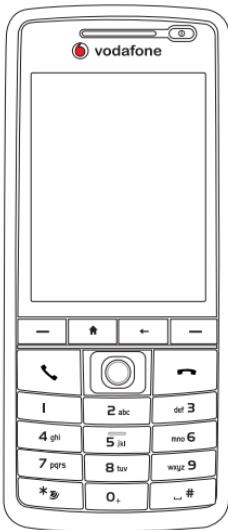


Vodafone 1210

VDA IV

USER MANUAL

Vodafone 1210



User Manual

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October 2006

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Safety Precautions

- ~~This battery is not fully charged the first time you take the device out of the box.~~
- Do not remove the battery pack while the device is charging.
- When inserting your SIM card, make sure the device is powered off, and that the SIM card is adjusted properly into its socket.
- Do not open or tamper with the device's outer casing. doing so will invalidate your phone's Warranty.

EXPLOSIVE ATMOSPHERES: Turn off your phone in any area with a potentially explosive atmosphere or where flammable materials exist. Such areas include fuel stations and storehouses, chemical plants, and locations containing explosives.

ELECTRICAL SAFETY: This product is intended for use when supplied with power from the battery. Other usage may be dangerous and will invalidate this product's warranty.

SAFETY IN AIRCRAFTS: Consult the aircraft personnel if you wish to use the phone inside an aircraft.

ROAD SAFETY: Full attention should be given to driving at all times in order to reduce the risk of accidents. Using a wireless device while driving (even with a hands-free unit) may be distracting. You should comply with local laws and regulations restricting the use of wireless devices while driving.

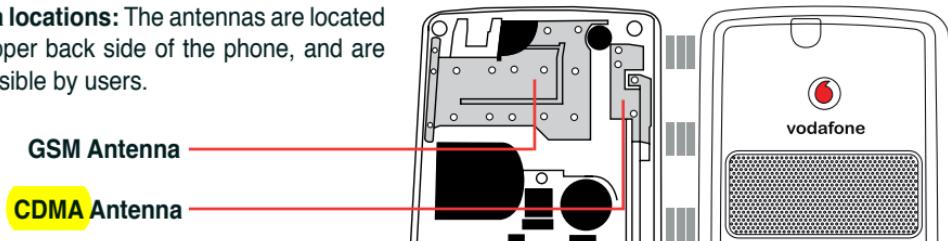
INTERFERENCE WITH MEDICAL EQUIPMENT: This product may cause malfunctions to medical equipment. The use of this device may not be allowed in most hospitals and medical facilities.

Pacemaker users: Keep a distance of 6 inches (15cm) from the pacemaker when the device is switched on, do not carry the device in the breast pocket, and hold the device to the ear opposite to the device.

Hearing aid users: Consult your hearing aid provider if your device interferes with your digital hearing aid.

NON-IONIZING RADIATION: It is recommended that no part of the human body be allowed to come too close to the antenna during the operation of the equipment.

Antenna locations: The antennas are located in the upper back side of the phone, and are not accessible by users.



SMALL CHILDREN: Do not leave your product and its accessories within reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the product. Your product also contains small parts with sharp edges that may cause injuries or which could become detached and create a choking hazard.



The symbol of the crossed out wheeled bin indicates that this device should not be placed in municipal waste. Check local regulations for disposal of electronic products.

Important Health and Safety Information

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

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

General precautions

Heed service markings

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

Damage requiring service

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

- The product has been exposed to liquids, or liquid has been spilled into the product.
- An object has fallen into the product, or the product has been dropped and damaged.
- The product has been exposed to extreme temperatures, such as overheating.
- The product does not operate normally when you follow the operating instructions.

Specific precautions

Avoid hot areas: The product should be placed away from heat sources such as radiators, stoves, or other heat producing products.

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

Avoid pushing objects into the product: Never push objects of any kind into any slots or openings of the product. Slots and openings are provided mainly for ventilation. These openings must not be blocked or covered.

Mounting accessories and surfaces: Do not use the product mounted on unstable accessories or surfaces. Any mounting of the product should follow the manufacturer's instructions.

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

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

Cleaning: Detach the product from any accessory and power adapter before cleaning. Do not use liquid or aerosol cleaners. Use a cloth for cleaning, but NEVER use water to clean the LCD screen.

Radiofrequency (RF) radiation exposure for body worn operation: To ensure compliance with RF exposure guidelines this device must be used with a minimum of 1.5cm (0.6") separation from the body. Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Safety precautions for the power supply unit and battery

Use the correct external power source. The power adapter of this product can only be operated from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company.

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



Li-ion



WARNING

DANGER OF EXPLOSION IF BATTERY PACK IS INCORRECTLY REPLACED. TO REDUCE RISK OF FIRE OR BURNS, DO NOT DISASSEMBLE, CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS OR CIRCUITS, DISPOSE OF IN FIRE OR WATER, EXPOSE TO TEMPERATURES HIGHER THAN 60°C(140°F). REPLACE THE BATTERY PACK ONLY WITH SPECIFIED BATTERIES. RECYCLE OR DISPOSE OF USED BATTERIES ACCORDING TO LOCAL REGULATIONS.

SAR Information - Rules for Exposure to Radiofrequency Energy

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.878 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. The highest SAR value for this device when tested in a body worn position was 1.04 W/kg**.

As SAR is measured utilizing the devices highest transmitting power, the actual SAR of this device while operating is typically below that indicated above, because the power level of the device will adjust automatically to ensure it only uses the minimum power level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the

mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/en/>) or Company Vodafone (<http://www.vodafone.com>).

* The tests are carried out in accordance with international guidelines for testing.

** Important safety information regarding radiofrequency radiation (RF) exposure for body worn operation:

To ensure compliance with RF exposure guidelines this device must be used with a minimum of 1,5 cm (0,6 inch) separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

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Vodafone 1210 specifications

Processor	Intel PXA270 312MHz
Operating system	Windows Mobile® 5.0 (Smartphone)
Network system	UMTS (3GPP Band I), Tri-Band GSM (900/1800/1900), GPRS class 10
Memory	128MB Flash ROM. 64MB SDRAM
Display	2.2-inch 65K color TFT-LCD (240 x 320 pixels)
Expansion slot	One slot for micro SD cards
Wireless transmission	Bluetooth® v1.2 / USB v1.1 (Client + Host) *
Audio	3.5 mm stereo earphone jack / built-in microphone / built-in speakerphone
Dimensions	109.5 mm x 46.9 mm x 18 mm
Weight	103.3 grams (with battery)
Battery	1100mAh removable/rechargeable Lithium-Ion
Battery life	Standby time: Up to 250 hours (GSM) / 280 hours (WCDMA)** Talk time: 5 hours (GSM) / 2.5 hours (WCDMA)**
Audio/Video	Supports: .3gp, .3g2, .mp4, .aac, .amr, .qcp, .mid, .mp3, .wav, .wma, .wmv
Internet browsing	HTTP and WAP2.0
Messaging	SMS, MMS 1.2 and E-mail
JAVA	J2ME (CLDC 1.1 + MIDP2.0)
Ringtones	40 channels polyphonic ringer. 12 pre-installed ring tones.

* USB Host only supports the following devices: UID devices (mouse, keyboard) and Self-powered/Low-power storage devices (Flash disk, Hard Drives)

** The battery life depends on multiple factors, including network and usage environment.

Package contents

Your package includes the Smarphone and several accessories. If any item is missing or damaged, contact your dealer or retailer immediately.

Standard items

- Vodafone 1210 Smartphone
- USB sync cable
- AC adapter
- Companion CD
- Removable/ rechargeable 1100mAh Li-ion battery
- Stereo Headset
- Quick start guide
- User manual
- Warranty card

IMPORTANT To avoid damaging your Smartphone and accessories, we recommend to operate this unit within a temperature range of 0 ~ 40 °C (68 ~ 86 °F) and 50% humidity. Anything that goes beyond or below this temperature range may damage the unit and/or shorten the battery life.

Chapter 1 Getting Started

1-1 Introducing the Vodafone 1210 Smartphone

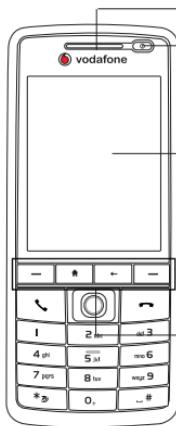
The Vodafone 1210 3G Smartphone comes with the latest mobile technology that fits your world into your hands. This Smartphone is a tri-band mobile phone with messaging capabilities, organizer, GPRS, and a micro SD card slot.

In addition to its 128 MB of internal memory, you can use a micro SD card to extend its storage space, allowing you to save photos, messages, texts, graphics, and audio files, making it a perfect partner whether you're on or off the road.

With these features and many more, the Vodafone 1210 is sure to give you a satisfying mobile phone experience.

1-2 Getting to know your Smartphone

Front features



Earpiece

Power On-Off Button / Multi-color LED indicator

See table below for more information.

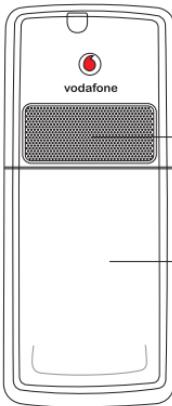
External display

Displays current time and date, battery power, signal strength, and current profile. See **5-1 Personalizing your Smartphone** for more information.

Windows Media® controls

See **9-2 Listening to music and watching videos** for more information.

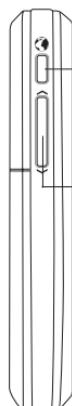
Back features


Speakerphone

Use to listen to music or to talk handsfree.

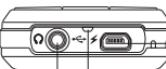
Battery compartment

Side features


Internet button
Press to launch Opera Browser

Volume button
Press to turn the volume of a call up or down.

Bottom features

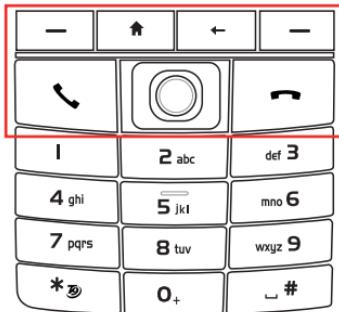

Mini USB port/power connector
Use to synchronize data with your PC or to charge your phone.

Microphone
Earphone jack

Insert a headphone to listen to music or to use your phone in handsfree mode.

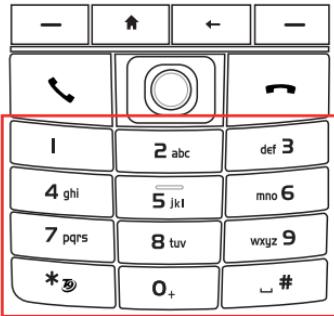
LED INDICATOR	STATUS
Steady red	Battery is charging.
Steady green	Battery is fully charged.
Flashing green	Signal/network detected.
Flashing blue	Bluetooth is set to "On" or "Discoverable."
Flashing red	Event alarm/notification

The Keypad



KEY	FUNCTION
	Home Press to return to the Home screen.
	Back Press to go back to the previous screen. Press to delete in a text field.
	Call / Send Press to answer a call or dial a number. Press twice to redial last number.
	End Press to end a call. Press and hold to lock the keypad.
	Left soft Use to select the command right above it on the screen. When the keypad is locked, press this key followed by the Asterisk key to unlock.
	Right soft Use to select the command right above it on the screen.
	4-way navigation Thumbstick Use this to move up, down, right, and left through selections on the display.
	Action Located in the Thumbstick, this button functions much like the Enter key on a keyboard. Press over the Thumbstick to confirm an action. When you scroll to a check box, pressing the Action button selects or clears the check box.

The Keypad (Cont.)



KEY	FUNCTION
	<p>Press to enter text and numbers. For more information see 7-1 Entering text and numbers.</p> <p>You can also use the alphanumeric keypad to select programs and settings on your Smartphone. Press the number on the keypad that corresponds to the number shown next to the program or setting that you want to select.</p>
	Press to switch between Multipress, numeric, Symbol, and T9 modes. When the keypad is locked, press the left soft key followed by this key to unlock the keypad.
	Press to enter a zero (0) in a text field. Press and hold to enter a plus (+) sign for making international calls.
	Press to enter a space in a text field. Press and hold to access the symbols menu to insert symbols in a text field.

1-3 Installing the SIM card and battery

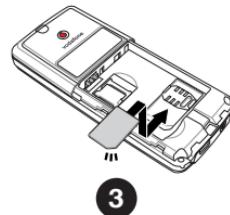
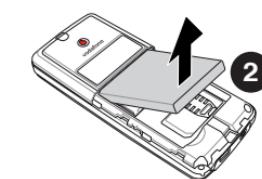
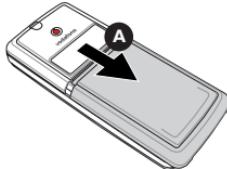
The phone operator provides you with a Subscriber Identity Module (SIM) card that stores your mobile phone number, phone book entries, or SMS/MMS messages.

NOTE

The SIM card usually comes embedded on a plastic card. Read the SIM card documentation before removing the SIM card. Remove any rough edges on the SIM card before you install it into the phone.

To install the SIM card

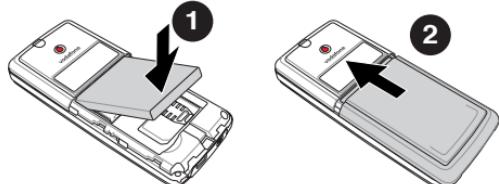
1. Remove the back cover by pressing down on the back cover release latch (A) and sliding it open in the direction of the arrow shown in the illustration.
2. Remove the battery by lifting up from the bottom edge.
3. With its nicked corner and its contacts face down, position the SIM card as shown.



4. Insert the SIM card into the slot.

To install the battery

1. Insert the battery as shown, aligning the exposed metal contacts on the edge of the battery with the contacts on the phone.
2. Slide the back cover onto your phone.



