Important Information

THIS PHONE MODEL HAS BEEN CERTIFIED IN COMPLIANCE WITH THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed to not exceed the limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by international scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.* Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (i.e., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value as reported to the FCC for this model phone when tested for use at the ear is 0.91 W/kg and when worn on the body is 0.56 W/kg. Body worn measurements are made while the phone is in use and worn on the body with an Ericsson accessory. Accessories can significantly affect SAR compliance. The Federal Communication Commission requires that some manufacturers' accessories be tested, and Ericsson has done so with respect to its products. Ericsson has not tested non-Ericsson accessories in conjunction with Ericsson phones. It is therefore recommended that only Ericsson accessories be used in conjunction with Ericsson phones.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. While there may be differences between the SAR levels of various phones, all mobile phones granted an FCC equipment authorization meet the government requirement for safe exposure.

SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID PXITR-419-A2. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at http://phonefacts.net/.

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a margin of safety to give additional protection for the public and to account for any variations in measurements.

ERICSSON ⬙

LZT 123 4598/17 R1

T61 series User's Guide

Para obtener una copia en español de esta Guía del Usuario, visite nuestra página Web en www.SonyEricssonMobile.com/phones o, si se encuentra en Estados Unidos, también puede llamar al 1-800-374-2776.

Register your new phone, purchase Sony Ericsson original accessories, and see the latest in products by visiting us at www.SonyEricssonMobile.com.

This manual is published by Sony Ericsson Mobile Communications (USA) Inc., without any warranty. Improvements and changes to this manual necessitated by typographical errors, inaccuracies or current information, or improvements to programs and/or equipment may be made by Sony Ericsson Mobile Communications (USA) Inc., at any time and without notice. Such changes will, however, be incorporated into new editions of this manual.

Trademarks referred to herein are trademarks of their respective companies.

Please note:
Some of the services in this manual are not supported by all networks. *This also applies to the GSM International Emergency Number 112 or 911.*

Please contact your network operator or service provider if you are in doubt about whether you can use a particular service or not.
Please read the *Guidelines for safe and efficient use* and the *Limited warranty* chapters before you use your mobile phone.

Some menus/features are operator dependent.

Features of Your Mobile Phone

Voice Services
With your mobile phone, there is no need to use your hands. You can answer or reject incoming calls, record voice labels, and record voice memos by simply speaking. You can also use the Magic Word feature to activate voice recognition by saying a single word. For more information about these voice features, see "Voice Control" on page 43.

Calendar/Synchronization
You can easily synchronize your mobile phone with your PC software to keep track of appointments, meetings, contacts, to dos, and to receive reminders. And with SyncML, you can use WAP to synchronize with your internet phone book. For more information about synchronizing your calendar, see "Internet Calendar Synchronization" on page 85.

Connectivity
You can surf the internet on your mobile phone, send and receive e-mail, access internet services, or connect the phone to your laptop with a high-speed internet connection. You can use your mobile phone as a modem with landline speeds. And with high speed data transmission, you are always connected. For more information, see "WAP" on page 73.

Messaging/Chat
With Enhanced Messaging (EMS), a picture is truly worth a thousand words. You can send pictures, ring tones, animations, and sounds along with text messages. And you can create your own ring tones and animations. For more information, see "Text messages" on page 64.

Personalization
You can personalize your phone by changing the cover, downloading ring tones, animations, and images, and customizing your background picture. For other ways to personalize your phone, visit wap.sonyericssonmobile.com.

Accessories
Sony Ericsson offers a number of innovative and unique accessories including the FM Radio, the MP3 Player, the Chatboard™, the Bluetooth™ adapter/headset, Smartbacks™, and many others. Refer to your Accessory

leaflet that came with your mobile phone for ordering
instructions.

Important Information

Sony Ericsson Consumer web site
On www.sonyericssonmobile.com you will find a support section where help and tips are only a few clicks away. Here you find the latest software updates, tips on how to use your product more efficiently, function guides for some of the products and additional help when you require it.

Safe and Efficient Use
Please read this information before using your mobile phone.Your mobile phone is a highly sophisticated electronic device. To get the most out of your mobile phone, please read this section about product care, and safe and efficient use.

Product Care
- **Do not** expose your product to liquid or moisture.
- **Do not** expose your product to extreme high or low temperatures.
- **Do not** expose your product to lit candles, cigarettes, or cigars, or to open flames etc.
- **Do not** drop, throw or try to bend the product as rough treatment could damage your product.

- **Do not** paint your product as the paint could obstruct the earpiece, microphone or any moveable parts and prevent normal use.
- **Do not** attempt to disassemble your product. The product does not contain consumer serviceable components. Only Sony Ericsson Service Points or Certified Service Centers should perform service.
- **Do not** use any accessories other than Ericsson originals, with the exception of products approved by the Bluetooth Qualification Review Board. Use of non-Ericsson original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-Ericsson original accessories.
- **Treat your product with care, keep it in a clean and dust-free environment.**

Antenna Care
- To avoid impaired performance, please ensure your mobile phone's antenna is not bent or damaged.

- Do not remove the antenna yourself. If your mobile phone's antenna is damaged, please take it to an Ericsson Service Point or Certified Service Center.
- Use only an antenna that has been specifically designed for your mobile phone. Use of unauthorized antennas, modifications, or attachments could damage the mobile phone and may violate the appropriate regulations, causing loss of performance and radio frequency (RF) energy above the recommended limits.

Efficient Use
For optimum performance with minimum power consumption please:
- Hold the mobile phone as you would any other telephone. While speaking directly into the mouthpiece, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/retractable, it should be extended during a call.
- Do not hold the antenna when the mobile phone is in use. Holding the antenna affects call quality, may cause the mobile phone to operate at a higher power level than needed and may shorten talk and standby times. If your mobile phone is equipped with an infrared port, never direct the infrared ray at anyone's eye and make sure that it does not disturb any other infrared units.

Radio Frequency Energy
Your mobile phone is a low-power radio transmitter and receiver. When it is turned on, it intermittently receives and transmits radio frequency (RF) energy (radio waves). The system that handles the call controls the power level at which the phone transmits.

Exposure to Radio Frequency Energy
All Ericsson mobile phone models are designed to not exceed the limits for exposure to RF energy set by national authorities and international health agencies.* These limits are part of comprehensive guidelines and establish permitted levels of radio wave exposure for the general population. The guidelines were developed by independent scientific organizations such as ICNIRP (International Commission on Non-Ionizing Radiation Protection) through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health, and to account for any variations in measurements.
*Examples of radio frequency exposure guidelines and standards that Ericsson mobile phone models are designed to conform to:

- ICNIRP, "Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz)", International Commission on Non-Ionizing Radiation Protection (ICNIRP), Health Physics, vol.74, pp.494-522, April 1998.
- 99/519/EC, EU Council Recommendation on the limitation of exposure to the general public to electromagnetic fields 0 Hz-300 GHz, Official Journal of the European Communities, July 12, 1999.
- ANSI/IEEE C95.1-1992. "Safety levels with respect to human exposure to radio frequency electromagnetic fields, 3kHz to 300 GHz", The Institute of Electrical and Electronics Engineers Inc., New York, 1991.
- FCC Report and Order, ET Docket 93-62, FCC 96-326, Federal Communications Commission (FCC), August 1996.
- Radiocommunications (Electromagnetic Radiation Human Exposure) Standard 1999, Australian Communications Authority (ACA), May 1999.

