



TOSHIBA

RG4-E01

User Manual Version 1.0

INTRODUCTION

Congratulations on choosing the TOSHIBA RG4-E01, which is customized for Vodafone live!

We hope that you will be pleased with this new wireless phone incorporating 3G technology, also known as UMTS. This phone provides advanced entertainment features including video telephony, video messaging and high-speed access to Vodafone live! The TOSHIBA RG4-E01 has a sophisticated design, high-quality 65,000 colour display and 2 mega pixel camera. Furthermore, you can rotate the colour display to suit your needs.

NETWORK SERVICES

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These Network Services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize Network Services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use Network Services. For instance, some networks may not support all language dependent characters and services.

This wireless device is a 3GPP GSM Release 99 terminal supporting GPRS service, and is designed to support also Release 97 GPRS networks. However, there may be some compatibility issues when used in some Release 97 GPRS networks. For more information, contact your service provider.

IMPORTANT SAFETY INFORMATION

- The device is not charged when you take it out of the box. The battery should be charged for at least 8 hours before first use. Do not remove the battery while charging.
- Do not use batteries, which have not been specified by the manufacturer, as this may cause leakage or rupture.
- Do not charge the battery with an unspecified AC Adapter, as this may cause damage to both the device and the battery.
- When discarding the batteries, dispose of them in a proper manner, according to the battery manufacturer's instructions and your local laws.
- Power off the device and remove the battery before inserting SIM card. Make sure the SIM card snaps correctly into the SIM socket.
- Do not open or tamper with the device cover, as it will void your warranty.
- Do not press hard on this product, as it may cause damage to the screen or the internal components.
- Do not use the device at gas or refuelling stations, chemical plants, and places

containing explosives or flammable materials.

- Do not strike, shake, or heat the device in a way which may cause battery leakage or rupture and damage to the device.
- Do not scratch the screen with hard objects.
- Do not clean the screen with chemical detergents. Only use cloths, specifically designed for cleaning liquid displays, to wipe the device screen.
- Do not expose the device to direct sunlight, or leave the device in a humid environment, for extended periods of time, as this may cause damage to the device and battery.
- Do not immerse the device in water.
- The device may interfere with the navigation and/or communication systems on aircraft. The use of the device on aircraft is prohibited by laws in most countries.
- Use hands-free devices, if you need to use the telephony services, while driving a vehicle.

Care and Maintenance

If you maintain your phone in good condition, the quality of your phone usage as well as the phone life span will be greatly enhanced.

If you follow the suggestions below, this will also help you to fulfill warranty obligations.

- Keep the phone and all the parts and accessories out of the reach of small children.
- Keep the phone dry as moisture of any kind can contain minerals that will corrode the electronic circuits.
- Do not use or store the phone in dusty or dirty locations as the moving parts of the phone can be damaged.
- Do not use or store the phone in hot areas. High temperature will shorten the life span of the phone, damage the battery or warp/ melt the plastic used in the phone's manufacture.
- Do not store the phone in cold areas. When there is a difference in temperature between the room and the phone, condensation can form inside the phone, causing damage to the electronic circuits.
- Do not open the phone unless absolutely necessary, for example, to install the battery or SIM card. We recommend that you go to your dealer when problems arise with either of these items and allow their experts to handle the phone instead.
- Do not mishandle or abuse the phone. Dropping it, knocking or shaking it can damage the internal circuits.
- Do not use harsh chemicals, strong detergents, or cleaning solvents to clean the phone. If you must clean it, then use a soft, clean, dry, lint-free cloth.
- Do not apply paint or other such substances to the phone. This could clog the phone's moving parts.
- If the phone or any of the accessories are not working as they should, please consult your dealer who can provide you with the expert assistance that you require.
- Interference may affect your phone's performance. This is perfectly normal and once you move away from the source of the interference, the phone should operate as usual.
- Do not attempt to disassemble your product. Only Toshiba authorized personnel should perform service.

FCC Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

NONIONIZING RADIATION

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

TRADEMARK INFORMATION

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DANGER

- Do not disassemble, modify or repair the handset, battery pack, charger, Stereo Earphone or Bluetooth™ Stereo Headset
- Doing so may cause overheating, rupturing, fire, electric shock, injury or malfunction. Modification of the handset is prohibited by Japanese Radio Law. For repair, contact your nearest SoftBank Shop or SoftBank Customer Assistance (page 21-53).
- Do not dispose of the handset, battery pack, charger, Stereo Earphone or Bluetooth™ Stereo Headset in a fire or expose it to heat. If the handset or battery pack is exposed to water, do not dry it artificially in heating equipment (microwave oven, etc.)
- Doing so may cause overheating, rupturing, fire or malfunction.
- Do not charge, use or leave the handset, battery pack, charger, Stereo Earphone or Bluetooth™ Stereo Headset in hot places such as near a fire or heater
- Doing so may cause overheating, rupturing, fire or malfunction.
- Do not expose the handset, charger, battery pack, Stereo Earphone or Bluetooth™ Stereo Headset to fluids such as water, perspiration or seawater
- Doing so may cause overheating, rupturing, fire, electric shock or malfunction. If the handset is dropped accidentally in water or any other fluid, immediately turn off the handset.
- Do not leave the handset, charger, battery pack, Stereo Earphone or Bluetooth™ Stereo Headset outdoors, in a bathroom or wherever water or any other fluid is used Do not place the handset, charger or battery pack near cups, vases or other containers of fluids
Exposure to water or other fluids may cause electric shock, overheating, rupturing or fire.
- Do not use excessive force when inserting the battery pack into the handset or connecting the handset to the charger Do not connect any cords with reverse polarity
- Doing so may cause the battery pack to leak, rupture, overheat or catch fire, as well as cause electric shock or malfunction.
- Do not touch the battery pack connectors (metal parts) with any metal objects (necklace, hairpin, etc.)
- Doing so may cause the battery pack to overheat, rupture or catch fire, as well as the metal object to overheat.
- Do not use a battery pack other than one supplied with or designated for the handset Do not use the battery pack for any other handset
- Doing so may cause overheating, rupturing, fire or malfunction.
- Do not use a charger other than one supplied with or designated for the handset to charge the battery pack Do not use the charger for any other handset
- Doing so may cause overheating, rupturing, fire or malfunction.
- Do not charge, overheat, disassemble or short the dry battery of Bluetooth™ Stereo Headset or put it into a fire.

- Doing so may cause ignition, rupturing, malfunction or fire.

If electrolyte fluid leaking from the dry battery of Bluetooth™ Stereo Headset comes into contact with your skin or clothes, wash it immediately with clean water as this may hurt your body. And if it gets into your eyes, do not rub them, and have them immediately treated by an ophthalmologist after washing them with clean water. If the fluid sticks to the equipment, wipe it out without touching it directly.

If the fluid is left as it is, your skin may get irritated or there may be fear of losing your sight.

WARNING

- Do not charge the battery pack while it is wet or damp
- Doing so may cause overheating, rupturing, fire, electric shock or short circuit. If the battery pack is exposed to fluids such as water, unplug the rapid charger immediately.

- Do not use the handset while driving Do not make or receive a call and do not use other functions (messaging, game, camera, video, music, mobile light, etc.)
- Doing so may cause a traffic accident. Use of the handset while driving is prohibited by law. Before using the handset, stop the vehicle in a safe area where parking is permitted.

- Do not use the handset wherever there is the risk of a fire or explosion such as in a petrol station
- Doing so may ignite the gases and start a fire or explosion. Turn off the handset and do not charge it wherever gases may be present (petrol station, etc.).

- Do not swing the handset by its strap, a video output cable, the Stereo Earphone or Bluetooth™ Stereo Headset
- Doing so may cause an injury, accident or damage.

Turn off the handset while you are near any precision electronic equipment. Radio waves may adversely affect the operation of electronic equipment. Examples of such equipment: medical electronic equipment such as cardiac pacemakers and hearing aids or fire alarms and automatic doors. If you use medical electronic equipment, consult with the equipment manufacturer or distributor about the influence of radio waves.

Remove the power plug from the outlet if the rapid charger is not to be used for a long period of time or before cleaning

Failing to do so may cause an electric shock, fire or malfunction.

Turn off the handset wherever its use is prohibited such as on an aircraft Cancel schedule and alarm settings before turning handset power off

Use of the handset on an aircraft is prohibited by law.

Check your surroundings to confirm that it is safe to make/receive calls, send/receive messages, take pictures or record videos

Failing to do so may cause you to trip over or cause a traffic accident.

Do not use the handset with any power voltage other than the specified voltage
Doing so may cause a fire. The power voltages are 100 to 240 V AC for the rapid charger
and 12 or 24 V DC (for a negative ground car only) for an In-Car Charger.

Wipe away any dust on the plug of the rapid charger with a dry cloth after removing the
plug from the outlet

Dust on the plug or outlet may cause a fire.

Follow the instructions below when installing and wiring in-vehicle devices

- Make sure that devices do not interfere with driving and safety equipment such as
airbags

- Make sure that wires are not caught in seatbelt buckles, doors or other moving
parts

Any wire caught around a foot, brake pedal, accelerator pedal, etc. may interfere with
driving and cause a traffic accident. If any part of an in-vehicle device drops onto the floor,
it may startle you into abrupt braking or steering, leading to a traffic accident.

If electrolyte fluid leaking from the battery pack gets into your eyes, wash your eyes
immediately with clean water and have your eyes treated by an ophthalmologist
Failing to receive treatment for your eyes may result in eye injury.

When thunder is heard outside, stop using the handset immediately Turn off the handset
and do not touch it

Failing to do so may attract lightning and cause electric shock. When thunder is heard,
stop using the handset and move to a safe place such as inside a building.

If the battery pack fails to charge in the specified time, stop charging immediately failing
to do so may cause overheating, rupturing or fire.

When inserting the rapid charger plug into an AC household outlet, make sure that a
metal strap or any other metal object does not touch the plug

Failing to do so may cause electric shock, short circuit or fire.

If something unusual happens to the handset, battery pack or charger; for example, it
emits smoke or an unusual odour or is damaged, perform the following steps immediately

1. If the battery pack is charging, unplug the rapid charger from the AC household outlet
or unplug the In-Car Charger from the cigarette lighter socket.

2. Make sure that the handset is not hot, then turn it off and remove the battery pack.

Failing to do so and continuing use (charging) may cause the battery pack to overheat,
rupture or catch fire or the handset to overheat.

Do not drop the handset or battery pack or subject it to excessive shock

Doing so may cause overheating, rupturing, fire or malfunction.

Do not sit down with the handset in your trousers pocket

Excess weight may damage the display, battery pack or other parts resulting in
overheating, fire or injury.

If the handset is used near an implanted cardiac pacemaker, defibrillator or other

electronic medical equipment, radio waves may interfere with such a device or equipment
Observe the following guidelines

1. If you have an implanted cardiac pacemaker or defibrillator, carry and use the handset at a distance of at least 22 centimetres away from the implanted device.
2. Turn off the handset in crowded places such as packed trains because a person with an implanted cardiac pacemaker or defibrillator may be nearby. Radio waves can interfere with the operation of a cardiac pacemaker or other medical device.
3. Follow the precautions below in medical institutions.
 - Do not bring the handset into an operating room, intensive care unit or coronary care unit.
 - Turn off the handset in a hospital ward.
 - Turn off the handset in a lobby or other location close to medical equipment.
 - Observe the instructions of individual medical institutions and do not use the handset in or bring it into prohibited areas.
 - Turn off the handset after cancelling any settings such as schedule and alarm settings that turn on the handset automatically.
4. When using electronic medical devices other than an implanted cardiac pacemaker or defibrillator outside of medical institutions (such as at home), consult with the individual medical device manufacturer about the possible influence of radio waves.

The above information conforms to "The Guidelines on Use of Mobile Phones and Other Devices to Prevent Electromagnetic Wave Interference with Electronic Medical Equipment" (Electromagnetic Compatibility Conference Japan, April 1997), as well as refers to "The Investigative Research Report on the Influence of Electromagnetic Waves on Medical Equipment" (Association of Radio Industries and Businesses, March 2001).

Do not use the rapid charger with any power supply other than a 100 to 240 V AC household power supply

Doing so may result in a fire, as well as cause the charger to overheat, catch fire or malfunction.

Do not insert the dry battery of Bluetooth™ Stereo Headset with wrong polarity [(+) & (-)].

Doing so may cause the malfunction of the equipment as well as cause the dry battery to leak.

Do not use the dry battery of Bluetooth™ Stereo Headset after the "Recommended Use-by Date" displayed on the battery expired, or do not leave the used-up dry battery as being inserted.

Doing so may cause the malfunction of the equipment as well as cause the dry battery to leak.

Keep the dry battery of Bluetooth™ Stereo Headset out of the reach of small children.
If it is mistakenly swallowed, consult a doctor as soon as possible because this may cause suffocation or injury to stomach etc.

CAUTION

Do not use or leave the handset or battery pack in places where it will be exposed to direct sunlight or in hot places such as inside a car in the sun

Doing so may cause overheating, fire or malfunction.

Keep the handset, battery pack and charger away from infants and small children

Failing to do so may result in the battery pack or memory card being accidentally swallowed or cause an injury.

Make sure that the charger terminals (metal parts) do not come into contact with wires or other metal objects

Failing to do so may cause overheating or burns.

Do not pull the cord when unplugging the rapid charger or In-Car Charger from an AC household outlet or socket

Damage to the cord may cause electric shock, overheating or fire. Hold the plug when unplugging the rapid charger or In-Car Charger.

Do not pull, bend with excessive force or twist the cords of the rapid charger and In-Car Charger Do not damage or modify them Do not place objects on them Do not apply heat and keep them away from heaters

Damage to a cord may cause electric shock, overheating or fire.

Do not plug or unplug the rapid charger with wet hands

Doing so may cause electric shock or malfunction.

Keep magnetic cards away from the handset and make sure that a magnetic card is not trapped when closing the handset

Failing to do so may cause the magnetic data on a cash card, credit card, telephone card or floppy disk to be lost.

Do not use the handset in a vehicle if it affects in-vehicle electronic devices

Use of the handset in some types of vehicles may, in some rare cases, affect in-vehicle electronic devices and interfere with safe driving.

Do not place the handset on an unstable or unlevel surface

Doing so may result in the handset falling and causing injury or malfunction. Be particularly careful when vibration is set.

Do not dispose of the used battery pack with ordinary garbage

Insulate the connectors with tape and then dispose of the used battery pack separately from ordinary garbage or take it to your nearest SoftBank Shop. Be sure to observe local regulations on the separate collection of used batteries, wherever applicable.

Do not touch the handset with sweaty hands or place it into a pocket of sweaty clothes

Sweat and humidity may erode the internal components of the handset and cause overheating or malfunction.

Do not use the In-Car Charger when the car engine is not running

Doing so may result in a flat battery.

If the fuse for the In-Car Charger blows, replace it with a designated fuse

Replacing the fuse with other than a designated fuse may cause overheating and fire. For details on replacing the fuse, refer to the instruction manual of the In-Car Charger.

If fluid leaking from the battery pack comes into contact with skin or clothing, wash it away immediately with clean water

Failing to do so may cause skin irritation.

Do not use any other dry batteries than the AAA battery for Bluetooth™ Stereo Headset. Doing so may cause the malfunction of the equipment as well as cause the dry battery to leak.

If your skin becomes irritated, immediately stop using the handset and consult with a dermatologist

The following materials and surface treatments have been used for the handset. Some of these materials may cause itching, irritation, eczema, etc. in some rare cases depending on the individual's constitution and physical condition.

Before using the handset, make sure that no metal objects (such as pins) are stuck to the earpiece

Failing to do so may result in a metal object causing an ear injury, etc.

If you have a weak heart, be careful with the call vibration and ringtone volume settings

Failing to do so may startle you and may be harmful to your heart.

Be careful not to trap your fingers or objects when closing the handset and not to trap your fingers in the hinge when opening the handset

Failing to do so may cause injury or damage to the LCD display.

Do not use the mobile light and flashlight for purposes other than taking pictures, recording videos or lighting

Doing so may dazzle the eyes and cause impaired vision or other injury.

Make sure things like paper, cloth and bedding are not placed on the handset during charging using a USB connection, AC adapter, etc.

Failing to do so may cause overheating, fire, burns or malfunction.

Do not turn the volume up too high while using the Stereo Earphone or Bluetooth™ Stereo Headset Do not use Stereo Earphone or Bluetooth™ Stereo Headset continuously for long periods of time

Exposure to high sound levels may impair hearing and prolonged use may cause hearing defect regardless of the volume level. Sound leakage may annoy other people and surrounding sounds may not be heard clearly resulting in an accident.

Do not insert objects other than the memory card into the memory card slot

Doing so may cause overheating, electric shock or malfunction. Cover the slot with the cap at times other than when you are inserting or removing the memory card.

Keep your face away from the memory card slot when inserting or removing the memory card Keep the memory card out of the reach of small children

If the memory card is let go of suddenly, it may fly out and hit your face resulting in injury.

Do not subject the memory card to vibration or shock or remove it from the slot or turn off the handset while data is being written to or read from the memory card

Doing so may cause data loss or malfunction.

Use only the memory card supported by the handset

Failing to do so may cause data loss or malfunction. The handset supports memory cards with a storage capacity of up to 2 GB (as of XXX, 2006).

Do not let children use cables such as a video output cable, the Stereo Earphone or Bluetooth™ Stereo Headset unsupervised and keep cables out of infant's reach. An injury may be caused if, for instance, the cable is wrapped around a neck.

Do not use the mobile light close to eyes

Doing so may cause eye damage. Be especially careful not to take pictures or record videos with the mobile light too close to the eyes of infants.

Do not use excessive force when inserting or removing the USIM card

Doing so may cause malfunction. Be careful not to injure a hand or finger when removing the card.

Use only a USIM card designated for the handset

Failing to do so may cause data loss or malfunction.

Do not remove the polyester film from the external display

Using the handset without the polyester film to protect against shattering of the reinforced glass may result in an injury if the external display is damaged.

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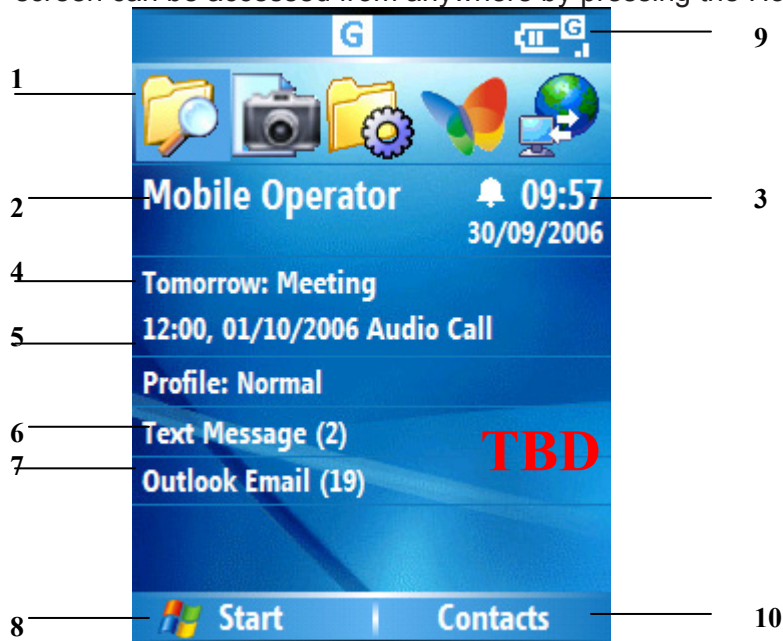
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Chapter 1 Knowing your device

1.1 Getting Started



























Important information such as current date, time, status indicators, appointments and profile are displayed on the Home screen. You can open a program directly by selecting its icon and pressing Enter (the key in the middle of the navigation pad). The Home screen can be accessed from anywhere by pressing the Home key.



1. Recently-used programs are shown here. Click on an icon to run it again.
2. Your wireless service provider's name
3. The Date and time
4. Click to access the details of missed calls
5. Display of appointments
6. The current profile
7. Click here to read new messages
8. Click to display all program icons
9. Display the status indicators – these are described in the next section
10. Click to open messages, Contacts or Call History. The function of this button depends on what events have occurred on the device previously.

1.2 Status Indicators

You will find the below indicators on your screen.

	Voice call		New instant message
	Voice call in progress		New email or text message
	Data call in progress		New voice mail
	Calls forwarded		Bluetooth is on and/or device is visible
	Call on hold		Sync error
	Missed call	abc	Multi-press text input mode, lowercase
	Signal strength	ABC	Multi-press text input mode, uppercase
	Radio connected or no signal	T9	T9 text input mode, uppercase
	Radio off	t9	T9 text input mode, lowercase
	Battery level	<u>T9</u>	T9 text input mode, caps lock
	Very low battery	123	Numeric input mode
	Battery charging		Voice mail at both lines
	No battery or battery fault		Voice mail at line 1
	No SIM card installed		Voice mail at line 2
	GPRS available		Roaming
	GPRS connected		Ringer off

1.3 Entering Information

Input methods

The phone has three input methods for text editing: Multi-press, T9, and Numeric mode. Multi-press and T9 are used for text, and Numeric mode is for numbers entry.

Method indicators

When you move the cursor into a field that requires you to enter text or numbers, it will auto-select an appropriate input method. The present input method status indicator will appear in the top right corner of status bar.

abc	Multi-press text mode in lower case
Abc	Multi-press mode, initial letter is upper case and subsequent letters are lower case
ABC	Multi-press text mode in upper case
<u>ABC</u>	Multi-press text mode with caps lock
123	Numeric mode
t ₉	T9 input mode, lowercase
T ₉	T9 input mode, initial letter uppercase, subsequent letters are lower case
<u>T₉</u>	T9 input mode with caps lock

Multi-press Mode

In this mode, you select the character you require by tapping a certain number of times on a key. For example, to type the letter 'b', you need to tap the '2' key two times. To type the word 'box', you would press:

2, 2 -> 6,6,6 -> 9,9

To select another character from the same key as you have just been using, you need to pause before starting to type again. For example, to type the word 'cab' you would type: 2, 2,2 (wait) -> 2 (wait) -> 2, 2

You can set the amount of time you need to pause from Start > Settings > Accessibility > Multi-press Timeout

T9 Mode

To create a word using the T9 mode, you press the numbers that contain the letters to form the word. For example, to type the word 'any':

Tap2 -> 6 -> 9

The word 'any' will be displayed. Notice though that other words appear in a window below 'any'. These are words that could be created by pressing the keys 2, 6 and 9 in that sequence.

For example, to type the word 'box' you must also type 2, 6, 9. Although the word 'any' is shown initially, scroll down the list of words until you reach 'box' and then press in on the joystick to choose that word. After a little practice this method of input can be much quicker than the conventional multi-press mode.

Note: If the word you wish does not exist, scroll down to the bottom of the list to 'add

word' and select that option. Now type the word you wish to insert into the dictionary. The next time you type that word, it will appear in the suggestions list.

Numeric method

In Numeric method, you can just tap a key in order to enter the corresponding number into a field. Typically the input mode changes to Numeric for the entry of telephone numbers in the Phone application, for address entry in the SMS and MMS applications.

To enter numbers in text

- 1 Press and hold the * to change it to Numeric mode
- 2 Enter numbers with the keypad
- 3 Press the * again and hold to back to T9 mode

 To enter numbers without changing to '123' mode, press and hold the corresponding key for 1 second.

More tips on text entry

In both Multipress and T9 mode, the first letter of a sentence/phrase is capitalized.

- To switch among Uppercase, Lowercase and Caps lock
Press * to switch among Uppercase, Lowercase and Caps lock
- Deleting characters

Press Back to delete a single character

Press and hold the Back key to delete all the characters in the area where you are currently typing.

- Entering space & symbols

In Multipress or T9 mode, press # briefly to enter a space.

Press and hold # to show miscellaneous symbols and characters. Press navigation keys to move to the required character, and **then press the CSK Key to insert it.**

- Entering the '+' character for international calls

Press and hold the '0' key in order to gain the '+' symbol while dialing a telephone number.

Chapter 2 Personalizing your phone

2.1 Home Screen

The Home screen is the screen displayed on the phone when you press the Home key . Please refer to Chapter-1 for details on status indicators which are displayed in the Home screen. You are able to customise the Home screen and this is described in the next few sections below.

There are two categories of file that can be used to create a Home Screen for your device:

- A picture file on its own
- A prepackaged unit that includes a picture, a colour scheme and a new layout

For the first option you may use a .bmp (Bitmap), a .jpg (JPEG) or a .gif format picture.

For the second option you may find prepackaged files with the extension of .hme or .cab.

The guideline document 'How to install a cab file on your smartphone' will guide you through the installation process.