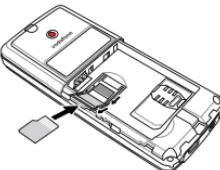
1-4 Installing and removing a micro SD card

To install / remove a micro SD card

1. Remove the back cover and battery (refer to the previous section).
2. You can find the micro SD card slot located above the SIM card slot. Slide the metallic lock of the slot to the left, and flip it open.

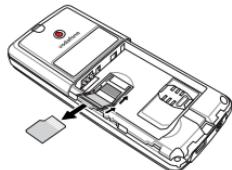
To install a micro SD card:

With the label side (usually the side with the card manufacturer's name) face up, and the barcode/serial number side face down, slide the card gently into the micro SD card slot.



To uninstall a micro SD card:

Slide the micro SD card out.



3. Flip the metallic lock of the micro SD card cover back into its position, and slide it to the right to lock the slot and secure the card.
4. Replace the battery and the phone cover (refer to the previous section).

CAUTION A micro SD card fits only in one orientation. DO NOT force the card into the slot!

1-5 Charging your Smartphone

Make sure that the battery is fully charged before using the phone for the first time. You can charge the battery when the phone is either on or off.

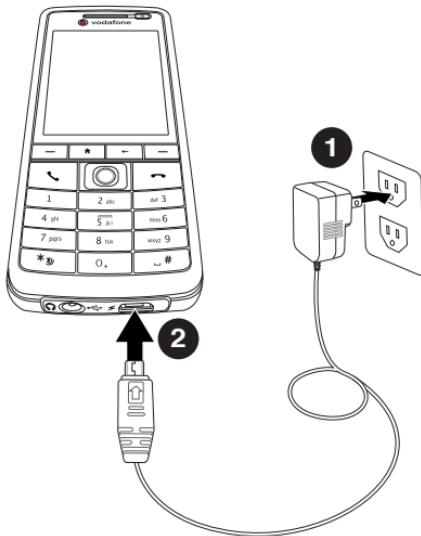
A battery icon on the screen indicates the battery power level. Refer to “Status indicator icons” in 2-2 Home screen for battery icon indications.

To charge the battery

1. Connect the AC adapter to a power source.
2. Connect the power cable plug to the power connector and the mini USB port.

NOTE The power LED lights up in red to indicate that the battery is charging and lights up green when the battery is fully-charged.

WARNING Do not use a different model of AC charger than the one supplied with your Smartphone or compatible. Doing so will create dangers of, among others, damages to your device, fire, and/or electrical shocks.

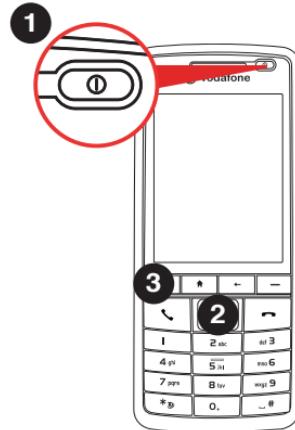


1-6 Turning your Smartphone ON/OFF

To turn ON your phone

1. Press and hold the **Power button**  for approximately three seconds until the display turns on.
2. If you are asked for a Personal Identification Number (PIN) code, key in the code using the keypad, then press **Action** . The screen shows the idle screen.

Wait for your operator and Microsoft screens to load.



To turn OFF the phone

Do any of the following:

- Press and hold the **Power button**  for approximately three seconds until the Windows Mobile® power off screen shows and wait for the display to turn off.
- Press and release the **Power button**  and select **Power off** from the Quick List screen.

Chapter 2 Learning to Use Your Smartphone

2-1 Navigating

Your Smartphone has several keys to help you navigate through your Smartphone's screens and make selections.

Thumbstick

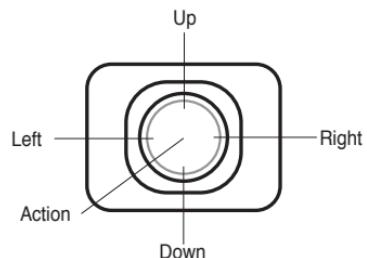
The Thumbstick is a small joystick with four positions, and provides an easy way to move or scroll through selections on the screen.

The primary use of the Up and Down positions is for navigation through contacts and menus. The primary use of the Left and Right positions is to change settings and edit text.

Action button

The action button functions like the Enter key on a keyboard. Press the action button to carry out the task associated to the item selected.

When you scroll to a check box, pressing the Action button selects or clears the check box.



Home key



The Home key takes you to the Home screen.

Back key

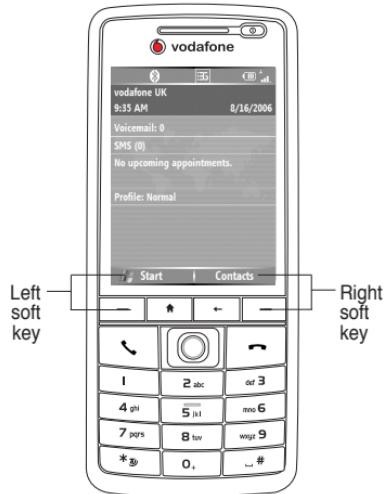


The Back key takes you to the previous screen. In a text field, the Back key deletes characters to the left of the cursor.

Soft keys

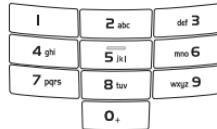


The two soft keys on your Smartphone are located directly below the display screen. Each soft key performs the action displayed right above it on the soft key bar. These two soft keys are context-sensitive, which means that the functions of these two keys may vary depending on conditions such as your current position in a menu, or the application being used.



Alphanumeric keypad

You can use the alphanumeric keypad to select programs and settings on your Smartphone. Press the number on the keypad that corresponds to the number shown next to the program or setting that you want to select.



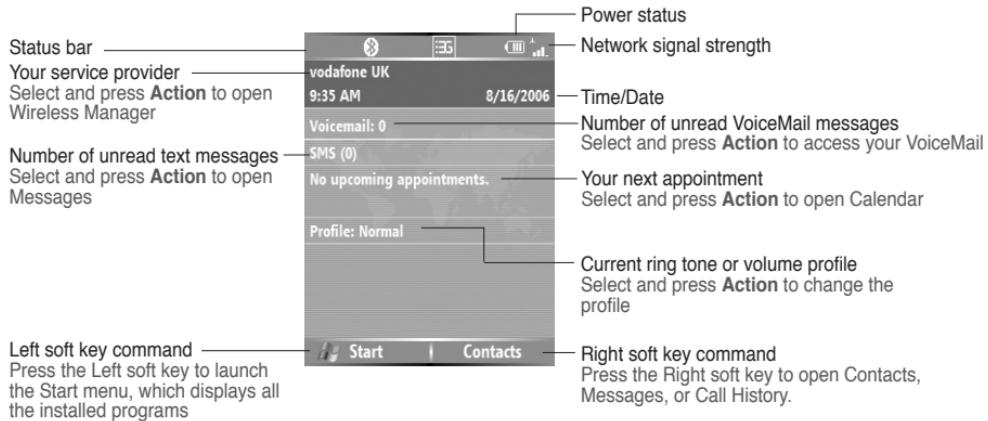
2-2 Home screen

The Home screen automatically displays when you turn on your Smartphone.

The top of the Home screen displays the status bar, battery status and network signal. The middle area of the screen shows the service provider, the time, number of new voicemail messages, the number of new text messages, your next appointment, and your current profile. Scrolling to any of these items and pressing **Action**  opens the associated program.

NOTE Pressing **Home**  at any time takes you back to this screen.

To customize the Home screen (layout, color scheme, background image), press **Start > Settings > Home Screen**.



Status bar icons

Status bar appear at the top of the screen and on the Home screen. The following table lists common status bar icons and their meanings.

	New e-mail		Signal strength		Multipress input mode, lowercase		Line 1
	New Voice Mail		No signal		Multipress input mode, uppercase		Line 2
	New sms		Ringer off		Multipress input mode, caps lock		VoiceMail line 1
	New instant message		Speakerphone		T9 text input mode, lowercase		VoiceMail line 2
	Voice call in progress		Vibration mode		T9 text input mode, smart case		Voicemail Lines 1&2
	Data call in progress		Roaming		T9 text input mode, caps lock		Voice Mail when multiline is not supported
	Calls are forwarded		Faulty / Missing SIM card		Numeric input mode		Call forwarding line 1
	Call on hold		Radio off / No service		Beaming data		Call forwarding line 2
	Missed call		Bluetooth		Sync connection error		Call forwarding lines 1&2
	Battery level		Bluetooth headset		Pending alarm		3G active
	Low battery		Bluetooth A2DP headset		GPRS available		
	Battery charging		1XRTT connection available		GPRS signal strength		
	No battery		1XRTT connection available and roaming		GPRS available and roaming		

2-3 Start menu

Your Smartphone comes with pre-installed programs that you can start using right away. These programs can be accessed from the Start menu.

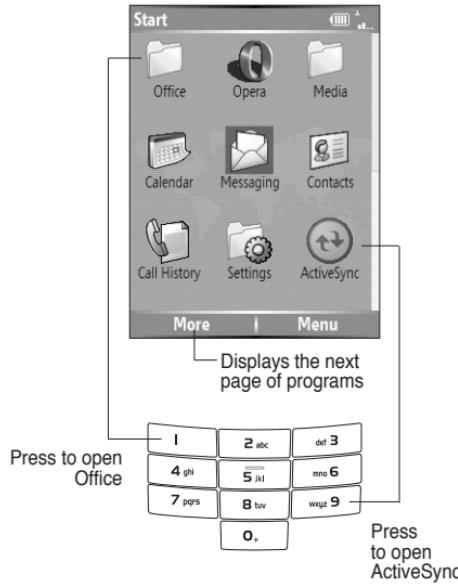
To use the Start menu

1. From the Home screen, press **Start** [—].
2. Do any of the following:
 - Scroll to a program using the Thumbstick and press **Action** (○).
 - Press the corresponding number on the alphanumeric keypad. For example, press **1** to open Office and **9** to open ActiveSync.

NOTE

You can add programs to the Start menu by downloading them from the internet on your PC and using ActiveSync to copy it to your phone.

To find programs, use File Explorer (**Start** [—] > **More** [—] > **File Explorer**) or Remove Programs (**Start** [—] > **Settings** > **Remove Programs**).

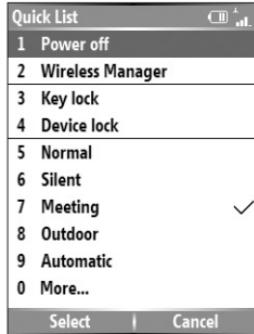


2-4 Quick List

The Quick List saves you time by providing quick and convenient access to a list of common commands, such as turning off the phone, locking the phone, turning off wireless capabilities, and changing the profile type.

To use the Quick List

1. Press and release the **Power button**  to display the Quick List.
NOTE: If you press and hold too long, the phone will turn off.
2. Select the command you want by doing one of the following:
 - Scroll to the item and press **Action** .
 - Scroll to the item and press **Select** .
 - Press the corresponding number on the alphanumeric keypad.
3. Press **Cancel**  to return to the Home screen.



QUICK LIST COMMAND	DESCRIPTION
Power off	Turns off the phone
Wireless Manager	Turns on/off the phone, wireless capability, or both.
Key lock	Locks the keypad to avoid dialing numbers or launching applications. To unlock the keypad, press Unlock  , then press the * key  .
Device lock	Select how soon your phone will lock after the last keypress.
Normal / Silent / Meeting / Outdoor / Automatic / Headset / Car / Speakerphone	Select to activate one of these preset profiles. A check mark indicates the current profile. To change profile settings, you need to go to Start > Settings > Profiles > Menu > Edit .

Chapter 3 Using Call Features

3-1 Making a voice call

Calling from the Home screen

To call from the Home screen

1. From the Home screen, key in the phone number you want to call using the alphanumeric keypad.
If you entered the wrong number, press **Back** to delete the last digit; press and hold to delete all digits.
2. Once you have entered the number, press **Send** to make the call.
3. Press **End** to end the call.



NOTE As you enter a phone number, the Smartphone searches the Contacts, Call History, and the Speed Dial lists to find a matching name and/or number. When you see the name or number of the person you want to call listed, select it using the Thumbstick.

To redial the last number called, press **Send** twice from the Home screen.

Calling a Contacts entry

To call a Contacts entry

1. From the Home screen, press **Contacts** .
2. Select the contact name to call by using the Thumbstick.

TIP To find a contact in a long list of contacts, you can enter the first few letters of the contact's name to narrow the search.

3. Press **Send**  to dial the default number assigned to the selected contact.

NOTE By default, the mobile telephone number (m) of a contact is dialed when you make a call from Contacts unless you specify otherwise.

To change the default number for a Contact

1. From the Home screen, press **Contacts** .
2. Select the contact whose default phone number you want to change.
3. Use the Thumbstick to change the default number. The letter to the right of the contact's name indicates the default number — m (mobile), w (work), or h (home).

Calling a number from the Call History list

To make a call from the Call History list

1. From the Home screen, press **Send**  or press **Start**  > **Call History**.
2. Select the number or name you want to call, then press **Send** .

Calling using speed dial

You can assign a key or combination of keys to frequently-called phone numbers or frequently-accessed items. You may choose Speed Dial entries from 2-99; Speed Dial 1 is reserved for Voice Mail access and the number is configured in your settings. You can create a Speed Dial for a phone number, a program on the Start menu, an E-mail address, or Web page address (URL) that is stored in Contacts.

NOTE You can create a speed dial only for a phone number, e-mail address, or Web page address that is stored in Contacts. You cannot create a speed dial for a contact stored in the SIM card.

To create a speed dial for a phone number, e-mail address, or URL address

1. From the Home screen, press **Start**  > **Contacts**.
2. Select a contact and press **Action**  to view the contact details.
3. Select the phone number, e-mail address, or URL address, for which you want to assign a speed dial and press **Menu**  > **Add to Speed Dial**.
4. Enter appropriate details in Name, Value, and Keypad assignment . In **Keypad assignment**, use the Thumbstick to select, or press **Action**  to view the full list of choices.
5. Press **Done** .