Driving

Check the laws and regulations on the use of mobile phones in the areas where you drive. If you are going to use your mobile phone while driving, please:
- Give full attention to driving.

- Use an Ericsson Vehicle Handsfree Solution, if available. Law in many countries/states requires drivers to use a Vehicle Handsfree Solution. Read the installation instructions carefully before installing a Vehicle Handsfree Solution.
- Pull off the road and park before making or answering a call if driving conditions so require.
RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. In addition, some vehicle manufacturers do not allow use of mobile phones in their vehicles, unless the installation is supported by a handsfree kit with an external antenna. Check with your vehicle manufacturer's representative to be sure that your mobile phone will not affect the electronic systems in your vehicle.

Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do not place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Electronic Devices

Most modern electronic equipment, for example equipment in hospitals and cars, is shielded from RF energy. However, certain electronic equipment is not, therefore:

- Do not use your mobile phone near medical equipment without requesting permission.
  Mobile phones may affect the operation of some implanted cardiac pacemakers and other medically implanted equipment. Pacemaker patients should be aware that the use of a mobile phone very close to a pacemaker might cause the device to malfunction. Avoid placing the mobile phone over the pacemaker, e.g. in your breast pocket. When using the mobile phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm is kept between the mobile phone and the pacemaker, the risk of interference is limited. If you have any reason to suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist for more information.
  Some hearing aids might be disturbed by mobile phones. In the event of such disturbance, you may want to contact your local Call Center to discuss alternatives.

Aircraft

- Turn off your mobile phone before boarding any aircraft.
  To prevent interference with communication systems, you must not use your mobile phone while the plane is in the air.
- Do not use it on the ground without permission from the crew.

Blasting Areas

Turn off your mobile phone when in a blasting area or in areas posted "turn off two-way radio" to avoid interfering with blasting operations. Construction crews often use remote control RF devices to set off explosives.

Explosive Atmospheres

Turn off your mobile phone when in any area with a potentially explosive atmosphere. It is rare, but your mobile phone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.
Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas, such as petrol stations, below deck on boats, fuel or chemical transfer or storage facilities, and areas where

the air contains chemicals or particles, such as grain, dust, or metal powders.

Do not transport or store flammable gas, liquid, or explosives in the same compartment of your vehicle that contains your mobile phone and accessories.

Power Supply

- Connect the AC power adapter only to designated power sources as marked on the product.
- To reduce risk of damage to the electric cord, remove it from the outlet by holding onto the AC adapter rather than the cord.
- Make sure the cord is positioned so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.
- The AC power adapter must not be used outdoors or in damp areas.

Children

DO NOT ALLOW CHILDREN TO PLAY WITH YOUR MOBILE PHONE SINCE IT CONTAINS SMALL PARTS THAT COULD BECOME DETACHED AND CREATE A CHOKING HAZARD.

Disposing of the Product

The product should never be placed in municipal waste. Please check local regulations for disposal of electronic products.

Emergency Calls

IMPORTANT!

This mobile phone, like any mobile phone, operates using radio signals, cellular and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any mobile phone for essential communications (e.g. medical emergencies).

Remember, in order to make or receive calls, the mobile phone must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone networks or when certain network services and/or mobile phone features are in use. Check with your local service provider.

Battery Information

Charging the Battery

The battery delivered with your phone is not fully charged. We recommend that you charge the battery for 12 hours before you use the phone for the first time. If you are charging a new battery, or a battery that has run out completely, it may take a while before you get any indication (the battery meter appears in the display) that the battery is being charged.

Please note that you cannot turn on the phone before the indicator lights up and the battery meter appears in the display.

The battery can only be charged in temperatures between +41°F (+5°C) and +113°F(+45°C).

Battery Use and Care

A rechargeable battery has a long service life if treated properly. 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 talk and standby times depend on the actual transmission conditions when using the phone. If the phone is used near a base station, less power is required and talk and standby times are prolonged.

- Use only Ericsson original batteries and chargers. Using other batteries and chargers could be dangerous, and the warranty does not cover product failures which have been caused by use of non-Ericsson original batteries and chargers.
- Do not expose the battery to extreme temperatures, never above +140°F (+60°C). For maximum battery capacity, use the battery at room temperature. If the battery is used in low temperatures, battery capacity will be reduced.
- Turn off your phone before removing the battery.
- Use the battery for the intended purpose only.
- Do not attempt to take the battery apart.
- Do not let the metal contacts on the battery touch another metal object. This could short-circuit and damage the battery.
- Do not expose the battery to open flames. This could cause the battery to explode.
- Do not expose the battery to liquid.
- Do not allow the battery to be put into the mouth. Battery electrolytes may be toxic if swallowed.

Disposing of the Battery

The battery should never be placed in municipal waste. Please check local regulations for disposal of batteries.

Limited Warranty

Thank you for purchasing this Ericsson Product. To get maximum use of your new Product we recommend that you follow a few simple steps:

- Read the Guidelines for Safe and Efficient use.
- Read all the terms and conditions of your Ericsson Warranty.
- Save your original receipt. You will need it for warranty repair claims. Should your Ericsson Product need warranty service, please return it to the dealer from whom it was purchased or contact your local Ericsson Call Center to get further information.

Our Warranty

Ericsson warrants this Product to be free from defects in material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

Any Ericsson accessory is covered by a warranty period of one (1) year from the date of its original purchase by a consumer in accordance with the applicable terms and conditions stipulated herein.

What We Will Do

If, during the warranty period, this Product fails to operate under normal use and service, due to improper materials or workmanship, Ericsson subsidiaries, authorized distributors, Service Points or Certified Service Centers will, at their option, either repair or replace the Product in accordance with the terms and conditions stipulated herein.

Conditions

1. The warranty is valid only if the original receipt issued to the original purchaser by the dealer, specifying the date of purchase and serial number, is presented with the Product to be repaired or replaced. Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.

2. If Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Ericsson.

3. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with Ericsson's instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, modification or adjustment, acts of God, improper ventilation or damages resulting from liquid.

4. This warranty does not cover Product failures due to improper repair installations, modifications or service performed by a non-Ericsson Service Point or Certified Service Center or opening of the Product by non-Ericsson certified persons.

5. The warranty does not cover Product failures which have been caused by use of non-Ericsson original accessories.

6. Tampering with any of the seals on the Product will void the warranty.

7. THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL ERICSSON BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS, TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

Some countries/states do not allow the exclusion or limitation of incidental or consequential damage, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other legal rights which may vary from country/state to country/state.

International Service

You can have your Ericsson Product serviced within the warranty period in any country/state where an **identical** Product is sold by an authorized Ericsson distributor. To find out if your Product is sold in the country/state you are in, please call the local Call Center. In order to be granted service, you have to present your original receipt specifying the date of purchase and serial number. Please observe that certain services may not be possible

elsewhere than in the country/state of original purchase, for example due to the fact that your Ericsson Product may have an interior or exterior which is different from equivalent models sold in other countries/states. It may not be possible to repair SIM-locked Products.

Regulatory Information

FCC Statement
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.