To copy an image to your phone for use as a Home screen

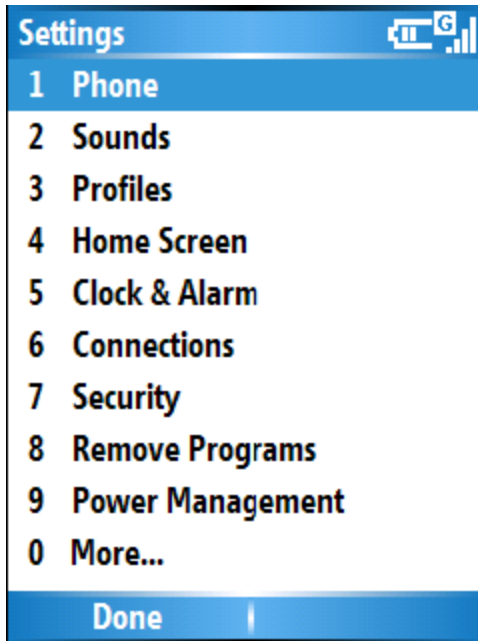
1. If necessary, please install the ActiveSync software on your PC first which is available in the accompanying CD (Chapter 6). Connect the phone to your PC using a USB cable is probably the simplest method.
2. On your PC, copy the image file you want. The file format must be .gif, .jpg, or .bmp.
3. In ActiveSync on your PC, click Explore and double-click My Windows Mobile device .
4. Do one of the following:

Note: For best results, use images with the same screen resolution for your phone's screen resolution, which is 240 x 320 pixels

- Double-click My Documents, double-click the folder My Pictures and paste the image file into that folder.
- If you plan to use the image as your Home screen background, double-click Application Data, double-click Home, and paste the image into that folder.

Changing the Home screen appearance

1. On the Home screen, click **Start > Settings > Home Screen**.
2. Under Home screen layout , Color scheme , and Background image, select the options you want, and click **Done**.



Note: This applies throughout the rest of the document whenever you access any phone settings which shows numbers listed. Also, you may need to press 0 (More...) if the setting is hidden in the next page.

 Simply press one of the numbers (here it is 4) on the keypad for fast selection of a menu item or you can use the NAVIGATION button to scroll down the list.

An alternative method to set an image as the Home screen

1. On the Home screen, click **Start > Pictures & Videos**.
2. Select the picture to set as the background.
3. Click **Menu > Use as Home Screen**.
4. Use NAVIGATION button to select the portion of the picture you want to use, and click **Next**.
5. Under Adjust the transparency, select a higher percentage for a more transparent picture or a lower percentage for a more opaque picture.
6. Click **Finish**.

2.2 Ring Tone

A ring tone is a sound made by the phone to indicate an incoming call. This sound can be different for different persons according to your contacts list. The ring tone is made up from the sound file. This sound file can also be used for other events such as notification or reminders when a calendar appointment is due.

Copying a sound to your phone

After a sound file is copied to your phone, you can use it as a ring tone, notification, or

reminder.

1. Connect the phone to your PC using a USB connection (see the chapter on ActiveSync setup for your PC).

2. On your PC, copy the sound file you want.

3. In ActiveSync on your PC, click Explore and double-click My Windows Mobile device .

Note: For ring tones, the sound files can be in either midi, wma, mp3, mmr or wav file format. For notifications or reminders, use either midi, wma, mp3, mmr or wav files.

 When you select a sound, let the sound plays. To hear it again, select Menu > Play.

4. Do one of the following:

- To save the sound file on your phone, double-click Application Data , double-click Sounds , and paste the file into that folder.

- To save the sound file on your storage card, double-click Storage Card , and paste the file into the folder you want.

Specifying the sound for an event

1. On the Home screen, click **Start > Settings > Sounds** .

2. Under an event, click a sound. The phone plays each sound as you select it. Click **None** if you don't want to hear a sound.

3. Repeat for each event, and click **Done** .

To change the current profile

The Profile feature defines how your phone notifies you of incoming calls, alarms etc. For example

Normal – For day-to-day use. Device will ring.


Silent – Device will not ring or vibrate.

Meeting – vibrates as you are in a meeting

1. On the Home screen, click **Profile [Type]** . Example: **Profile Normal** .

2. Click a new profile, and click **Done**.

Note : Some profiles are selected by the device depending how it is being used at the time. For example, the device will move to 'Headset' profile when you plug in a headset

 You can also change the profile by using the Quick List. Long-press the Volume Up key on the side of the phone to select the desired profile.

The Automatic profile has special features. If you choose this profile the phone will act as if in 'Normal' mode. However, if you have set up a calendar appointment, then the phone will move to 'meeting' profile when the appointment takes place.

Customizing a Profile

1. On the Home screen, scroll down the screen then select and click **Profile [Type]** . Example: **Profile Normal** .

2. Select the profile to edit.

3. Click **Menu > Edit** .

4. Do one of the following:
 - Modify the settings, and click **Done** .
 - To cancel without saving changes, click **Cancel** .

 To revert to the default profile settings, click **Menu > Reset to default**.


2.3 Settings

Although these are not mandatory to use the phone, for optimum use it is advised that you go through and set them up.

Setting the date and time

1. On the Home screen, click **Start > Settings > Clock & Alarm > Date and Time** .
2. In **Time Zone** , select your time zone.
3. In **Date** , edit the month, day, or year using the navigation button to get to each field.
4. In **Time** , edit the hour, minute, and second.
5. Click **Done** .

Note: These settings are lost if you hard reset your phone. Your settings will be remembered if you power off the device. If the battery is fully discharged, then your personal settings are also preserved.

 To change the format of the date for your region, set this using the 'Regional Settings' menu described later on.

To set the alarm

1. On the Home screen, click **Start > Settings > Clock & Alarm > Alarm** .
2. In **Alarm** , choose one of the following:
 - Off to turn the alarm off.
 - On to turn the alarm on.
3. In **Alarm time** , enter the time(*) for the alarm to go off.
4. Click **Done** .

Entering owner information

Entering and displaying owner information may be a good practice to follow; they could allow someone to return the phone to you in case it is lost.

1. On the Home screen, click **Start > Settings > More > Owner Information** .
2. Complete the following:
 - In **Name** , enter your name.
 - In **Telephone**, enter a number where you can be reached.
 - In **E-mail address**, enter your e-mail address.
 - In **Notes**, enter any other information you want to include.
3. Click **Done** .

Changing accessibility settings

1. On the Home screen, click **Start > Settings > More > Accessibility** .
2. Select your preference for the following:
 - **System font size** to set the size of the font that is displayed on the screen.
 - **Multipress time out** to set the length of time between keypresses when entering text in Multipress mode.
 - **Confirmation time out** to set the delay before an unconfirmed action times out.
 - **In-call alert volume** to set the volume of sounds that play when you are in a call.
3. Click **Done**.

Note: The format of the time(*) is dependent on the time format setup in your phone settings under Regional Settings, i.e. 24-hour format or hh:mm:ss AM or PM

Changing regional settings

You can specify the language, locale, date and time format, as well as number and currency formatting options.

1. On the Home screen, click **Start > Settings > More > Regional Settings** .
2. In **Language**, select your preferred language.
3. In **Locale**, select the locale for the language you selected. The locale option automatically changes the format of the remaining options (such as date, time, and currency) according to the locale you specify.
4. Click **Done**.

Note: The phone automatically warns you that the phone must be powered off and on again for the changes to take effect.

Changing power management settings

You can use Power Management to check the battery and configure settings that prolong battery life.

1. On the Home screen, click **Start > Settings > Power Management**.
2. Adjust the following:
 - In **Backlight time out on battery** , select the amount of time for the phone to be idle before the backlight turns off.
 - In **Backlight time out on AC** , select the amount of time for the phone to be idle before the backlight turns off when using AC power.
 - In **Display time out** , select the number of minutes for the phone to be idle before the screen turns off.
3. Click **Done**.

 **Main battery** indicates the amount of battery life remaining.

2.4 Security

It is advisable to place some security in your phone and the SIM card in the event that it is

lost or stolen. However some security features can also be applied to prevent the phone from unauthorised use. The security which can be applied to the phone is –

- Keypad lock – to prevent the phone from making a call if the device keypad is accidentally pressed when it is placed in a hangbag or a pocket
- Device lock – prevents unauthorised use of the phone
- **SIM PIN enable** – prevents unauthorised use of the SIM card in any phone

Enabling your SIM PIN

Be sure to make a note of your personal identification number (PIN). When the SIM PIN is disabled, you must provide this PIN to enable the SIM. The PIN associated with your SIM card is provided when you obtained the SIM card originally from your Service provider.

1. On the Home screen, click **Start > Settings > Security > Enable SIM PIN**
2. Enter the current PIN and click **Done**

Disabling your SIM PIN

This option is available only if your SIM PIN has been enabled first.

1. On the Home screen, click **Start > Settings > Security > Disable SIM PIN**
2. Enter your current PIN, and click **Done**.

Note: If you fail to enter the correct PIN for your SIM card after 3 attempts, you will need to contact your Service Provider for the Personal Unblock Key (PUK). Do NOT attempt to guess the PUK thereafter as it will render your SIM card permanently inoperative after a 10 incorrect PUK attempts.

Changing your SIM PIN

This option is available only if your SIM PIN has been enabled first.


1. On the Home screen, click **Start > Settings > Security > Change SIM PIN**
2. Enter your current PIN and New PIN including its confirmation
3. Click **Done**.

Enabling the Keypad lock

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

- On the Home screen, press and hold the Home key.
- Once the keypad is locked, the left soft key label changes to **Unlock** .

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

 Press **POWER** button on the left side of the phone to display the Quick List and click **Key lock**.

Unlocking the Keypad

Simply press the Unlock key in the Home screen and the screen prompts you with the correct key press required to unlock the keypad.

Enabling the Device lock

This complements the SIM PIN feature to provide additional security to your phone. It means that the phone is protected from unauthorised use.

1. On the Home screen, click **Start > Settings > Security > Device Lock** .
2. In **Lock phone after**, select the amount of time for the phone to be inactive before automatically locking.
3. Enter and confirm your password - simple PIN or Alphanumeric(this can include punctuation chars)
4. Click **Done**.

Disabling the Device lock

1. On the Home screen, click **Start > Settings > Security. > Device Lock**
2. You will be prompted for the password
3. Uncheck the “Prompt if device unused for” field
4. Click **Done**.

Note: Please make a note of the password. Otherwise, to make use of the phone again would require the phone to be hard reset and your personal data erased during the hardware reset!

 To lock the phone quickly, press and hold the volume up key to display the Quick List, select Device lock, and repeat steps 2 – 4 above.

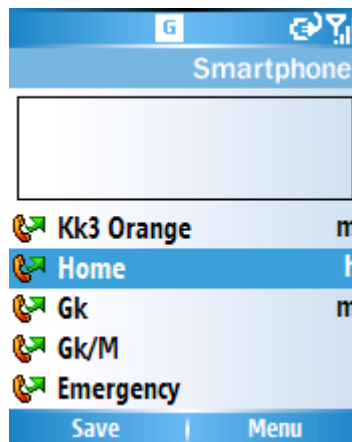
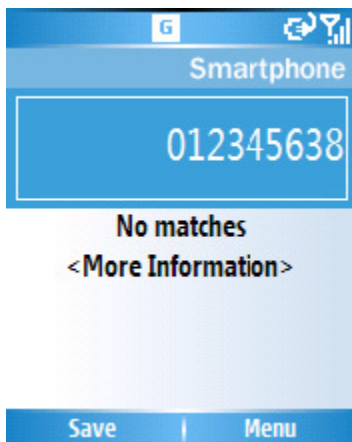
Chapter 3 Using your phone

3.1 Making a call

You can make calls from one of a number of screens in your phone – Home screen, phone screen, Contacts and SIM contacts (contacts which have been setup in the SIM card), Speed dial and Call history. These are described in the following pages.

Make a call by entering a phone number

From the Home screen, click either the green Phone button or any key on the numeric keypad to get a screen button to call that number similar to one of the screenshots below



Enter the number you wish to call and then press the Phone button to dial. Alternatively, scroll down the list to the item required and press the Phone button to dial.

Make a call by entering a contact name

1. On the Home screen, begin entering the contact name.
2. A list of contacts matching your keystrokes will be displayed. When you see the contact name, scroll down the list to select it and then either press TALK or Enter key twice.

Make a call from an open contact

1. On the Home screen, either click **Contacts** soft key if available or click **Start > Contacts**
2. Select and click the contact to call
3. A list of numbers will be shown to select and call with either the Phone or Enter key

Making a call from the contact list

1. On the Home screen, click **Start > Contacts** .
2. Select the contact, and press TALK.
 - ⚠ If you have a long list of contacts, you can use a shortcut to find the contact you want. Enter the first few letters of the contact's name. When you do this, the phone searches through the contact list and displays the name. To call the contact, press TALK.
 - ⚠ Alternatively, you can get your Contacts by pressing the right softkey from the Home screen.

Note: A contact may be setup with a work phone number (w), mobile phone number (m) and a home phone number (h). By default, if the contact is dialed from the contact list, the phone will select the mobile phone number unless you expand this list and scroll down to the phone number required.

Note: You can change the default number called for each contact. In the Contacts

application, highlight a contact. You may press the left and right navigation keys to change the number that will be called. The letter on the right of the contact will indicate the default number being dialed.

Making a call from Call History

Call History displays calls you have made, received, and missed recently.

1. On the Home screen, click **Start** > Call **History** .
2. Select the name or phone number to call.
3. Press TALK.

Making a call using a recently dialed phone number

1. On the Home screen, press TALK.
2. Select the name or phone number to call.
3. Press TALK.

Making an emergency call

- Enter the emergency phone number for your location and press TALK.

Note: You can make calls to emergency service numbers under any circumstances, even if you have enabled the SIM PIN and/or locked the phone.

Dialing the last number called

- On the Home screen, press TALK twice.

Creating a speed dial

A speed dial is a short cut using one or more digits of your numeric keypad to call a frequently used phone number by pressing that number on the keypad. You can create a speed dial for a phone number, e-mail address or Web page address that is stored in Contacts.

1. On the Home screen, click **Start** > **Contacts**.
2. Click the contact for whom to create a speed dial.
3. Select the phone number, e-mail address, or Web page address for which to create a speed dial.
4. Click **Menu** > **Add to Speed Dial**.
5. In **Keypad assignment**, select the speed dial number to use by scrolling thru the desired speed dial.
6. Click **Done**.

Note: The digit 0 is reserved to bring up the '+' symbol in international dial strings (the equivalent of dialing '00' in many countries) when you press and hold '0'. The digit 1 is reserved for calling your voice mailbox as a speed dial option. The Voicemail Speed Dial

is normally pre-configured by the SIM card. If it is not set automatically you need to set this up by going to Start > Settings > Phone > Call Options > Voice Mail Number. You can find this number by calling your Service Provider.

Using a speed dial

On the Home screen, press and hold the number on the keypad that you have assigned as a speed dial for the phone number, e-mail address, or Web page. If the speed dial is two digits, press the first digit, then press and hold the second digit. The phone dials the phone number, opens a new e-mail message, or goes to the Web page.

Viewing and editing a speed dial

1. On the Home screen, click **Start > More > More > Speed Dial**.
2. Select the speed dial and click **Edit**.
3. Make any changes and click **Done**.

Deleting a speed dial

1. On the Home screen, click **Start > More > More > Speed Dial**.
2. Select the speed dial to delete.
3. Click **Menu > Delete**.

3.2 Receiving a call

Answering a call by pressing any key

Normally, the green Phone button is the default button to answer an incoming call. To override this and use any button to answer instead –

1. On the Home screen, click **Start > Settings**.
2. Click **Phone > Call Options**.
3. Select **Any key answer** until there is a tick in its box and click **Done**.

Answering or ignoring a call

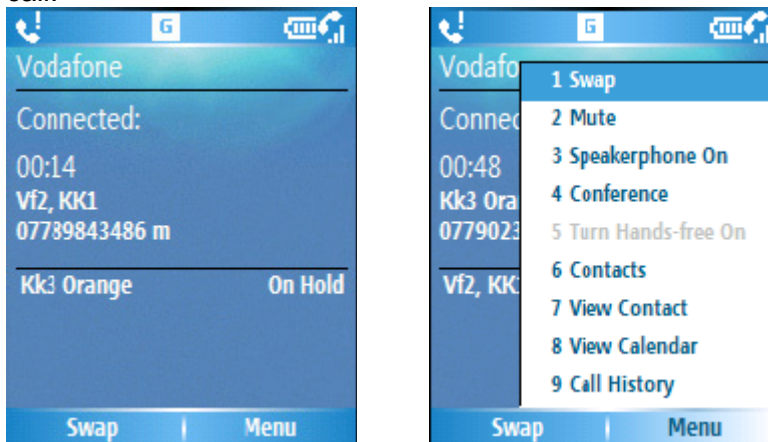
- To answer the call, press TALK or click **Answer** .
- To reject the call, press END or click **Ignore** .

Note: Selecting **END** or **Ignore** will connect the caller to your voice mail if you have subscribed to this service.

3.3 In-Call Options

Answering or postponing a second call

For this to work, you will first need to enable the call waiting option from your Home screen by clicking **Start > Setting > Phone > Provide Call Waiting notifications**. After this option has been enabled on your phone and the settings have been sent automatically by your phone and accepted by your Service Provider, you will receive an audible and visual notification on your phone if another call comes in during your current call.



- To put the first call on hold and answer the second call, press TALK or click **Answer** . To switch between calls, click **Swap**.
- To avoid answering the call, click **Ignore**. Either the 2nd call is disconnected or it is diverted to voice mail if you have subscribed to this service.

Making a second call while already in a call

It is possible to make a second call while you are already in a call. To do this, press **Menu > Hold** to place the first call on hold. Then dial the second number and press the TALK key.

Your first call will remain on hold. You may swap between the two calls by pressing the TALK key or press **Menu > Swap**.

To join two or more calls together in a conference

You may join two or more calls together in order to make a conference call. To do this, make sure you have two calls on your phone – one should be active and the other should be on hold. Then select **Menu > Conference**. The two calls will be joined together and each party will be able to hear the other.

You may now add another party to the conference by dialing another user and again

choosing **Menu > Conference**.

If you wish to have a private conversation with one of the callers, you may split the conference call back up into its individual users. With the conference running choose **Menu > Private**. Then select the caller with whom you wish to have the private conversation.

Note: The conference feature is dependent on your Network Provider supporting it. Please check to ensure you can use this function

To put a call on speakerphone

Your phone may also be used in Speakerphone mode which means that the caller's voice will be played back over the loudspeaker instead of the earpiece.

You must be in a call to enable the speakerphone. To enable, press **Menu > Speakerphone On** or press and hold the green Call key for 2 seconds.

To switch off Speakerphone, select **Menu > Speakerphone Off** or press and hold the green Call key for 2 seconds.

Note: Your next call will not be in Speakerphone mode automatically, even if you left the function switched on in the previous call.

3.4 Special Dialing requirements

Insert a manual pause in a dialing sequence

Calls to certain networks may require a pause in between the dialed digits. To do this,

1. On the Home screen, click **Start > Contacts**.
2. Click the contact in whose phone number you want to insert a pause.
3. Select the phone number and click **Menu > Edit**.
4. Place the cursor where you want to insert the pause.
5. Click **Menu > Insert Wait**. The letter w appears where the manual pause will occur in the dialing sequence.
6. Click **Done**.

Note: To resume dialing after reaching a manual pause, press TALK

Insert a three-second pause in a dialing sequence

1. On the Home screen, click **Start > Contacts**.
2. Click the contact in whose phone number you want to insert a pause.
3. Select the phone number and click **Menu > Edit**.
4. Place the cursor where you want to insert the pause.
5. Click **Menu > Insert Pause**. The letter p appears where the three- second pause will occur in the dialing sequence.
6. Click **Done**.

Insert an international country code

To make an international call you must include a country code at the beginning of the dialing sequence for the phone number.

- Enter the country code, press and hold 0 until a plus (+) sign appears, and then enter the rest of the phone number.

Note: You can insert a plus (+) sign into a contact's phone number or dial it directly from the keypad.

3.5 Video Telephony

You can make video calls to your contacts. Detail descriptions are in the following pages.

Making a video call

1. On the Home screen, press **Talk** key.
2. Input phone number in dial pad screen
3. Click **Menu > Video call**. Video call will be made immediately.

Answering a video call by pressing any key

Normally, the green Phone button is the default button to answer an incoming call. To override this and use any button to answer instead –

1. On the Home screen, click **Start > Settings**.
2. Click **Phone > Call Options**.
3. Select **Any key answer** until there is a tick in its box and click **Done**.

Answering or ignoring a video call

- To answer the call, press TALK or click **Answer** .
- To reject the call, press END or click **Ignore** .

Chapter 4 Getting connected

Your device is built for connectivity. This chapter will guide you this set up.

4.1 Automatic setup of your data connections

Your device is able to configure itself for data services for many of the major operators across the world. Simply insert your SIM card and switch on your device. When the device powers on, **it will configure itself or Web, WAP and MMS services**. If the settings are not known for your operator, the device will notify you and you will need to enter these manually.

Note: The use of Web and WAP access and Multimedia Messaging Service is subject to your Mobile Service Provider. You must ensure that your subscription has Web , WAP and MMS enabled before using these services.

4.2 Manual setup of your data connections

Introduction

You may connect to the internet in using your mobile service provider' s data network. The mobile operator may offer you service through a GPRS connection (fast, but generally billed by volume of data transferred), or through a Circuit Switched (slow, generally billed by amount of time connected). You should check with your mobile service provider how you may access the internet using their network.

Create a GPRS connection

GPRS is a packet-based wireless communication service which allows users to send and receive data with their mobile phones in applications such as Email and web-browsing. Normally, use of this service is charged by the Service Provider based on the data traffic volume.

Every network connection is different. You should gather all of the relevant information or network settings you need from your Mobile Service Provider before starting this process.

1. On the Home screen, click **Start > Settings > Connections**.
2. Click **GPRS**.
3. Click **Menu > Add**.
4. Enter the following information, and click **Done**.
 - In **Description** , enter a name for the connection.
 - In **Connects to** , select the type of network to which you will connect.
 - In **Access point** , enter the access point name.
 - In **User name** , enter your user name for the GPRS network, if required.
 - In **Password** , enter your password, if required.
 - In **Primary DNS** , enter the primary Domain Name System (DNS) address, if required.
 - In **Secondary DNS** , enter the secondary DNS address, if required.
 - In **IP address** , enter the Internet Protocol (IP) address for the device, if required.

The device uses this connection when you open a program that connects to the Internet.

Create a dial-up connection

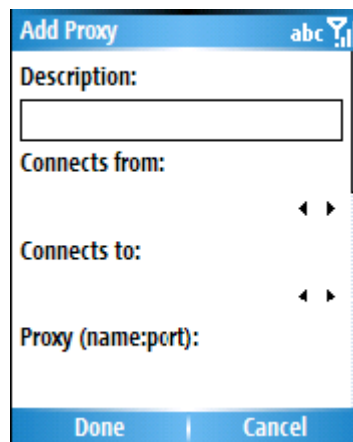
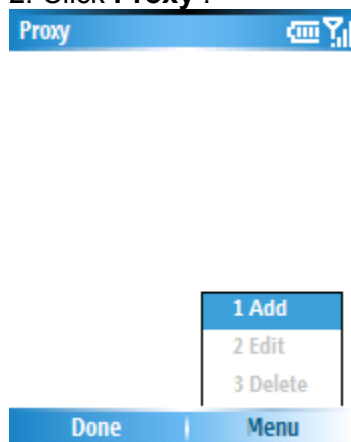
Every network connection is different. You should gather all of the relevant information or network settings you need before starting this process.

1. On the Home screen, click **Start > Settings > Connections**.
2. Click **Dial-up**.
3. Click **Menu > Add**.
4. Enter the following information, and click **Done**.
 - In **Description**, enter a name for the connection.
 - In **Connects to**, select the network.
 - In **Phone number**, enter the phone number to be used to dial the network.
 - In **User name**, enter your network user name, if required.
 - In **Password**, enter your password, if required.
 - In **Domain**, enter the domain name, if required.

Create a proxy connection

Dependent on your Mobile Service Provider's configuration, you may need to add a proxy connection to allow your phone to access the internet or WAP services. Every network connection is different and your service provider will be able to advise if there is a requirement for this. You should gather all of the relevant information or network settings you need before starting this process.

1. On the Home screen, click **Start > Settings > Connections**.
2. Click **Proxy**.



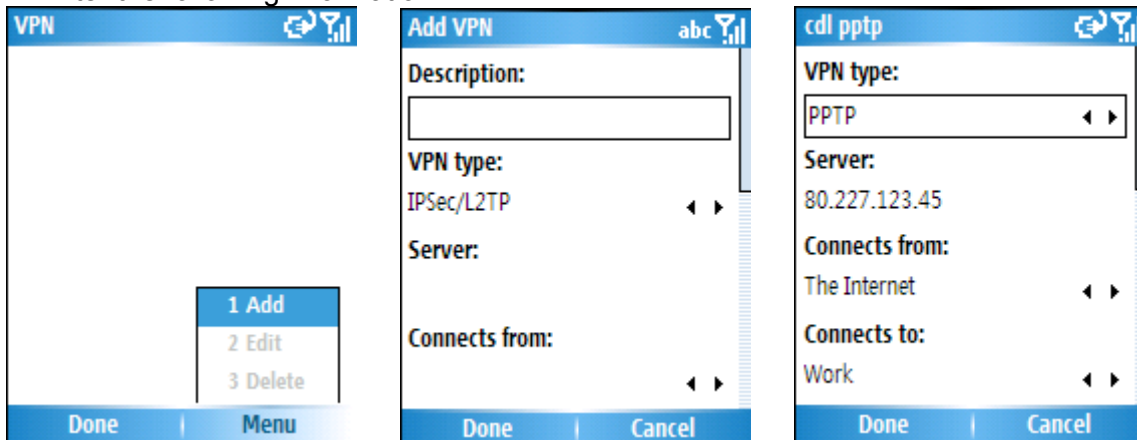
3. Click **Menu > Add**.
4. Enter the following information, and click **Done**.
 - In **Description**, enter a name for the connection.
 - In **Connects from**, select the type of network from which you will connect.
 - In **Connects to**, select the type of network to which you will connect.
 - In **Proxy [name:port]** enter the proxy server name and port number in this form: server name:port number.
 - In **Type**, select the type of proxy connection to create.
 - In **User name**, enter your user name for the network to which you will connect.