NOTE To quit at any time during this process, press **Menu**  > **Cancel**.

To make a call using speed dial

From the Home screen, press and hold the key assigned to the number you wish to call. If the speed dial assignment consists of two digits, press the first digit then press and hold the second digit.

To create a speed dial for an item on the Start menu

1. From the Home screen, press **Start** .
2. Select an item and press **Menu**  > **Add Speed Dial**.
4. Enter appropriate details in **Name**, **Value**, and **Keypad assignment**. In **Keypad assignment**, use the Thumbstick to select, or press **Action**  to view the full list of choices.
5. Press **Done** .

Making emergency calls

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

To place an emergency call

Enter the emergency number appropriate for your location and press **Send**.

Making international calls

To make international calls, enter the international prefix (+), followed by the country code and the rest of the phone number.

To place an international call

1. Press and hold **0**  on the keypad to enter a plus sign.
2. Enter the full phone number with the country code, area code, and phone number, then press **Send** .

3-2 Retrieving Voice Mail messages

From the Home screen, go to the **Voice Mail** item and press **Action**  or press and hold **1** . Follow the voice instructions to retrieve your messages.

3-3 Responding to a voice call

Depending on your settings, the phone rings, vibrates, or rings and vibrates when it receives an incoming call. When you receive a call, the screen displays the caller's name and phone number. If the caller is not in your Contacts list, the screen displays the number only. When you receive a phone call, you have the option to answer or ignore it.

To answer a voice call

Press **Answer**  or **Send** .

To ignore a voice call

Press **Ignore**  or **End** .

NOTE Selecting **Ignore**  or **End**  will divert the call to your Voice Mailbox if it is enabled. If it is not, the caller will hear a busy tone.

3-4 Options during a call

Listed in the table below are the possible menu options when a call is in progress. Some of these options are available only when multiple calls are in progress or during a conference call.

IN-CALL MENU OPTION	DESCRIPTION
Hold	Places an active call on hold.
Unhold	Activates a call that's on hold.
Mute on	Switches off the microphone during an active call (you can hear the caller but the caller can't hear you).
Mute off	Turns the microphone back on during an active call.
Speakerphone On/Off	Activates/deactivates the speakerphone. NOTE: You can also press and hold  during an active call to activate/deactivate the speakerphone function.
Conference	Joins together all existing calls if you have subscribed to this service.
Turn Hands-free On/Off	Activates/deactivates the hands-free function. This function is only available if your phone has been connected to a hands-free kit. When activated, the call will be redirected to the hands-free kit, allowing you to talk using the remote earphone/microphone set.
Contacts	Opens the Contacts list.
View Contact	Displays information about the caller.
View Calendar	Opens the Calendar program
Call History	Opens the Call History list.

Managing multiple calls

To answer another call

1. Press **Answer**  to place the first call on hold and answer the second call.
2. To end the second call and return to the first call, press **End** .

To hold a call and make a second call

1. Press **Hold**  to place the first call on hold and dial a second number. When you have finished the second call, press **End**  to take you back to the first call.

To switch between calls

To switch between two calls, press **Swap** .

To set up a conference call

With multiple calls in progress, press **Menu**  > **Conference**.

Chapter 3

Chapter 4 Synchronizing with ActiveSync

4-1 Microsoft ActiveSync

With the ActiveSync® technology, you can synchronize the information on your PC with the information on your Smartphone. Synchronization compares the data on your phone with your PC and updates both with the most recent information. You can also use synchronization to add new programs to your phone.

Before you can synchronize your phone with your PC, you need to complete the following steps:

1. Install ActiveSync on your PC.
2. Connect your phone to your PC.
3. Create a partnership between the two devices.

NOTE See the ActiveSync Help on your PC for more information about synchronization.

4-2 Installing ActiveSync on your PC

Install ActiveSync® from the Companion CD that came with your product package to your PC. ActiveSync® is already installed on your Smartphone.

NOTE Before starting the ActiveSync installation, make sure that you have Microsoft® Outlook® installed on your PC. If you do not have Outlook®, install the Microsoft® Outlook® from the Companion CD. If you have Outlook® 98 or Outlook® 2000 installed, you are encouraged to update to the Outlook bundled in the Companion CD. For more information see **Appendix A-3 PC requirements for ActiveSync 4.x**.

IMPORTANT Do not connect your phone to your PC until you have finished installing ActiveSync.

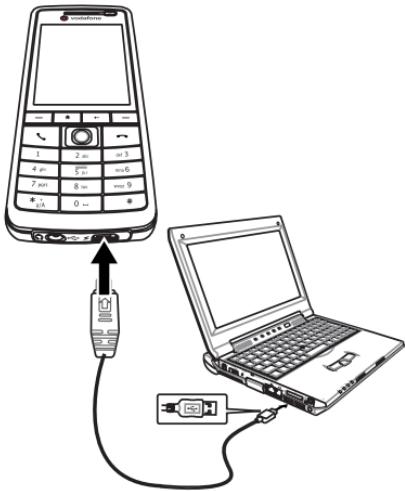
To install ActiveSync on your PC

1. Place the Companion CD into the optical drive of your PC and follow the on-screen instructions to install ActiveSync.
2. Click **Start Here** to display the Overview screen.
3. If you have not installed Outlook, install it now. Click **Install Outlook** and follow the on-screen instructions to complete the installation.
4. Click **Install ActiveSync**, then follow the on-screen instructions to complete installation.

4-3 Connecting your phone to your PC

To connect your Smartphone to your PC

1. When prompted, connect the appropriate end of the USB sync cable to the mini USB and power connector at the bottom of your phone and the other end to a USB port on your PC.
2. ActiveSync will autostart when it detects your phone, and the Smartphone Sync Setup Wizard will open.



4-4 Creating a partnership

The wizard steps you through the steps to create a partnership. In the Sync Setup Wizard, you can do the following:

- Create a synchronization relationship between your PC and the phone.
- Configure an Exchange Server connection to synchronize directly with Exchange Server. To synchronize your phone with Exchange Server, obtain the name of the Exchange Server, your user name, password, and domain name from your administrator before completing the wizard.
- Choose information types (Calendar, Contacts, Tasks, Outlook E-mail, favorites) to synchronize.

When you finish the wizard, ActiveSync synchronizes your phone automatically. Once synchronization completes, you can disconnect your phone from your PC. After the first synchronization, you will notice that the information from your PC that you selected now appears on your Smartphone.

4-5 Synchronizing with your PC

Changing information to synchronize

By default, ActiveSync does not automatically synchronize all Outlook information. You can use ActiveSync options to select specific information types for synchronization.

1. From the Home screen, press **Start**  > **ActiveSync**.
2. Press **Menu**  > **Options**.
3. Do any of the following:
 - Select the check box for the items you want to synchronize.
 - Clear the check box for any items you do not want to synchronize.
 - To customize synchronization to your PC, select the PC name then press **Menu**  > **Settings**.
 - To customize synchronization of a particular type of information, select the information type then press **Settings** .
 - To stop Synchronizing with your PC completely, select the PC name and press **Menu**  > **Delete**.

NOTE E-mail can be synchronized with only one PC.

Using the USB sync cable

To synchronize using an USB cable:

1. Connect the Smartphone to your PC using the USB sync cable.
2. ActiveSync should detect it automatically and start synchronizing. If not, from the Home screen, press **Start**  **ActiveSync**.
3. Press **Sync**  to start synchronizing.
4. Press **Stop**  to stop synchronization before it completes.

Using Bluetooth®

You can synchronize your phone with your PC using the Bluetooth wireless technology.

1. Follow the instructions in ActiveSync Help on the PC for configuring Bluetooth on your PC to support ActiveSync.
2. From the Home screen, press **Start**  **ActiveSync**.
3. Press **Menu**  **Connect via Bluetooth**. Ensure that the phone and PC are within close range.

NOTE If this is the first time you have connected to your PC using Bluetooth, you must complete the Bluetooth wizard on the phone and set up a Bluetooth partnership with the PC before synchronizing. For more information about setting up a Bluetooth partnership, see “Creating a Bluetooth partnership” in **6-5 Using Bluetooth**.

4. Press **Sync**.
5. When finished, press **Menu**  **Disconnect Bluetooth**. To preserve battery power, turn off Bluetooth.

4-6 Synchronizing with an Exchange Server

To set up an Exchange Server connection, you need to get the name of the server and the server domain name from your service provider or system administrator. You must also know your Exchange Server user name and password.

NOTE Before you change synchronization settings on the phone, disconnect it from your PC.

1. From the Home screen, if you have not set up the synchronization with Exchange Server, press **Start** [] > **ActiveSync** > **Menu** [] > **Add server source**; otherwise, press **Start** [] > **ActiveSync** > **Menu** [] > **Configure Server**.
2. In **Server address**, enter the name of the server running Exchange Server, then press **Next** [].
3. Enter your user name, password, and domain name, then press **Next** [].
If you want the phone to save your password so that you will not need to enter it again when connecting, select the **Save password** check box.
4. Select the check boxes for the types of information items that you want to synchronize with the Exchange Server.
5. To change available synchronization settings, select the type of information, then press **Menu** [] > **Settings**.
6. To change the rules for resolving synchronization conflicts, **Menu** [] > **Advanced**.
7. Press **Finish** [].

4-7 Creating a synchronization schedule

You can create a schedule for automatically synchronizing information on your Smartphone with your PC or with Microsoft® Exchange Server.

To set up a synchronization schedule with your PC, you must use ActiveSync on the PC. For more information on synchronization, see ActiveSync Help on the PC.

To set up a synchronization schedule with an Exchange Server server, you must use ActiveSync on your phone. See the next section for details.

Scheduling synchronization

Before changing synchronization settings on the phone, disconnect the phone from your PC.

NOTE The first time you use ActiveSync you may need to click in the link **set up your device to sync with it** from ActiveSync main screen.

To schedule a synchronization

1. From the Home screen, press Start > ActiveSync > Menu > Schedule.
2. Do any of the following:

TO SYNCHRONIZE	DO THIS
Automatically as items arrive.	Under Peak times , select As items arrive . It's more cost-efficient to synchronize on at regular intervals when mail volume is high. Under Off-peak times , select As items arrive . This can be more cost-efficient than synchronizing on a regular schedule when mail volume is low.

TO SYNCHRONIZE	DO THIS
When you are working, or with a high volume of e-mails.	Select an appropriately frequent interval in the Peak times list.
When e-mail volume is low.	Select a longer interval or As items arrive in the Off-peak times list.
While roaming	Select the Use above settings while roaming check box. To minimize roaming charges, clear the check box, and synchronize manually while roaming.
When you press Send in Messaging on the phone	Select the Send outgoing items immediately check box.

NOTE To change peak time settings to accurately adjust to periods of e-mail volume, press **Menu** [–] > **Peak Times**.

4-8 Remote synchronization

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

To synchronize remotely, you need to set up a connection first then configure your phone. For more information on remote synchronization, see the ActiveSync Help on the PC.

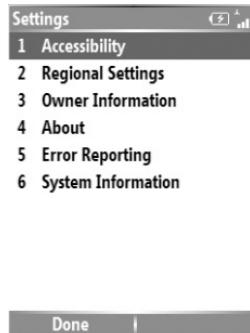
Chapter 5 Managing Your Smartphone

5-1 Personalizing your Smartphone

Settings screens

You can view and change the settings on your Smartphone to make it look and behave according to your preferences. This includes changing the Home screen layout, or adding your own ring tone. You can also set options for received calls, call forwarding or call waiting.

From the Home screen, press **Start**  > **Settings** to display the Settings screen.



NOTE

Select **More** in the first Settings screen to access the second one.

Personalizing your Home screen

To personalize your Home screen

1. From the Home screen, press Start  > Settings > Home Screen.
2. Make your desired changes and press Done .

To personalize the background's image

1. From the Home screen, press Start  > Media > Pictures & Videos.
2. Select an image to use as the background and press Action .
3. Press Menu  > Use as Home Screen.
4. Use the Thumstick to select the display area and press Next .
5. Use the Thumstick to adjust the transparency and press Finish .

Setting the date, time, and alarm

To set the date and time

1. From the Home screen, press Start  > Settings > Clock and Alarm > Date and Time.
2. Enter the correct information and press Done .

To set an alarm

1. From the Home screen, press Start  > Settings > Clock and Alarm > Alarm.
2. Enter the correct information and press Done .

Changing regional settings

To change regional settings

1. From the Home screen, press **Start**  > **Settings** > **More** > **Regional Settings**.
2. In **Language**, select your preferred language for the phone interface and menus.
3. In **Locale**, select your current location. The Locale option automatically changes the format of the remaining options, such as date, time, and currency, to reflect those used in that locale.
4. Press **Done**  when finished.

NOTE Restart the Smartphone to activate the new language settings.

Changing profile settings

A profile determines how you get notified of events such as incoming calls, upcoming appointments, and new messages. Your current profile is displayed on the Home screen.

To change the current profile

To switch to a different profile, press and release the **Power Button**  and scroll to the desired profile in the Quick List screen then press **Select** . To open the second page of the Quick List screen for more profile options, select **More**.

NOTE When profile is set to **Automatic**, your phone automatically switches to Silent mode whenever you have a meeting set up in Calendar.

To modify a profile

1. From the Home screen, press **Start**  > **Settings** > **Profiles**.
2. Scroll to the profile you want to change, press **Menu** , and select **Edit**.
3. Change the settings and press **Done** .

NOTE To restore the default settings of a profile, press **Menu**  and select **Reset to default**.

Customizing sounds for ring tones

Use Sounds settings to customize the sounds for ring tones, notifications, reminders, alarm clock, alert, and key tones. The phone comes with 12 pre-installed polyphonic ring tones from which you can choose.