Getting Started

About this user's guide
For ease of reference, the "Getting to know your phone" chapter gives a quick overview of the main functions of the phone, shortcuts and general information.

Available services
Some services and functions described in this user's guide are network- or subscription-dependent. Because of this, all menus may not be available in your phone. This symbol indicates that a service or function is network- or subscription-dependent.
Please consult your network operator for more information about your subscription.

The SIM card
When you register as a subscriber with a network operator, you get a SIM (Subscriber Identity Module) card. The SIM card contains a computer chip that keeps track of your phone number, the services included in your subscription, and your phonebook information, among other things.

Assembly
Before you can use your phone, you need to:
1. Install your SIM card and lock it in place.
2. Attach and charge your battery.

Note! Always turn off the phone and detach the charger before you insert or remove a SIM card.
Note! You have to insert the SIM card and charge the battery before you can use the phone.

Installing Your SIM Card
Insert the SIM card by doing the following:
• Slide the SIM card into the slot formed by the silver holders on the back of your phone. From the bottom, make sure that the notch is on the top left corner.
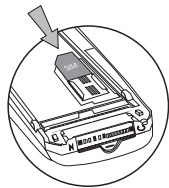
- Lock the SIM in place by sliding it into the slot until you hear a click.

Note! There is a safety switch on the back of your phone that powers off the phone when it is released. This button will power off your phone so be careful when opening the back cover.

Charging Your Battery

To charge your phone for the first time, you must attach your phone's battery to the back of your phone under the back cover. Then, you must replace the back cover. Once you install your battery, you should not need to remove it.

1. Connect the charger to the phone at the flash symbol. The flash symbol on the charger plug must face upwards.
2. It may take up to 30 minutes before the battery charging icon appears in the display.
3. Wait approximately 12 hours or until the icon indicates that the battery is fully charged.
4. Remove the charger by tilting the plug upwards.
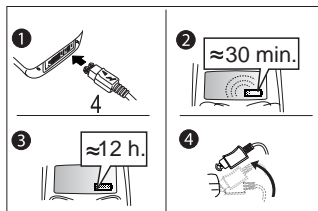
Attaching Your Battery

1. Hold the battery over the back of the phone (label side down).
2. Locate the connector at the end of the blue, red, and black wires and insert the plug. It will only fit one way. Do not force it.
3. Holding the battery at a perpendicular angle (label side up), slip the left side of the battery into the hinge. Snap the right side in.
4. Lower the battery until it lays flat.
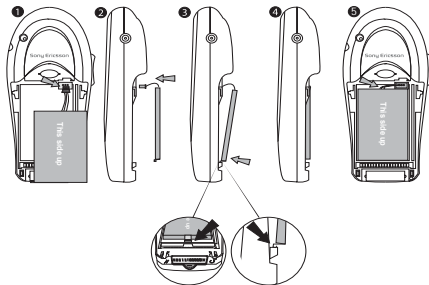
Replacing the Back Cover

Locate the notches along each side of the back of the phone.
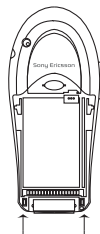
Using the notches as a guide, slide the back cover upward. Press the back cover latch to allow the back cover to fully insert. Click the back cover into place.

Note: Never use your phone with the front or back cover removed.

Getting To Know Your Phone

Phone Views

The following diagrams illustrate the front, back, and bottom views of your phone.

1 Earpiece
2 Side volume keys
3 Display
4 Left softkey
5 Joystick
   (4-way navigation
   with center push key)
6 Options key
7 Keypad
8 Power On/Off key
9 Clear key
10 Right softkey
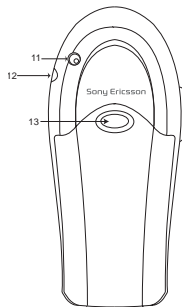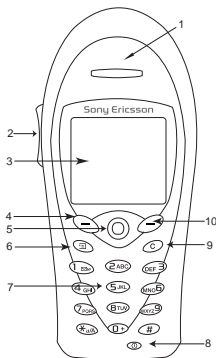
11 External antenna connector
12 Headset jack
13 Back cover latch
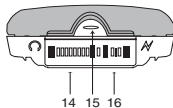
14 Accessory Connector
(Handsfree, Charger, FM radio,
MP3, Chatboard, etc.)
15 Microphone
16 Charging connector

Changing Front Covers

Your phone is equipped with a replaceable front cover.
you may purchase additional front covers at
www.sonyericssonmobile.com/phones. Never use your
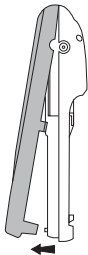phone with the front cover removed.

Remove the back cover.
Use one hand to press
down on the back cover
latch and the other hand
to slide the cover off the
phone.
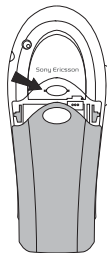
Locate the latches at the
bottom of your phone.
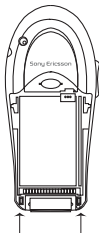
Press down on the
latches while lifting the
front cover away from
the phone (remove from
the bottom).

Quick Keys

The table describes some of the most useful key
combinations.

To...	Do this when in standby:
Make an emergency call	Enter the international emergency number **112** or **911** and press **CALL**
Enter and move through the menus	Tilt the joystick left or right
Enter the *Call List*	Press **CALL LIST**
Voice dial	Press and hold the upper or lower side volume key or say your pre-recorded Magic Word when enabled.
Call your **voicemail**	Press and hold $\widehat{\left(1_{\oplus}\right)}$
Call a contact	Tilt and hold the joystick to the right
Enter the **+** sign for international calls	Press and hold $\widehat{\left(0+\right)}$
Turn on keypad lock	Press and hold **CLR** and select keypad lock.
Set the phone to silent	Press and hold **CLR**

To...	Do this when in standby:
Reach a contact beginning with a specific letter	Press and hold any of the keys **2 - 9** depending on the first letter of your contact name
Speed dial	Press any of the number keys **2-9** and **CALL** (**1** is reserved for voice mail). For example, press **5** to dial the contact in position 5 in your phonebook.
View the status screen	Press the upper or lower side volume key from standby
Change the active profile	Tilt and hold the joystick to the left
See today's date	Press the upper or lower side volume key
Change the language setting to automatic	Tilt the joystick left, press **8 8 8 8**, tilt the joystick right.
Change the language setting to the default	Tilt the joystick left, press **0 0 0 0**, tilt the joystick right.

To...	Do this when in standby:
Turn on silent mode	Press ✎ and scroll to *Turn On Silent.*
To lock keypad	Press ✎ and scroll to *Lock Keypad.*

To...	Do this during a call:
Put a call on hold	Press **HOLD**
Retrieve a call	Press **RETRIEVE**
Mute the microphone	Pressing and holding **CLR** toggles the microphone on and off.

To...	Do this when in the menus:
Move through menus or lists	Tilt the joystick up or down
Select a menu or setting	Press **SELECT** or press the center push key
Delete an item	Press and hold **CLR** when in lists
Go back to standby	Press and hold **BACK**

Using shortcuts

A quicker way to move through the menus is to use shortcuts. Enter the menus by tilting the joystick to the right or left and then simply enter the number of the

menu to which you want to go. To get back to standby, press and hold **BACK**.

You can quickly and easily reach the settings you use most by placing them in the menu *My Shortcuts*. See "My Shortcuts" on page 40.