- In **Password** , enter your password.

Create a VPN connection

Please ensure that you have setup a successful GPRS connection first – the VPN connection uses the GPRS connection for connection to your Work network. You should gather all of the relevant information or network settings you need before starting this process. For the VPN to work, please refer to the next section – Connect to intranet URL also.

1. On the Home screen, click **Start > Settings > Connections**
2. Click **VPN**.
3. Click **Menu > Add**.
4. Enter the following information

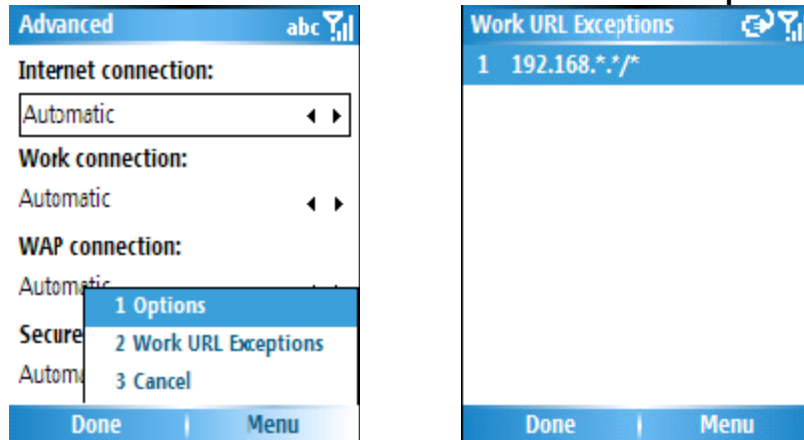


- In **Description** , enter a name for the connection.
- In **VPN type** , select the type of VPN.
- In **Server** , enter the VPN server name.
- In **Connects from** , select the type of network from which you will connect to the VPN (typically The Internet).
- In **Connects to** , select the type of network to which you will connect (typically **My Work Network**).
- In **User name** , enter your user name for the VPN.
- In **Password** , enter your password.
- In **Domain** , enter the domain name, if required.
- If you selected **IPSec** in **VPN type** , in **IPSec authentication** , select the type of authentication: **Pre-Shared Key** or **Certificate** .
- If you selected **Pre-Shared Key** in **IPSec authentication** , in **IPSec Pre-shared key** , enter the key.
- Click **Done**.

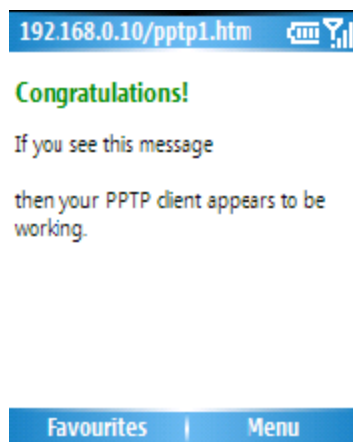
Connect to intranet URLs

Some companies use periods in their intranet URLs (for example, intranet.companyname.com). A Work URL exception tells Internet Explorer Mobile and/or Activesync to look on the Work network to find the URL instead of searching the Internet. This has to be setup also if you wish to browse web sites in your intranet through your VPN connection.

1. On the Home screen, click **Start > Settings > Connections**.
2. Click **Menu > Advanced > Menu > Work URL Exceptions**.



3. Click **Menu > Add**.
4. In **URL Pattern**, enter the URL, and click **Done**. Separate multiple URLs with a semicolon (;).



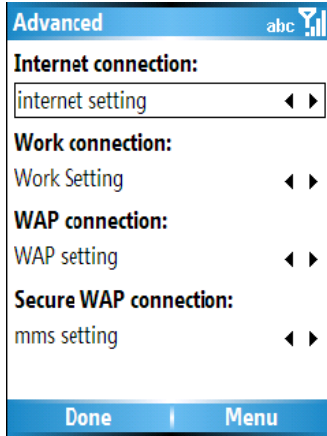
Note: You should not create URL exceptions for URLs on the Internet. Above is an example of an intranet URL which has been successfully. An intranet URL can be either IP addresses in your work intranet or a FQDN (Fully Qualified Domain Name).

Use a specific connection to connect to the chosen networks

In order for the device to connect to the right access point for a particular type of data transfer, you must define which connection connects to which network

1. On the Home screen, click **Start > Settings > Connections**.

2. Click **Menu > Advanced**.
3. In **Internet** connection, select the connection you want to use for general Web access, and click **Done**.
4. Similarly, select the connection you wish to use for the WAP network
5. The **Work Network** connection is used if you are planning to use a Virtual Private Network connection.



4.3 Bluetooth

Bluetooth is a short-range radio frequency technology that connects devices together for transmitting voice and data. The range is usually up to 10 metres, and typical applications are for connecting your phone to Bluetooth wireless headphones and Bluetooth Global Positioning System (GPS) units.

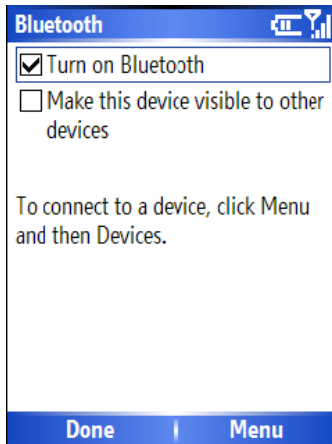
Bluetooth works by creating a pairing between two devices. This pairing is known as a 'partnership'. This partnership exists if the devices are moved out of range of each other or even if the devices are switched off. When the devices are switched back on or are moved into range, they will be connected with each other without needing to bond them again.

Bluetooth has 3 modes: Off, On and Visible. When the Bluetooth is Off, there is no power to the Bluetooth radio and so it does not function. When Bluetooth is set to On, your device will be connected to the devices it is already bonded with, but new devices will not be able to find your device. In Visible mode your device will act as the On state, but it will be also found by other devices and you will also be able to receive information being beamed to it.

Turn Bluetooth On and Off

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

1. On the Home screen, click **Start > Settings > Connections > Bluetooth**.
2. Tick the box for 'Turn on Bluetooth' to activate it. Untick this box to deactivate.



3. If you wish to allow this device to be seen by other Bluetooth devices nearby, tick the box for 'Make this device Visible to other devices'.

Note: You can also turn Bluetooth on and off using the Wireless Manager described later in this manual.

To create a Bluetooth partnership from your device to another device

This method can be used to connect a Bluetooth headset to your device.

Ensure that the two devices are within close range, your device has Bluetooth turned On and that the device you wish to connect to is in Discoverable mode.

1. On the Home screen, click **Start > Settings > Connections > Bluetooth**.
2. Click **Menu > Devices > Menu > Add new device**. Your device searches for other Bluetooth-enabled devices and displays them in the list.
3. Select the device with which you want to create a Bluetooth partnership, and click **Add**.
4. In **Passcode**, if you want to use a passcode (recommended for enhanced security), enter an alphanumeric passcode between 1 and 16 characters, and click **Done**. Otherwise, leave the passcode blank, and click **Done**.
5. Enter the same passcode on the other partner device and respond to any prompts from it also.

To make your device visible to other Bluetooth users

Go to **Menu > Bluetooth options**. This will take you to the Bluetooth screen described in chapter 4.3

Note: You can have more than one concurrent Bluetooth partnerships.

For situations where you wish to share the services of your own phone for another device (for example Internet Sharing), you should follow the guidance in 'Accepting a Bluetooth Partnership'.

⚠ Once you create a partnership, the Bluetooth-enabled devices do not need to be set to Discoverable to beam information between them; Bluetooth only needs to be

turned on.

End a Bluetooth partnership

1. On the Home screen, click **Start > Settings > Connections > Bluetooth** .
2. Click **Menu > Devices**.
3. Select the Bluetooth partnership you want to end.
4. Click **Menu > Delete**.

Make your device visible to other Bluetooth devices

Your device must be set to visible:

- To receive beamed information
- To allow beaming devices or computers to detect your device.
- For your **device** to offer services to other devices (such as Internet Sharing)

1. On the Home screen, click **Start > Settings**.
 2. Click **Connections > Bluetooth**.
 3. Select **Make this device visible to other devices** in the Bluetooth screen.
- Other Bluetooth-enabled devices can now detect your device and attempt to beam information to it, establish a Bluetooth partnership, or use a Bluetooth service.

Accept a Bluetooth partnership

1. Ensure that Bluetooth is turned on and that your device is visible.
 2. When prompted to accept a Bluetooth partnership with **the other devices**, click **Yes** .
 3. In **Passcode**, if you want to use a passcode (recommended for enhanced security), enter an alphanumeric passcode between 1 and 16 characters, and click **Done**. You must enter the same passcode that was entered on the device requesting the Bluetooth partnership.
- The Bluetooth partnership is created. You can now exchange information with **the other devices** the other device.

Overview of Bluetooth virtual COM ports

Some programs can connect only **through** a serial (COM) port. This can be true even if the device itself is Bluetooth-enabled. To make it possible for such programs to use a Bluetooth connection, you must set up a virtual COM port. Once created, this virtual port can be used like any other COM port. You can use a virtual COM port for programs that, for example, connect to a GPS receiver, or to connect to a Bluetooth-enabled printer.

Set up an incoming Bluetooth COM port

1. Make sure that your device is currently connected to the other device via Bluetooth.
2. On the Home screen, click **Start > Settings > Connections > Bluetooth**.
3. Click **Bluetooth > Menu > COM Ports**.
4. Click **Menu > New Incoming Port**.
5. Select a numbered COM port from the list.
6. To use this COM port to communicate only with devices with which your device has a Bluetooth partnership, select the **Secure Connection** check box.
7. Click **Done**.

Set up an outgoing Bluetooth COM port

The New Outgoing Port menu command is available only if one or more Bluetooth-connected devices **support** serial (COM) connections.

1. Make sure that your device is currently connected to the other **devices** via Bluetooth.
2. On the Home screen, click **Start > Settings > Connections > Bluetooth**.
3. Click **Bluetooth > Menu > COM Ports**.
4. Click **Menu > New Outgoing Port**.
5. Select a numbered COM port from the list. If the port cannot be created, it is on use. Select a different numbered port.
6. To use this COM port to communicate only with devices with which your device has a Bluetooth partnership, select the **Secure Connection** check box.
7. Click **Done**.

4.4 Beams

The term Beam is used to describe the short range transferring of information between two units. Beaming only refers to **passing information via Bluetooth**. An example of beaming could be you wishing to send the details of a contact to another Windows Mobile device.

To Beam an item

In the Calendar, Contacts, Notes, Tasks, and **Pictures & Videos** programs, you can beam files and information to other devices using Bluetooth.

1. From the program, select the item you want to beam, such as an appointment in Calendar, a task in Tasks, a **contact** in Contacts, or a picture in **Pictures & Videos**. In Calendar, first open the appointment in Agenda view. Click **Menu > Beam** Appointment.
 2. In the contacts application, you should go to **Menu > Send Contact > Beam**
- Do one of the following:

- If using Bluetooth, select the device to which you want to send the item.
3. Click beam.

Receive beamed information

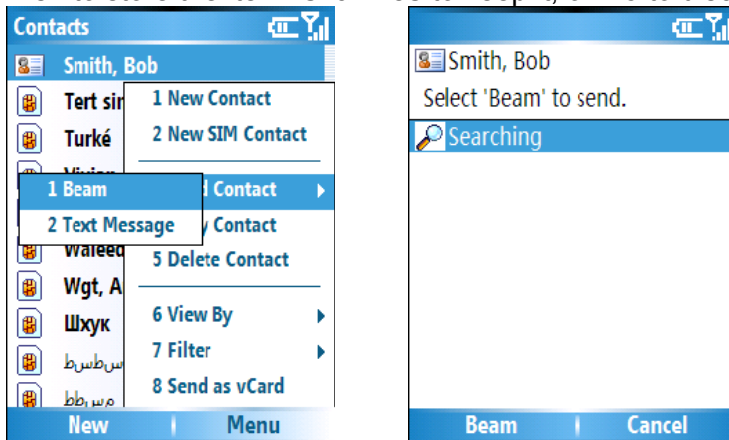
Your device is set by default not to receive beamed information. This is for the security of your device. In order to accept data you must make the one- off menu selection below.

Configuring your device to receive beamed information

1. On the Home screen, click **Start > Settings**.
2. Click **Connections > Beam**.
3. Select **Receive incoming beams**.

To receive beamed information

1. **Do as the** following:
Bluetooth is set with a tick against the option 'Make this device visible to other **devices**' and is within close range.
2. You will be notified when data is being received on your device.
3. Once the information has finished being transferred, you will be asked whether you wish to store the item. Click **Yes** to keep it, or **No** to discard.



Chapter 5 Messaging

This chapter describes how you can create or delete, send or receive, and organise or store your messages in the phone –

- Text **message** (Text message) – you need not setup an account for this if your phone has a valid SIM card unlike the other **accounts** below,
- Outlook **Email**

- Multimedia **message** (MMS)


A guide to the messaging application **Messenger is also given** – which allows online chat over-the-air and access to your Hotmail account.

5.1 Text message

Text **Message** (also known as SMS) is a popular way of sending short messages to other mobile phone users, and in some countries to land lines as well. Each text message is a maximum of 160 characters long. In some countries the maximum size is 70 characters if accented or other special characters are used. Several text messages can be joined together to make one message, and your device will do this automatically.

Create a text message

1. On the Home screen, click **Start > Messaging > Text message**.
2. Click **New**.
3. In the **To:** field, enter the mobile phone number of recipients. Insert a semicolon (;) between multiple recipients. You may also choose a contact by pressing **Menu > Add Recipient**.
4. Click **Send**. The Text **messages is sent** immediately.

 In the **To:** field, you can enter phone numbers from your **contact list** quickly. Press ENTER when the cursor is in this field. A new screen displays the contact list for your selection. Press ENTER again for the selection and the phone returns to the **text message** screen. Repeat this for **as many contacts as you wish to send the Text message to**.

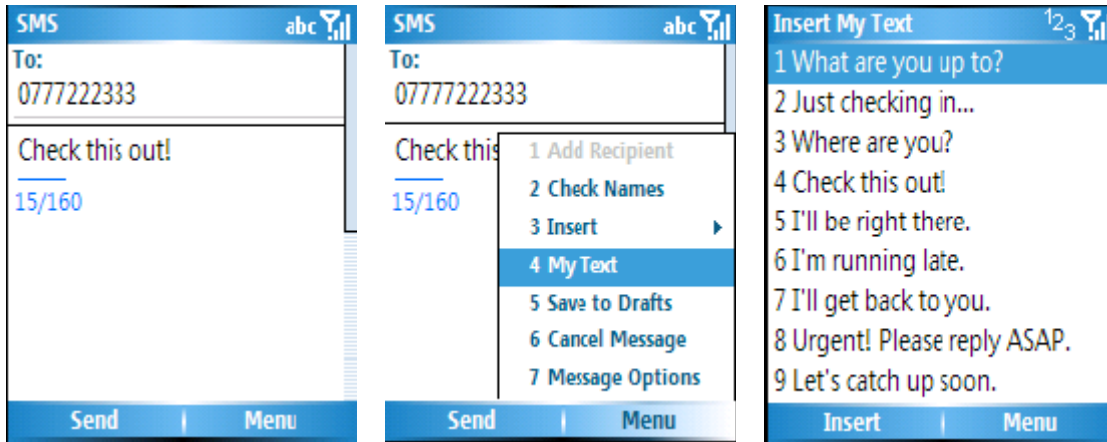
 To cancel a message, click **Menu > Cancel Message**.

 If you **request** Delivery notification, in the message creation screen, click **Menu** and select **Message Options** to enable this.

Insert predefined text into message

To save time when entering text, you can insert predefined text into messages.

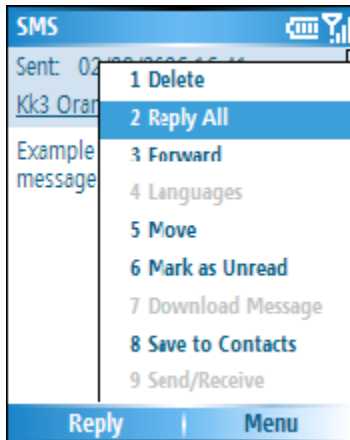
1. On the Home screen, click **Start > Messaging > Text message**
2. Click **New**.



3. Click **Menu > My Text** .
4. Select the text you want to insert by keying the number corresponding to that in the list above

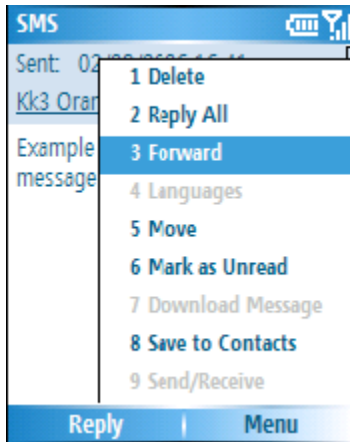
Reply to a message

1. From an open message, click Reply on (bottom left corner) or **Menu > Reply All** (bottom right corner)
2. Enter **messages** in the message area.
3. Click **Send** .



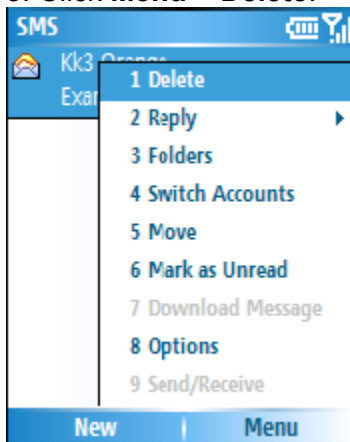
Forward a message

1. From an open message, click **Menu > Forward**.
2. Enter a message in the message area.
3. Choose a recipient to send the message to; either type in the name or click **Menu > Add recipient**
4. Click **Send**.



Delete a message

1. On the Home screen, click **Start > Messaging** and select an account.
2. Select the message to delete.
3. Click **Menu > Delete**.



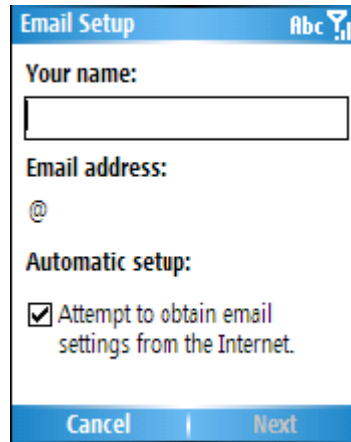
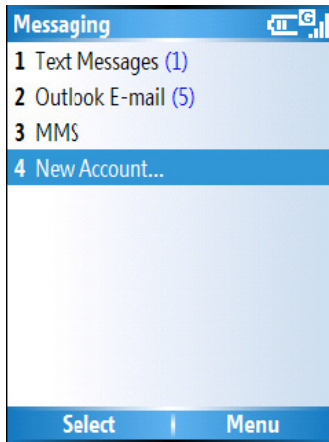
5.2 Email

Before you can send or receive emails, you will need to setup an email account. There are different types of email accounts supported by the phone. **These are** described in the next few pages.

- Internet email account (POP3/IMAP)
- Exchange Server (Outlook)

Set up an Internet email account automatically

1. On the Home screen, click **Start > Messaging**.
2. Select **New Account...**



3. On the next screen choose the option Your **Email** provider: **Other (POP3/IMAP)**
4. In **Your name**, enter your display name for e-mail messages.
Note: If the account is set up successfully, you will be prompted to send and receive e-mail. If not, you must click Next and set up the account manually which is described in the following pages.
5. In **E-mail address**, enter the e-mail address for this account.
6. Select **Attempt to obtain Email settings from the Internet** and click **Next**.

Set up an Internet email account manually

No.	SETTING	DESCRIPTION
1	User name	Usually the first part of your e-mail address, which appears before at the sign (@).
2	Password	Choose a strong password. You will have the option to save your password, so that you do not need to enter it each time you connect to your e-mail server.
3	Domain	The domain name. This may or may not be required by your Internet Service Provider.
4	Server type	The type of e-mail server that hosts your mailbox (POP3 or IMAP).

- 5**

Account name

A name for this account. You must use a different name for each account that you set up.
- 6**

Network

The type of network your e-mail server connects to.
- 7**

Incoming mail server

The name of **your incoming Email** server (POP3 or IMAP4).
- 8**

Require SSL connection

Select this to ensure you always receive e-mail for this account using an SSL connection. This enables you to receive personal information more securely. Please note that if you select this and your ISP does not support an SSL connection, you will not be able to connect to receive e-mail.
- 9**

Outgoing mail server

The name of your outgoing e-mail server (SMTP).
- 10**

Outgoing server requires authentication

Your outgoing e-mail server (SMTP) may require authentication. Note: Your user name and password from above will be used.
- 11**

Outgoing server settings

Your outgoing e-mail server may require different authentication settings than your incoming e-mail server.
- 12**

Use different user name for outgoing server

A check box that lets you enter separate settings for your outgoing e-mail server.

13	User name	Your user name for the outgoing e-mail server.
14	Password	Your password for the outgoing e-mail server.
15	Domain	The domain name of the outgoing e-mail server.
16	Require SSL connection (Outgoing mail server only)	A connection that enables you to send personal information more securely. Prompt that if you select this and your ISP does not support an SSL connection, you will not be able to send e-mail.

Before you set up your Internet e-mail account, ensure that you have the necessary information as listed in the table above. Usually, the manual setup is needed if the automatic setup failed as described in the previous section.

Now you're ready to set up your account

1. On the Home screen, click **Start > Messaging**, and select an account.
2. Click **Menu > Options > New Account**. Select Other (POP3/IMAP), click Next
3. In **Your name**, enter your display name for e-mail messages.
4. In **E-mail address**, enter the e-mail address for this account.
5. Click **Next**.
6. Enter the information above as appropriate until setup is complete, and click **Finish**.

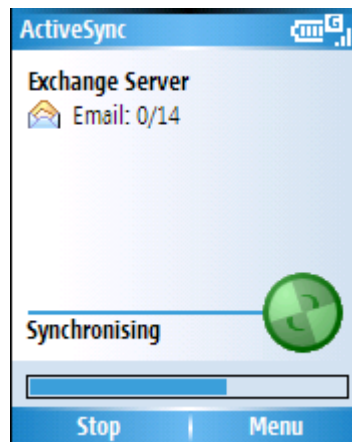
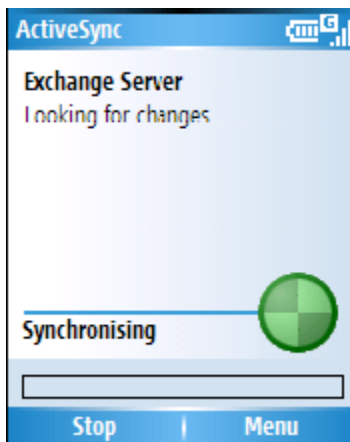
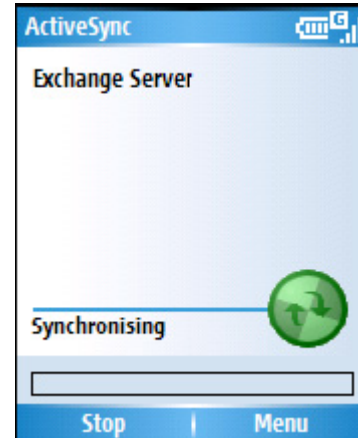
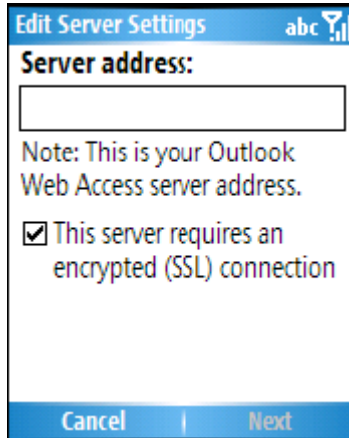
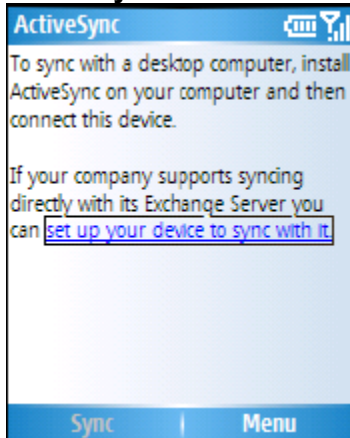
Caution

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

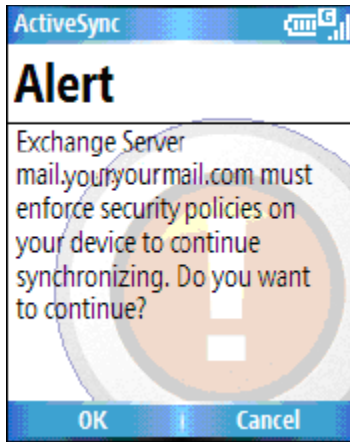
Set up an Outlook e-mail account

An Outlook e-mail account is created and managed by Microsoft's Exchange Server. You will need to have this account setup first before carrying on with the other steps described in this section.