To change the sound

1. From the Home screen, press **Start**  > **Settings** > **Sounds**.
2. Highlight the item you want to change.
3. Do any of the following:
 - Use the Thumstick to select a different sound.
 - Press **Action**  to open the Select an Item screen.

To use your own sound

1. Locate the sound file on your PC and copy it.

NOTE Refer to the specifications table for a list of accepted sound formats.

2. Connect your phone to your PC.
3. Open ActiveSync on your PC and click **Explore**.
4. Go to the **Application Data\Sounds** folder on your Smartphone and paste the file.
5. From the Home screen of your phone, press **Start**  > **Settings** > **Sounds**.
6. Highlight the item to customize, using the Thumstick to find the sound file.

Entering your contact information

The Owner Information screen is for entering and displaying personal information, such as your name, phone number, and e-mail address. We recommend that you enter your information in case your phone is lost.

To enter owner information

1. From the Home screen, press **Start**  > **Settings** > **More** > **Owner Information**.
2. Enter your details and press **Done** .

5-2 Improving performance

Changing accessibility settings

To change accessibility settings

1. From the Home screen, press **Start**  > **Settings** > **More** > **Accessibility**.
2. You may set your preferences for the following:

System font size: Sets the size of the displayed text as “normal” or “large”.

NOTE System font size only affects submenus. The main screen or the text below icons is not affected.

Multipress time out: Set the length of time to wait between keypresses when entering text in Multipress mode.

Confirmation time out: Set the delay before an unconfirmed action times out.

In-call alert volume: Set the volume for incoming call or receiving new message alerts while you are on the phone.

3. Press **Done**  when finished.

Changing power settings

Use Power Management to check the battery level and to configure power-saving settings, such as backlight and display time-outs.

1. From the Home screen, press **Start**  > **Settings** > **Power Management**.

The first item is the **Main battery** indicator. It shows how much power is left in the battery. This item is not adjustable.

2. You may set your preferences for the following:

Backlight time out on battery: Sets the amount of time for the phone to be idle before the backlight turns off.

Backlight time out on AC: Sets the amount of time for the phone to be idle before the backlight turns off when using AC power.

Display time out: Set the time limit for the phone to be idle before the screen turns off.

3. Press **Done**  when finished.



5-3 Turning on/off wireless mode

To turn on/off Bluetooth

Do any of the following:

- Press and release the **Power button**  to display the Quick List screen and select **Wireless Manager**. Select **Bluetooth** and press **Action** .
- From the Home screen, press **Start**  > **Settings** > **Connections** > **Bluetooth**. Select **On**, **Discoverable**, or **Off**.

To turn on/off radio mode

Press and release the **Power button**  to display the Quick List screen and select **Wireless Manager**. Select **All** and press **Action**  to toggle between on and off mode.

NOTE Turn off all radio interfaces of your phone when on an aircraft or in a hospital. You will not be able to make calls or send messages/emails but will still be able to use the organizer functions of your phone.

5-4 Keeping your Smartphone secure

Customize the level of security you want your phone to have by locking the keypad, the SIM card, or the entire phone.

Locking the keypad and multimedia player controls

To lock the keypad

Press and release the **Power button**  to display the Quick List screen and select **Key lock**.

To unlock the keypad

Press **Unlock** , and within 5 seconds press the ***** key .

Locking the SIM card

Locking the SIM card prevents you and others from using the Smartphone until the correct password is entered.

NOTE

You can still make emergency calls even with a blocked SIM card.

If your SIM card is blocked, you need to enter your PIN password after you turn on the phone.

To lock the SIM card and set the PIN

1. From the Home screen, press **Start**  > **Settings** > **Security** > **Enable SIM PIN**.
2. Enter the password (SIM card's PIN), then press **Done** .

Once the PIN is enabled, your Smartphone will ask you to enter the PIN whenever you turn it on.

To unlock the SIM card

1. From the Home screen, press **Start**  > **Settings** > **Security** > **Disable SIM PIN**.
2. Enter the password (SIM card's PIN) and press **Done** .

To change the PIN

1. From the Home screen, press **Start**  > **Settings** > **Security** > **Change SIM PIN**.
2. Enter the original PIN code.
3. Enter and confirm the new PIN, then press **Done** .

To change PIN2

1. From the Home screen, press Start  > Settings > Security > Change PIN2.
2. Enter the original PIN2 code (SIM card's PIN2).
3. Enter and confirm the new PIN2, then press Done .

Locking the phone

To lock the phone

1. Do any of the following:
 - From the Home screen, press Start  > Settings > Security > Device Lock.
 - Press and release the Power button  to display the Quick List screen and select Device lock.
2. Select the **Prompt if device unused for** check box by pressing Action .
3. Scroll down to the field below and select the amount of time for the phone to be inactive before it locks automatically.
4. In **Password type**, select the type of password you want to use.
5. Enter and confirm your password, then press Done .

Controlling outgoing calls

Fixed dialing allows you to restrict your outgoing calls to selected phone numbers.

NOTE

Ask your service provider if your SIM supports this feature.

When this function is active, you can only call those phone numbers that are included in the fixed dialing list. Call barring, on the other hand, blocks certain types of call. Before you can use it, you must set up a Fixed dialling list.

1. From the Home screen, press Start  > Settings > Phone > Fixed Dialing.
 2. Select **Enable fixed dialing** by pressing Action  then press Done .
 3. Enter your PIN2, then press Done . Once fixed dialing has been turned on, you can begin to store fixed dialing numbers.
-

NOTE Contact your service provider if you do not know your PIN2 number.

4. Press Menu  > Edit Numbers.
5. Press Menu  > Add and enter the phone number to add to your fixed dialing list.
6. Press Done .
7. Repeat steps 2 and 3 to add more numbers.

Blocking incoming/outgoing calls

NOTE Emergency calls can still be made with Call Barring on.

1. From the Home screen, press Start  > Settings > Phone > Call Barring.
2. In **Block incoming calls**, select Off, When roaming, or All calls.
3. In **Block outgoing calls**, select Off, Int'l except to home, Int'l calls, or All calls.
4. Press Done .

5-4 Setting network options

To change the phone network, press Start  > Settings > Phone > GSM/3G Networks. You may choose between GMS, 3G or automatic, which automatically detects your network every time you power on your phone.

NOTE Changes on the network will only take effect after the phone has been restarted. Restart your Smartphone to apply changes.

5-5 Restarting your phone

Occasionally, you may need to restart your phone; for example, when a program is not performing properly or the phone does not respond to key presses.

To restart the phone

1. Remove the battery.
2. Reinsert the battery and turn on your phone.

5-6 Resetting your phone

Resetting your phone will remove all data from memory and restore the phone back to the factory default settings.

NOTE When you reset your phone, all data entered in your device including all files, system settings, and additional programs you have installed, will be erased.

To reset your phone

1. From the Home screen, press **Start**  > **More**  > **Tools** > **Default Settings**.
2. Enter **1234** to confirm that you want to restore default settings and press **OK** .

The phone restarts automatically after it has been reset.

5-7 Adding and removing programs

You can use ActiveSync to add programs to your phone or add a program directly from the Internet.

To add programs

1. Download the program to your PC.
2. Read the installation instructions or documentation that come with the program.
3. Connect your phone to your PC.
4. Double-click the w.exe file.
 - If the executable file is an installation wizard, follow the instructions on the screen. Once the program has been installed on your PC, the wizard will automatically transfer the program to your phone.
 - If the installation wizard does not start and will see an error message stating that the program is valid but that it is designed for a different type of PC. Copy this program to your phone. If you cannot find any installation instructions for the program, use ActiveSync to copy the program file to the Program Files folder on your phone.

To remove a program

NOTE Programs that come with the phone cannot be removed..

1. From the Home screen, press **Start**  **> Settings > Remove Programs**.
2. Scroll to the program to remove.
3. Press **Menu**  **> Remove**.

5-8 Managing and backing up files

There are a couple of ways to manage your files. You can use the File Explorer on your Smartphone or use ActiveSync on your PC.

You can back up files to your PC using ActiveSync or copy files to a storage card on your phone. You can also efficiently manage your files and folders using the File Explorer program on your phone. Changes you make to the information on one PC will not affect the information on the other PC. If you want to automatically update information on both your phone and PC, synchronize the information instead. For more information about copying and synchronizing files, see ActiveSync Help on your PC.

To copy a file using ActiveSync

Copying a file results in separate versions of a file on your phone and PC. Because the files are not synchronized, changes made to one file will not affect the other.

1. Connect your phone to your PC.
2. In ActiveSync, click **Explore**.
3. Go to the file that you want to copy on your phone or PC.
4. Do any of the following:
 - To copy the file to your phone, right-click the file, and click **Copy**. Right-click the desired folder on your phone, and click **Paste**.

NOTE To copy files to a storage card, insert a micro SD card (see **1-4 Installing and removing a micro SD card**).

- To copy the file to your PC, right-click the file and click **Copy**. Right-click the desired folder on your PC, and click **Paste**.

Using File Explorer

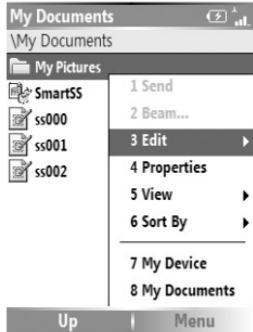
File Explorer allows you to manage the files and folders on your phone just like you do in your PC.

To start File Explorer

From the Home screen, press **Start** ➤ **More** ➤ **File Explorer**.

Once in the File Explorer application, you can do the following:

TO	DO THIS
Create a new folder	Press Menu > Edit > New Folder . Enter a name for the new folder and press the Action button.
Rename a file or folder	Select the file or folder that you want to rename, then press Menu > Edit > Rename .
Delete a file or folder	Select the file or folder that you want to delete, then press Menu > Edit > Delete .
Beam a file	Select the file to send and press Menu > Beam . Select the target device and press Beam .
Send a file by e-mail	Select the file to send and press Menu > Send > Outlook E-mail . The Outlook E-mail screen opens with the selected file already attached.
Display information of a file or folder	Select the file or folder, then press Menu > Properties .
Sort files and folders	Press Menu > Sort By , and select a sort option.
Move a file or folder from one location to another	Select the file or folder to move and press Menu > Edit > Cut . Go to the new location and press Menu > Edit > Paste .
Duplicate a file or folder	Select the file or folder to duplicate and press Menu > Edit > Copy . Go to the new location and press Menu > Edit > Paste .



Chapter 6 Getting Connected

You can set up connections to your ISP or a office network to browse the Internet or Intranet, send and receive email, chat using the MSN Messenger® software, and synchronize information using the ActiveSync® technology. Check with your Internet Service Provider to see if a connection has already been set up for you, and if over-the-air configuration is supported.

6-1 Connecting to the Internet

From the Home screen, press **Start**  **> Settings > Connections** to open the Connections screen. The Connections settings allow you to set Dial-up, Virtual Private Network (VPN), Bluetooth, Proxy, or General Packet Radio Service (GPRS) connections.

Dial-up connection

To create a Dial-up connection

Every network connection is different. Gather all relevant information or network settings you need before starting this process.

1. From the Home screen, press **Start**  **> Settings > Connections > Dial-up**.
2. Press **Menu**  **> Add**.
3. Enter the appropriate information.

NOTE The field **Connects to** contains different connection preferences. Select **The Internet** to connect directly to the Internet, **Work** to connect to your office network, **WAP Network** to connect to a Wireless Application Protocol network, **Secure WAP Network** to connect to secure WAP sites, such as a bank, or **MMS Network** to connect to a predefined MMS data network (to change MMS Network settings go to Start - Messaging - MMS - Menu - MMS Settings - MMSC Settings - Menu - Edit).

4. Press **Done** .

GPRS, Proxy, and VPN connections

You can create GPRS, Proxy, and VPN connections using the same procedure as the previously described for Dial-up connections.

GPRS connection

GPRS is a high-speed transmission through the mobile phone network, which provides permanent online connection. Apply for GPRS service from your service provider to be able to connect via GPRS.

Proxy connection

If you are connected to your ISP or private network during synchronization, your Smartphone should download the proper proxy settings from your PC. If these settings are not on your PC or need to be changed, ask your Internet Service Provider or network administrator for the proxy server name, server type, port, type of Socks protocol used, and your user name and password. A proxy connection is used to access the Internet using an existing connection via your office network.

VPN connection

A VPN connection allows you to securely connect to servers, such as a office network, using an existing Internet connection. Ask your network administrator for your user name, password, domain name, TCP/IP settings, and host name or IP address of the VPN server.

Changing option settings

The options screen allows you to specify the number of redial attempts, time to wait before disconnecting, and how your PC connects to the network.

To access the Options screen

1. From the Home screen, press Start > Settings > Connections.
2. Press Menu > Advanced > Menu > Options.

Adding a URL exception (Only for Internet Explorer Mobile)

Some companies use periods in their Intranet URLs (for example, Intranet.companyname.com). A Work URL exception tells the application Internet Explorer® Mobile to look in the Work network to find the URL instead of searching the Internet.

To add a URL exception

1. From the Home screen, press Start > Settings > Connections.
2. Press Menu > Advanced > Menu > Work URL Exceptions.
3. Press Menu > Add.
4. In URL Pattern, enter the URL, then press Done .

NOTE

- Separate multiple URLs with a semicolon (;).
 - You should not create URL exceptions for URLs on the Internet.
-

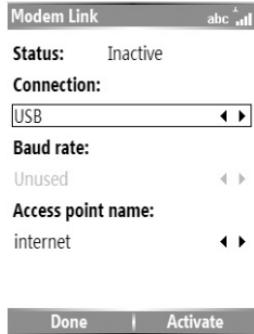
6-2 Using your phone as an external modem

Modem Link allows you to use your Smartphone as an external modem for your PC or another device (e.g. a PDA) using an USB connection.

Setting up a USB connection

To set up a USB connection.