Help Texts

To help you use the menus and functions, your phone has pop-up help texts that explain the menus. These help texts are set to *On* when you buy your phone, but you can turn them off at any time.

• To turn off the help texts, scroll to *Settings, Display, Menu Help* and select *On* or *Off*.

Delete, edit and rename

If you add items, for example, a contact, a note, an appointment or a WAP bookmark, it can be deleted, edited or renamed. To delete an item:

• Select an item and press **CLR**. Confirm your deletion.

Online services

Online services are customized services offered by network operators, independently of mobile phones and mobile phone manufacturers.

A SIM card which supports Online services works in the same way as a normal SIM card. When you have inserted your SIM card, with the notch on the top left hand corner, and turned on your phone, your network operator can download data to your SIM card.

• To enter your new menu system, scroll to *Connect. Online Services*.

Note! This menu only appears if your SIM card supports this service. Some operators may not use the name "Online services". Your phone may not support all of the services offered.

Making and receiving calls

• Press and briefly hold ① to turn on your phone.
• Enter your PIN (Personal Identity Number), if you have one for your SIM card. Your PIN is provided by your network operator.

If you make a mistake while entering your PIN, delete the wrong number by pressing **CLR**.

> **Note!** If you enter the wrong PIN three times in a row, the SIM card is blocked and the message PIN blocked appears. To unblock it, you need to enter your PUK (Personal Unblocking Key). Your PUK is provided by your network operator.

- Enter the area code and phone number, and press **CALL** to make the call.
- Press **END** to end the call.
- When the phone rings, press **ANSWER** to answer the call.

> **Note!** Your mobile phone is equipped with an internal antenna located inside the back of your phone, above the back cover. For best reception, hold the phone as you would any other telephone, but be careful not to cover this area with your hand.

Menu overview

Phonebook	**Messages**	**Call Info**	**Settings**	**Extras**	**Browser**	**My Shortcuts**
Call Contact	Call Voicemail	Missed calls	Sounds & Alerts	Voice Memo	Mobile Internet	Edit Shortcuts
Add Contact	SMS	Call list	Profiles	Calendar	Bookmarks	
Edit Contact	Chat	Call Timers	Call Manager	Synchronization	Push Inbox	
Business Cards	Email	Data Counters	Time and Date	Alarms	Enter Address	
Call from SIM	Options	ID next call	Display	Calculator	Resume	
Groups		Options	Voice Control	Games	Select Profile	
Calling Cards			Language	Pictures	Clear Cache	
Options		**Ongoing Call***	Locks	Code Memo	WAP Settings	
Memory Status		Turn Off Tones	Handsfree	Accessories		
Special		Hold Call	Networks			
Numbers		Switch Calls	Data Comm.			
		Release Active	Master Reset			
		Join Calls				
		Transfer Call				
		Release All				
		Call Info				

* Only available during a call

Additional menus are network- and subscription-dependent.

Calling

Before you can make or receive any calls, you must turn on the phone and be within range of a network. See "Making and receiving calls" on page 23.

Making calls

1. Enter the area code and the phone number.
2. Press **CALL** to make the call.
3. Press **END** to end the call.

Tip! You can call numbers from the call list and the phonebook. See "Call list" on page 27 and "Phonebook" on page 28. You can also use your voice to make calls. See "Voice Control" on page 43.

To change the earpiece volume during a call

Press the upper or lower side volume key to increase or decrease the earpiece volume during a call.

To mute the microphone during a call

Press and hold **CLR** until the display shows *Muted*. Press and hold **CLR** again to resume the conversation.

Automatic redialing

If the connection of the call failed and the display shows *Retry?*, press **YES**. The phone redials the number (up to ten times):
• until the call is connected.
• until you press a key or receive a call.

Note! Do not hold the phone to your ear while waiting. When the call is connected, the phone gives a loud signal. Automatic redialing is not available for fax and data calls.

Making international calls

1. Press and hold $\overline{(0+)}$ until a + sign appears in the display. The + replaces the international prefix number of the country from which you are calling.
2. Enter the country code, area code (without the leading zero) and phone number, **CALL**.

Making emergency calls

• Enter 112, 911, or 08 press **CALL**.
  Your mobile phone supports the international emergency numbers, 112, 911, or 08. This means that

these numbers can normally be used to make an emergency call in any country, with or without a SIM card inserted, if a GSM network is within range.

Note! Some network operators may require that a SIM card is inserted, and in some cases that the PIN has been entered as well.

In some countries, other emergency numbers may also be promoted. Your operator may therefore have saved additional local emergency numbers on the SIM card.

To view your local emergency numbers
• Scroll to *Phonebook, Special Numbers, Emergency Numbers.*

Receiving calls

When you receive a call, the phone rings and the displays the number that is calling you. If your subscription includes Caller ID service and the caller's number is identified, the number is displayed. If you have saved the number in your phonebook, the name is displayed. If the number is a restricted number, the display shows *Withheld*.

To answer a call
• Press **ANSWER**.

To reject a call
• Press **MUTE**.
• Press the upper or lower side volume key.

Tip! You can also use your voice to answer or reject calls. See "Voice Control" on page 43.

Missed calls
If you have missed a call, *Missed Calls: 1* appears in standby mode, indicating the number of missed calls.

To check your missed calls
1. Press **CALL LIST** to display the missed calls.
2. To call a number from the list, scroll to the number, **CALL**.

Call list

The numbers of the last calls that you have made are saved in the call list. If your subscription includes the Calling Line Identification service and the caller's number is identified, you will also find the numbers of answered and missed calls in the call list.

To call a number from the call list
1. To enter the call list, press **CALL LIST** from standby.
2. Scroll to the number you want to call, **CALL**.

To clear the Call List
• Scroll to *Call Info, Options, Clear Call Lists*.

To turn the call list on or off
• Scroll to *Call Info, Options, Call Listing*.

Phonebook

To add a contact
1. Scroll to *Phonebook, Add Contact*.
2. Scroll to the field you want to fill in, press **EDIT**.
3. Enter the information.
4. Select the next field and so on.
5. When you have entered the information, scroll to *Save and exit?* and press **PROCEED**.

> **Note!** The total number of contacts varies according to the amount of stored information for each contact. You can check the number of available contacts in the *Phonebook, Memory Status*.

Copy contacts
You can copy the contacts between your phone's memory and the SIM card. The number of contacts that can be saved depends on the type of SIM card.
• To copy contacts to the SIM card, scroll to *Phonebook, Options, Copy all to SIM*.

If you insert a SIM card with saved contacts in your phone, you can call a contact by selecting *Call from SIM* in the *Phonebook* menu. If you want to edit a contact saved on the SIM card, you first need to copy the contact to the phone.
• To copy contacts to the phone, scroll to *Phonebook, Options, Copy from SIM*.

Speed dialing
You can save the phone numbers that you want to reach easily in positions 2-9 on your SIM card.

To call any of these phone numbers from standby:
• Enter the position number
• Press **CALL**.

To change position numbers
1. Scroll to *Phonebook, Options, Position List*.

2. Select the phone number you want to move.
3. Select the position to which you want to move the phone number.
4. When you have finished press **BACK**.
5. *Changes will apply when PB is copied. Copy to SIM?* appears in the display. Press **YES** to copy your changes to your SIM.