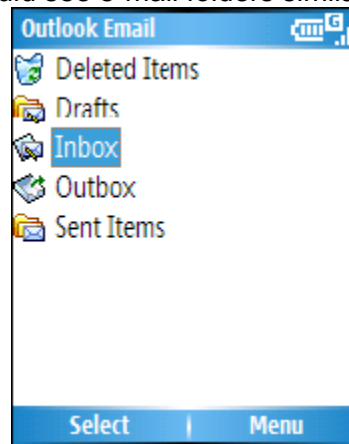
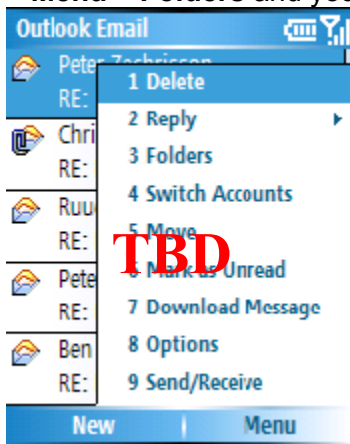
For sending and receiving messages with your Exchange Server, click **Start** > **ActiveSync**



You will get this prompt on your phone if your Exchange Server is qualified to install the feature called MSFP – Microsoft Messaging and Security Feature Pack. For example, Exchange Server 2003 with SP2 has the option to install this. One of the benefits is the ability for the Server to push new e-mails as they arrive to the Outlook client in the phone.




Once the ActiveSync completes successfully, click **Start > Messaging > Outlook Email > Menu > Folders** and you should see e-mail folders similar to the Outlook client in a PC.



View the Inbox message list


On the Home screen, click **Start > Messaging**, and select an account. The Inbox message list displays your received messages.

 To quickly view new messages, click the message notification area on the Home screen.

Create an e-mail message

1. On the Home screen, click **Start > Messaging**.
2. Select an e-mail account.
3. Click **New**.
4. In **To**, **Cc**, and/or **Bcc field**, enter **recipient's e-mail addresses**. Insert a semicolon (;) between multiple addresses.
5. In Subject field, enter a subject.
6. Enter a message.

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

 You can quickly enter e-mail addresses from your contact list. In the To field, press ENTER and select a recipient from the list. Then, select the recipient's e-mail address. The semicolon separator is automatically inserted if you enter multiple recipients. To set the priority of the mail (i.e. to appear as a Low, Normal or High priority in the recipient's inbox), click Menu > Message Options. To cancel a message ,click Menu > Cancel Message.

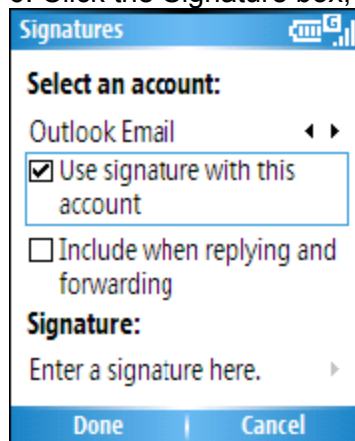
Insert predefined text into message

As described in Section 5.1 Text Message, please refer to the section for details for how to use this facility. You can use it when creating a new message or replying to an e-mail. When the message screen appears, click **Menu > My Text**

Create and add a signature to message

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

1. On the Home screen, click **Start > Messaging** and select an account.
2. Click **Menu > Options > Signatures**.
3. Scroll to the account for which you are creating the signature.
4. Select Use signature with this account.
5. To insert a signature in every message you send, select **Include when replying and forwarding** . Otherwise, a signature is inserted only in new messages.
6. Click the Signature box, enter your signature, and click **Done**.

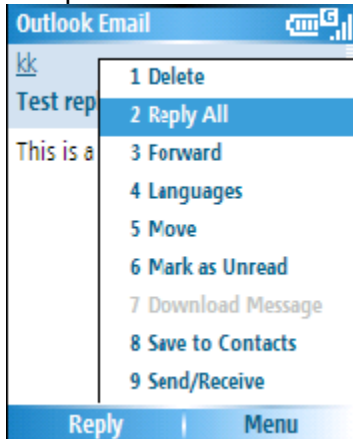


Reply to a message

1. From an open message, click either the softkey **Reply** or **Menu > Reply All**
2. Enter a message in the message area.
3. Click **Send**.

If you are replying to an e-mail in the Outlook E-mail account, you will send less data if

you do not edit the original message. This may reduce data transfer costs based on your rate plan.



Send and receive Internet e-mail messages

1. On the Home screen, click **Start > Messaging**.
2. Select the Internet e-mail account for which you want to send and receive messages.
3. Click **Menu > Send/Receive**. The phone connects to your Internet e-mail server and sends and receives your messages.

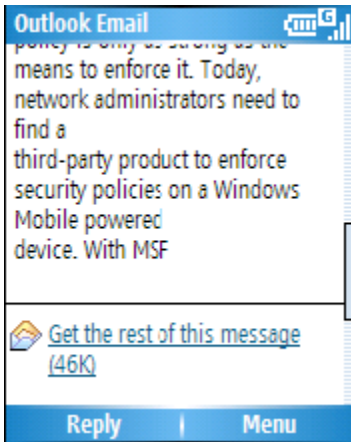
Download a complete e-mail message

1. On the Home screen, click **Start > Messaging** and select an account.
2. Select the message to download.

 To stop this process, click [Menu > Stop Send/Receive](#).


If your Exchange Server is qualified to install the feature call MSFP - Microsoft Messaging and Security Feature Pack, one of the benefits is the ability for the Server to push new e-mail as they arrive to your phone, for example, exchange Server 2003 with SP2 has the option to install this feature.

3. Click **Menu > Download Message** . The complete message is retrieved the next time you synchronize or connect to your e-mail server to send and receive e-mail.

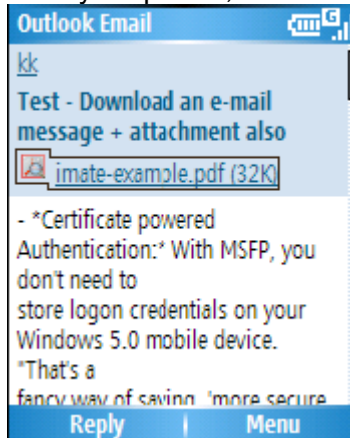
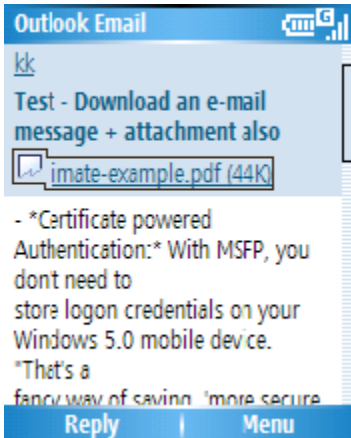


Download an attachment

In an open message with an attachment to download, click the attachment. The attachment is downloaded the next time you synchronize or connect to your e-mail server and send and receive e-mail.

 Alternatively, you can scroll down to the bottom of the message and click “Get the rest of this message”. The message will be downloaded the next time your phone connects to the Server to send/receive e-mail. The frequency of this is determined by the Schedule setup during your ActiveSync configuration described in Chapter-6.

After you scroll down to the filename shown, click again and the attachment file will be downloaded when your phone connects to your server to send/receive e-mails again. Once the file has been downloaded into your phone, the screen will look as shown.



View an attachment

In an open message containing a downloaded attachment, click the attachment.

Add a picture to an e-mail message

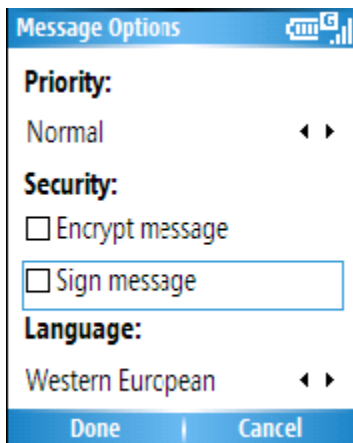
1. In the message area of an e-mail message, click **Menu > Insert > Picture**.
2. Click the picture you want to add.

Note: If there are multiple attachments in the message, all attachments are downloaded. You can view attachments only for file types that are supported by the phone.

Digitally Sign a message

Digitally signing a message applies your certificate with the public key to the message. This proves to the recipient that the message is from you and not from an imposter, and that the message has not been altered.

1. In the message list, click **Menu > Switch Accounts > Outlook Email**.
2. Click **New**.
3. Click **Menu > Message Options**.
4. Select **Sign message** and click **Done**.



Change between e-mail folders and accounts

1. Click **Start > Messaging > Outlook Email**
2. Click **Folders**
3. You can select the new folder you wish to view

Note: S/MIME encryption and digital signatures for Windows Mobile-based devices are available only with Exchange Server 2003 Service Pack 2 or a later version that supports S/MIME. If you aren't using one of these products, or have not yet synchronized, these options are unavailable.

5.3 MMS

MMS is a way of sending messages that include **picture** sound and text. You can send MMS messages to other mobile telephones or to email addresses.

Note: MMS is subject to your mobile operator supporting the service, and your account

being enabled for the service.

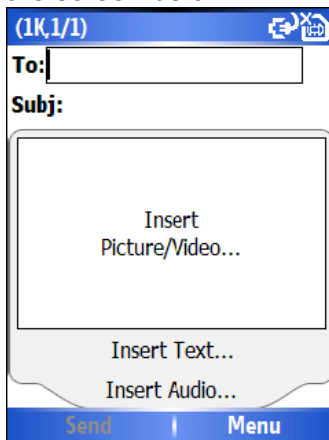
An MMS can be made of many pages, also known as 'slides'. Each slide can hold an image, a sound and text, but you do not need to set all of these for each message. The maximum amount of content that can be sent in a message is set by your service provider.

Running the MMS program

To start the MMS program from the Home Screen, press **Start > Messaging** and choose the MMS option.

Creating and sending MMS

On the MMS main screen, press 'New' to create a new MMS. You will be presented with the screen below:



Add a recipient

You should add a recipient to your message. You can directly enter a phone number into the 'To' field, or you may select a contact from your contact list. To choose a contact select **Menu > Recipients > Add**. The MMS composer is able to deliver the message to more than one user, just input a **semicolon** ';' between recipients.

Adding a Picture or Video

To add an image to the message, highlight the 'Insert Picture/Video...' area and **press Enter, y**ou will be presented with the preview of all pictures and videos in the current folder . You may select one of these pictures, or you can choose **Menu > Capture > Picture** or **Menu > Capture > Video** to launch the **camera application**. Once you have selected the image, you will be returned to the main message.

Note: If you add a video to the message, then you cannot add any further audio to this slide.

Adding text to the message

Click on the 'Insert Text...' area and enter the message you wish to send. You can also choose from some predefined text if you wish to use this by clicking on Menu > Insert Media > My Text while you are in this box.

Template

Click on Menu > Template you could choose a template to use or create a new one yourself.

Selecting a message background colour

The background colour of the message may be set by choosing Menu > Option > Background. A list of colours will be displayed for you to choose.

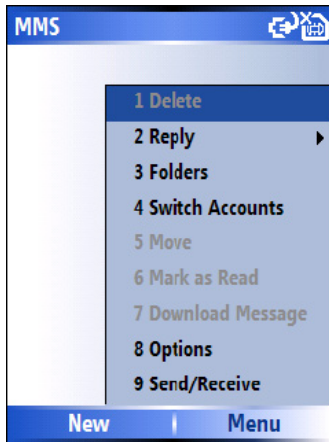
Additional items

Just as email, you may add people in copy (cc) or blind copy (bcc) to your message. You may also set the urgency of the message, a delivery time delay for the sending of the message, an expiry time for the message, and request delivery and read report. To set these requirements, go to Menu > **Options** > Send Options and set all these options as required

Receiving MMS messages

The device will alert you when a new MMS arrives. Depending on your settings, the MMS contents may download a few moments later and will be ready to view in your MMS Inbox.

The MMS inbox works in an identical way to email and text message inboxes.



Setting up the MMS account

If your device has not been preconfigured, then you will need to manually enter the details of the MMS. This is a two-stage process : In stage one you will set up the data connection, and in the second stage you will define the address of the MMS server on the internet.

Delete	Delete current message
Reply	Reply to all and Forward current message
Folders	Switch to other folders (including Drafts, Outbox, Inbox, Sent Items and deleted items)
Switch accounts	Switch between Text message, Outlook Email and MMS
Move	Move current message into other folders
Mark as read/unread	Mark current item as an unread/read one
Download Messages	If you have chosen only to take notification of MMS messages (and not to download the whole message), you can mark a message for download. At the next Send / Receive the message will be downloaded
Options	Change the account options for the MMS account
Send/Receive	Force a Send or Receive of MMS messages that are pending

Setting up a data connection

First you will need to set up a data connection. You should refer to the 'Getting Connected' section of this manual for more information on setting this up. You will need the name of the MMS APN and any associated username or password. When you set up the 'Connects to' description , we suggest you set this to 'Secure WAP Network' so as to avoid conflicts with other applications.

Defining the server

From the Home Screen, click **Start > Messaging** . Highlight the MMS entry, and press **Menu > Settings**

On the next page, choose Menu > MMSC Settings, and on the following page choose **Menu > New**.

In the Name Field, enter a name for the server details (for example, "My MMSC")

MMSC URL: Enter the address of the server, as supplied by your mobile service provider

WAP gateway: Enter the WAP gateway to be used for this connection, as supplied by your mobile service provider

Port: enter the port number provided to you

Connect Via: You should point the MMS server towards the correct connection point. If you set the MMS up through 'Secure WAP network', then this is what you should also select here.

Max sending size: You will be advised by your service provider for this value

WAP Version: This also will be given to you by your service provider.

Press Done when you have entered all these details.

On the screen shown next, select your MMS entry by name and choose **Menu > Set as Default**. A tick will appear next to its name.

Now press the Home key to return to the Home Screen. Your device is now configured for MMS.

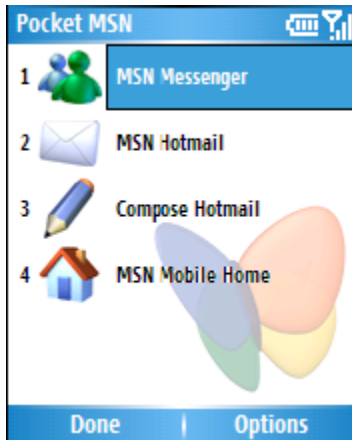
5.4 Pocket MSN

Pocket MSN on your mobile device provides almost instant access to your MSN Hotmail inbox, your MSN Messenger contacts list, and options for customizing your Pocket MSN experience.

MSN Messenger is an instant messaging service hosted by MSN through the Internet. At the time of writing this User Guide, this service is free of charge.

With Pocket MSN you get:

- MSN Hotmail. Read, write, and send e-mail, or manage your Hotmail folders.
- MSN Messenger. See who's online. Send and receive instant messages. Subscribe to status updates for selected contacts so you're notified when they're online.
- Options and settings you can use to create a custom Pocket MSN experience.
- To use it, click **Start > Pocket MSN** (you may have to click More a few times to scroll thru)



Note: You need to have either a Microsoft .NET Passport (from www.passport.com) or a Hotmail account (www.hotmail.com) to use MSN Messenger. Your phone needs to be connected to the Internet.

About MSN Hotmail

With MSN Hotmail on your smartphone, you have access to your Hotmail inbox even when you're mobile. Read, send, and reply to e-mail, and manage your folders. Mark e-mail attachments for downloading so that you can view them.

Pocket MSN overview

With MSN Messenger you can send instant messages to your contacts' mobile **device** or computers. For instructions, select a task below.

Getting started with MSN Messenger

To use MSN Messenger, you need Microsoft Passport Network credentials. After obtaining credentials, complete the following tasks:

1. Set up a connection with your phone, refer to Chapter-4 Getting connected, that enables you to connect to the Internet.
2. Set up an MSN Messenger account. For more information, see Set Up an Account.
3. Sign in to MSN Messenger. For more information, see Sign In and Out.

To obtain a Passport, go to <http://www.passport.com>.

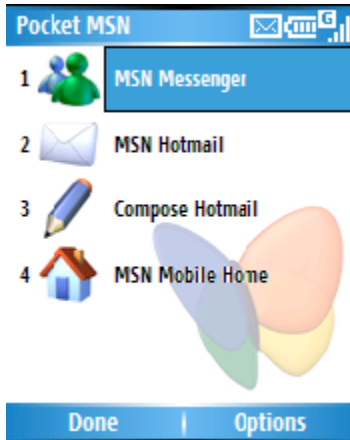
To create a Hotmail account, go to <http://www.hotmail.com>.

Sign in to Pocket MSN or Hotmail

The sign-in process helps to maintain secure access to your MSN Hotmail and MSN Messenger accounts. Sign-in lasts for 24 hours, regardless of power or connection loss. Just being signed in to Pocket MSN does not incur charges, but if you are also signed in to Messenger, or if you are sending and receiving e-mail you can incur charges.

1. On the Pocket MSN home screen, click **Start > More > More > Pocket MSN** .

2. Click **Messenger** or **MSN Hotmail** , and then enter the e-mail address and password you use to sign in to MSN Mobile. Click Save password to have Pocket MSN automatically sign you in.
3. Click **Sign in**.



Caution This could be a security risk if your mobile device is lost or stolen, others may gain access to MSN Messenger and Hotmail. If you mobile device is lost or stolen, go to a computer and change your Microsoft Passport credentials by logging into www.passport.com

Note: If you have signed into MSN Messenger, you can access to your emails in your Hotmail account already without having to sign into Hotmail also.

View your Hotmail Inbox

1. In your Hotmail inbox, click **Start > Pocket MSN > MSN Hotmail** .
2. To synchronize your Hotmail inbox so you see your latest e-mail messages, click **Menu > Send/Receive mail**.

Write and send E-mail

1. Click **New** at the bottom of the Hotmail inbox screen.
 2. In the **To** : field, enter an e-mail address.
 3. In **Subject** , enter the subject of the e-mail.
 4. Enter a message in the body of the e-mail, and then click **Send** .
- To write or reply to e-mail while offline, follow the steps above. Then, when you have an open data connection, click **Menu > Send/Receive mail** .

Reply to an E-mail Message

1. Select a message in your Hotmail inbox.
2. Click **Reply** or if you wish to include replying to recipients in the CC field also, click

Menu > Reply All

3. Enter the text of your reply, and then click **Send**.

To write or reply to e-mail while offline, follow the steps above. Then, when you have an open data connection, click **Menu > Send/receive mail**.

Keep your Hotmail Inbox always up-to-date

You can set your Hotmail inbox to automatically update with new e-mail whenever you have an open data connection.

1. In Pocket MSN click **Menu > Hotmail**.

2. Click **Download new e-mail automatically**, then click **Done**.

Delete an E-Mail Message

1. Select a message in your Hotmail inbox.

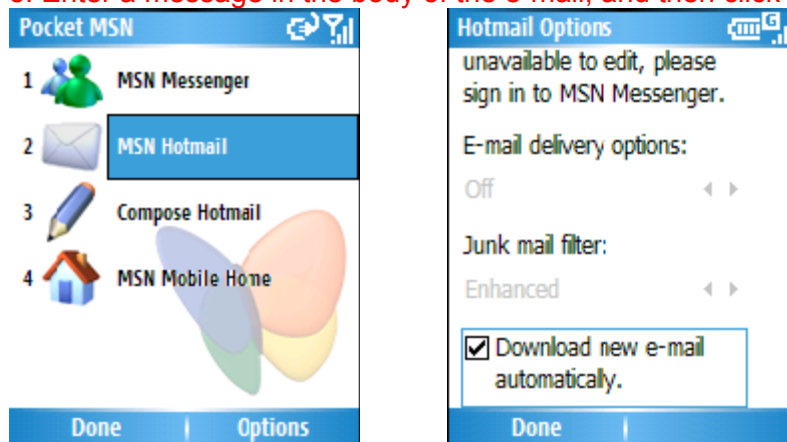
2. Click **Menu > Delete**. The message is deleted immediately.

Note: You can also attach Picture and Voice Note files.

3. In **Subject**, enter the subject of the e-mail.

4. Click **Menu > Insert > File**, to select a file.

5. Enter a message in the body of the e-mail, and then click **Send**.



Option and Settings

With Pocket MSN Options you can manage your password settings. For instructions, select the task below.

Clear the MSN password last saved on your device

When you clear the password that was last saved on this device, you can reenter your credentials using a new password. You need to do this if you change the password on your MSN account.

1. On the Home screen, click **Start > Pocket MSN**.

2. Click **Options > General**.

3. Click **Clear saved password** and click **Done**.

Set up an Account

Before you can use MSN Messenger, you must set up an instant messaging account. For MSN Messenger Service, you must have Microsoft Passport Network credentials or a Hotmail account. To use MSN Messenger Service, you need to create a connection to the Internet.

1. In MSN Messenger, click **Menu > Options > Messenger tab**.
2. Click **Enable MSN Messenger Service**. Your sign-in name and password are established the first time you sign in to Pocket MSN.
3. If necessary, select which account to sign in to first, under **Sign in using this account first**.

To obtain a Passport, go to <http://www.passport.com>

To create a Hotmail account, go to <http://www.hotmail.com>

Add and Delete Contacts

After you have signed into Messenger, you will be able to perform the functions below.

- To add a contact, click **Menu > Add Contact** , and then follow the directions on the screen.
- To delete a contact, select the contact, click **Menu > Delete contact** . Click **Yes** to permanently delete the contact.

Manage Contacts

- To block a contact from seeing your status and sending you messages, select the contact, and click **Menu > Block** .
- To unblock a contact, select the blocked contact from the list, and click **Menu > Unblock** .

Change Your Display Name

1. In MSN Messenger, click **Menu > Options** .
2. In **My display name**, enter the name that you want to display to others in MSN Messenger, then click **Done**.

Check your own Messenger Status

- Select your own name at the top of the page. Your current status is indicated in the displayed list by a bullet point. You can change your status by selecting another status description.

Subscribe to status updates for selected Contacts

When your device has an open data connection, status update notifications alert you when contacts come online or change their MSN Messenger status.

1. Select the contact.
2. Click **Menu > Auto update status** .

Let Contacts know you are not available

Select your own name at the top of the page, and then click the desired status description (such as Away).

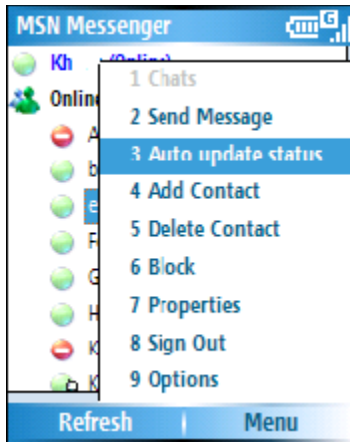


Read a Message

- When you receive an alert that a new message has been received, click **Chat** to switch to that chat, or **Ignore** to stay in the current chat.
- To switch between chats, click **Menu > Chats** , and then select the contact to resume chatting.

Send a Message

1. Select the contact you want to send a message to.
2. Click **Menu > Send message** .
3. Enter your message in the text entry area at the bottom of the screen and click **Send** . To quickly add common message, select **Menu > My text**, select a message in the list, and click Insert.



Sign In and Out

1. On the Home screen, click **Start > Pocket MSN**.
 2. Click **MSN Messenger > Sign in**.
 3. Enter the e-mail address and password for your Microsoft Passport Network credentials or Hotmail account, and click **Sign in**.
- Signing in to an account may take several minutes, depending on your connection speed and how busy your mobile network is.
- To **Signout**, click To sign out, **Menu > Sign out**.

Chapter 6 Synchronizing

6.1 About ActiveSync

ActiveSync allows you to create a synchronization relationship between your mobile device and PC, and between your mobile device and your Exchange server. This means that data shared between your mobile device and PC, or device and Exchange server is always consistent. If you make a change in one place, the next time you synchronize, the change is automatically made to the corresponding information on the other computer. No matter where you are viewing the information, you know it's up-to-date.

You may connect to your PC using a cable or Bluetooth connection. ActiveSync can also make it possible for your device to connect to other resources through your PC. However, you cannot synchronize remotely to a PC using a modem or network connection. The synchronization relationship is created in order to manage the data that is copied between your mobile device and PC.

You may connect to your Exchange server using a cellular connection, or you can connect your device to your PC as a way of connecting back to the Internet.