1. Make sure that your phone is not connected to another device and ActiveSync is disabled on your PC. Go to **File > Settings > Connection Settings** and deselect the **Allow USB connections** checkbox.
2. From the Home screen, press Start **[]** > More **[]** > Tools > Modem Link.
3. In **Connection**, select **USB**.
4. To set up a GPRS connection, enter the **Access point name**, which you can obtain from your Service provider.
5. Connect your Smartphone to the PC using the USB sync cable and insert the Companion CD into your PC's CD-ROM drive.
6. Press **Activate** **[]** then press **Done** **[]**.
7. Insert the Companion CD into the CD-ROM drive of your PC. The installation of the USB driver will start automatically. If needed, click **Browse** and choose the CD drive and root folder where the modem driver is located on the CD.
8. Click **Next** and wait for the installation to complete.



9. Press **Finish**.

The following operations are done on your PC:

10. Click **Start > Settings > Control Panel > Phone and Modem Options**.

11. Click the **Modems** tab, select the new modem from the list, and click **OK**.

12. To set up a GPRS connection, double-click the **USB Modem Dialer** file on the CD and enter the **Access point name**.

13. Click **Dial**.

NOTE To deactivate the modem link, press **Menu > Deactivate**.

6-3 Using Opera for Windows Mobile

You can use the Opera® browser to connect to the Internet through an ISP or a network connection to browse the Web.

NOTE Make sure that you have set up your Smartphone's connection (see **6-1 Connecting to the Internet**).

Getting started

Opening Opera Browser

From the Home screen, press **Start**  **> Opera**.



Use the Thumbstick and softkeys to navigate through the application.

TO	DO THIS
Change connection options	1. Press Menu > Tools > Settings > Connections . 2. In the Network field, select the default network connection.
Manage bookmarks	1. Press Menu > Tools > Manage bookmarks . 2. Press Menu to Add, Edit or Delete a bookmark. You can also create a folder and import favorites from Internet Explorer.
Go to a Web page	Press Menu > Go to enter or change the page address. Type in the address, then press ok to open the page. You can also use this screen to access the Bookmarks and History folders.
Open multiple windows	Press Menu > Windows > New Window
Change the size of text on Web pages	Press Menu > Display > Zoom and select the size you want.
Show or hide pictures on Web pages	Press Menu > Display > Load Images to Select (Show) or Deselect (Hide) this function.
View a page in full screen mode	Press Menu > Display > Full Screen .
Exit full screen mode	Press one of the soft keys to automatically return to a normal screen mode.
Change Web page display options	Press Menu > Display . Select one of the display options.
Save images and set image as a wallpaper	1. Press Menu > Display > Image mode to activate this function. 2. Press Menu again to display the following options: Save image: You can change the name and location of the image to save. Set as wallpaper: This function sets the current image as the wallpaper for the main screen.

6-4 Using Internet Explorer Mobile

You can use the application Internet Explorer® Mobile to browse mobile favorites and channels that have been downloaded to your device without connecting to the Internet. You can also connect to the Internet through an ISP or a network connection to browse the Web.

NOTE Make sure that you have set up your Smartphone's connection (see **6-1 Connecting to the Internet**).

Opening Internet Explorer Mobile

To open Internet Explorer

From the Home screen, press **Start** [] > **Media** > **Internet Explorer**.

With Internet Explorer Mobile, the Favorites list is displayed as the main screen instead of a home page, so you can easily go to your favorite Web sites. You can add Web sites that you visit frequently to this list.



TO	DO THIS
Change connection options	<ol style="list-style-type: none"> Press Menu > Tools > Options > Connections. Do any of the following: <ul style="list-style-type: none"> To allow Internet Explorer to select network settings, select Automatically detect settings. To manually choose network settings, in Select network, select the network to which Internet Explorer should connect.
Manage favorites	From any Web page, press Favorites . From the favourites screen, select Menu to Add, edit or delete favorites.

TO	DO THIS
Go to a Web page	In Internet Explorer, press Address Bar . Enter the Web page address and press Go .
Go to a Web page in the History list	Press Menu > History . Select a Web page, and click Go.
Clear history, cookies, or temporary files	Press Menu > Tools > Options > Memory .
Add a Web page to the Favorites list	From the Web page that you want to add, press Menu > Add to Favorites .
Change the size of text on Web pages	Press Menu > Zoom and select the size you want.
Show or hide pictures on Web pages	Press Menu > View > Show Pictures . A check mark next to Show Pictures indicates that pictures will be displayed on Web pages.
View a page in full screen mode	Press Menu > View > Full Screen .
Exit full screen mode	Press one of the soft keys, then press Menu > View > Full Screen to cancel the selection.
Change Web page display options	Press Menu > View . Select one of the display options.
Create a new folder in Favorites	Press Favorites > Menu > Add Folder .
Move a favorite to a folder	Press Favorites . Select the favorite to move. Press Menu > Edit . Under Folder , scroll to the folder to which you want to move the favorite and press Done .
Send a link via e-mail	Go to the Web page you want to send and press Menu > Tools > Send Link via E-mail . Select Text Messages or Outlook E-mail .



6-5 Using Bluetooth

The Bluetooth® technology is a short-range wireless communications tool that allows you to communicate with other devices, such as headsets, printers, PCs, GPS receivers, and other users' mobile devices. Devices with Bluetooth capabilities can exchange information without requiring a physical connection. You do not need to physically line up devices to exchange information through Bluetooth. The devices only need to be within a range of about 10 meters (30 feet) in an open space environment. You can even beam information to a device in a different room, as long as it is within the specified range.

Setting the Bluetooth mode

By default Bluetooth is turned off. If you turn it on, then turn off your phone, Bluetooth also turns off. When you turn on your phone again, Bluetooth turns on automatically.

To set the Bluetooth mode

1. From the Home screen, press **Start**  > **Settings** > **Connections** > **Bluetooth**.
2. Select **On**, **Off**, or **Discoverable**, then press **Done** .

NOTE

You can also turn Bluetooth on and off using the **Power button**  to access the Quick List and **Wireless Manager**. Select **Bluetooth** (if not selected by default) and press **Menu**  > **Bluetooth Settings** to set Bluetooth mode or select **Bluetooth** and press **Action**  to toggle Bluetooth on and off.

BLUETOOTH MODE	DESCRIPTION
On	The Bluetooth radio is turned on and you can use Bluetooth features.
Off	The Bluetooth radio is turned off. You might want to turn the radio off at times to conserve battery power, or in situations where radio use is prohibited, like airplanes or hospitals.
Discoverable	The Bluetooth radio is turned on, and other Bluetooth devices within range (about 10 meters) can detect your phone.

Creating a Bluetooth partnership

Before your phone can communicate with another device, you need to create a partnership between your phone and the other Bluetooth-enabled device. Your phone can create partnerships with up to 10 other Bluetooth devices.

To create a Bluetooth partnership

1. Ensure that the two devices are within close range and that both Bluetooth-enabled devices are discoverable.
2. From the Home screen, press **Start**  **> Settings > Connections > Bluetooth**.
3. Press **Menu**  **> Devices** **> Menu**  **> New**. Your phone searches for other Bluetooth-enabled devices and displays them in the list.
4. Select the device with which you want to create a Bluetooth partnership, then press **Next**.
5. Enter a personal identification number (PIN) (maximum of 16 characters), then press **Next** .
6. Enter the same PIN on the other device.

NOTE Once a partnership is created, the devices need only to be turned on and within range to exchange information.

Pairing with a Bluetooth headset

- From the Home screen, press **Start** → **Settings > Connections > Bluetooth** and set Bluetooth On.
- Turn on your Bluetooth headset and bring it to within 10 meters of your Smartphone.
- Put your Bluetooth headset into pairing mode. Refer to your headset's user manual for instructions.
- Press **Menu** → **Devices** > **Menu** → **New**.
- Select the Bluetooth headset on the Add Devices list then press **Next**.
- Enter the passkey provided in the headset user manual.

Bluetooth functions

TO	DO THIS
Beam information using Bluetooth	Make sure that Bluetooth is turned on and that the device that you want to beam to is discoverable. Select the item that you want to beam and press Menu > Beam [item] . Select the Bluetooth device to which you want to beam the item and press Beam .
Accept a Bluetooth partnership	Make sure that Bluetooth is turned on and that your phone is discoverable. When prompted to accept a Bluetooth partnership with the other device, press Yes . In PIN , enter a personal identification number (PIN) between 1 and 16 characters, then press Done . You must enter the same PIN that was entered on the device requesting the Bluetooth partnership.
Receive beamed information	From the Home screen, press Start > Settings > Connections > Beam . Select Receive incoming beams . Ensure Bluetooth is turned on and that your phone is discoverable and within close range, then press Yes .
Rename a Bluetooth device	From the Home screen, press Start > Settings > Connections > Bluetooth > Menu > Devices . Select the Bluetooth device to rename and press Menu > Rename . In Name , enter a new name for the Bluetooth device, then press Done .
Synchronize using Bluetooth	From the Home screen, press Start > ActiveSync > Menu > Connect via Bluetooth . See "Using Bluetooth" in 4-5 Synchronizing with your PC for more information.
End a Bluetooth partnership	From the Home screen, press Start > Settings > Connections > Bluetooth > Menu > Devices . Select the Bluetooth device you want to end the partnership with and press Menu > Delete .

TO	DO THIS
Specify a folder for received images from the Image server	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Image . In Default image directory , enter the desired directory for storing received images.
Open received images from the Image server in the image viewer	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Images . Select the Open received images check box.
User server authorization for images	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Images . Select the Use server authorization check box if required by the server.
Save a thumbnail version of received images in the same folder as the received images	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Images . Select the Request thumbnail check box.
Configure security for Bluetooth use	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Security .
Specify a folder on your phone to share with another Bluetooth device	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > File Transfer . In Root directory , enter the path to the folder. Select the Use server authorization check box if authorization is required each time a remote client wants to connect.
Configure a Bluetooth printer	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Printer .
View the status of individual printing jobs	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Printer . Press Menu > Status .
Configure your identification information	From the Home screen, press Start > Settings > Connections > Bluetooth Profiles > Identification . By deselecting Use device name as bluetooth name you will be able to set a user-defined name for the device. The Bluetooth address can also be seen on this screen

Chapter 7 Messaging

Your Smartphone is capable of composing, sending, and receiving Outlook e-mail, Internet e-mail, Multimedia Messaging Service (MMS) messages, and text messages.

7-1 Entering text and numbers

You can enter text and numbers by using the keypad. The phone supports three input modes for entering text and numbers: **Multipress**, **T9**, and **Numeric**. Multipress and T9 modes are used for entering text, and Numeric mode is used for entering numbers. When you select a field that requires text or numbers, the phone automatically selects the appropriate input mode. The status indicator on the upper right side of the display screen shows the input mode that is currently active.

To change the input mode

1. Press and hold .
2. Select the input mode and press **Action** .

The status indicator for the selected input mode appears at the top right corner of the screen.

NOTE Check the “**Other useful features**” table later on this section to learn how to key in punctuations and other special characters.

INDICATOR	INPUT MODE
	Multipress text input mode, lowercase
	Multipress text input mode, smart case
	Multipress text input mode, caps lock
	T9 text input mode, lowercase
	T9 text input mode, smart case
	T9 text input mode, caps lock
	Numeric input mode

Using Multipress mode

Multipress mode allows you to enter text by pressing the assigned key once, twice quickly, or so until your desired character appears. For example, to enter the letters P, Q, R, or S, use the **7 key** . Press once for P, twice for Q, three times for R, and four times for S. The letter entered most recently is underlined until you have completed the keypresses for the letter and moved on to the next letter.

In Multipress mode, you can lock in a letter in several ways: move the Thumbstick to the right, press the **space key** , or simply pause for about one second.

To Change the Multipress time out

From the Home screen, press **Start**  > **Settings** > **More**  > **Accessibility**. In **Multipress time out**, select the length of the pause between key presses.

Using T9 mode

To form a word in T9 mode, press the numeric keys that contain the letters you want. As you enter letters, T9 analyzes your keypresses and attempts to complete the word. For example, to enter the word “today”, press **8** 6 3 2 9 .

To enter text in T9 mode

1. Press and hold the ***** key  and select **T9**. The T9 indicator appears at the top of the screen.
2. Enter letters and numbers by pressing the keys on which they appear. Press a key only once for each letter. If there is more than one choice in the T9 dictionary for your entry, a list of available words is displayed.

NOTE Press the **# key**  to enter a space after the word as entered, or select one of the available words, and the space is added automatically.

If you do not see the desired word, select **Add Word?** from the list, then press **Action** . Press **Done** to add the word to your text and save it in the phone's dictionary, or **Cancel** to add the word to your text without saving it.

Using Numeric mode

Use the numeric mode to enter only numbers. If you need to enter a number within a line of text, change to Numeric mode to enter the number, then change back to Multipress or T9 mode to finish entering the text.

1. When necessary, press and hold the *** key**  to access the Numeric mode.
2. Enter the number or numbers you want using the keypad.
3. Press and hold the *** key**  to change back to Multipress or T9 input mode, and finish entering your text.

NOTE If a field permits a numeric entry only (e.g. as a phone number) the input mode automatically defaults to Numeric mode.

Other useful features

TO	DO THIS
Change between uppercase, lowercase, and caps lock	Press the * key  within a text input mode. The status indicator for the selected mode appears at the top right corner of the screen.
Enter a space	In Multipress or T9 mode, press the # key  .
Enter punctuation in Multipress mode	Press the 1 key  repeatedly until you see the punctuation mark that you want. To see all of the available symbols, press and hold the # key  .
Enter punctuation in T9 mode	Press the 1 key  , and select from a list of common punctuation symbols.
Enter a symbol	Press and hold the * key  . Select Symbols to display the Symbol screen. Select the symbol you want and press the Action  .
Enter the plus sign for international calls	In a numeric entry field, press and hold the 0 key  .
Start a new line	In a multi-line text box such as the notes area of a contact or a calendar appointment, press the Action  button. This works in any input mode.
Backspace and delete a single character in any input mode.	Press the Back key  .
Backspace and delete an entire text or numeric field in any input mode.	Press and hold the Back key  .