Checking the memory

With the Memory status function in your phonebook, you can check how many positions you have left in your memory.

• To check the phonebook memory, scroll to *Phonebook, Memory Status*.

  Note! The total number of contacts varies according to the amount of stored information for each contact.

Adding voice commands to contacts

You can add a voice command to a contact.

• Select *Edit Contact* from the Phonebook menu.
• Find the contact you want to edit by entering the first few letters of the contact name.

• Select *Edit Voice* to add a voice command for the selected contact.
• Press **YES** when prompted to *Add a voice command?*

To call a contact

1. From standby, press and hold one of the number keys 2-9 to find a contact beginning with the first letter on that key (or closest following).
   For example, press and hold 5 to go to the first contact beginning with "J". To go to a contact beginning with "L" press 5 twice after you have entered the list of contacts.
2. When the contact you want to call is highlighted, press **CALL**.
3. Select the number you want to call and press **CALL**.

  Tip! You can also use the *Call Contact* option in the Phonebook menu to call a contact.

Updating the phonebook

When needed, you can easily update or delete any contact information.

To edit a contact

1. Scroll to *Phonebook, Edit contact*.

2. Enter the first letter of the contact.
3. When the contact is highlighted, press **EDIT**.
4. Scroll to the field you want to edit, **SELECT**.
5. Enter the information.
6. Select the next field and so on.
7. When you have entered the information, scroll down to *Save and exit?* and press **PROCEED**.

To delete a contact
1. Scroll to *Phonebook, Edit Contact*.
2. Enter the first letter of the contact.
3. When the contact is highlighted, press **CLR**.
4. You will be prompted to confirm your deletion.

To delete all contacts
• Scroll to *Phonebook, Options, Delete All*.

Note! Contacts that are saved on the SIM card are not deleted.

To copy the contacts stored on your SIM card
1. Scroll to *Phonebook, Options, Copy from SIM*.
2. Press **SELECT**.
3. *Copy from SIM may take a few minutes. Copy now?* appears on your display.

4. Press **YES**.

Default (standard) number
Each contact has a default phone number. The first phone number you link to a contact automatically becomes the default number. If you scroll to a certain contact in the *Call Contact* list and then press **CALL**, the default number is dialed.

To set the default number
1. Scroll to *Phonebook, Edit Contact*.
2. Enter the first letter of the contact.
3. When the contact is highlighted, press the left **SELECT**.
4. Select *Default Number*. Select the number you want as default.

Groups
You can create a group of contacts. By doing so you can send text messages to several recipients at the same time. See "Text messages" on page 64.

To create a group of contacts
1. Scroll to *Phonebook, Groups, Add Group*.
2. Enter a name for the group.
3. Select *Add Member*.

4. Enter the first letters of the contact you want to add.
5. Select the contact by pressing **SELECT**.
6. Select a phone number.
7. Repeat steps 3-5 to add more members.

Entering letters

You can enter letters, for example, when you add names to the phonebook, write text messages or enter WAP addresses. There are two ways to enter text, the multitap method (default) or by using T9™ Text Input. T9™ Text Input is a predictive input method and can be a quicker way to write texts. See "T9™ Text Input" on page 33 for more information.

To switch between input methods

• Press and hold (🔄) during text entry to toggle between Multitap and T9.

Input languages

Before you start entering letters, you need to select the input languages that you want to use when writing.

To select input languages

1. Scroll to *Settings, Language, Input*.

2. Scroll through the list of languages by tilting the joystick up or down.
3. Select or deselect a language by pressing (✳), (✵), or by **CHECK/UNCHECK**.
4. Press **EXIT** to exit the menu.

Multitap text input

When saving names in the phonebook or when writing WAP addresses, you enter letters using multitap text input. You press each key as many times as needed to show the letter you want.
In the following example, we are going to write a name:

To enter letters using multitap text input

Press the appropriate key, **1 – 9**, **0** or (✵), repeatedly until the character you want appears in the display. Be sure to briefly pause between each letter if they are both on the same key. See the table of the Latin alphabet below:

Press…	to get…
1	Space - ? ! , . : ; " ' < = > ( ) _ 1
2	A B C Å Ä Æ à Ç 2 Γ
3	D E F è É 3 Δ Φ
4	G H I ì 4

Press…	to get…
5	J K L 5 Λ
6	M N O Ñ Ö Ø ò 6
7	P Q R S ß 7 Π Σ
8	T U V Ü ù 8
9	W X Y Z 9
0	+ & @ / ¤ % \$ 3£ ¥ \ § ¿ ¡ 0 Θ Ξ Ψ Ω
✎	# * ↵
CLR	to delete letters and numbers
✳	to shift between capital and lowercase letters
0 - 9	press and hold to enter numbers

Options during multitap text input
When you press ✑ during multitap text input, you can choose from the following list of things to do:
- *Add Symbol* – Symbols and punctuation marks such as **?** and **,** are shown. Move between the symbols by tilting the joystick to the left or to the right. Select a symbol.
- *Insert Object* – You can attach a picture, sound, melody, or animation.
- *Caps Lock* – Switch to all capital letters.
- *Language* – You can change your input language.
- *Input method* – A list of input methods is shown.

- *Help* – a help screen is displayed.

Example:
- To enter an '**A**', press **2** once.
- To enter a '**B**', quickly press **2** twice.
- To shift between capital and lowercase letters, press ✳, then enter the letter.

> **Tip!** You can also use the volume key as a shortcut to certain letters. To enter a 'B', press the upper side volume key up and press **2**. To enter a 'C', press the lower side volume key down and press **2**.

Entering Text Quick Keys

To...	Do this when entering letters using multitap text input:
Reach the second letter or character of a key	Press the upper side volume key followed by a digit key (for example, press the upper side volume key then press **2** to enter a B. Press the lower side volume key then press 2 to enter a C.)
Reach the third letter or character of a key	Press the upper or lower side volume key and press any of the number keys
Shift between capital and lowercase letters	Press ⊛.
Enter numbers	Press and hold any of the number keys
Enter a question mark	Press the upper side volume key down and press **1**
Enter the @-sign	Press the lower side volume key and press ⓪
Enter a space	Press **1**
Delete letters and numbers	Press **CLR**

To...	Do this when entering letters using multitap text input:
Shift between input methods or input languages	Press and hold ⊛
Enter a p (pause)	Press and hold ⊘ when saving codes
Enter a p (pause)	Press ⊘ when composing melodies

T9™ Text Input

Apart from the way you normally enter letters in your phone, using multitap text input, you can use T9™ Text Input for entering text messages and email.
You can use T9 Text Input when writing, for example, text messages and email. The T9 Text Input method uses a built-in dictionary to recognize the most commonly used word for each sequence of key presses. This way, you press each key only once, even if the letter you want is not the first letter on the key.

Note! T9™ Text Input does not work for phonebook entries or WAP addresses.