6.2 Install and set up ActiveSync

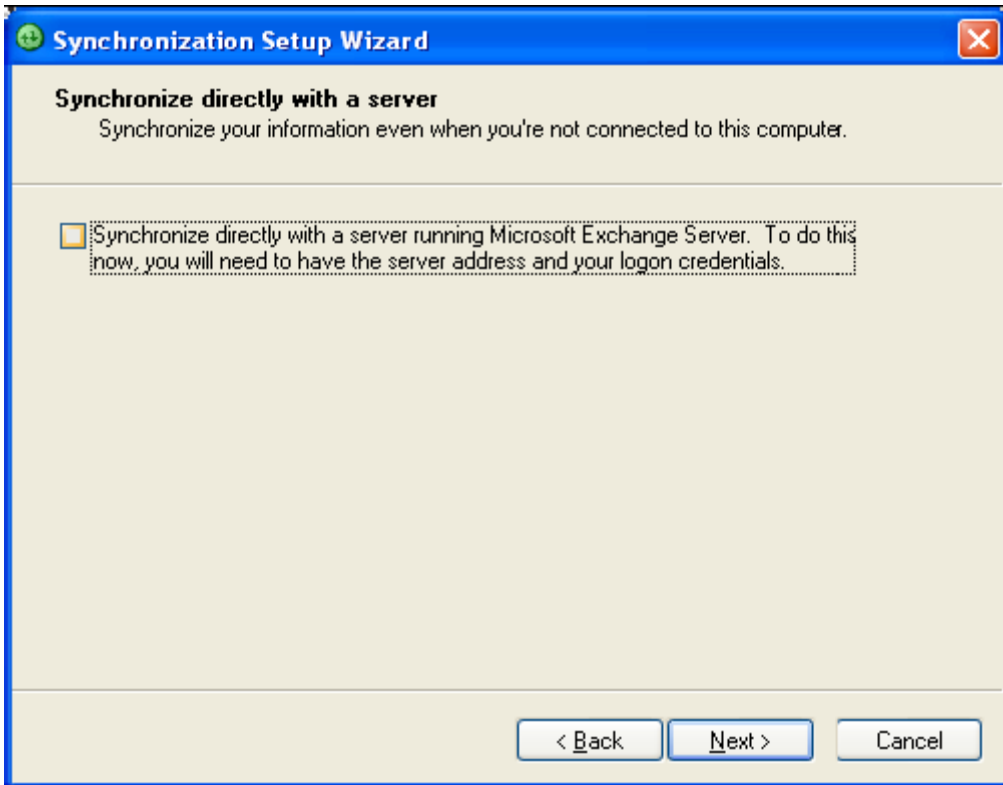
You can either install ActiveSync from your Windows Mobile Getting started CD or download a copy of ActiveSync from <http://www.microsoft.com/windowsmobile/addons/default.msp>



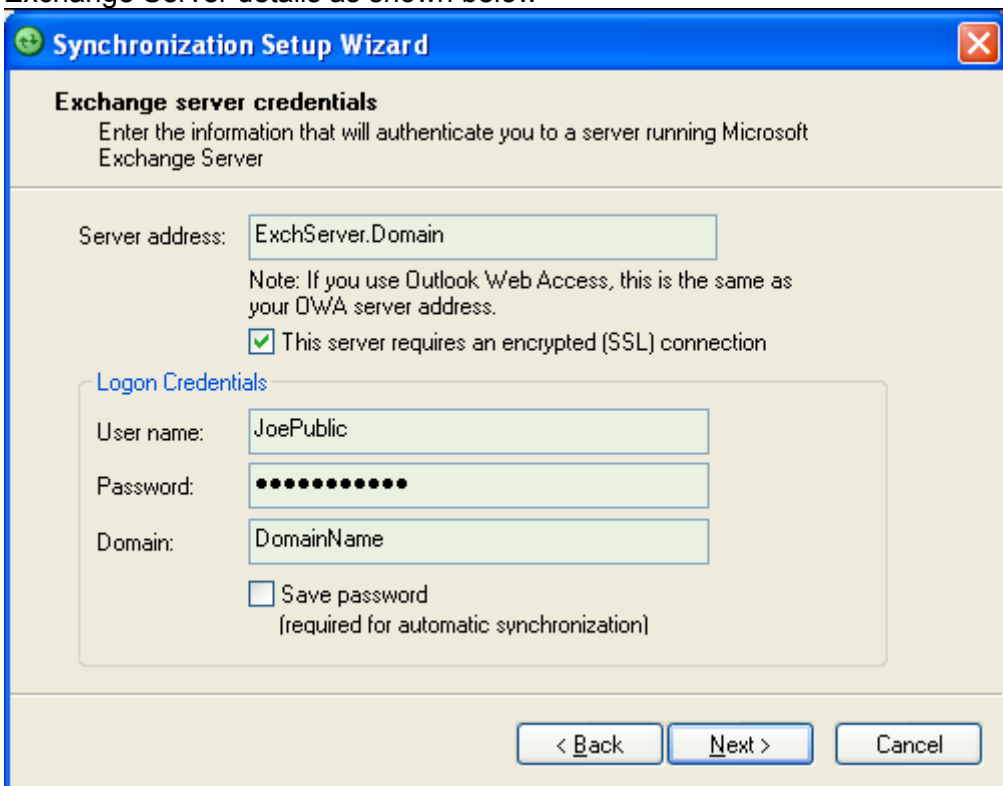
After the software has been installed and the USB cable is connected between your PC and the phone, the ActiveSync setup wizard starts up. Click Next to continue.

Note: If you have a PC which is already fully synchronized with your Exchange Server, then you should sync your phone to your PC the very first time instead of synchronizing the phone with Exchange Server. Data will be downloaded via your PC and will save you the charges for traffic volume over the cellular connection (in addition, syncing via your mobile phone network will take longer than with your PC locally).

If you do not intend to sync directly with Microsoft Exchange Server, do not select the option below (sync directly with a server). The alternative instead is to sync your phone with your PC. You cannot do both at the same time. The next few steps are quite self-explanatory to follow through from the screen information. Please select the appropriate options required.

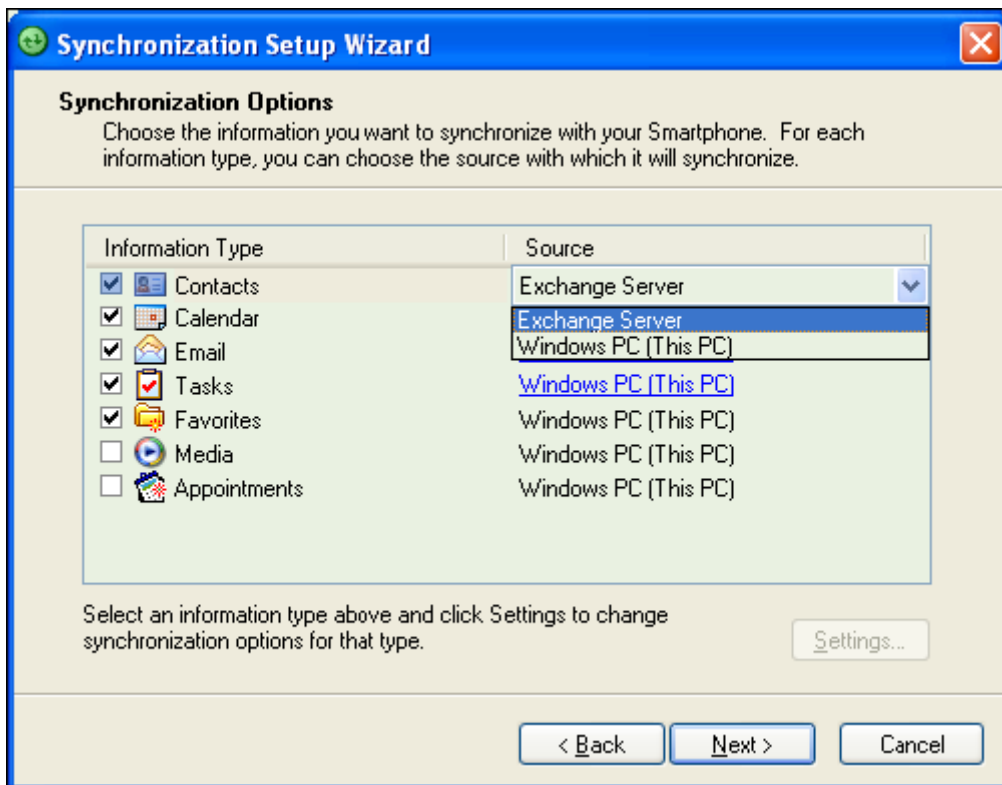


To sync with Exchange Server instead of your PC, click the box above and enter the Exchange Server details as shown below –

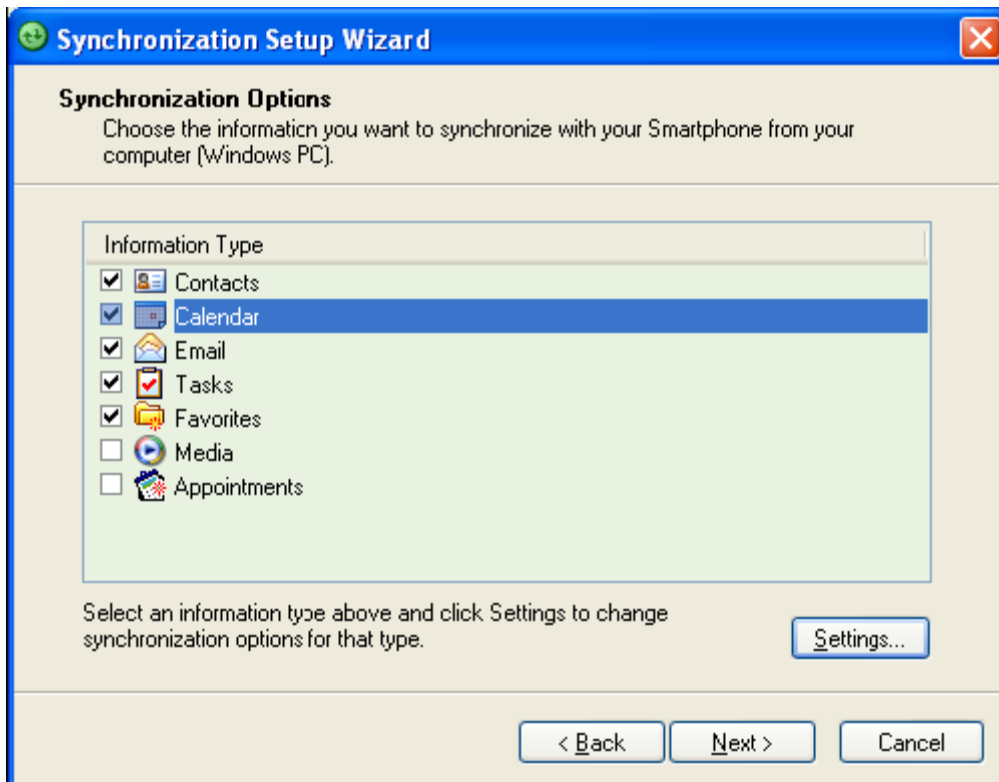


Please ensure that your PC has a connection which is accessible to the Server address above as the setup will check the connection and that your User name / Password settings above are valid also.

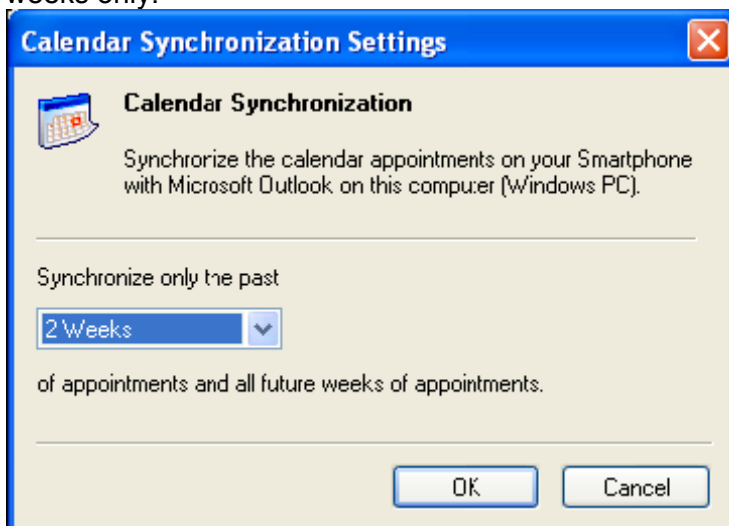
Note: Ensure that you select correctly in the drop down box for the sync Source below. The remaining screenshots will sync with the option - Windows PC.



You can view additional settings information by selecting and clicking Settings below.

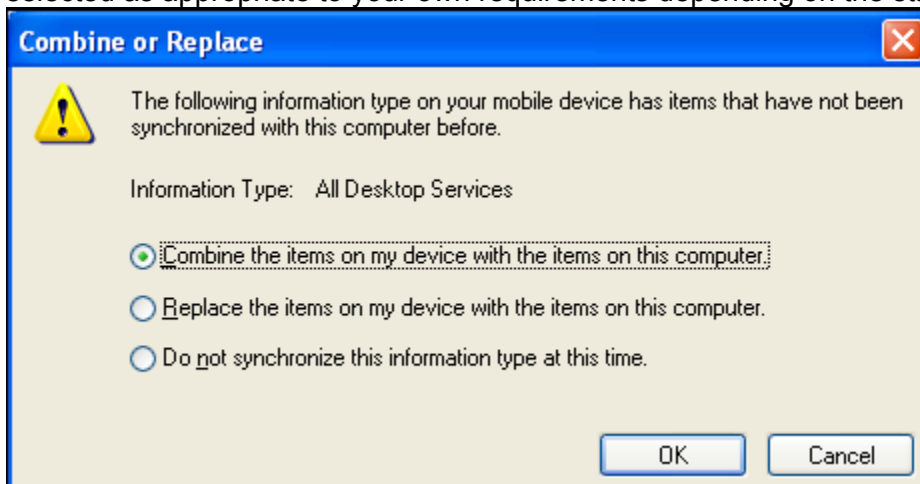


For example, you may choose to synchronize details of your Calendar for the past two weeks only:





After you click Finish above, you should get a screen prompt as below. This needs to be selected as appropriate to your own requirements depending on the state of your PC.



The time taken for the sync below depends on how much data is to be synchronized. Typically it should not take more than 2- 4 mins or even less depending on the data volume and responsiveness of your PC.

Once the synchronization has completed successfully, details from your selected data types will be shown on your home screen. For example in the diagram below, an upcoming Calendar appointment and unread emails are displayed:



Change ActiveSync settings

Once you set up synchronization using the Sync Setup wizard on the PC, you can later change your synchronization settings:

- If you want to change Active settings for synchronizing with a PC, use ActiveSync on the PC. For more information, see “Changing the amount of information synchronized” in ActiveSync Help on the PC.
- If you want to change ActiveSync settings for synchronizing with Exchange Server, use ActiveSync on your phone, as described in “Change settings for an information type.”

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

1. On the phone Home screen, click Start > ActiveSync > Menu > Options.
2. Select one of the information types.
3. Do one of the following:
 - To view or change settings for an information type (when available), click Settings.
 - To view or change settings for a computer or Exchange Server, click Menu > Settings.
4. Change the amount of information to be synchronized or other settings.
5. Click Done (or Finish in the Exchange Server settings wizard).

Change settings for an information type

Note: To synchronize using ActiveSync, you must install ActiveSync on your PC before connecting your phone to the PC.

1. Turn on the phone.
2. Connect your phone to your PC using a USB cable or Bluetooth. For more detailed

information, see “Connecting a mobile device to a PC” in ActiveSync Help on your PC.

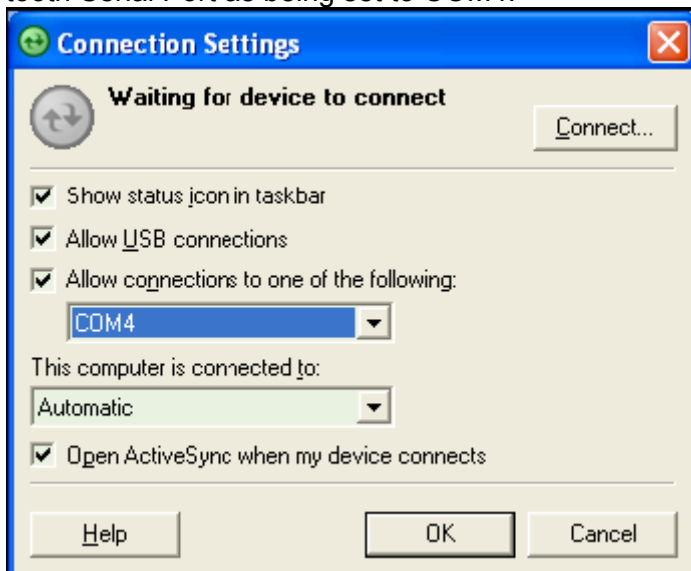
Connect the phone

Connect to a PC using Bluetooth

1. Follow the instructions in ActiveSync Help on the PC for configuring Bluetooth on your PC to support ActiveSync. Make sure that your PC's Bluetooth is set to Visible (also known as 'Discoverable'), and that ActiveSync on the PC has the Bluetooth COM port enabled – see below.
2. On the phone Home screen, click **Start > ActiveSync** .
3. Click **Menu > Connect via Bluetooth** . Ensure that the phone and PC are within close range.
4. If this is the first time you have connected to this PC via Bluetooth, you must complete the Bluetooth wizard on the phone and set up a Bluetooth partnership with the PC before synchronizing.
5. Click **Sync** .
6. When finished, click **Menu > Disconnect Bluetooth** .
7. To preserve battery power, turn off Bluetooth.

Note: Ensure that the PC ActiveSync Serial port corresponds to the PC's Bluetooth Serial port configuration. In the example below the Bluetooth Serial Port has already been set up COM 4 by the computer. Because COM 4 is allocated to Bluetooth, the 'Allow connections to one of the following' has been set to 'COM 4' to match this.

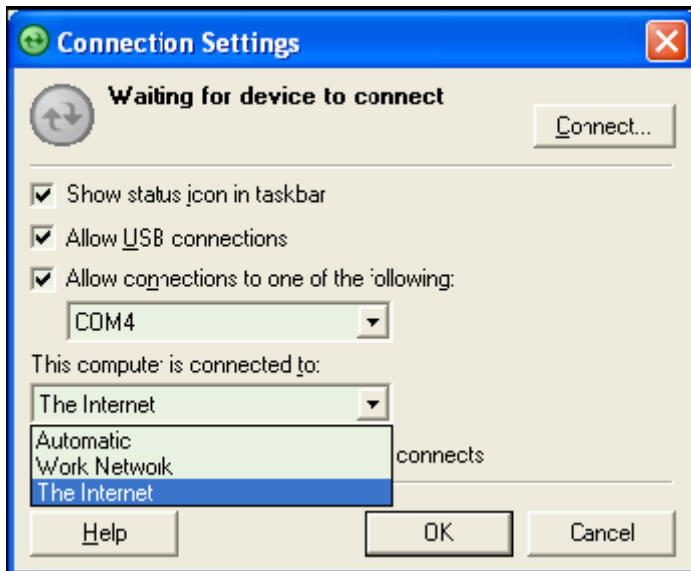
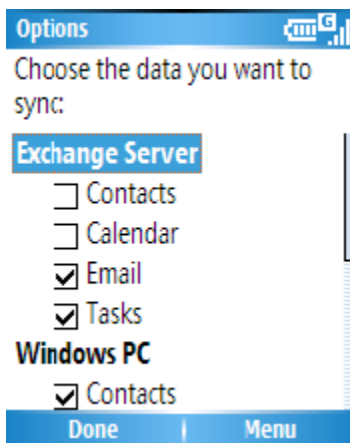
As a reference the PC's Bluetooth Manager (Widcomm in this case) indicates the Bluetooth Serial Port as being set to COM4.



Mixed synchronization settings between Exchange Server and PC

If you wish to sync your phone to Exchange Server for Email and Tasks, and to your PC for Contacts and Calendar, from your phone, click **Start > ActiveSync > Menu > Options** and select from the list as preferred (see example below).

Connect your phone to your PC via Bluetooth or USB cable next. In this example, you will also need to setup your PC ActiveSync to select either The Internet for your phone to contact your Exchange Server thru your PC.





Set up an Exchange Server connection

You can synchronize your email, Calendar Appointment and Contacts directly with your Exchange server. Tasks may also be synchronized if your company is running Exchange Server 2003 with Service Pack 2.

The synchronization may be performed over the air using a cellular connection, or by using your PC as a desktop passthrough. In this final method, you connect your device to your PC and use the PC's connection to the internet as the connection for your device back to the Exchange Server.

To complete this configuration, you will 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 user name and password.

Note: Before changing synchronization settings on the phone, disconnect it from your PC. You can also refer to some of the screenshots in the previous section of Install and setup ActiveSync (with Exchange Server).

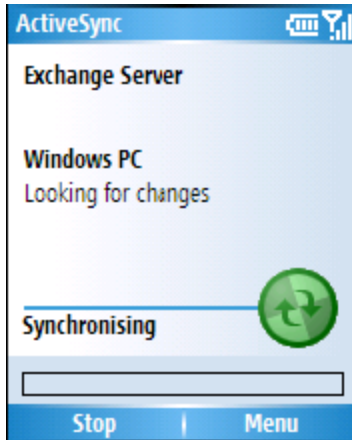
1. On the phone Home screen, click Start > ActiveSync > Menu > Configure Server. If you have not yet set up sync with Exchange Server, this will say Add Server Source.
2. In Server address, enter the name of the server running Exchange Server, and click Next.
3. Enter your user name, password, and domain name, and click Next.
4. 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.
5. Select the check boxes for the types of information items that you want to synchronize with Exchange Server.
6. To change available synchronization settings, select the type of information, and click Menu > Settings.
7. To change the rules for resolving synchronization conflicts, click Menu > Advanced.
8. Click Finish.

You can start and stop synchronization only if your phone already has a sync relationship

with a PC or Exchange Server.

Start and stop synchronization

1. On the Home screen, click **Start > ActiveSync** .
2. To start synchronization, click **Sync** .
3. To stop synchronizing, click **Stop** . (Note this menu only shows up during the synchronization)



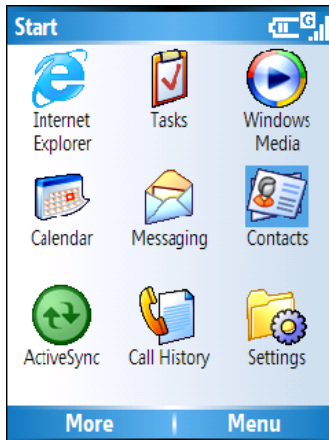
Synchronizing your Media

Your device is able to synchronize media from your PC, such as music and video. This is described in detail in Chapter 7.

Note: You can start and stop synchronization only if your phone already has a sync relationship with a PC or Exchange Server.

Chapter 7 Application & Multimedia

The phone is installed with some applications for you to make better use of your device. The features and functions are described in the following sections.



7.1 Contacts

Contacts are names of people which you setup to make it easier for you to communicate with either by phone, SMS or email. Further, you can customize each contact by adding a picture or a ring tone for example to identify that person who is phoning you.

Create a new contact

1. On the Home screen, click **Start > Contacts > New**.
2. Enter information for the new contact.
3. Click **Done**.

⚠ If someone who isn't in your list of contacts calls you or sends you a message, you can create a contact from Call History or from the message by clicking Menu > Save to Contacts.

To save an existing contact to your SIM, open the contact and click Menu > Save to SIM.

Create a SIM contact

Contacts can be created and stored on a subscriber identity module (SIM.) If you move the SIM to another phone, your SIM contacts are moved as well.

1. On the Home screen, click **Start > Contacts**.
2. Click **Menu > New SIM Contact**.
3. Enter the contact's information and click **Done**.

⚠ To save an existing contact to your SIM, open the contact and click Menu > Save to SIM.

View and edit a contact information

1. On the Home screen, click **Start > Contacts**.

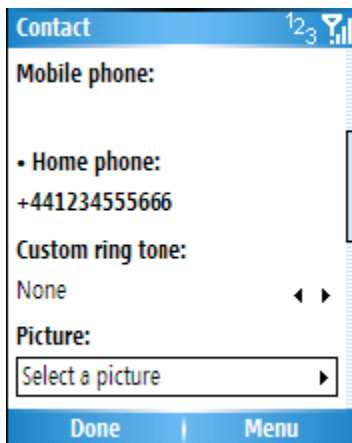
2. Click the contact whose information you want to view.
3. To edit the information, click **Menu > Edit** .
4. When finished making changes, click **Done**.

Delete a contact

1. On the Home screen, click **Start > Contacts**.
2. Scroll to the contact to delete.
3. Click **Menu > Delete Contact**.

Add a picture to a contact

1. On the Home screen, click **Start > Contacts**.
2. Click the contact.
3. Click **Menu > Edit**.
4. Click **Picture**.
5. Do one of the following:
 - Click the picture you want to add.
 - Click **Camera** and take a picture.
6. Click **Done**



Remove a picture from a contact

1. On the Home screen, click **Start > Contacts**.
2. Click the contact.
3. Click **Menu > Edit**.
4. Click **Menu > Remove Picture**.

Assign a ring tone to a contact

To easily identify who is calling you by the ring tone, you can assign a custom ring tone to each contact.

1. On the Home screen, click **Start > Contacts** .
2. Click the contact you want to assign a ring tone to.
3. Click **Menu > Edit**.
4. Click **Custom ring tone** and select the ring tone you want.
5. Click **Done**.

Send contact information

Using a text message, you can quickly send someone information about a contact in your contact list.

1. On the Home screen, click **Start > Contacts**.
2. Select the contact.
3. Click **Menu > Send Contact > Text Message**.
4. Select the contact information that you want to send and click **Done**.
5. In the new text message, enter the address of the person to whom you are sending the contact information and click **Send**.

Assign a category to a contact

You can use categories to help you organize and group your contacts.

1. On the Home screen, click **Start > Contacts**.
2. Click the contact.
3. Click **Menu > Edit**.
4. Click **Categories** – this appears further down the list of items for the contact selected.
5. Select the category you want and click **Done**.

Note: Categories are shared between your appointments, contacts, and tasks. A category will remain in the list of shared categories as long as it is assigned to at least one appointment, contact, or task.

7.2 Calendar

This application works like an electronic diary – it allows you to setup and organise your events like appointments, meetings and any time- based entry. These entries can then be displayed as reminders on your phone when this event occurs. Further, if you also use Outlook from your PC, you can synchronize the information between your PC and phone.



Schedule an appointment

1. On the Home screen, click **Start > Calendar**.
2. Click **Menu > New Appointment**.
3. Enter information about the appointment. To schedule an all-day event, under End time, select All day event.
4. Click **Done**.

Note: All-day events do not occupy blocks of time in Calendar; instead, they appear in banners at the top of the calendar.