7-2 Setting up accounts

Before you can send and receive e-mails, you need to set up an e-mail account from an Internet service provider (ISP) or an account that you access using a VPN server connection (typically a work account). You can send e-mail messages by synchronizing or by connecting directly to an E-mail server through your Internet service provider or a office network.

NOTE Before you set up e-mail on your Smartphone, you must have an Internet or e-mail account.

To set up an e-mail account

1. From the Home screen, press **Start**  > **Messaging** > **Outlook E-mail**.
2. Press **Menu**  > **Options** > **New Account**.
3. In **Your Name**, enter your display name for this account, and in **E-mail address**, enter the e-mail address for this account.
4. Select **Attempt to obtain e-mail settings from the Internet**. Automatic setup attempts to download necessary e-mail server settings so that you do not need to enter them manually.
5. Press **Next** .

NOTE If Automatic setup is successful, your user name is entered and you can press **Next** , then **Finish** to complete setting up your account, or you can also press **Options** to access additional settings.

If Automatic setup is unsuccessful or you have an account you access using a VPN server connection, you will have to contact your ISP or network administrator to obtain information for entering settings manually.

7-3 Managing accounts

Functions to manage accounts

TO	DO THIS
View a list of accounts	From the Home screen, press Start > Messaging . A list of accounts is displayed with the number of unread messages in the Inbox of each account shown in parenthesis.
Send/receive Internet e-mail messages	From the Home screen, press Start > Messaging . Select the Internet e-mail account for which you want to send and receive messages and press Menu > Send/Receive . To stop this process, press Menu > Stop Send/Receive .
Mark a folder for synchronization	From the Home screen, press Start > Messaging > Outlook E-mail . Press Menu > Folders > Menu > Manage Folders . Select a folder to synchronize and press Sync . The next time you synchronize, the folder(s) that you marked on your Smartphone are synchronized with the corresponding folders in Outlook on your PC.
Delete an account	From the Home screen, press Start > Messaging . Select an account and press Select . Press Menu > Options > Account Options then select the account you want to delete. Press Menu > Delete .
Switch between accounts	With an account open, press Menu > Switch Accounts or use the Thumstick to switch to another account.
Changing account options	From the Home screen, press Start > Messaging . Select an account and press Select . Press Menu > Options then select the type of option you want to change. Select Done to confirm.

7-4 Text and e-mail messages

To compose and send a text or e-mail message

1. From the Home screen, press Start  > Messaging.
2. Select **Text Messages** or an e-mail account and press Action  or Select .
3. Press New .
4. In **To**, enter the mobile phone number or e-mail address of the person to which you want to send the message or press Action  to select the person from your contacts.

NOTE If you are sending a message to more than one recipient, separate them with a semicolon (:).

You can only send text messages to contacts with a mobile phone number.

5. Press the Down navigation key, and enter your message.
6. When finished, press Send .

NOTE If you are working offline, e-mail messages are saved to the Outbox folder and sent the next time you connect.

Working with messages

TO	DO THIS
Insert a picture into an e-mail message	Press Menu > Insert > Picture while composing your message.
Insert a voice recording into an e-mail message	Press Menu > Insert > Voice note while composing your message.

Set the priority, security, and language of an e-mail message	Press Menu > Message Options while composing your message.
Cancel a message	Press Menu > Cancel Message while composing your message.
Save a message	Press Menu > Save to Drafts while composing your message.
Delete a message	Select the message you want to delete then press Menu > Delete .
Move a message to another folder	Select the message you want to move then press Menu > Move . Scroll to the new folder and press Select .
Sort messages	Press Menu > Options > Display on any account screen. In Sort Messages by , select your desired sort method.
Insert a signature	Press Menu > Options > Signatures on any account screen.
Change message options	Press Menu > Options on any account screen..

Downloading e-mail messages

To download email messages, perform any of the following:

- Synchronize e-mail messages with Microsoft® Exchange Server or Microsoft® Outlook® on your PC.
- Send and receive e-mail messages by connecting directly to an e-mail server through an Internet Service Provider (ISP) or a network.

Synchronizing e-mail messages

You can e-mail messages as part of the general synchronization process. You need to enable mail synchronization in ActiveSync. For more information on enabling mail synchronization, see the ActiveSync online help on your PC.

NOTE

To connect to an e-mail server, see **4-6 Synchronizing with an Exchange Server**.

Managing folders

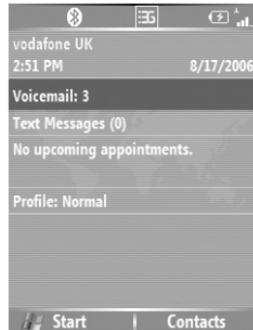
Each Messaging account has a set of five folders: Deleted Items, Drafts, Inbox, Outbox, and Sent Items. These folders store messages that you send and receive through the account. You can move a message to a different folder within the same account.

TO	DO THIS
View message folder contents	From the Home screen, press Start > Messaging . Select the account that you want to view. Press Menu > Folders and select the folder that you want to view.
Moving a message to a different folder	From the Home screen, press Start > Messaging . Select the account with the message that you want to move. Scroll to the message you want to move and press Menu > Move . Select the folder into which to move the message.
Empty the Deleted Items folder	From the Home screen, press Start > Messaging . Select the account with the Deleted Items folder that you want to empty. Select Deleted Items and press Select . Press Menu > Empty Folder .

7-5 VoiceMail Messages

Calls are diverted to your VoiceMail box when you are not available or your phone is powered off.

NOTE This feature is acquired separately. Contact your mobile phone line operator for more information.



Receiving VoiceMail notifications

Your mobile phone operator updates the VoiceMail counter if there are new VoiceMails pending. The VoiceMail counter can be found next to the VoiceMail entry on the Home screen.

NOTE The VoiceMail counter is controlled by the mobile phone line operator, and thus may not be incremented immediately after a message is received or accordingly to your VoiceMail messages pending.

Listening to VoiceMails

To listen to your VoiceMail, you can:

- Click on the VoiceMail line from the main screen or;
- Dial the VoiceMail number that is provided by your mobile phone line operator.

NOTE Once you connect to the VoiceMail server, the VoiceMail counter will be reset to 0, regardless of how many VoiceMails are available or you have listened to.

7-6 MMS messaging

MMS (Multimedia Messaging System) allows you to send text messages with multiple slides. Included on each slide can be a picture, video or audio, and/or text. MMS messages are sent by GPRS (General Packet Radio Service) to e-mail accounts or other MMS-enabled mobile devices.

-
- NOTE** To be able to send and receive MMS messages is necessary to subscribe GPRS and MMS services from your service provider. Ask your phone operator on how to activate the MMS feature. Only mobile phones with MMS feature can send/receive MMS messages.
- Depending on the service that you subscribe to, you may not be able to send and receive MMS messages to users using a different mobile phone network.
-

Accessing MMS

Do any of the following:

- From the Home screen, press **Start** [] > **Messaging** > **MMS**.
- After capturing a picture or video clip, press **Menu** [] > **Send** > **MMS**.

Editing MMS settings

From the MMS main screen, press **Menu** [] > **Options** > **Account Options** > **MMS** to open the Preferences screen and edit MMS settings. Select or clear check boxes according to your needs.

From the MMS main screen, press **Menu** [] > **MMS Settings** > **MMSC Settings**, and select your Internet Service Provider from the list. Press **Menu** [] > **Edit** to access Multimedia Messaging Service Center (MMSC) settings. Contact your mobile service operator for detailed settings.

Composing and sending an MMS message

To compose and send an MMS message

1. From the Home screen, press Start > Messaging > MMS > New.
2. In the **To:** field, enter the mobile phone number or e-mail of your recipient. You can enter it using the keypad or pressing Menu > Add Recipient to select from your Contacts. If you have more than one recipient, separate them with semicolons.

NOTE Press Action on the **To:** field to access your list of contacts.

3. In the **Subject:** field, enter a subject for the message.
4. Select the Insert Picture/Video box and press Action . All of your pictures and video clips will be displayed in thumbnail view.
5. Select a picture or video clip and press Action or Select .
6. Select the Insert Audio box and press Action . All of your available audio clips will be displayed in thumbnail view.
7. Select the audio clip you want to attach, then press Action or Select .

NOTE You can not attach an audio file to a slide with a video clip.

8. Press the Down navigation key to scroll down to the text field and enter your message.
9. Press Send to send the message.



The following assumes that you are on the MMS message screen.

TO	DO THIS
Copy the message to other recipients	Use the Thumstick to scroll up and display the Cc field. Enter the recipient's phone number or e-mail address or press Action to select a recipient from your Contacts list.
Hide a recipient's contact information from other message recipients	Use the Thumstick to scroll up and display the Bcc field. Enter the recipient's phone number or e-mail address or press Action to select a recipient from your Contacts list.
Hide sender information	Press Menu > MMS Settings > Send Options . Select the Hide Sender check box.
Go to the next slide	Move the Thumstick to the right.
Go to the previous slide	Move the Thumstick to the left.
Create an MMS message from a template	Create a new MMS message and press Menu > Template > New from Templates to compose a message using a predefined template.
Create an MMS message template	Create a message or open an existing message, then press Menu > Template > Save as Template .
Add preset or frequently used text strings to a message	In a text field, press Menu > Insert > My Text . Select the text string that you want to add and press Action or Insert .
Create or edit a preset message before adding it to the message body	In a text field, press Menu > Insert > My Text to open the My Text screen. From that screen, press Menu > Add My Text or Menu > Edit My Text .
Request message delivery notification	Press Menu > MMS Settings > Send Options . Select the Delivery Report check box.

7-7 Using Pocket MSN

Your device includes the instant messaging program "Pocket MSN®" that allows you to do the following:

- See who among your contacts is online and chat with them by sending and receiving instant messages.
- Access your Hotmail account to send and receive emails.

To use Pocket MSN, you must have a Passport account. If you have a Hotmail® or MSN account, you already have a Passport. Once you have obtained either a Microsoft® Passport or Microsoft® Exchange Server account, you are ready to set up your account.

NOTE You need a Microsoft® Passport network account to use Pocket MSN. Go to www.passport.com to obtain a passport account if you don't have one.

Using MSN Messenger

To sign in and out of MSN Messenger

1. From the Home screen, press **Start** [] > **More** [] > **Pocket MSN** > **MSN Messenger**.
3. On the MSN Messenger main screen, press **Sign In** [].
4. Enter the e-mail address and password for your Passport or Hotmail account.
5. Select **Save password** if you don't want to enter your password again in the future and press **Sign In** [].
6. To sign out, press **Menu** then select **Sign Out**.

NOTE If you do not sign out of MSN Messenger, you will remain connected. This may

Common MSN Messenger features

TO	DO THIS
Add a contact	Press Menu > Add Contact , and follow the instructions on the screen.
Delete a contact	Select the contact to delete and press Menu > Delete Contact .
Send an instant message	Select the recipient for the instant message in Contacts and press Menu > Send Message . Enter your message and press Send .
Add common phrases	Press Menu > My Text and select a phrase from the list.
Reply to an instant message	Press Menu > Chats and select the name of the person sending the instant message. The message displays, along with a box for your reply. Enter your reply and select Send .
Add other people to a conversation	From a chat session, press Menu > Invite , then select a contact.
Switch to another chat session	Press Menu > Chats . From the list of ongoing sessions, select the name of a contact you want to chat.
Return to the contacts list	From a chat session, press Menu > My Contacts .
End a chat session	From a chat session, press Menu > End Chat .
See all who are chatting	Press Menu > Chats .
Block someone on your MSN Messenger contacts list from seeing and contacting you	From the MSN Messenger contacts list, select the contact's name then press Menu > Block .
Unblock a contact	From the MSN Messenger contacts list, select the contact's name then press Menu > Unblock .
Change your status	From the MSN Messenger contacts list, select your name and select a status description then press Action .

Using MSN Hotmail

Use the application “MSN Hotmail” to access your Hotmail mailbox on your Smartphone and access your e-mails.

To sign in and out of MSN Hotmail

1. From the Home screen, press Start  > Pocket MSN > MSN Hotmail.
2. On the MSN - Sign In screen, enter the e-mail address and password for your Hotmail account.
3. Select **Save password** if you don't want to enter your password again in the future and press **Sign In** .
4. To sign out, press **Menu** then select **Sign Out**.



Chapter 8 Organizing Your Life

8-1 Using Contacts

Contacts maintains a list of your friends and colleagues so that you can easily find the information you need, whether you are at home or on the road. You can also share Contacts information with other users using Bluetooth on your device. If you are using Outlook on your PC, you can synchronize Contacts between your phone and PC.

Viewing Contacts

To view the Contacts list, do one of the following:

- From the Home screen, press **Start**  > **Contacts**.
- From the Home screen, press **Contacts** .

The contact list displays the names of your contacts alphabetically. Beside each name in the contact list is an abbreviation for the default communication method, such as the person's work phone number (w) or home phone number (h). If the contact information includes a mobile phone number, your Smartphone automatically sets it as the default number.

If there are phone numbers stored in your SIM card, the entries will be displayed at the end of the list, with a SIM card icon following the name.