The following example shows how to start writing a text message:

To enter letters using T9 Text Input
1. Scroll to *Messages. SMS, Write New.*
2. For example, if you want to write the word "phone", press **7 4 6 6 3**.
3. If the word shown is the one you want:
   • press **1** to accept and add a space.
   If the word shown is not the one you want:
   • tilt the joystick up or down repeatedly to view alternative words (candidates). Accept a word and add a space by pressing **1**.
   If you do not find the word you want by pressing ⊙ :
   • Press and hold ✎ to go to a list of options.
   • Select *Edit Word*.
   • Delete the entire word by pressing **CLR**.
   • Write the new word using multitap text input. The word is added to the dictionary. The next time you enter the same characters, the word you just added to the dictionary will appear as one of the alternative words.
4. Continue writing your message. See also "Sending text messages" on page 64.

Options during predictive text input

If you press ✎ when writing, you enter a list of options. You can scroll through these options by pressing the upper or lower side volume key or by tilting the joystick up or down:
• *Add Symbol* – Symbols and punctuation marks such as **?** and **,** are shown. Move between the symbols by tilting the joystick to the left or to the right. Select a symbol.
• *Insert Object* – You can attach a picture, sound, melody, or animation.
• *Caps Lock* – Switch to all capital letters.
• *Language* – You can change your input language.
• *Input Method* – A list of input methods is shown.
• *Edit Word* – Edit the suggested word by using multitap text input.
• *Accept Word* – Accept the suggested word.
• *Candidates* – A list of alternative words is shown.
• *Help* – A help screen is displayed.

Turning off the T9 Text Input
If you wish, you can turn off the T9 Text Input. This setting is valid for all input of texts – not only for the text you are currently writing.

• To turn T9 Text Input on or off, scroll to *Settings, Language, T9 Input.*

Personalizing Your Phone

You can adjust the phone settings to suit your own requirements.

Note! If you change a setting which is included in a profile, the active profile is also changed. See "Profiles" on page 40.

Master reset

You can reset all the settings in the phone to the way they were when you bought your phone by choosing *Settings, Master Reset*.

To reset the phone
1. Scroll to *Settings, Master Reset*.
2. Select *Reset Settings* or *Reset All*. *Reset settings* changes your customizable settings (under the *Settings* menu) to the default values. *Master Reset* changes **all** of your phone's settings to the factory defaults that were selected when you purchased your phone.
3. Enter the phone lock code (*0000* or the new code if you have changed it).

Pictures

Your phone contains several pictures which you can send in a text message via SMS.

To edit and save a picture
1. Scroll to *Extras, Pictures*.
2. Select a picture group.
3. Tilt the joystick up or down to scroll through the pictures. Select a picture and press **EDIT** to view the editing tools. You can now start to edit the picture. See the table below.
4. Press **SELECT** again to view your options.
5. Select *Save*. The picture is saved in *My Pictures*.
   How to use the keys when editing a picture:

Press…	to…
1	move the cursor up and left.
2	move the cursor up.
3	move the cursor up and right.
4	move the cursor left.

Press…	to…
5	lift up or put down the pen. Press and hold to switch between zoom and full size view.
6	move the cursor right.
7	move the cursor down and left.
8	move the cursor down.
9	move the cursor down and right.
⓪	move the cursor 1, 5 or 10 spaces.
📞	**SAVE** and exit the picture.
✏️	**CANCEL** and exit the picture editor.
CLR	press and hold to clear the picture.
⚹	switch line thickness.
#	switch between black and white pen color.

To add a picture to My favorites
1. Scroll to *Extras, Pictures*.
2. Select a picture group.

3. Select a picture and press 🔘.
4. Press **YES** to add the picture.
   You can delete the edited pictures from *Pictures*, but you cannot delete the original pictures that were in the phone when you bought it.

To delete a picture from My Favorites
1. Scroll to *Extras, Pictures, My Pictures*.
2. Scroll to a picture and press **CLR**.

Ring sounds and melodies
Your phone comes with a number of ring sounds and melodies. You can edit your ring sounds and melodies, and send them to a friend, in a text message. It is also possible to download melodies via WAP.
• Select *Voice Calls* from the *Settings, Sounds & Alerts, Ring Sounds* menu and select a ring sound.

To set the ring sound volume
1. Scroll to *Settings, Sounds & Alerts, Ring Volume*.
2. Press the upper or lower side volume key or tilt the joystick left or right to increase or decrease the volume.
3. Save the setting.

To edit a ring sound or melody
1. Scroll to *Settings, Sounds & Alerts, My Melodies,* choose a melody, *Edit*.
   - Your keypad now works as a keyboard. Press a key to enter a note.
   - Press **8** or **9** to make the note shorter or longer. There are six different lengths of notes.
   - Press to change octave of tone.
   - Press once to raise the note one semitone.
   - Press twice to lower the note one semitone.
   - Press **CLR** to remove notes.
2. To listen to your melody, press **PLAY**.
3. Press **YES** to accept it, or press **NO** to continue composing.
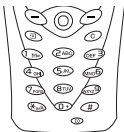
Note! To send a ring sound or melody in a text message, see "To insert an item in a text message" on page 65.

Receiving melodies
When you receive a sound or melody, you will be prompted to save the sound after selecting the melody.

Turning the ring sound on and off
- Press and hold **CLR**.
  All signals except the alarm and timer signals are turned off.

Increasing ring
You can choose a ring sound that rises in steps from the lowest volume to the highest.
- To turn increasing ring *On* or *Off,* scroll to *Settings, Sounds & Alerts, Increasing Ring*.

Specific ring sounds for personal calls
If you subscribe to the Two Line Service, you can set different ring sounds for the two voice lines. *Line 1* and *Line 2* are displayed instead of *Voice calls*. If your SIM subscription supports fax and data calls, you can set different ring sounds for voice, fax and data calls respectively.
If your subscription includes the Calling Line Identification (CLI) service, you can assign a Personal ring sound to up to ten callers.

To set a specific ring sound for a caller
1. Scroll to *Settings, Sounds & Alerts, Ring Sounds Personal Rings, Add New?,***ADD**.

2. Enter the contact name, **OK**.
3. Select a contact.
4. Select a ring sound.

Sounds & Alerts

You can choose to be notified of an incoming call by the buzzing of the vibrating alert. You can set the phone's vibrating alert to one of the following:

- *On* – all the time.
- *On if silent* – on when the ring volume is turned off or when you have set the phone to silent.
- *Off* – all the time.

Vibrating alert

To set the vibrating alert
1. Scroll to *Settings, Sounds & Alerts, Vibrating Alert*.
2. Select the setting you want.
   From the *Settings, Sounds & Alerts* menu, you can also select *Message Alert, Key Sound* and turn on the *Minute Minder*.
   If you turn on the minute minder, you hear a beep once every minute during a call.

Time settings

The time is always displayed in standby mode.

- To set the time, scroll to *Settings, Time and Date, Set Time*.
  You can choose a 12-hour clock or a 24-hour clock.
- To set the time format, scroll to *Settings, Time and Date, Time Settings, Time Format*.
  If you select the 12-hour clock, you can alternate between am and pm by pressing ⌀ .

Date

When the phone is in standby mode, you can press the upper or lower side volume key to see today's date in the Status menu. You can set the date and date format in the *Settings, Time and Date* menu.

Note! The time is also displayed when your phone is in "sleep" mode.

Time zone settings

Under *Time Settings* in the *Settings, Time and Date* menu, you can set time zone and daylight saving time. Changing these, changes the time accordingly and thus also the appointments and tasks in your calendar.

Keypad lock

You can lock the keypad to avoid dialing a number by accident.

