network manually.
	• Have you already activated the **Fixed Dialing**, **Call Forwarding**, and **Call Barring** functions? If yes, deactivate them temporarily.
	• Are you using your phone with other SIM cards when the **Enable SIM PIN** function has been activated? Deactivate the function if necessary.
	• Check to make sure **Flight mode** is off.
Cannot connect to the Internet?	• Have you subscribed the Internet (WAP) service to your operator?
	• Did you enter correct setting parameters (such as APN and IP addresses) in WAP profile setup?

Question	Answer
The battery cannot be charged.	• Is the battery charger correctly plugged into the battery charger socket on the phone?
	• Is the power cord of the charger damaged?
	• Is the battery very old? Replace with a new battery and try again.
	• If the battery is "deeply discharged" and you plug in a charger, the phone will not display that it is charging. After charging for approximately 15 minutes, disconnect then reconnect the charger to the phone. It will then properly display that it is charging (Whether the charging indicator displays on the screen varies by phones).
Cannot synchronize device with PC?	Check the following website for several possible solutions: http://support.microsoft.com.
USB won't connect while using the ActiveSync feature.	Upgrade to the latest version of the ActiveSync feature. Use version 3.7.1 or higher from Microsoft downloads, available at: http://www.microsoft.com/downloads.

Question	Answer
The standby and talk time is apparently shorter than ever.	• Your phone consumes more power when signal reception is poor. Try to move to a better location when you use the phone.
	• Are you using a new battery? It takes several charge and discharge cycles for the battery to reach its original capacity.
	• Is the battery very old? Replace it with a new one.
	• Are you using the phone in very high or low temperature environment? The efficiency of a battery can be effected by ambient temperature.
Phone appears to operate slowly.	Check the free memory. Go to **Start** ⟋⟋ > **Settings** > **About** from the Home screen. It is recommended to have at least 1.5 to 2 MB of free memory storage on your phone. Remember to delete or transfer (to micro-SD or computer) old messages and pictures.

Question	Answer
Home Screen Layout error message appears.	If the Home screen appears white or another color, the Home screen layout may not be selected. An error message **Cannot find Home Screen Layout** may also appear. To correct this, you need to reselect the Home screen. Go to **Start** 〰 > **Settings** > **Home Screen** from the Home screen and select a Home screen layout.
I'm having issues with my email or I can't connect to the GPRS/WAP server.	• Check your GPRS data connection settings (see "Creating GPRS Connection" on page 62). • Try browsing the Web or your service provider's website. • Check your email settings: user name, password, server name, and server type (see "Configuring an Email Account" on page 69). • Try connecting to your email server.

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Federal Communications Commission Regulations

This device complies with part 15 of FCC Rules. Operation is subject to the folllowing two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

This mobile phone has been tested and found to comply with the limits for 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 mobile phone 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 gurantee that inferference will not occur in a particular installation. If this mobile phone dose cause harmful interference to radio or TV reception, which can be determined by turning the mobile phone 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 seperation between the equipment and the receiver.

--Connect the equipment into an outlet on a circuit different from to which that the receiver is connected.

--Consult to the dealer of experienced radio/ TV technician for help.

Changes and modification not expressly approved by the party responsible for compliance could void the user's authority to operate the mobile phone.

► **RF Exposure Information (SAR)**

This model phone meets the government's requirements for exposure to radio waves. This phone 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.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted 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 operating 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 poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.11 W/kg for GSM850 / 0.576 W/kg for PCS1900 / 0.427 W/kg for WLAN / 1.537 W/kg for collocation of GSM and WLAN, and when worn on the body, as described in this user guide, is 1.42 W/kg for GSM850 / 1.08 W/kg for PCS1900 / 0.063 W/kg for WLAN / 1.472 W/kg for collocation of GSM/GPRS/EDGE and WLAN (Body-worn measurements differ among phone models, depending upon available enhancements 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.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: QDJ-0602DBS01.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do no t use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.