TO	DO THIS
Create a new contact	From the Home screen, press Contacts > New . Enter information for the new contact and press Done .
Create a new contact on the SIM card	From the Home screen, press Contacts . Press Menu > New SIM Contact . NOTE: You can only store one phone number for a SIM contact.
Edit a contact's information	From the Home screen, press Contacts . Select the contact whose information you want to edit and press Action . Press Menu > Edit . When finished making changes, press Done .
Call a contact from the contact list	From the Home screen, press Contacts . Select the contact to call and press the Call button. To call a phone number other than the default, select the contact, use the Thumstick to scroll to the number you want to call, then press the Call button.
Send a text message to a contact	From the Home screen, press Contacts . Select the contact to which you want to send a text message and press Action . Press Menu > Send SMS .
Send an e-mail to a contact	<p>From the Home screen, press Contacts. Select the contact to which you want to email and press Action. Scroll to Send e-mail and press E-mail > Outlook E-mail.</p> <p>NOTE You can only send e-mails to contacts with e-mail addresses. To add an e-mail address to a contact, from the Home screen, press Contacts, select your contact, go to Menu > Edit, then scroll down to locate and fill the e-mail field.</p>
Send an MMS message to a contact	From the Home screen, press Contacts . Select the contact to which you want to send an MMS message and press Menu > Send MMS .
Beam contact information to another device	From the Home screen, press Contacts . Select the contact to beam and press Menu > Beam Contact . Select the device and press Beam .
Find a contact by name	From the Home screen, press Contacts . If you are not in Name view, press Menu > View By > Name . Enter the first few letters of the contact's name or the first few digits of the phone number until the contact is displayed.

TO	DO THIS
Find a contact by company	From the Home screen, press Contacts . Press Menu > View By > Company . Select the company that your contact works at and press Action to see all the contacts who work there.
Find a contact using filter	From the Contact list, press Menu > Filter . Select the category that you have assigned to the contact. To show all contacts again, select All Contacts .
Assign a ring tone to a contact	From the Home screen, press Contacts . Select the contact to which you want to assign a custom ring tone and press Action . Press Menu > Edit and scroll to Custom ring tone. Use the Thumbstick to select a ring tone and press Done .
Add a picture to a contact	From the Home screen, press Contacts . Select the contact to which you want to add a picture and press Action . Press Menu > Edit and scroll to Picture and press Action . Select an already existing picture and press Select or select Camera and take a picture to use.

Managing your SIM contacts

All your contacts that are stored on your SIM card are listed in the SIM Manager. You can save all the contacts on your SIM card to your Smartphone using your SIM Manager.

Accessing SIM Manager

From the Home screen, press **Start** [] > **More** [] > **Tools** > **SIM Manager**.

TO	DO THIS
View a SIM contact's information	From SIM Manager, select the contact that you want to view and press Action .
Copy a SIM contact to your phone	From SIM Manager, press Menu > Copy to Contact then press OK to confirm.
Copy all SIM contacts to your phone	From SIM Manager, press Menu > Select All to select all the contacts on your SIM card. Press Menu > Copy to Contact then press OK to confirm.
Delete a SIM contact from your SIM card	From SIM Manager, press Menu > Delete then press OK to confirm.

TO	DO THIS
Delete all SIM contacts from your SIM card	From SIM Manager, press Menu > Select All to select all the contacts on your SIM card. Press Menu > Delete then press OK to confirm.
Edit a SIM contact's name and/or phone number	From SIM Manager, select the contact that you want to edit and press Menu > Edit .
Copy a contact from your phone to your SIM card	From SIM Manager, press Menu > Copy Contact to SIM . Select the contact you want to copy from your phone memory to your SIM card and press Select .
View text messages on your SIM card	From SIM Manager, press Menu > SMS .
Return to contacts view from Text messages screen	After you have pressed Menu > SMS , you can return to Contacts by pressing the Back button.
Delete all text messages on your SIM card	From SIM Manager, press Menu > SMS > Menu > Select All . All the text messages on your SIM card are selected. Press Menu > Delete then OK to confirm.
Delete a text message on your SIM card	From SIM Manager, press Menu > SMS . Select the text message to delete and Press Menu > Delete .
Copy all the text messages from your SIM card to your phone	From SIM Manager, press Menu > SMS > Menu > Select All . To select all the text messages on your SIM card are selected. Press Menu > Copy to Text Message then OK to confirm.
Copy a text message from your SIM card to your phone	From SIM Manager, press Menu > SMS . Select the text message to copy to your phone, press Menu > Copy to Text Message then press OK to confirm.
Copy a text message from your phone to your SIM card	From SIM Manager, press Menu > SMS . Select the text message to copy to your phone, press Menu > Copy Text Message to SIM then OK to confirm.
Access text messages on your phone from SIM Manager	From SIM Manager, press Menu > Switch Text Message .

8-2 Using Calendar

Use Calendar to schedule appointments, including meetings and other events. Your appointments for the day can be displayed on the Home screen. You can also set Calendar to remind you of appointments. If you use Outlook on your PC, you can synchronize appointments between your phone and PC.

To open the Calendar program, do one of the following:

- From the Home screen, press **Start**  > **Calendar**.
- From the Home screen, scroll to the upcoming appointment and press **Action** .

Scheduling an appointment

To schedule an appointment

- From the Home screen, press **Start**  > **Calendar**.
- Press **Menu**  > **New Appointment**.
- Enter information about the appointment.
To schedule an all-day event, in **End time**, select **All day event**.
- Press **Done** .

TO	DO THIS
Make an appointment recurring	Select the appointment and press Action . Press Edit . Scroll to Occurs and select one of the recurrence options.
Delete an appointment	Select the appointment to delete and press Menu > Delete Appointment .
Beam an appointment	Select the appointment to beam and press Action . Press Menu > Beam Appointment .

Viewing an appointment

To view an appointment

1. From the Home screen, press Start  > Calendar.
2. Select the appointment and press Action .

Viewing your schedule

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

To view your schedule

1. From the Home screen, press Start  > Calendar.
2. Press Menu then select your desired view.
 - Week View
 - Month View
 - Agenda View

TO	DO THIS
View today's agenda	From any Calendar view, press Menu > Go to Today.
View your agenda for a specific date	From any Calendar view, press Menu > Go to Date. Enter the date to view and press Done.
Show week numbers	From any Calendar view, press Menu > Options. Scroll to Month view and select Show week numbers.
Change the display of the work week	In any Calendar view, press Menu > Options and do the following: <ul style="list-style-type: none">• To specify the first day of the week, in First day of week, select Sunday or Monday.• To specify the number of days you want to appear in a week, in Week view, select 5-day week, 6-day week, or 7-day week.

8-3 Using Tasks

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

The Tasks list

The task list is your “things to do” list. When you create or edit tasks with Outlook on your PC then synchronize it with your phone, additional information, such as due date, priority, and category, may show. A task that has been marked as high priority is preceded by an exclamation mark, and one marked as low priority by a downward-pointing arrow. Overdue tasks are displayed in bold red.

NOTE You can synchronize information on your phone with your PC to keep your task list up to date in both locations.

TO	DO THIS
Create a task	From the Home screen, press Start > Office > Tasks . Scroll to the Enter new task here box at the top of the screen, enter the task name, then press Action .
Mark a task as completed	From the Home screen, press Start > Office > Tasks . Scroll to the task to mark complete, then press Complete .
Delete a task	From the Home screen, press Start > Office > Tasks . Scroll to the task to delete, then press Menu > Delete Task . Press Yes to confirm.
Change a completed task to incomplete	From the Home screen, press Start > Office > Tasks . Scroll to the completed task to as incomplete, then press Activate .
Find a task	From the Home screen, press Start > Office > Tasks . Press Menu > Sort by and select a sort option or Menu > Filter and select a category.

8-4 Using Voice Notes

You can use Voice Notes to create and play back short voice recordings or verbal reminders. Recordings are included in the All notes list and are named consecutively Recording 1, Recording 2, and so on.

TO	DO THIS
Create a voice note	From the Home screen, press Start > Office > Voice Notes to display the Notes screen. Hold the phone's microphone near your mouth. Press Record to start recording your voice note. A counter displays the number of seconds elapsed during recording. Press Stop to stop recording.
Play, rename, or delete a voice note	From the All notes screen, select the voice note then press Menu > Play, Menu > Rename, or Menu > Delete .
Set a voice note as a ring tone	From the All notes screen, select the voice note to use as your current ring tone then press Menu > Set As Ringtone . Press OK to confirm. 

Chapter 9 Multimedia

9-1 Working with pictures and videos

Using Pictures & Videos

The Pictures & Videos program allows you to work with pictures and video clips on your phone. After you have taken the pictures and videos, you can organize, edit, beam, as well as send them by using a messaging program.

To open the Pictures & Videos program, press **Start**  **> Media > Pictures & Videos**.

TO	DO THIS
View a picture	Select the picture you want to view and press View .
Play a video clip	Select the video clip (shown as a Windows Media Player® icon) you want to see, then press Play .
Delete a picture or video clip	Select the picture or video clip you want to delete and press Menu > Delete .
View your pictures as a slide show	Press Menu > Play Slide Show .
Set a picture as the Home screen	Select the picture you want to use as the Home screen and press View > Menu > Use as Home Screen . Use the Thumbstick to select the display area and press Next . Adjust the transparency and press Finish .
Beam a picture or video clip	Select the picture or video clip you want to beam and press Menu > Beam . Select the device to which you want to send and press Beam .
Change the name of a picture	Select a picture and press Menu > Save > Save as.... Change the name in the Name field.

TO	DO THIS
Edit a picture	<p>Select the picture you want to edit and press View. Press Menu > Edit, and do the following:</p> <ul style="list-style-type: none"> • To rotate the picture 90 degrees, press Menu > Rotate. • To crop the picture, press Menu > Crop. Use the navigation pad to position the first corner of the cropping area and press Next. Position the second corner and press Finish. To start over, press Previous. • To automatically readjust the brightness and contrast levels of the picture, press Menu > Auto Correct. <p>Press Menu > Save As, to save the edited picture with a different name or to a different location.</p>
E-mail a picture or video clip (You must already be set up to send and receive messages - see 7-2 Setting up accounts)	<p>Select the picture or video clip you want to send and press Menu > Send. Select Outlook E-mail and press Select. A new e-mail message is created with the file attached. Enter the recipient's e-mail address, the subject, and your message, and press Send.</p>
Send a picture or video clip using MMS	<p>Select the picture or video clip you want to send and press Menu > Send. Select MMS and press Select. A new MMS message is created with the file attached. Enter the recipient's mobile phone number and the subject. Scroll down to Insert Audio (available only for pictures), press Action, and select an audio clip to attach. Scroll down to Insert Text, enter your message, and press Send.</p>
Set a picture size to use when e-mailing pictures	<p>Press Menu > Options > General. Select the first scroll box and use the Thumbstick to select the picture size.</p>
Set whether pictures are rotated clockwise or counter-clockwise.	<p>Press Menu > Options > General. Select the second scroll box and use the Thumbstick to select Right (clockwise) or Left (counter-clockwise).</p>
Set the screensaver to play when the phone is connected to your PC for more than 2 minutes	<p>Press Menu > Options > Slide Show. Select Play screensaver when connected to my PC and idle for 2 minutes.</p>

9-2 Listening to music and watching videos

Use Windows Media Player® Mobile to play digital audio and video files that are stored on your phone or on the Web. You can listen to media files through the speaker from the back of your smartphone or using a stereo headset.

Windows Media Player® Mobile can play the following types of files:

- Windows Media® Audio (WMA)
- Windows Media® Video (WMV)
- Motion Picture Experts Group-2 Audio Layer-3 (MP3)
- Third generation video standard H.263 baseline (3GP)

Use Windows Media Player® on your PC to copy digital audio and video to your phone.

Windows Media Player® screens

Playback screen

Displays the playback controls (such as Play, Pause, Next, Previous, and Volume) and the video window. You can change the appearance of this screen by choosing a different skin.

Now Playing screen

Displays the current playlist. This playlist indicates the currently playing file and any files that are queued up to play.

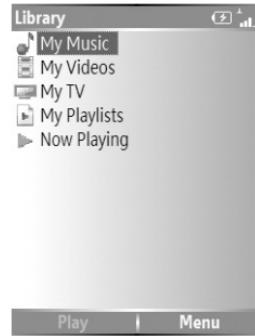
Library screen

The screen that lets you find your audio files, video files, and playlists. It contains categories such as My Music, My Videos, My TV, My Playlists and Now playing.

Playing media files

To play a media file

1. From the Home screen, press Start > Media > Windows Media.
2. Press Menu > Library.
3. Do any of the following:
 - To play a file from a library, select the library you want to use in the Library list and press Action .
 - To play a file that is not in a library, press Menu > Open File.
 - To play a file from the web, press Menu > Open URL. In URL, enter the Web address, or select a site you have visited before in History. Then press OK .
4. Select the file you want to play, then press Play .



NOTE You can play MP3 and other media files directly from a micro SD card inserted into your phone.

Playback screen options

When playback of an audio or video clip is in progress, the menu contains the following options.

OPTION	DESCRIPTION
Library	Displays the Library screen so you can choose a file to play.
Play/Pause	Play or pause playback of current file.
Stop	Stops playback. If playback is started again, it will start from the beginning of the current file.
Shuffle/Repeat	Select Shuffle to play the items in the Now Playing playlist in random order and Repeat to play the items repeatedly.
Full Screen	When a video is playing, it is displayed using the entire screen.
Options	Lets you adjust various Windows Media Player® options related to playback, video, network, library, skins, and hardware button assignment
Properties	Displays information about the file that is currently playing.
About	Displays information about Windows Media Player®.

Playback controls

Keypad controls



Thumbstick controls

Volume +
Push up to increase volume



Play/Pause
Press to play/pause the current file

Previous/Rewind
Push left once to go back to the beginning of the current clip; push twice to go to the previous clip. Hold to rewind on the current file.



Volume -
Push down to decrease volume

9-3 Using Java (MIDlet Manager)

Your phone supports Java 2 Edition, J2ME. The Java MIDlet Manager allows you to download Java applications, such as games and utilities, that are specifically designed for mobile phones.

To install, run, and manage MIDlet programs (MIDlets) on your phone, you have to first download the MIDlets to your device directly from the Internet or from your PC.

Installing Java MIDlets directly from the Internet

To install Java MIDlets directly from the Internet

1. From the Home screen, press **Start**  > **More**  > **Tools** > **Java**. The Esmertec Java screen appears.
2. Press **Menu**  > **Install** > **Internet** to open Internet Explorer.
3. Locate the MIDlet/MIDlet suite while connected to the Internet.
4. Select the MIDlet/MIDlet suite to download.
5. Press **Yes**  to start installing the MIDlet/MIDlet suite.
6. Press **Done**  to confirm.