Note! Calls to the international emergency numbers 112, 911, or 08 can still be made when the keypad is locked. Some network operators may require that a SIM card is inserted, and in some cases that the PIN has been entered as well.

Automatic keylock

Automatic keylock means the keypad is locked 25 seconds after you last press a key.

- To turn automatic keylock *On* or *Off*, scroll to *Settings, Locks, Auto Keylock*.
- To lock the keypad manually, press and hold **CLR** and select *Lock Keypad*.
  The keypad remains locked until you answer an incoming call or until you unlock the keypad manually.
- To unlock the keypad, press and hold **CLR** and select *Turn off keylock?*.

My Shortcuts

You can place your favorite functions that you want to reach quickly and easily in the *My Shortcuts* menu.

To add a function to my shortcuts

1. Scroll to *My Shortcuts*, *Edit Shortcuts*.
2. Select or deselect a function by pressing $\circledast$, $\oslash$, or by **CHECK/UNCHECK**.
3. Enter the position number you want for this function in your menu and press **SELECT**.
4. Press **BACK** to exit the list.

Profiles

Your phone has a number of pre-set profiles which are set to suit a certain environment. You can add accessories to, rename or change these profiles. For example, when you go to a meeting, you can simply choose the *Meeting* profile and a number of settings such as the ring sound is turned off.

- To select a profile, scroll to *Settings, Profiles, Select Profile*.

To change a profile setting

1. Scroll to *Settings, Profiles, Edit Profile*.
2. Choose a setting.

3. Change the profile settings and press **SELECT** to confirm.
- To rename a profile, scroll to *Settings, Profiles, Edit Profile, Profile Name*.
  You can reset all profile settings to the way they were set when you bought your phone by scrolling to *Settings, Profiles, Reset Profiles*.

Using your phone with your TTY device
You can use your phone with your TTY device by doing the following:
1. Connect your TTY device to your phone by inserting the connector into the 2.5 mm jack.
2. Change your phone to *TTY Accessory* profile by scrolling to *Settings, Profiles, Select Profile, TTY Accessory*.
3. Follow the operating instructions provided with your TTY device.

Automatic activation
Some profiles, for example *Car*, are automatically activated when used with a specific accessory. When disconnected, the profile is changed back.

Menu language
Most SIM cards automatically set the menu language to the language of the country where you bought your SIM card. If this is not the case, the preset language is English.

To change the menu language
1. Scroll to *Settings, Language, Menus*.
2. Choose a language.

Tip! You can easily select English by tilting the joystick to the left, pressing **0 0 0 0**, then tilting the joystick to the right. To easily change the language to the language on your SIM card, tilt the joystick to the left, press **8 8 8 8**, then tilt the joystick to the right.

Display light
The display light can be set to automatic, off, or on. In automatic mode, the display light is turned off a few seconds after you press the last key.
- To set the display light, scroll to *Settings, Display, Light*.
- To set the display contrast, scroll to *Settings, Display, Contrast*.

Answering mode

When using a portable handsfree kit, you can choose to answer a call by pressing any key (except **QUIET**) or set the phone to answer the call automatically.

• To select answering mode, scroll to *Settings, Handsfree, Answering Mode.*

User greeting

When you turn your phone on or off, the Sony Ericsson greeting appears in the display. Your operator's own greeting may be shown instead.
To interrupt the greeting, press **NO**. To interrupt the greeting, press **CLR**.

To select a greeting

1. Scroll to *Settings, Display, User Greeting.*
2. Select a greeting.

My pictures

Your mobile phone comes with several background pictures you can select. You can also create or download your own background pictures and animations for use in text messaging. Go to wap.sonyericssonmobile.com and download the freeware background picture program to your PC. Once you choose or create a picture, upload it

to your area at wap.sonyericssonmobile.com and access your pictures via WAP. Go to *Settings, Display, Background, Receive Picture*. You can only store one customized background picture in your phone at a time, but you can store additional pictures in your personalized area at wap.sonyericssonmobile.com.

Phone number display

You can check your own phone number(s).

• To check your phone number, scroll to *Phoenbook, Special Numbers, My Numbers*. If your number is not saved on your SIM card, you can enter it yourself.

Voice Control

With your mobile phone, you can use your voice to:
- Call someone by saying the name and number type.
- Answer and reject calls.
- Change profile.
- Record or listen to voice memos.
- Activate the voice control by saying a "Magic Word". For more information on this feature, see "The Magic Word" on page 46.

You can save up to 50 voice commands. When recording voice commands, make sure you are in a quiet environment.

Note! The amount of memory you have varies according to the length of your recorded words. Longer words use up more memory.

Before voice dialing
You must first turn on the voice dialing function and record your voice commands.

To turn voice dialing on and record number types
1. Scroll to *Settings, Voice control, Name dialing*.

2. Select *On*. Now you are going to record a voice command for each number type you use with your phonebook contacts, for example, "home", "mobile", "work", "other".
3. Instructions appear.
4. Select a number type.
5. Lift the phone to your ear, wait for the tone and say the number type that you have selected. The voice command is played back to you.
6. If the recording sounds okay, press **YES** to save the voice command. If not, press **NO** and repeat step 4.
7. Repeat steps 4 and 5 for each voice command you need.

To record a voice command for a contact name
1. Scroll to *Phonebook, Edit Contact*.
2. Enter the first letter of the contact name and press **OK**.
3. Press **EDIT**.
4. Select **EDIT VOICE**
5. .Press **YES** to add a voice command.
6. Follow the instructions in the display.
   An icon appears next to a contact name which has a voice command.

Caller name

You can choose whether or not you want to hear the recorded contact name when you receive an incoming call from that contact.

To turn the caller name *On* or *Off*

1. Scroll to *Settings, Voice Control, Caller Name*.
2. Select *On* or *Off*.

Voice dialing

You can voice dial by saying the name of the contact.

To make a call

1. From standby, press and hold the upper or lower side volume key.
2. Release the key, lift the phone to your ear, and listen for the tone.
3. After the tone, say a name, for example "John". The name is played back to you.
4. If you have several numbers for that contact, after a second tone, say the number type, for example, "home". The number type is played back to you, and the call is connected.

From standby, you can also initiate voice dialing, voice profiles and voice control of voice memos by:
- Pressing and holding the upper or lower side volume key.
- Pressing the handsfree button (when using a portable handsfree device).
- Saying the Magic Word. See "The Magic Word" on page 46.

Voice answering

You can answer or reject incoming calls by using your voice, when using a portable handsfree or a car handsfree kit.

To turn on voice answering and record voice answer commands

1. Scroll to *Settings, Voice control, Voice Answer*.
2. Select *On*.
3. Select or deselect the accessories you want to be able to use with voice answering by pressing **CHECK** or **UNCHECK**.
4. Instructions appear.
5. Lift the phone to your ear, wait for the tone and say "Answer", or another word. If the recording sounds OK, press **YES**. If not, press **NO** and repeat step 5.

6. Say "Busy", or another word.

To answer a call using voice commands

- When the phone rings, say "Answer" or the alternative word you recorded.
  The call is connected.

To reject a call using voice commands

- When the phone rings, say "Busy" or the alternative word you recorded.
  The call is rejected. The caller hears a busy tone or is forwarded to voice mail.

Changing profiles

If you record voice commands for your profiles, you can change profile with your voice.