Make an appointment recurring

1. On the Home screen, click **Start > Calendar**.
2. Click the appointment and click **Edit**.
3. Scroll down to Occurs and click one of the recurrence options.
4. Click **Done**

Update an appointment

1. On the Home screen, click **Start > Calendar**.
2. Click the appointment and click **Edit**.
3. If the appointment is recurring, click **Yes** to edit only the current occurrence, or click **No** to edit the series.
4. Make your changes, and click **Done**.

Delete an appointment

1. On the Home screen, click **Start > Calendar**.
2. In Agenda view, select the appointment to delete.
3. Click **Menu > Delete Appointment**.

4. If the appointment is recurring, click **Yes** to delete the series, or click **No** to delete only the current occurrence.

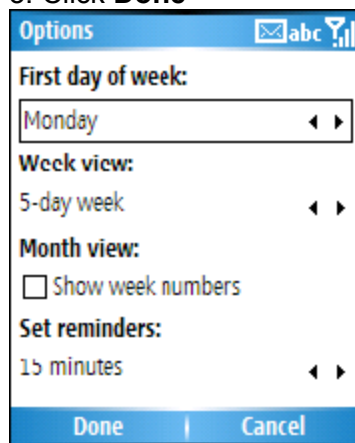
Note: When you delete an appointment in Calendar on your phone, it is also deleted on your PC the next time you synchronize. If the appointment has not been synchronized with a PC, it will be deleted only from the phone.

Calendar items can be deleted only from Agenda view or from an open calendar appointment. To delete from other views, open the appointment, and click Menu > Delete.

⚠ To cancel a deletion, press BACK.

Change the display of the work week

1. On the Home screen, click **Start > Calendar** .
2. Click **Menu > Options** and do one of the following:
 - To specify the first day of the week , in **First day of week**, click **Sunday** or **Monday** .
 - To specify the number of days you want to appear in a week, in **Week view** , click **5-day week** , **6-day week** , or **7-day week**.
3. Click **Done**




Change the reminder time

By default, the reminder time is set 15 minutes prior to an appointment.

1. On the Home screen, click **Start > Calendar** .
2. Click **Menu > Options**.
3. Scroll to **Set reminders** and change the time.
4. Click **Done**

View today's agenda

1. On the Home screen, click **Start > Calendar**.
2. Click **Menu > Go to Today** .
3. From Week or Month view in Calendar, click **Menu > Agenda View**.

 To view previous or approaching dates, scroll left or right, or click Menu > Go to Date. To quickly view today's agenda, on the Home screen, click an upcoming appointment (if one is present).

View your agenda for a specific date

1. On the Home screen, click **Start > Calendar**.
2. Click **Menu > Go to Date**.
3. Enter the date to view, and click **Done**.

View your schedule for the month

1. On the Home screen, click **Start > Calendar**.
2. Click **Menu > Month View**.


7.3 Tasks

This application allows you to manage things which need to be done. This can be a one-off or a recurring task and reminders can be set to display a message when the task needs to be done by.

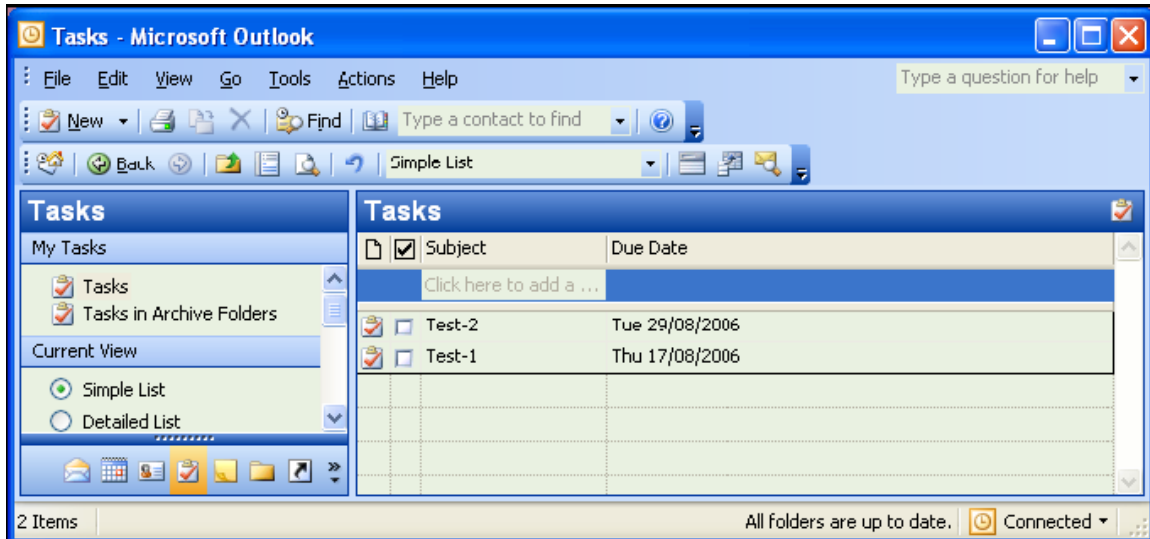


Create a task

1. On the Home screen, click **Start > Tasks**.
2. In the **Enter new task here** box, press the enter key first and the box will be blanked out for you to enter the task name. When finished with entering the task name, press ENTER. A new task item will appear underneath the box.

 If you have a PC with Outlook installed and the PC is synchronised with your phone with tasks included (see Chapter 6 – Synchronization), you will be able to include additional parameters like dates and reminders in the tasks. These parameters **cannot** be

set up in the phone but the tasks



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

If you create a new task with a reminder on your PC and then synchronize tasks with your phone, the reminder will play at the time it was set on your PC.

Delete a task

1. On the Home screen, click **Start > Tasks**.
2. Select the task, and click **Menu > Delete Task**.

Mark a task as complete

1. On the Home screen, click **Start > Tasks**.
2. Select the task, and click **Complete**.

Change a completed task to incomplete

1. On the Home screen, click **Start > Tasks**
2. Select the task, and click **Activate** .

Locate a task

1. On the Home screen, click **Start > Tasks**.
2. In the task list, do one of the following:
 - To sort the list, click **Menu > Sort by** , and click a sort option.
 - To filter the list by category, click **Menu > Filter** , and click the category you want displayed.

Note: Categories only appear in tasks that are synchronized with your PC.

 To filter your task further, click Active Tasks or Completed Tasks.

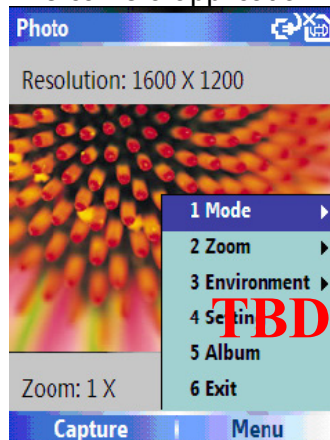
7.4 Camera and Video Recorder

Your phone is equipped with a digital camera which can be used to capture photos and video clips.

Capturing a photograph

You can launch the camera application in 2 ways –

1. Click **Start > Camera**
2. Press the camera button on the side of the device.
The camera application will launch.



To take a picture

Point the camera at the subject and either:

- Press the 'Capture' button at the bottom left of the screen.
- Press the camera button on the side of the device.
- Press Menu to bring up the list of options.

Mode: here you can set the camera mode. Choose from:

- Photo – Select from single, timer and burst
- Video – Recording videos

Album: This launches the Pictures and Videos application where you can review the images you have captured.

Zoom: Select different zoom levels, the amount of zoom possible is dependent on the size of the picture being taken. A picture at resolution 1600 x 1200 cannot be zoomed in, while a picture at 160 x 120 can be zoomed in to 4 times.

Landscape: Taken photos or videos horizontally.

Front camera: Taken photos or videos with camera lens face to you.

Environment: To set the colour correction of the camera in order to show the best effect at the current light. You may also choose to manually set up the correction.

Effect: Choose photo effect like: normal, black & white, ancient, cool color, warm color .

Settings: You can set the resolution for the size of picture to be captured and the naming convention of the files that are stored.

About: Detail information about the camera.

Exit: **Quits** the Camera application.

Capturing a video

The phone can also capture videos which you can play back with Windows Media Player Mobile.

To start the video recorder

Press the camera key on the side of the device and then press Menu > Mode > Video
Press Capture to start recording, and Stop Capture to finish. The total length of video is determined by the amount of free memory in your device.

Location for Storing Pictures and Videos

All pictures and video files taken with this phone are saved onto the phone's memory. However, you can set the smartphone to save them onto a miniSD card.

To do this:

1. Ensure that a miniSD card has been inserted into the phone;
2. Press **Menu** > **Setting** > **General**
3. Choose for the Store Position either 'Device' or 'Storage Card'

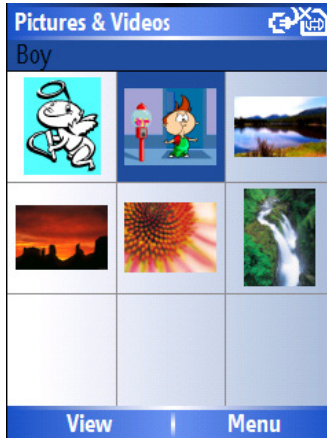
Precautions when using the Camera

- Fingerprints or grease sticking to the lens may result in problems such as picture blurring or the obscuring of images. You should wipe the lens clean with a lens tissue.
- Try not to shake your phone capturing pictures. When capturing pictures, keep the camera as still as possible. Movement of your device may lead to picture blurring.
- Avoid pointing the camera at bright light sources as this will affect the quality of the picture.
- Please be considerate of others' privacy when capturing pictures with your phone.

7.5 Pictures and videos

You can view pictures stored in your phone or memory card using the Pictures and Videos application.

You can also set a picture to be your Home Screen background from here, or you can send an image to another user.



To use Pictures and Videos

From the Home Screen go to **Start > Pictures and Videos**

Previewing pictures

On entering the application you will see preview pictures for the items stored in your \My Pictures folder of your Smartphone. You can press the navigation keys to preview previous/next picture in turn on the preview screen.

Functions in Pictures & Videos

Press the Menu key to see the options available in the application.

Send: Send pictures to other recipients by means of MMS or email.

Beam: transfer pictures to other users using Bluetooth

Save to Contact: Set a picture as an icon representing a specified contact which is shown within the details of contact.

Delete: Delete pictures

Edit: allows you to move and copy picture and video files between folders

Play Slide Show: View all pictures in the current folder as a slide show

Folders: you can choose to view pictures stored in other folders on this smartphone.

Options: Configure the Pictures and Videos application .

To open a picture

Highlight a picture and press View to open the picture.

To Send the image to another user, press Send, and choose the account by which you will send it.

For other options, press Menu

Zoom: zoom in or out of the picture detail;

Play slide show: View all pictures as a slide show

Use as home screen: Set the picture as wallpaper for the Home Screen.

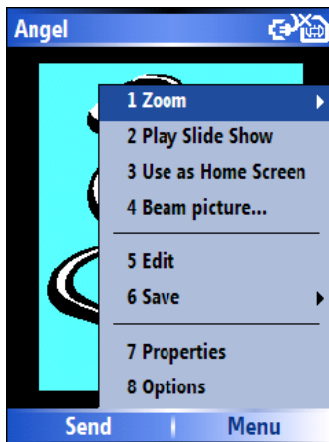
Beam picture: Send pictures into other memories by means of Bluetooth.

Edit: Edit pictures;

Save: Associate a picture with a phone contact or rename the image

Properties: View picture properties like file name, size etc;

Options: Sets the properties of the pictures and videos application



7.6 Windows Media Player

Overview of Windows Media Player Mobile

You can use Windows Media **Media** 10 Mobile for Smartphone to play digital audio and video files that are stored on your phone or on the Web.

By default, 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)

This includes files with the extensions .asf, .wma, .wmv, and .mp3. The phone can also play back H.263(.3gp) and .mp4 files.

In addition to Windows Mobile- based Smartphones, Windows Media Player is available on other operating environments, including Windows Mobile-based Pocket PCs and

desktop computers running the Windows or Macintosh operating systems. In this documentation, the version of Windows Media Player for Windows- based desktop or notebook computers is called the desktop Media and the version for Smartphone is called the Smartphone Media.

Overview of the controls

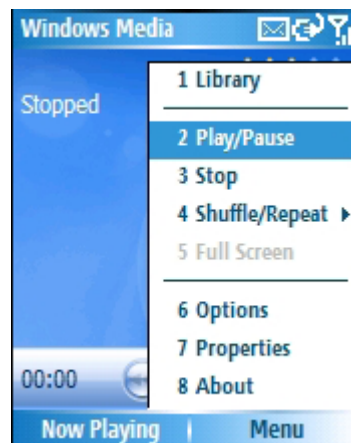
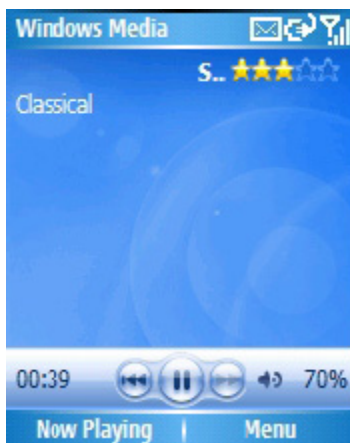
By default, these hardware buttons are assigned to Windows Media Player Mobile functions.

PRESS	TODOTHIS
ENTER	Play or pause a file
NAVIGATION left	Skip to a previous file
NAVIGATION right	Skip to the next file
NAVIGATION up	Increase the volume
NAVIGATION down	Decrease the volume
#	Turn the sound on or off quickly (mute)
0	Switch to full screen during video playback
*	Change rating
NAVIGATION right (hold)	Fast-forward a file
NAVIGATION left(hold)	Rewind a file

Overview of screens and menus

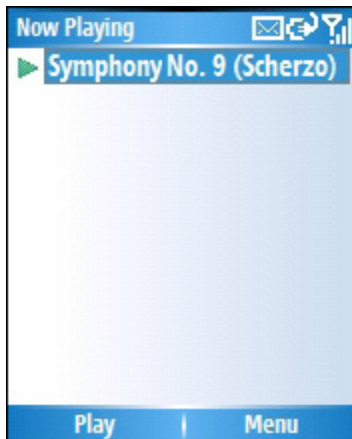
Windows Media Player Mobile has three primary screens:

Playback screen. The screen that displays the playback controls (such as Play, Pause, Next, Previous, and Volume), the star rating of the current file, the album art window, and the video window. You can change the appearance of this screen by choosing a different skin.

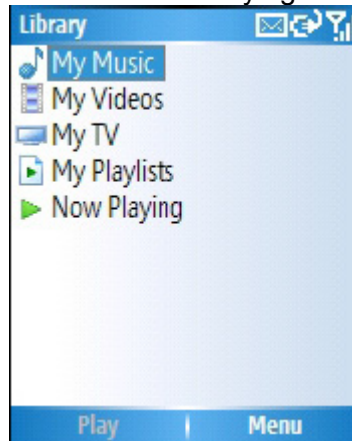
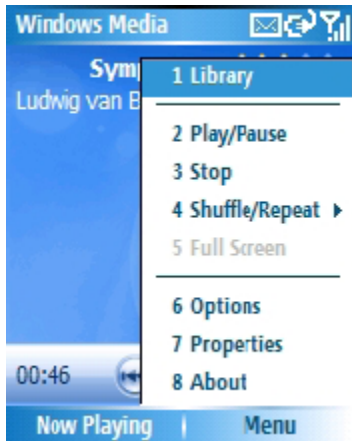


Now Playing screen. The screen that displays the Now Playing playlist. This special

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



Library screen. The screen that lets you quickly find your audio files, video files, and playlists. It contains categories such as My Music, My Video, My TV, and My Playlists. It also includes a link that lets you switch to the Now Playing screen.



At the bottom of each screen is a menu called Menu. The commands on this menu change depending upon which screen you are viewing.

- Overview of the Playback screen commands
- Overview of the Now Playing screen commands
- Overview of the Library screen commands

Overview of Now Playing screen commands

THIS COMMAND	DOES THIS
Library	Displays the Library so you can choose a file to play.
Move Up	Moves the selected item up in the playlist order.
Move Down	Moves the selected item down in the playlist order.
Remove from Playlist	Removes the selected item from the playlist.

Shuffle/Repeat > Shuffle	Plays the items in the Now Playing playlist in a random order.
Shuffle/Repeat > Repeat	Plays the items in the Now Playing playlist repeatedly.
Clear Now Playing	Removes all items from the Now Playing playlist.
Error Details	Displays error information about the selected item (an exclamation mark appears before the item name if error details are available).
Properties	Displays information about the selected file.

Overview of Library screen commands

When you are viewing the Library screen, these commands appear on Menu.

THIS COMMAND	DOES THIS
Queue Up	Adds the selected item to the end of the current (Now Playing) playlist.
Delete from Library	Deletes the selected item from the library.
Now Playing	Displays the Now Playing playlist.
Library > library name	Lets you switch between libraries, such as between My Device and Storage Card.
Update Library	Adds new items to the library by searching your phone or storage card.
Open File	Lets you find and play files that are stored on your phone or storage card but that are not in the library.
Open URL	Lets you play a file on a network, such as the Internet.
Properties	Displays information about the selected file.

Overview of licenses and protected files

Protected files are digital media files that are secured with a license to prevent unauthorized distribution or playback.

The license specifies how you can use the file. For example, a license can specify whether you can use the desktop Player to synchronize a file to your phone or how many times you can play a file on your device. The terms of the license are specified by the person or company that provided the file.

Licenses are created and managed by using a technology called digital rights management (DRM). Because Windows Media Player 10.1 Mobile for Smartphone supports Windows Media DRM 10, you can download and play protected files that you have obtained from compatible online stores, such as MSN Music. If the license and your phone permit it, you can even play subscription or rental content from some online stores. For information about compatible online stores and devices, see the PlaysForSure Web

site <http://www.playsforsure.com>

When copying a protected file from your computer to your phone:

- Always use the desktop version of Windows Media Player 10 to synchronize (copy) the file to your phone. For example, do not use Windows Explorer to drag and drop files from your computer to your phone.
- Always synchronize the file to a storage card that is inserted into your phone. Do not synchronize to a storage card that is inserted into a storage card reader.

Note: You can determine whether a file is protected by viewing its file properties.



Play items on your phone

Use the library to find and play songs, videos, and playlists that are stored on your phone or removable storage card.

1. If you are not on the Library screen, click **Menu > Library** .
2. If necessary, on the Library screen, click **Menu > Library** , and then select the library that you want to use (for example, **Storage Card**).
3. Select a category (for example, **My Music** or **My Playlists**), select the item that you want to play (such as a song, album, or artist name), and then click **Play** .

Note: To play a file stored on your phone but that is not in a library, on the Library screen, click **Menu > Open File**. Select the item that you want to play (such as a file or a folder), and then click **Play**.

Play an item on a network

Use the Open URL command to play a song or video that is stored on the Internet or on a network server.

1. If you are not on the Library screen, click **Menu > Library** .
2. Click **Menu > Open URL**.
3. In the **URL** box, enter a network address.

- or -

In the History box, select a URL that you have previously used.

Note: To play an item on a network, your phone must be connected to a network. For more information about connecting your phone to a network, see Chapter 4 - getting

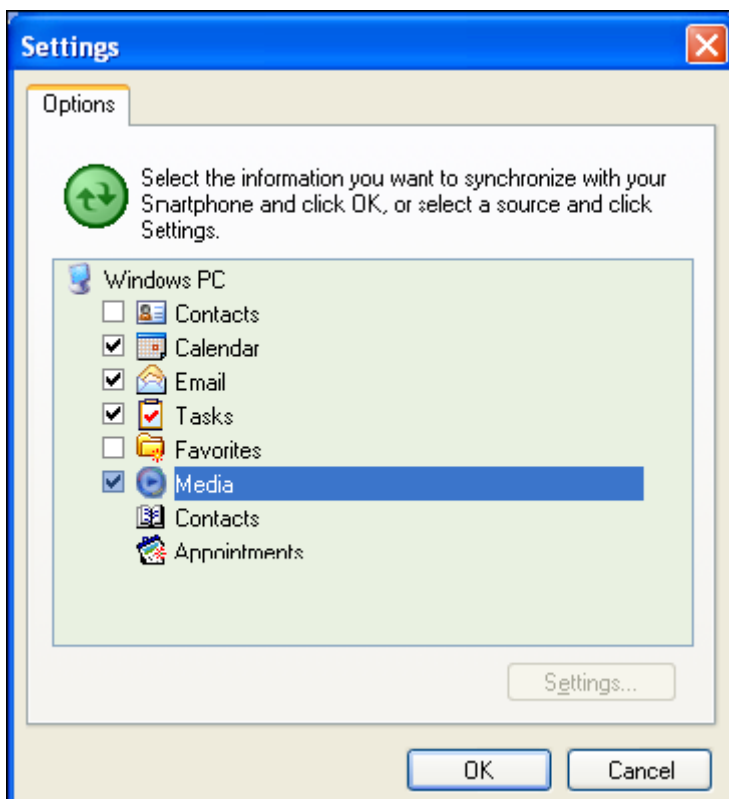
connected.

Copy files to your phone

You can either copy files to your phone manually or if you have a PC, automatically copy (synchronize) files between your PC and your phone. The latter is described below.

Use the Sync feature in the desktop version of Windows Media Player 10 to synchronize (copy) digital media files from your computer to your phone. Using Sync ensures that protected files and album art are copied to your phone correctly.

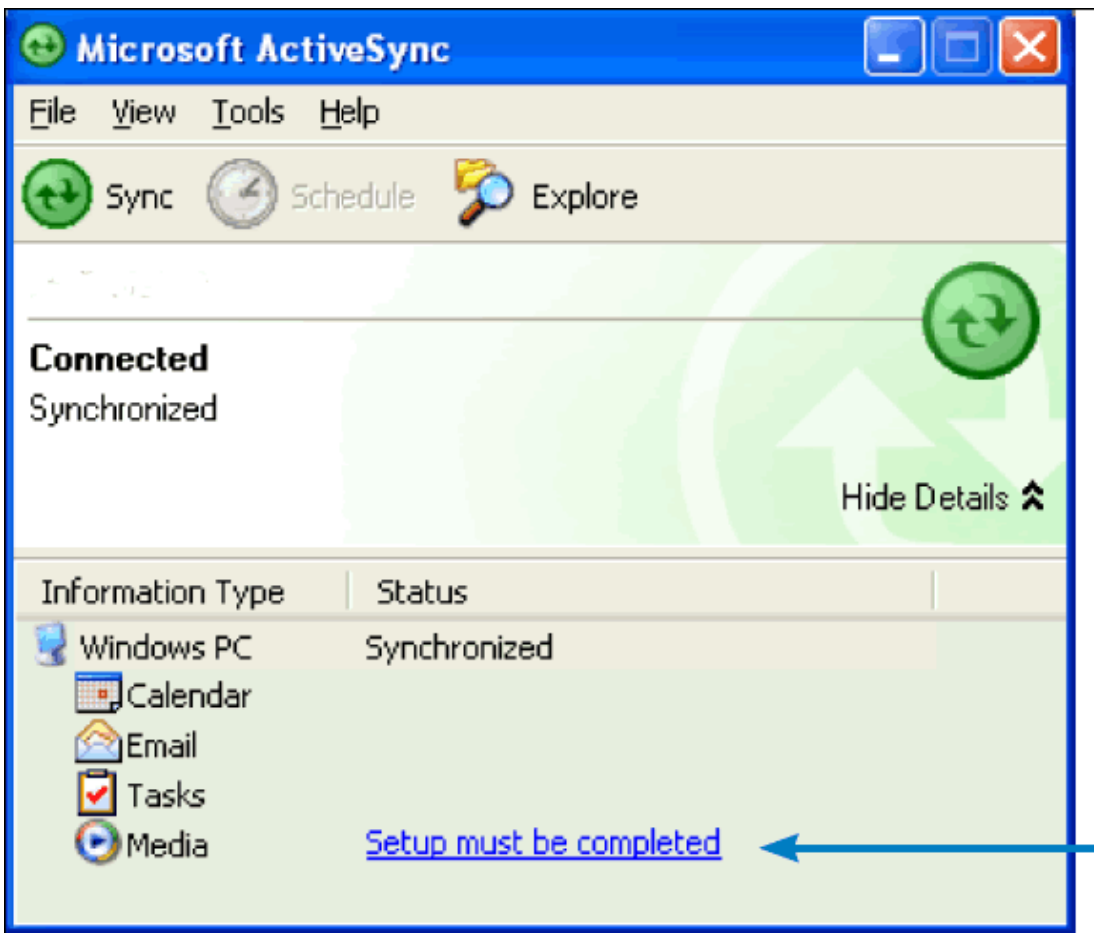
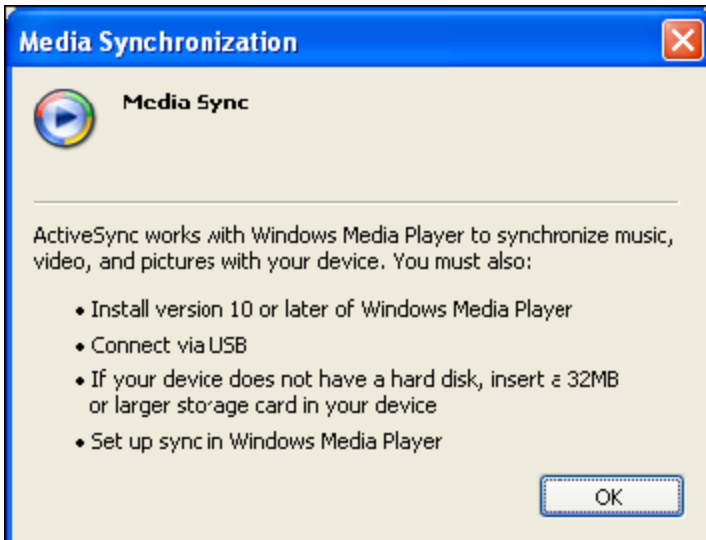
(Please ensure that you have completed the one-off steps in Chapter-6 for ActiveSync first and that the checkbox for Media Player has been ticked also in your PC ActiveSync as shown below as one-off steps again for Media Player).