Installing Java MIDlets from your PC

You can install the MIDlets/MIDlet suites on your phone from your PC using the USB sync cable or Bluetooth. MIDlets copied to your phone using Bluetooth, or e-mail attachments are automatically saved in the My Documents folder.

To install Java MIDlets from your PC

1. Download the games and utilities that you want to install on your phone to your PC.
2. Open ActiveSync on your PC and click **Explore**.
3. Go to the **My Device\My Documents** or the **My Device\Storage Card** folder on your Smartphone and paste the files.
4. From the Home screen of your phone, press **Start** [] > **More** [] > **Tools** > **Java**. The esmertec Java screen appears.
5. Press **Menu** [] > **Install** > **Local**. A list of all MIDlets/MIDlet suites available will be shown.
6. Select the MIDlet/MIDlet suite to install and press **Install** [].
7. Press **Yes** [] to install.
8. You can modify the application name and group where it will belong. Press **Done** [] to confirm.

Running Java MIDlets

To run Java MIDlets

1. From the Home screen, press **Start** [] > **More** [] > **Tools** > **Java**. The phone displays the list of MIDlets.
2. Select a MIDlet, then press **Action** [○].

TO	DO THIS
Uninstall a MIDlet	From the Java main screen, select the MIDlet to uninstall and press Menu > Uninstall .
Update a MIDlet	From the Java main screen, select the MIDlet to update and press Menu > Update .
Change the display name of a MIDlet	From the Java main screen, select the MIDlet to rename and press Menu > Edit .

Chapter 10 Viewing Office Files

Your Smartphone comes with a set of preinstalled applications to visualize documents, spreadsheets, presentations and .pdf files.

These applications from ClearVue do not work as your normal office applications would, and you will only be able to visualize, zoom, and print documents, without being able to edit or modify them in any way.

To access this set of applications press Start **[-] > Office**.

10-1 Common Features

Once you access any of the ClearVue applications, you will be welcome with a similar set of functions. Press the **soft left key** **[-]** to access the file menu, and **soft right key** **[-]** to access the zoom menu.

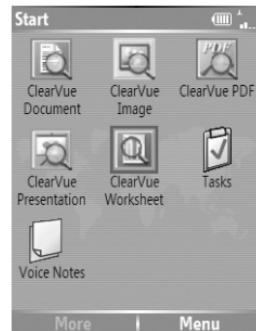
With an open file, you can use the Thumbstick to navigate through it.

File menu

From this menu you can Open a file, access to recent files, and close files. You can also access to help and vendor's information.

Zoom menu

Once you open a document, you will be able to zoom in and out. You can select different percentages according to your needs.



NOTE

The zoom function is not available for ClearVue Image.

10-2 ClearVue Document



The ClearVue document viewer shows documents created in Microsoft® Word 97, 2000, 2002 (XP) and 2003. It can also display documents saved in Rich Text Format (.rtf).

To start this application press **Start** > **Office** > **ClearVue Document**.

10-3 ClearVue PDF



The ClearVue PDF viewer displays Portable Document Format (.pdf) files.

To start this application press **Start** > **Office** > **ClearVue PDF**.

10-4 ClearVue Image



The ClearVue image viewer displays .BMP, .JPG and .PNG image files.

To start this application press **Start** > **Office** > **ClearVue PDF**.

Use the **Menu** button to display images in a slideshow with manual advance, automatic advance and looping. There are also functions for see images in full screen mode and to hide images.

10-5 ClearVue Presentation



The ClearVue presentation viewer displays documents created in Microsoft® PowerPoint 97, 2000, 2002 (XP) and 2003.

To start this application press **Start** [] > **Office** > **ClearVue PDF**.

When you open a presentation, the screen will be divided in two, having the current slide on the top part of the screen and thumbnails of each slide in the bottom part. Use the Thumstick to navigate through the thumbnails and display a larger view in the top part of the screen.

TO	DO THIS
View a slideshow	Press View > View show .
View notes	Press View > View notes .
Configure a slideshow	Press View > Set up show to modify advance slide timing, enable/disable continuous looping, and change the viewing orientation. You can also enable/disable the appearance of a black slide at the end of the show.
Modify the display of slides in a presentation	Press View > Custom Show . Change the slide in Presentation to modify the first slide displayed. Use the soft right key to access a menu of options to Add , Delete , Hide , change order (using the Move up and Move down options), or Reset the Show list to its default order.

10-5 ClearVue Worksheet

The ClearVue Worksheet viewer displays documents created in Microsoft® Excel 97, 2000, 2002 (XP) and 2003.

To start this application press **Start** [] > **Office** > **ClearVue Worksheet**.

Navigating through sheets

Use **View** > **Sheet** to access other sheets in the file.

Chapter 10

Appendix Notices

A-1 European Union Norms and Standards

Intended for use in the European Union.

Products with CE marking comply with the R&TTE directive (99/5/EC), the EMC directive (89/366/ECC), and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

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

EN 301 908 Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS) and User Equipment (UE) for IMT-2000 third generation cellular networks.

EN 301 489-24 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; part 24: Specific conditions for IMT-2000 CDMA direct spread (UTRA) for mobile and portable (UE) radio and ancillary equipment.

EN 60950-1 (IEC 60950-1) Safety of Information Technology Equipment.

ETSI EN 301 511 Global system for mobile communications (GSM); harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands, covering essential requirements of article 3.2 of the R&TTE directive (1995/5/EC).

ETSI EN 301 489-1 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

ETSI EN 301 489-7 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunication systems (GSM and DCS).

Appendix

ETSI EN 301 489-17 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN.

ETSI EN 300 328 Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; data transmissions equipment operating in the 2.4GHz ISM band and using spread spectrum modulation techniques.

GSM11.10

ANSI/IEEE C.95.1-1992 Specific absorption rate in mobile phone emission conditions for body health

EN50360, EN50361, EN50371 for SAR

Specific Absortion Rate (SAR) values for this equipment

FCC Regulations	Head:	0.722 W/Kg (1g)
	Body:	0.766 W/Kg (1g)
CE Information	Head:	0.878 W/Kg (10g)
	Body:	1.04 W/Kg (10g)

A-2 Table of Product Safety Information

Section	Sub-Section	Summary of advice
Exposure	Specific Absorption Rate (SAR)	<p>Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.</p> <p>The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.878 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. The highest SAR value for this device when tested in a body worn position was 1.04 W/kg**.</p> <p>As SAR is measured utilizing the devices highest transmitting power, the actual SAR of this device while operating is typically below that indicated above, because the power level of the device will adjust automatically to ensure it only uses the minimum power level required to reach the network. The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (http://www.who.int/en/) or Company Vodafone (http://www.vodafone.com).</p> <p>* The tests are carried out in accordance with international guidelines for testing.</p> <p>** Important safety information regarding radiofrequency radiation (RF) exposure for body worn operation: To ensure compliance with RF exposure guidelines this device must be used with a minimum of 1.5 cm (0.6 inch) separation from the body. Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.</p>

Appendix

Section	Sub-Section	Summary of advice
Exposure	Limiting exposure to radio frequency (RF) fields	<p>For individuals concerned about limiting their exposure to RF fields, the World Health Organisation (WHO) provides the following advice:</p> <p>Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.</p> <p>Further information on this subject can be obtained from the WHO home page http://www.who.int/peh-ermf WHO Fact sheet 193: June 2000.</p>
	General	Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.
	Regulatory information	<p>The following approvals and notices apply in specific regions as noted.</p> <p>EU: Copy of the "declaration of conformity"</p> <p>US: FCC statement</p> <p>List other applicable territories where the product is to be sold / used and their relevant declarations.</p>

Appendix

Section	Sub-Section	Summary of advice
Handling	General use	<p>You alone are responsible for how you use your phone and any consequences of its use.</p> <p>As a general rule, always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.</p> <ul style="list-style-type: none">Always treat your product or its accessories with care and keep in a clean and dust-free place.Do not expose your product or its accessories to open flames or lit tobacco products.Do not expose your product or its accessories to liquid, moisture or humidity.Do not drop, throw or try to bend your product, or its accessoriesDo not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessoriesDo not paint your product or its accessories.Do not attempt to disassemble your product or its accessories, only authorised personnel should do so.Do not expose your product or its accessories to extreme temperatures, minimum 0°C and maximum +55°C (degrees Celsius).Please check local regulations for disposal of electronic products. <p>Do not carry your phone in your back pocket as it could break when you sit down.</p>
	Small children	<p>Do not leave your product and its accessories within the reach of small children or allow them to play with it.</p> <p>They could hurt themselves or others, or could accidentally damage the product.</p> <p>Your product also contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.</p>
Handling	Body worn operation	<p>Important safety information regarding radiofrequency radiation (RF) exposure</p> <p>To ensure compliance with RF exposure guidelines the product must be used with a minimum of 2cm separation from the body.</p> <p>Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits</p>
	Demagnetisation	<p>To avoid the risk of demagnetisation, do not allow electronic devices or magnetic media close to your phone for a long time.</p>

Appendix

Section	Sub-Section	Summary of advice
Handling	Electrostatic discharge (ESD)	Do not touch the SIM card connectors.
	Antenna	Do not touch the antenna unnecessarily. + figure or text to indicate the antenna
	Phone using position	When placing or receiving a phone call, hold your phone as you would a fixed line phone. + figure how to hold the phone while talking
	Car	Do not place a phone in the area over an air bag or in the air bag deployment area. Store the device safely before driving your vehicle.
	Seizures/Blackouts	This product is capable of producing bright flashing lights.
	Repetitive Motion Injuries	Texting or playing games with your phone To minimise the risk of RSI <ul style="list-style-type: none">• Do not grip the phone tightly• Press the buttons lightly• Make use of the special features in the handset which minimise the number of buttons which have to be pressed, such as message templates and predictive text• Take lots of breaks to stretch and relax
	Emergency Calls	Emergency calls should be covered in the product functionality section of the manual
	Hearing	This product is capable of producing loud noises which may damage your hearing.
	Infrared/Flash/Light	If your phone has a flash or light, do not use it too close to the eyes
	Thermal effect	Your phone may become warm during charging and normal use.

Appendix

Section	Sub-Section	Summary of advice
Electrical safety	Accessory	<p>Use only approved accessories.</p> <p>Do not connect with incompatible products or accessories.</p> <p>Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals.</p>
	Car	Seek professional advice when connecting a phone interface to the vehicle electrical system.
	Damaged products/ Service	<p>Do not attempt to disassemble the product or its accessory.</p> <p>Only qualified personnel should service or repair the product or its accessory.</p> <p>If your product or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to an authorised service centre.</p>
Interference	General	<p>Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.</p> <p>- Regulatory requirements statements</p>
	Pacemakers	Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket
	Hearing Aids	People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby. The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.
	Medical devices	Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.
	Hospitals	Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Appendix

Section	Sub-Section	Summary of advice
Interference	Aircraft	<p>Switch off your wireless device whenever you are instructed to do so by airport or airline staff.</p> <p>Consult the airline staff about the use of wireless devices on board the aircraft, if your device offers a 'flight mode' this should be enabled prior to boarding an aircraft.</p>
	Car	<p>Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a handsfree kit with an external antenna supports the installation.</p>
Explosive environments	Petrol stations and explosive atmospheres	<p>In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices or other radio equipment.</p> <p>The areas with potentially explosive atmospheres referred to above include fuelling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.</p> <p>Areas with potentially explosive atmospheres are often but not always posted.</p>
	Blasting Caps and Areas	<p>Turn off your mobile phone or wireless device when in a blasting area or in areas posted turn off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.</p>
Distraction	Driving	<p>Full attention should be given to driving at all times in order to reduce the risk of accident. Using a wireless device while driving (even with a hands free kit) may be distracting. You should comply with local laws and regulations restricting the use of wireless devices while driving.</p>
	Operating machinery	none

~~SAR Information - Rules for Exposure to Radiofrequency Energy~~

~~Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.~~

~~The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.878 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. The highest SAR value for this device when tested in a body worn position was 1.04 W/kg**. As SAR is measured utilizing the devices highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. Because the power level of the device will adjust automatically to ensure it only uses the minimum power level required to reach the network.~~

~~The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands free' device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/en/>) or Company Vodafone (<http://www.vodafone.com>).~~

~~* The tests were carried out in accordance with international guidelines for testing.~~

~~** Important safety information regarding radiofrequency radiation (RF) exposure for body worn operation:
To ensure compliance with RF exposure guidelines this device must be used with a minimum of 1.5 cm (0.6 inch)
separation from the body. Failure to observe these instructions could result in your RF exposure exceeding the
relevant guideline limits.~~

A-3 PC Requirements For ActiveSync 4.x

To connect your device to the PC, you have to install Microsoft® ActiveSync on your PC. ActiveSync 4.2 is included in the companion CD, which is compatible with the following operating systems and applications:

- Microsoft® Windows® 2000 Service Pack 4.
- Microsoft® Windows® Server 2003 Service Pack 1.
- Microsoft® Windows® Server 2003 IA64 Edition Service Pack 1.
- Microsoft® Windows® Server 2003 x64 Edition Service Pack 1.
- Microsoft® Windows® XP Professional Service Packs 1 and 2.
- Microsoft® Windows® XP Home Service Packs 1 and 2.
- Microsoft® Windows® XP Tablet PC Edition 2005.
- Microsoft® Windows® XP Media Center Edition 2005.
- Microsoft® Windows® XP Professional x64 Edition.
- Microsoft® Outlook® 98, Microsoft® Outlook® 2000 and Microsoft® Outlook® XP, and Microsoft® Outlook® 2003 Messaging and collaboration clients.
- Microsoft® Office 97, excluding Outlook®.
- Microsoft® Office 2000.
- Microsoft® Office XP.
- Microsoft® Office 2003.
- Microsoft® Internet Explorer 4.01 or later (required).
- Microsoft® Systems Management Server 2.0.

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