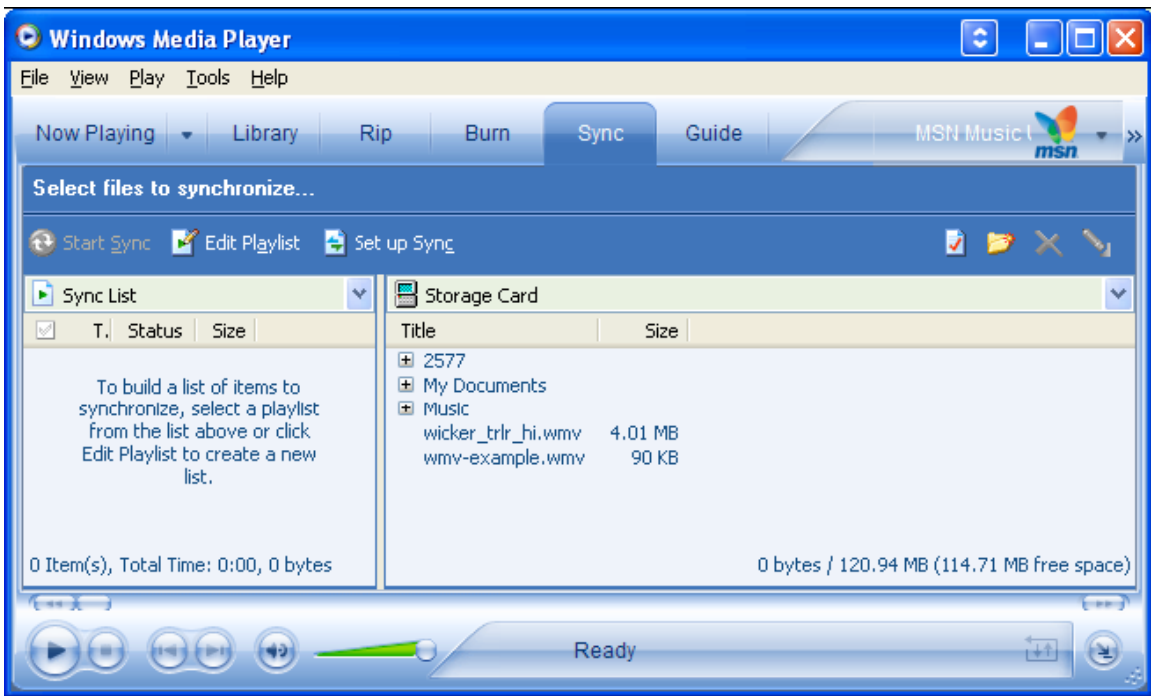
Select Media to get the next screen below.

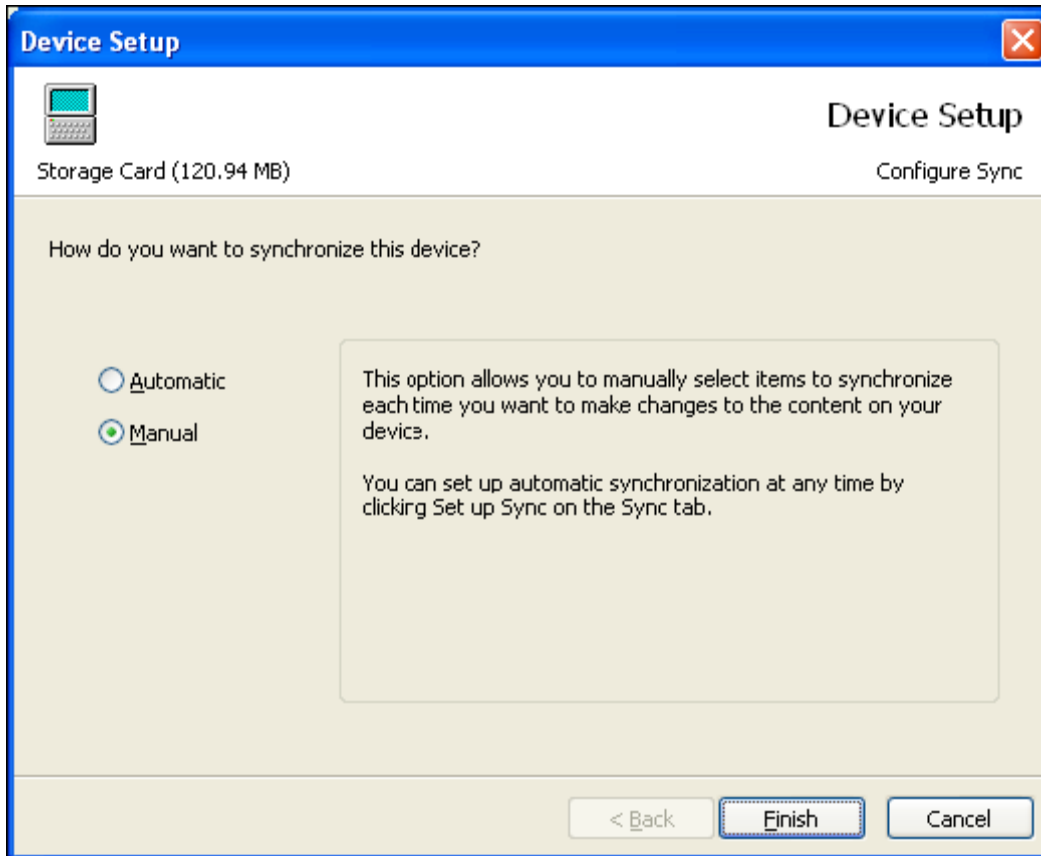
Note : if this is greyed out for any reason, please see the Notes at the end of this subsection about this issue.

At this stage, follow the instructions given here and insert a storage card into your phone also before proceeding.



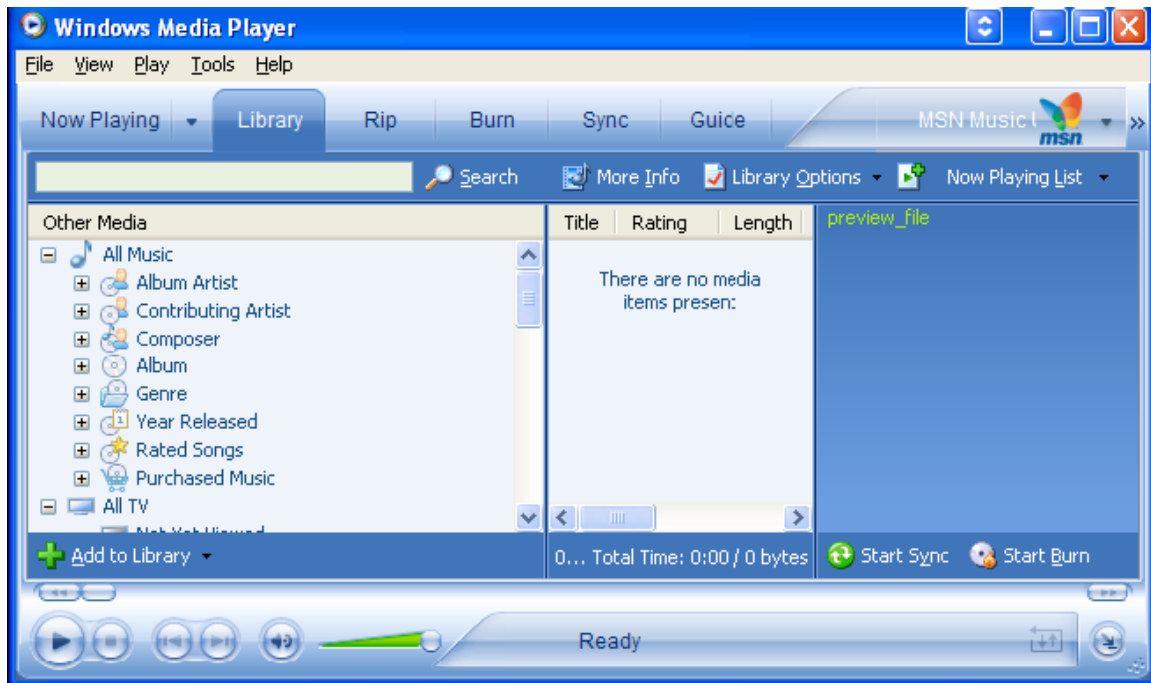
Click this now and follow thru the steps in screenshots





To synchronize content to your phone automatically, do the following:

1. On your computer, start Windows Media Player 10.



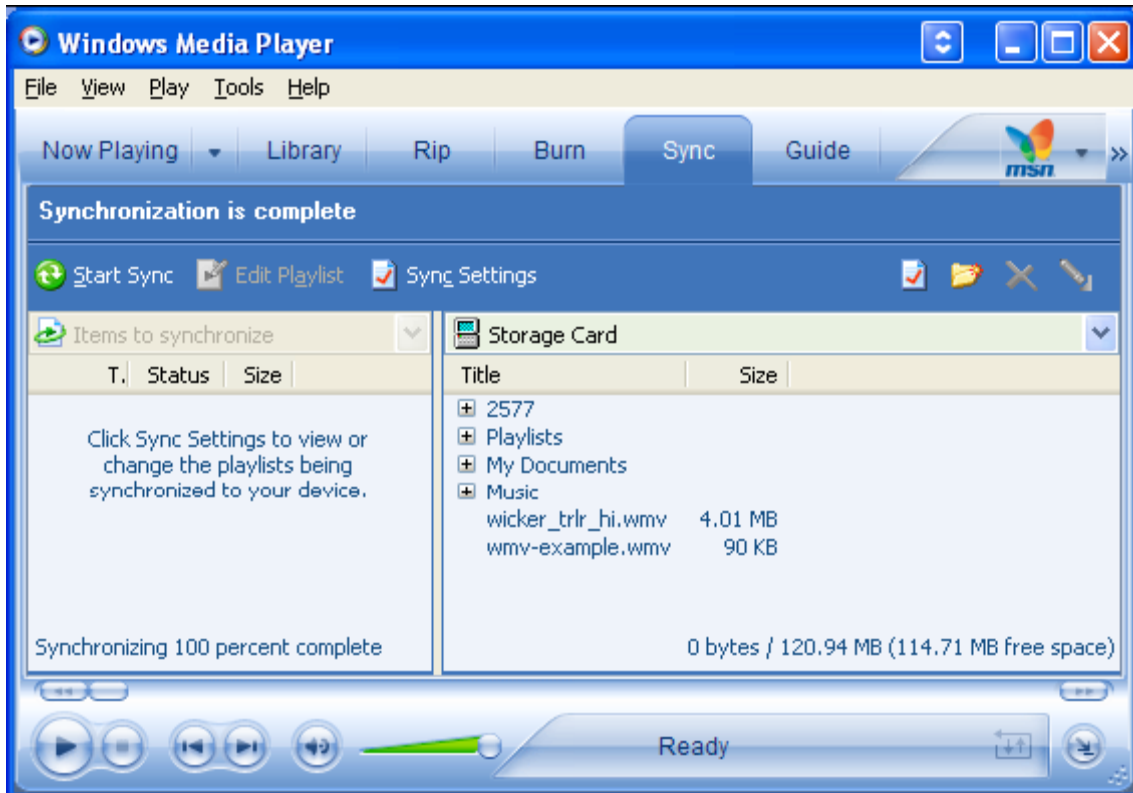
2. Insert a 32 MB or larger storage card into your phone, and then connect your phone to your computer.

On your computer, the Device Setup Wizard opens.

3. In the wizard, click Automatic, select the Customize the playlists that will be synchronized check box, and then select the playlists that you want to synchronize.

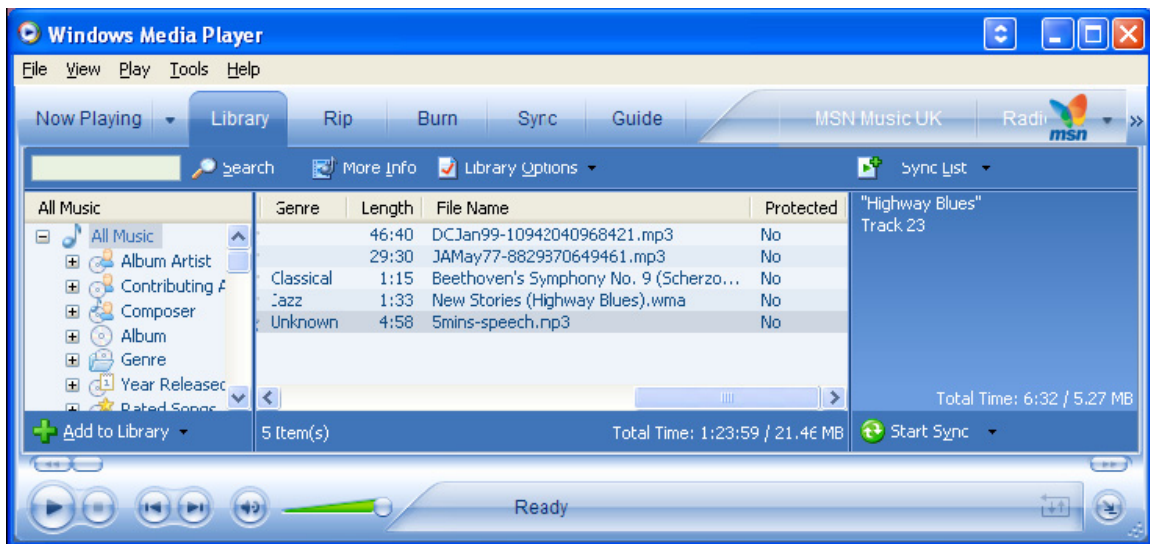
4. Click Finish.

The files begin synchronizing to your phone. The next time you connect your phone to your computer while the desktop version of Windows Media Player 10 is running, synchronization will start automatically.



For more information about the Sync feature, start the desktop version of Windows Media Player 10, and then press F1.

To sync manually, you can also drag and drop items into your Sync List as shown below



Note:

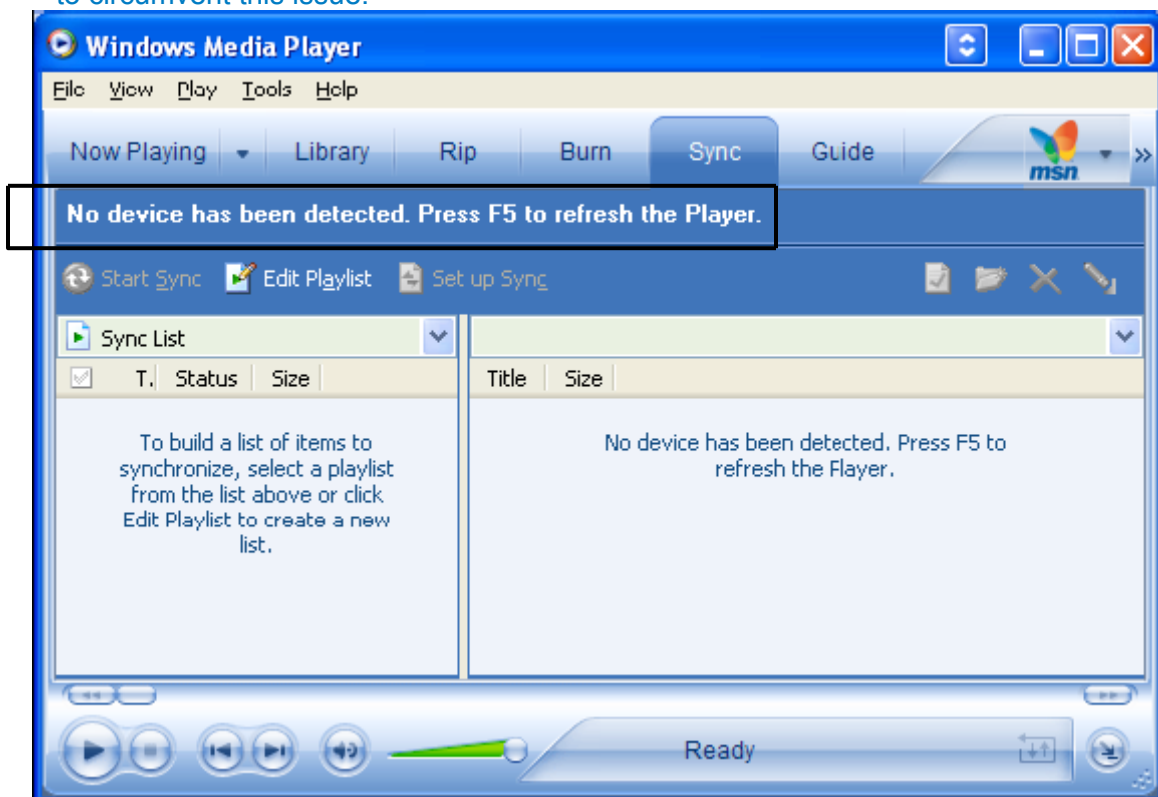
- Always use the desktop version of Windows Media Player 10 to synchronize (copy) files to your phone. For example, do not use Windows Explorer to drag and drop files from your computer to your phone.
- Always synchronize files to a storage card that is inserted into your phone. Do not synchronize to a storage card that is inserted into a storage card reader.

- The desktop version of Windows Media Player 10 is only available for computers running Windows XP. If you are not running Windows XP on your desktop computer, use the Copy to CD or Device feature of Windows Media Player 9 Series to copy your audio files and video files to your phone.

The desktop version of Windows Media Player 9 Series is not as full-featured as the desktop version of Windows Media Player 10. For example, the desktop version of Windows Media Player 9 Series does not support automatic synchronization, synchronization of playlists, synchronization of album art, or synchronization of TV shows recorded by computers running Windows XP Media Center Edition.

For more information about the Copy to CD or Device feature, start the desktop version of Windows Media Player 9 Series, and then press F1.

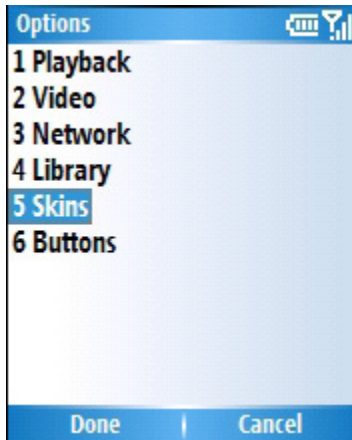
- Audio files copy faster if the desktop Player is configured to automatically set the quality level for audio files copied to your phone. For more information, see the desktop Player Help.
- If you get an error message in your PC Windows Media Player - No device has been detected, you may need to reinstall either the ActiveSync or WMP software in your PC to circumvent this issue.



Change Player appearance

You can change the appearance of the Playback screen by choosing a new skin.

1. If you are not on the Playback screen, press **BACK** to display the Playback screen.
2. Click **Menu > Options > Skins**.
3. To select a skin, press NAVIGATION left or right until you find the skin that you want to use.
4. Click **Done** .



Note: To download new skins, see the WMplugins.com site (<http://www.wmplugins.com>).

After downloading a skin to your computer and unzipping it if necessary, use ActiveSync to copy the .skn and .bmp files to your phone (such as to the location My Smartphone\Program Files\Windows Media Player). To ensure that skins appear on the Skins tab, do not store skin files in the Windows folder on your phone.

Troubleshooting

If you encounter any difficulty while using Windows Media Player Mobile, a number of resources are available on the Web to help you troubleshoot the issue, including a list of frequently asked questions (FAQ).

For more information, see the Troubleshooting Windows Media Player Mobile page at the Microsoft Web site (<http://go.microsoft.com/fwlink/?LinkId=29195>).

7.7 Internet Explorer Mobile

Open Internet Explorer

On the Home screen, click **Start > Internet Explorer**.

Go to a link

1. On the Home screen, click **Start > Internet Explorer**.
2. Scroll vertically or horizontally to see all available links.
3. Click the link.

Go to a Web page

1. On the Home screen, click **Start > Internet Explorer**.

2. Click **Menu > Address Bar**.
3. Enter the address, and click **Go**.

Change the size of text on Web pages

1. On the Home screen, click **Start > Internet Explorer**.
2. Click **Menu > Zoom** and select the size you want.

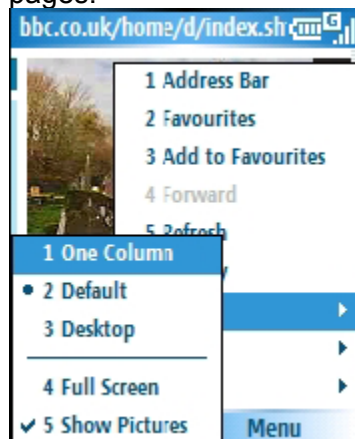


Go to a Web page in the History list

1. On the Home screen, click **Start > Internet Explorer**.
 2. Click **Menu > History**.
 3. Select the Web page, and click **Go**.
- Note:** To return to the Web page you were viewing, press **BACK**.

Show or hide pictures on Web pages

1. On the Home screen, click **Start > Internet Explorer**.
 2. Click **Menu > View > Show Pictures**.
- A check mark next to **Show Pictures** indicates that pictures will be displayed on Web pages.



View a favorite

1. On the Home screen, click **Start > Internet Explorer**.
2. Click **Favorites**.
3. Select a favorite, and click **Go**

Clear history, cookies, or temporary files

Through frequent use of Internet Explorer, your phone may accumulate lots of pages which could use up storage space in your device gradually. Occasionally, it may be advisable to clean this up in order to free up storage for your device.

1. On the Home screen, click **Start > Internet Explorer**.
2. Click **Menu > Tools > Options**.
3. Click **Memory** .
4. Select the type of memory to clear.
5. Click **Clear** , click **Yes** , and then click **Done**.

Send a link via email

1. On the Home screen, click **Start > Internet Explorer**.
2. Go to the Web page you want to send.
3. Click **Menu > Tools > Send Link via E-mail**.
4. Select **Text Messages** or **Outlook E-mail** .

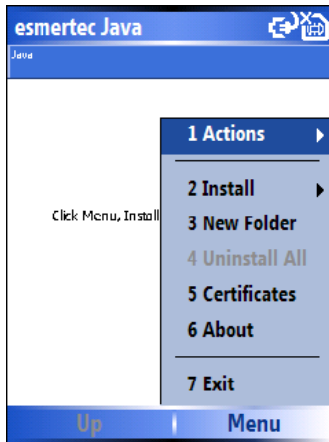
A new message is created with the page address inserted in the message body.

7.8 Using Java

The phone supports Java applications (know as MIDlets) that are written especially for mobile devices. This includes games and utilities.

To start the Java program

From the Home Screen, go to Start > Java. After a few moments you will see the main screen. Press the Menu key inside this screen to see the menu shown below: :



To install a Java application

Press **Menu > Install**

You can now choose where to find the MIDlets

- To install from a Web site choose 'Browser'. This will launch Internet Explorer Mobile. Now navigate to the web site where the Java MIDlet is kept. Select the file and it will be loaded into the Java application.
- To install from a specific URL, choose 'URL'. If the URL is already entered, highlight it and press Go. If it doesn't exist yet, press Add, then enter the URL description and then the web address.
- To install from the device, choose 'Local Files'. All unloaded MIDlets stored in **the Mobile Device** folder will be shown in the window. Choose one from this list to install it.

Selecting the Jad or Jar.

You will be shown the details of the MIDlet you are proposing to install. Press Continue to proceed with the installation. If the java file is not signed with a trusted certificate, then you will be prompted if you wish to install it.

Once the file has downloaded, you will be asked where you wish to store the download. For ease of use you may choose to save this into <root>, which is the base folder of your smartphone.

To run a Java MIDlet

First you must install the MIDlet using one of the methods described above. The installed files will be shown on the Java main screen. Scroll down to the desired MIDlet and press the Enter key to run it.

To Exit the JAVA application

From the main Java screen, choose **Menu > Exit**

7.9 Wireless Manager

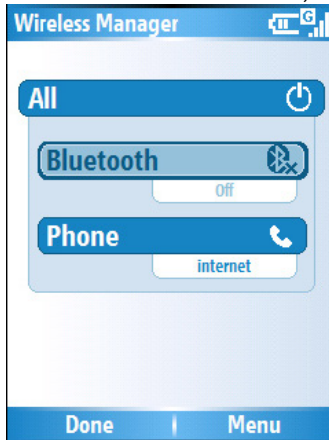
The wireless manager is an application that allows you to easily switch on and off the Bluetooth and Telephony functionality of your phone.

To start the Wireless Manager, either

- Press and hold the Volume up key, and choose 'Wireless Manager' from the Quick List, or

- From the Home Screen go to **Start > Settings > Connections > Wireless Manager**

If an item is active then it will be coloured white. If an icon is dark with a cross against it then it is inactive. In the screenshot above, Bluetooth is switched off while the telephone function is switched on, and a data connection called 'internet' is active.



To turn the telephony element on and off

You may switch off the telephony radio transmission element of the phone by highlighting the Phone icon and selecting it. Alternatively you may press the '3' key. When a cross appears by the receiver icon, the device is in 'flight mode' for the telephone element. You will not be able to make or receive telephone calls, nor use the data network of your operator. However Bluetooth may still be active while the telephone element is switched off, if you so wish.

To turn the telephony element back on click on the option again, or press the '3' key again.

To disconnect the current active data connection

You may wish to disconnect the data connection without switching off the telephone. To do this, go to Menu > Disconnect Cellular Data

Note: The data connection will automatically reconnect itself if you are using the Direct Push email solution. This is by design as your device must have a connection permanently open in order to receive emails pushed from the email server. If you wish to disconnect the data connection under this scenario, first you must disable the

Direct Push email. To do this, from the Home Screen go to Start > Activesync. In here go to Menu > Schedule. Change the 'Peak times' and 'Off Peak Times' to 'Manually'. When you wish to start the Direct Push email again, you should return to the Activesync Schedule page and re-choose 'As Items Arrive'

To turn Bluetooth On and Off

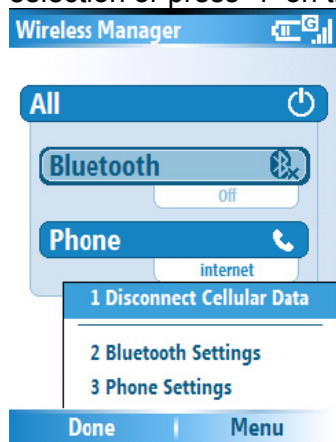
Highlight the Bluetooth option on screen and press in on the navigation pad. Or, you may alternatively press the '2' key.

To make your device visible to other Bluetooth users

Go to **Menu > Bluetooth settings**. This will take you to the Bluetooth screen described in chapter 4.3.

To enable and disable all wireless elements

To switch both the Bluetooth and Telephony on or off at once, press the 'All' selection or press '1' on the keypad.



7.10 TOSHIBA Sharing Application

TOSHIBA Sharing enables you to use two functions, Remote Keyboard and Remote Screen. Using Remote Keyboard, you can scroll a PC application displayed on a PC screen in the direction of four directions using mobile phone from the distant place. Using Remote Screen, you can display the replica of a LCD screen of your device on PC screen. Using the PC keyboard and Remote Screen GUI on PC, a keystroke can be carried out to the device. You can operate the device from a PC.

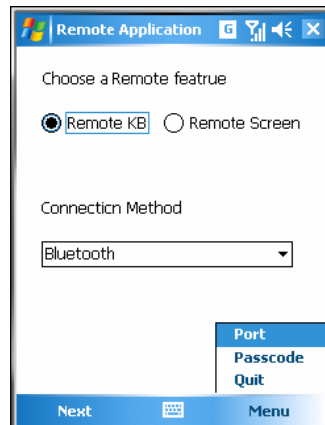
Preparation for using TOSHIBA Sharing Application

- Sharing Application is beforehand pre-installed in your device
- Please install Sharing Application to a PC. Sharing Application is recorded on accompanying CD.
- Sharing Application supports the communication using one network of USB, Bluetooth, and Wi-Fi.
- Please set beforehand to both phone and PC to be able to use the network before using Sharing Application.
- Click one of the buttons of Remote Key or Remote Screen on the main console of PC side.

To start sharing

Then do the following steps on the phone side:

1. On the home screen, click  **Start > More > Sharing**
- 2.



2. Click the radio button to choose a remote feature: keyboard or screen.

TOSHIBA Sharing Application main screen description:

Remote KB:

If the Remote KB feature is selected, the device could scroll a PC application using its navigation keys. Shown below is the key assignment of phone.

The Device's Up Navigation Button performs a Page Up.

The Device's Down Navigation Button performs a Page Down.

The Device's Right Navigation Button moves the PC's cursor to the right.

The Device's Left Navigation Button moves the PC's cursor to the left.

Remote Screen:

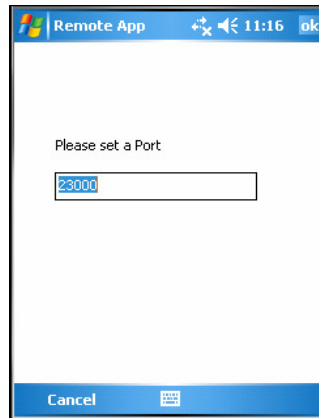
Remote Screen plays a role as an assistance of a keystroke. You can input a text data into your device comfortably using the large PC screen and wide pitched PC input device.

Connection method:

You could select the connection method of the device and PC. Those methods are: Bluetooth, USB and Wi-Fi.

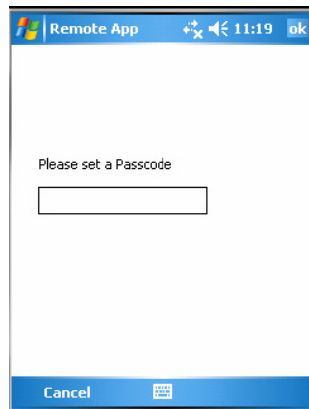
Port:

To set the port of TOSHIBA Sharing click **Menu > Port**. Shown below is the port setting screen.



Passcode:

To set the passcode of TOSHIBA Sharing, click **Menu > Passcode**. Shown below is the passcode setting screen.



Note:

In the TOSHIBA Sharing Application main screen, if you select "Next" without setting passcode. This screen appears also, and asks you to set the passcode before using the application

Hide:

To set the visibility of TOSHIBA Sharing click **Menu > Hide**

About:

To view the version of Toshiba Sharing click **Menu > About**

Quit:

To quit Toshiba Sharing click **Menu > Quit**

7.11 TOSHIBA Zoom Application

TOSHIBA Zoom Application enables you to magnify or decrease the current window size. The window could be magnified to as large as 8 times of normal size.

You can use the Set Zoom Level dialog box to set a specific zoom level in the Viewer or in Edit Mode. Zoom application is launched at level x2 (200%). It can be done at various levels x2 (200%), x4(400%) and x8(800%).

The following operations can be performed:



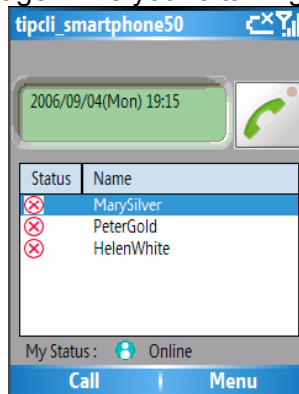
Long press **Volume Up** key to launch the application.

- Press **End key** to close the zooming application and back to the home screen
- Zoom-in (increasing zoom level) through **LSK** key. “Zoom In” menu will be disabled on level “X8”.
- Zoom-out (decreasing zoom level) through **RSK** key. “Zoom Out” menu will be changed to “End” on level “X2”.
- Scrolling up in the zoomed screen through **Up navigational key**
- Scrolling down in the zoomed screen through **Down navigational key**
- Scrolling right in the zoomed screen through **Right navigational keys**
- Scrolling left in the zoomed screen through **Left navigational key**


7.12 TOSHIBA VoIP Application

Toshiba VoIP for Smartphone enables you to:

- Call an IP phone (Toshiba VoIP for Smartphone)
- Use answering machine functions
- Check your buddies' current status (offline, online, busy, or away)
- Notify your buddies of your current status (offline, online, busy, or away)
- Send and receive instant message while you're talking



Launching an application

To launch Toshiba VoIP for Smartphone, press  **Start > More > Toshiba VoIP**. When you launch it for the first time, it opens configuration dialog automatically.

Calling an IP phone

To call an IP phone:

- 1) Open address book by selecting **Menu -> Show -> Buddy List**
- 2) Choose a buddy on your buddy list.
- 3) Press Call button on the bottom left.

Answering a call

To answer a call while hearing ringing tone: Press Call button on the bottom left.

Answering a call automatically

In addition to answering a call by pressing **Call** button while hearing ringing tone, you can let VoIP answer a call automatically, if you activate this function. When 10 seconds have passed after a call is received, this application answers it and sends answer message to a calling party. Your calling party can record his/her voice message after hearing answer message. The length of recorded message is less than or equal to 20 seconds.

Holding a call

To hold a call, press **Menu > User Voice Service > Hold** while you're talking. While holding a call, if you press **Menu > User Voice Service > Hold**, you can talk again.

Hanging up

To hang up: Press **Call** button while you're talking.

Redialing using outgoing call history

You can redial using outgoing call history. The maximum number of outgoing call history stored at the same time is 20. If it exceeds the limit, the oldest outgoing call history is deleted.

To redial using outgoing call history:

- 1) Open outgoing call history if it's not by selecting **Menu > Show > Outgoing Calls**
- 2) Choose an outgoing call history.
- 3) Press Call button.

Calling back using incoming call history

You can call back using incoming call history. The maximum number of incoming call history stored at the same time is 20. If it exceeds the limit, the oldest incoming call history is deleted whether it has voicemail message or not.

To call back using incoming call history:

- 1) Open incoming call history if it's not by selecting **Menu > Show > Incoming Calls**.
- 2) Select an incoming call history.
- 3) Press Call button.

Muting microphone

To mute microphone while you're talking:

Press **Menu > Use Voice Service > Mute**

To restore microphone while you're talking:

Press **Menu > Use Voice Service > Mute again**

Switching to handsfree mode

When you begin to talk, you can hear your party's voice from your receiver.

To hear his/her voice from your embedded speaker as handsfree mode:

- 1) Press **Menu > Use Voice Service > Handsfree**

To hear his/her voice from your receiver again:

- 1) Press **Menu > Use Voice Service > Handsfree again**

Adding a contact to your buddy list

To add a contact: to your buddy list:

- 1) Press **Menu > Edit Buddy List > Add Contact**.
- 2) Enter contact
- 3) Press **OK** button if you add it. Otherwise press **Cancel** button.

Removing a contact from your buddy list

To remove a contact from your buddy list:

- 1) Open address book if it's not by selecting **Menu > Show > Buddy List**.
- 2) Choose a buddy on your buddy list.
- 3) Press **Menu > Edit Buddy List > Remove Contact**.
- 4) Press **OK** button if you remove it. Otherwise press **Cancel** button.

Playing back a voicemail

To play back a voicemail:

- 1) Open incoming call history if it's not by selecting **Menu > Show > Incoming Calls**.
- 2) Select an incoming call history with voicemail icon.
- 3) Press **Menu > Use Voice Service > Playback Voice Msg**.

Instant messaging (IM)

While you connect to another Toshiba VoIP, you can send and receive instant message each other.

To start instant messaging:

- 1) Call another Toshiba VoIP user and wait to have the call answered.
- 2) Press **Menu > Send Instant Msg** after the call is connected.
- 3) Type your message in the second text box from the top.
- 4) Press Send button if you send your message.

All the messages including yours are displayed in the first message box from the top.

Change your current status by using presence service

You can notify your buddies of your current status.

Choose your current status (offline, online, busy or away) after pressing **Menu > Change My Status**.

Configuring Toshiba VoIP for Smartphone

Press **Menu > Configure Options**

Enter your user name, password, server ip, and server port. In addition, if two or more network adapters are shown, designate a network adapter to use.

If you check "Automatic answer" box, Toshiba VoIP answers a call automatically after answering timer has expired. Your calling party can record his/her voice message after hearing answering message.

Troubleshooting

Wrong User Name or Password

- Make sure you set your user name or password properly.

Cannot call an VoIP

- Make sure you log on to SIP Server.
- Check contact information in your buddy list.
- Confirm your party's status is not offline.

Cannot call a phone

- Make sure you log on to SIP Server. If you log on to it properly, your status (Online, Offline, Busy, or Away) is shown.

You cannot hear your party's voice

- Check speaker volume on your Smartphone.

Your party cannot hear your voice

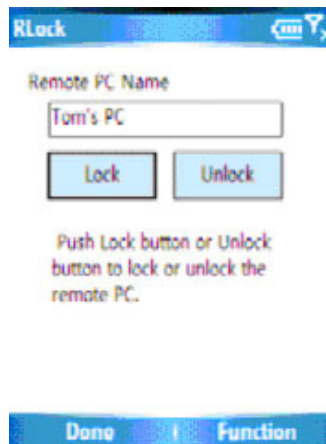
- Check microphone volume on your Smartphone.
- Make sure muting microphone is not activated.

7.13 SIM Manager

SIM manager enables you to copy your contacts' information from phone to SIM card or from SIM card to phone.

7.14 Remote Lock

To prevent your personal computer (PC) from being operated by others when you are not at the place, you may lock your personal computer or logoff your account, and when you come back to your personal computer, you may unlock it. Usually these operations are troublesome and accompanied with the password inputting. SP1 Remote PC Lock/Unlock application is to be designed to simplify these operations only by pushing a button on the screen of SP1, if you are an Sp1 user. The communication between PC and SP1 is realized by bluetooth.



At the PC side, a service program is running, which waits lock and unlock commands (requests) from SP1 side by monitoring bluetooth communication status. If a lock or unlock command comes, the service program locks or unlocks PC by calling the functions of Gina (Graphical Identification and Authentication).

There are three types of lock methods, **Screen Lock**, **Screen Saver**, **Logoff**. There is a registration program in PC side that makes the linkage relation of PC and SP1. By running this program, you can select a lock type, input the password, make a PC name, and send that information to SP1 side. After having received acknowledgement from SP1 side, and if acknowledgement is "Yes", the registration finishes and the linkage relation will be saved into the memory media of 2 sides. Then you can lock and unlock your personal computer by pushing of button on the screen of SP1.

The pictures are shown below to give you a brief outline of lock/unlock mechanism.

Chapter 8 Maintaining your phone

8.1 Maintaining your phone

Your phone is a well-designed and engineered product and the following tips and suggestions will enable you to obtain the best use of your phone for many years.

- Keep the phone in a dry environment. If the phone or battery were to get wet due to misuse, this can invalidate the manufacturer's warranty.
- Do not use the phone with wet hands to avoid any shocks and risk of water entering into the device, thereby increasing the risk of damage to internal circuits. This applies also if you have to replace the SIM or mini SD card inside the phone for whatever reason.
- Keep the phone and its accessories out of reach of young children and pets. They may accidentally damage the phone or risk swallowing the smaller components.
- Avoid storing the phone in hot environments as high temperatures can shorten the life of electronic components. There is the risk that the plastic casings can warp or melt if the temperature is high enough.
- Also, please avoid storing the phone in cold environments. When the phone is switched on and warms up to its normal operating temperature, moisture can form inside the device which may damage the circuit boards internally.
- Avoid dropping or any hard knocks to the phone as these shocks can damage the internal circuit boards.
- If you need to clean the phone, wipe it with a soft clean cloth – avoid use of cleaning solvents or detergents. DO NOT use water to clean the LCD screen.
- Do not attempt to respray or paint the phone.
- Do not keep the phone in or near heat sources such as a radiator or microwave oven – this can cause the battery inside the phone to overheat and explode.
- Ensure that the volume is turned down if you are using headphones.
- If the phone has a flash unit, do not operate the flash too close to the subjects' eyes as this may cause damage to their eyes.
- If the phone does not work carry out some basic troubleshooting checks according to the manual. If the problem still persists, please do not attempt to service or repair the device yourself as this may invalidate the terms of the warranty with the device. The repair should be carried out by an authorized service repairer.

8.2 Restarting your device

You may want to restart your phone, for example, when a program is not performing properly or the phone does not respond to any key presses.

To restart the phone

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

WARNING! If the phone is restarted while a program is running, data that you have not saved will be lost.

Hard Resetting your Device

If your phone starts to perform badly, you may try to Hard Reset the device to clear the issue. Note that this will delete all applications you have installed, plus all your personal data including music, ringtones, pictures etc. You are advised to back up all of your data before proceeding with this operation.

Note: Use this procedure as a last resort. If you are finding an application is not running properly, this is most likely to be a conflict between installed programs. We recommend un-installing the most recently added program first. Follow the section on 'removing programs' in order to do this. Also verify that the program is designed to be run on this telephone by comparing the requirements to the information given in the phone under [Start > Settings > About](#).

After a reset you will need to re-install all the programs you had previously.

To hard reset your phone

1. Click **Start > Settings > More > Perform Hard Reset**.
2. Follow the on-screen instructions to reset the phone.

The phone will restart after it has been reset.

Appendix Other Applications

A.1 Battery Information

Battery performance depends on many factors, including your wireless service provider's network configuration, signal strength, the temperature of the environment in which you operate your phone, the features and/or settings you select and use, items attached to your phone's connecting ports, and your voice, data, and other program usage patterns.

Battery life estimates (approximations)

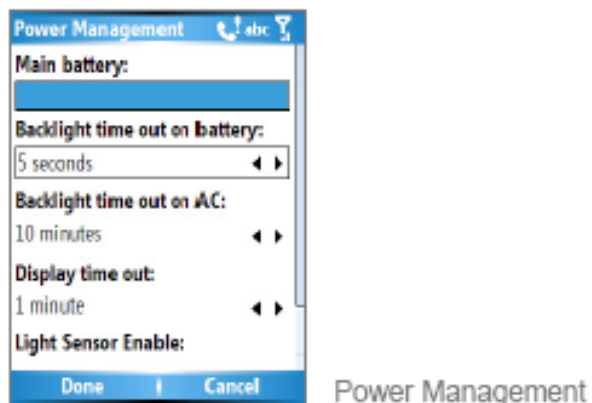
- Talk time: 4 hours
- GPRS/Internet browsing: 1.5 hours
- Standby time: 150 hours

To check the battery power

- On the Home screen, click **Start > Settings > Power Management**.

To optimize the power performance

- On the Home screen, click **Start > Settings > Power Management** , and adjust the backlight, display, and light sensor settings.



To manage a low battery

When the low-battery warning appears, do the following:

1. Immediately save your current data.
2. Synchronize with your PC to charge the battery.
3. Turn off your phone.

For information about charging the battery, see the Quick Start Guide. \

⚠ DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. TO REDUCE RISK OF FIRE OR BURNS, DO NOT DISASSEMBLE, CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS, EXPOSE TO TEMPERATURE ABOVE 60°C (140°F), OR DISPOSE OF IN FIRE OR WATER. REPLACE ONLY WITH SPECIFIED BATTERIES. RECYCLE OR DISPOSE OF USED BATTERIES ACCORDING TO THE LOCAL REGULATIONS OR REFERENCE GUIDE SUPPLIED WITH YOUR PRODUCT.



A.2 PC requirements to run ActiveSync 4.2

At the time of writing this manual, the requirements for this were published from Microsoft's website for ActiveSync 4.2 – <http://www.microsoft.com/windowsmobile/downloads/as-sysreq42.msp>

Supported Operating Systems

- Microsoft Windows 2000 Service Pack 4;
- Windows Server 2003 Service Pack 1;
- Windows Server 2003 Service Pack 1 for Itanium powered Systems;
- Windows Server 2003, Datacenter Edition for 64-Bit Itanium-Based Systems;
- Windows XP Professional 64-Bit Edition (Itanium);
- Windows XP Service Pack 1;
- Windows XP Service Pack 2;
- Windows XP Tablet PC Edition;
- Microsoft Windows XP Media Center Edition;
- Microsoft Outlook 2000, Microsoft Outlook XP, or Microsoft Outlook 2003 messaging and collaboration clients required for synchronization to the desktop or portable computer of e-mail, Calendar, Contacts, Tasks, and Notes. (Outlook 2003 is recommended)
- Microsoft Office 2000, Microsoft Office XP or Microsoft Office 2003
- Microsoft Internet Explorer 6.0 or later (required)
- Microsoft Systems Management Server 2.0

The following mobile device operating systems are supported by ActiveSync 4.2

- Microsoft Windows Mobile 5.0
- Messaging and Security Feature Pack for Microsoft Windows Mobile 5.0
- Microsoft Windows Mobile 2003 Second Edition
- Microsoft Windows Mobile 2003
- Microsoft Pocket PC 2002 , Microsoft Windows CE OS version 3.0

- Microsoft Smartphone 2002 , Microsoft Windows CE OS version 3.0

A.3 Regulatory Notices

Agency identification numbers

To ensure continued reliable and safe operation of your Smartphone, use only the accessories listed in this document.

This product is intended to be used with a certified class 2 limited power source, rated 5.6 volts DC, maximum 750mA power supply unit.

European Union Notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/ 3/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms:

- EN 60950 -1 (IEC 60950) – Safety of Information Technology Equipment.
- ETSI EN 301 511 V9.0.2 (2003-03) for Mobile communications (GSM); Harmonized standard for mobile stations in the GSM 850 and DCS 1800 bands covering essential requirements under article 3.2of the R&TTE directive (1999/5/EC)
- ETSI TS 151 010 – 1 V7.0.1(2006-02) Digital cellular telecommunications system(Phase 2+) Mobile Station (MS) conformance specification; Part 1 : Conformance specifications
- EN 50360 - 2001 – Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz ~ 3 GHz).
- EN 50361 - 2001 – Basic standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz ~ 3 GHz).
- 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) for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS).

- ETSI EN 301 489-17 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems.
- ETSI EN 300 328 Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques.



Important Health and Safety Information

Safety Guidelines

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

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

General

- Use your phone in the intended manner (holding it to your ear). Incorrect usage may affect its performance. Only qualified service personnel should install or repair the phone and its accessories.
- Use only compatible batteries and accessories. Using incompatible items may permanently damage the phone.
- Do not connect the phone to any other device without reading the provided documentation. The other device may be incompatible.
- When making emergency calls from your phone, ensure that the phone is switched on and in service.
- Interference may affect your phone's performance. Once you move away from the source of the interference, the phone should operate as usual.
- When the phone is used for extended periods of time, especially in high temperature conditions, the phone surface could become hot.

Please use caution when touching the phone under such conditions.

Operating environment

- Do not use a hand-held phone while driving or otherwise operating machinery. If using a hand-held phone, park the vehicle before conversing. If using an integrated hands-free device, make sure the phone is securely in its holder.
- Switch your phone off if you are entering a hospital or other such institution. Medical equipment may be affected by the phone so you should observe any building regulation governing phone usage.
- Switch your phone off when on an aircraft. The aircraft's systems may be affected by

the phone signal. You are legally obliged to comply with this recommendation.

- Switch your phone off in any facility where posted notices so require.
- Do not use your phone when refueling. You should keep your phone away from fuel and chemicals.
- Switch your phone off when blasting is in progress. Observe any provided guidelines or regulations.
- Switch your phone off when in an area with a potentially explosive atmosphere (for example fuel storage areas, spray paint facilities etc.).
- Only qualified personnel should install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty. For more information, check with the manufacturer or its representative of your vehicle.

Electronic devices

- If you wear a pacemaker, or are in the company of someone who does, you should be aware that there is small risk of your phone interfering with the operation of the pacemaker. Only certain types of pacemaker are affected and only if the mobile phone is placed next to it. You should contact your doctor or the manufacturer of the pacemaker for more information.
- Your phone may interfere with some hearing aids. If this happens you should contact your service provider or doctor.
- Your phone may interfere with the functionality of inadequately shielded medical devices. Consult a physician or the manufacturer of the device to ensure safe procedure.
- Your phone may interfere with the functionality of any inadequately shielded electronic system in a motor vehicle. Examples of this type of system include air-bags and fuel injection. You should contact the manufacturer of the vehicle to ensure that it is properly shielded.

Battery safety

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, buy a new battery.

- A new battery or one that has not been used for a long time could have reduced capacity the first few times it is used. The battery can only be charged in temperatures between +5°C (+41°F) and +35°C (+95°F).
- Only use batteries approved by Toshiba and only recharge the battery with the recommended charger supplied by Toshiba.
- When the charger is not in use disconnect it from the power source.
- Do not leave the battery connect to the charger and power source for longer then necessary as overcharging it will shorten its life.
- Do not short-circuit the battery. Accidental short-circulating can occur when a metallic object causes a direct connection between the + and - terminals of the

battery.

- Do not leave the battery in a cold (for example, a fridge) or hot place (for example, in a car exposed to direct sunlight) as this will effect its performance.
- Do not dispose of the battery in a fire.
- Do not dispose of the battery in an ordinary bin. The battery contains toxic chemicals and must be disposed of in the correct manner. Contact your local authority for more information.

Emergency Calls

Calls cannot be made to emergency services while data communication is being performed within a GSM area. If the system mode is set to UMTS Only or GSM Only, calls cannot be made to emergency services if the selected network is unavailable. Also, calls may not be able to be made to emergency services depending on the network services of some service providers. You can still make calls to emergency services when the SIM card is not inserted, the SIM card is locked, the phone lock is set, Fixed Dialing Numbers is set, flight mode is set or call barring service is set. However, there is no guarantee that a connection can be established in all countries and areas because operation of your phone differs depending on the wireless network, wireless signal and your phone's setting status. Do not rely on just your mobile phone when you need to make important calls such as calls to emergency services.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.218 W/kg and when worn on the body, as described in this user guide, is 1.439 W/kg. Body-worn Operation; This device was tested for typical body worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID SP2-RG4-E01.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website at <http://www.phonefacts.net>.

European RF Exposure Information

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 ?????? W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**. In this case, the highest tested SAR value is ?????? 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. This is due to automatic changes to the power level of the device to ensure it only uses the minimum 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/emf>).

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

* Please see the <FCC RF Exposure Information> section about body worn operation.

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.

Use product with approved equipment

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

Cleaning

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

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.



The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo (shown on the top) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point of recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city centre, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

RoHS Compliance

This product is in compliance with Directive 2002 /95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

A.4 Screen Resolution

Type . 2.2" QVGA TFT-LCD
64K colours