To turn on and record profile commands

1. Scroll to *Settings, Voice Control, Voice Profiles*
2. Select *On*.
3. Instructions appear.
4. Select a profile.
5. Press and hold the upper or lower side volume key.
6. Release the key, lift the phone to your ear, and listen for the tone.

7. Say the profile name. Repeat steps 4 through 6 to record voice commands for the other profiles.

To change a profile using voice commands

1. From standby, press and hold the upper or lower side volume key until you hear a tone.
2. Release the key, lift the phone to your ear and say the profile command for the desired profile. The profile command is played back to you and the current profile is changed.

Recording voice memos

Instead of using the *Extras* menu, you can record voice commands to start or to listen to a recording.

To turn on and record voice memos

1. Scroll to *Settings, Voice Control, Voice Memo*.
2. Select *On*.
3. Instructions appear.
4. Press **YES** to proceed.
5. Lift the phone to your ear, wait for the tone and say "Record", then press **YES** if it sounds okay. If not, press **NO**.
6. Say "Play", press **YES** if it sounds okay. If not, press **NO**.

To start a recording using a voice command
1. From standby, press and hold the upper or lower side volume key until you hear a tone.
2. Release the key, lift the phone to your ear and say "Record". The voice command is played back to you and a tone indicates that the recording has begun.
3. To end the recording, press **DONE**.

To listen to recordings using a voice command
1. From standby, press and hold the upper or lower side volume key until you hear a tone.
2. Release the key, lift the phone to your ear and say "Play". The voice command is played back to you.
3. Listen to your recordings.

The Magic Word
You can record a Magic Word and use it as a voice command. Say the Magic Word and then one of your recorded voice commands from the standby screen. The Magic Word is especially suitable when using a car handsfree kit.

> **Tip!** Choose a long, unusual word which can easily be distinguished from ordinary background speech.

Note:

> **Note!** Due to the nature of your individual speech patterns and how your phone generates a matching Magic Word, false matches may occur through other sources of speech, like your car radio. If this happens, you may need to record a different Magic Word.

To turn on and record the Magic Word
1. Scroll to *Settings, Voice Control, Magic Word.*
2. Select or deselect the accessories you want to be able to use with the Magic Word by pressing **CHECK** or **UNCHECK**.
3. Lift the phone to your ear, wait for the tone and say the Magic Word.

> **Tip!** Turn off the Magic Word when you no longer need totally handsfree access, in order to save battery power.

Editing your voice commands
You can keep all your voice commands up to date by re-recording them or deleting the ones you do not use.

To re-record a voice command

1. Scroll to *Settings, Voice Control.*
2. Select a voice command.
3. Select *Edit Commands.*
4. To listen to a recorded voice command, select *Play Voice.*
5. Lift the phone to your ear, wait for the tone and say the command.
6. You can also edit the voice command for a contact name in *Edit Contact* in the *Phonebook* menu.

Tips when recording

If your phone cannot detect speech, one of the following might have happened:

- You spoke too softly – try speaking more loudly.
- You held the phone too far away – hold it as you do during a call.
- The voice command was too short – it should be around one second long and more than one syllable.
- You spoke too late or too soon – speak immediately after the tone.
- You did not record the voice command when the handsfree was attached – for voice control with a handsfree kit, record when the handsfree is attached.

- You used another intonation – speak in the same tone as you did when you recorded the voice command.

Voice mail

If your subscription includes an answering service, callers can leave a voice mail message when you cannot answer a call.

Receiving a voice mail message
Depending on your network operator, you are informed that someone has left a message by a text message (SMS) or by a voice mail indication.

Calling your voice mail service
You can easily call your voice mail service by pressing and holding **1**, if you have saved your voice mail number in the phone. You get the number from your service provider.
• To enter the number, scroll to *Messages, Options, Voicemail, Options, Voicemail no.*

Call time and cost
During a call, the duration of the call is shown in the display. If you subscribe to cost information, the call cost (or the number of call units) is displayed.

The *Call Info* menu allows you to check the total time or cost of your calls.

To check the call time of the last call
• Scroll to *Call Info, Call Timers, Last Call.*

To check the call time of your outgoing calls
• Scroll to *Call Info, Call Timers, Outgoing Time.*

To check the total call time
• Scroll to *Call Info, Call Timers, Total Calls.*

To reset the total call time
1. Scroll to *Call Info, Call Timers, Reset Timers.*
2. Select *Total Calls* or *Outgoing Time.*

To check the cost of the last call
• Scroll to *Call Info, Call Costs, Last Call.*

To check the total call cost
• Scroll to *Call Info, Call Costs, Total Cost.*

To reset the total call cost

1. Scroll to *Call Info*, *Call Costs*, *Clear Total Cost*.
2. Press the **YES** to confirm your choice.

Note! If you subscribe to cost information, you must enter your PIN2 to clear the cost or time counter. For details about PIN2, please contact your network operator.

Forwarding calls

If you cannot answer incoming voice, fax or data calls, you can forward them to another number, for example your answering service. For voice calls, you can choose between the following forward alternatives:

- *AlwaysForward* – forward all voice calls.
- *When Busy* – forward calls if you are already on the phone.
- *Not Reachable* – forward calls if your phone is turned off.
- *No Reply* – forward calls that you do not answer within a specified time limit (operator-dependent).

To turn on call forward

1. Scroll to *Settings, Call Manager, Forward Calls.*

2. Select a call category and then a forward alternative.
3. Select *Activate*.
4. Enter the phone number to which you want your calls to be forwarded or retrieve it from the phonebook.

Note! When the Restrict Calls function is on, some Forward calls options cannot be activated.

To turn off a call forward, select a forward option and select *Cancel*.

To check status

- Scroll to *Settings*, *Call Manager*, *Forward Calls*.
- Select a call type.
- Scroll to the forward that you want to check.
- Select *Get Status*.

More than one call

You can handle more than one call simultaneously. For example, you can put an ongoing call on hold, while you make or answer a second call, and then switch between the two calls.

Note! During a call the Ongoing Call menu replaces the Call Info menu.

Call waiting service

If the call waiting service is activated, you hear a beep in the earpiece if you receive a second call during an ongoing call.

• To activate or deactivate the call waiting service, scroll to *Settings, Call Manager*, *Call Waiting*.

To make a second call

1. Press **HOLD** to put the ongoing call on hold.
2. Enter the number you want to call, or retrieve a number from the phonebook.

Note! You can only put one call on hold.

Receiving a second call

• To answer the second call and put the ongoing call on hold, press **HOLD**.
• To reject the second call and continue the ongoing call, select *Busy*.
• Select *Release & Answer* to answer the second call and to end the ongoing call.

Handling two calls

When you have one ongoing call and one call on hold, you can do the following:

• Press **HOLD** to switch between the two calls.
• Press **END** to end both calls.

Note! You can only put one call on hold.

Conference calls

In a conference call, you can have a joint conversation with an additional 5 people. You can also put a conference on hold and make another call.

Creating a conference call

To create a conference call, you must first have one ongoing call and one call on hold.

To join the two calls into a conference call

• Scroll to *Ongoing Call, Join Calls*.

To add a new participant

1. Press **HOLD** to put the conference call on hold.
2. Call the next person you wish to include in the conference call.
3. Scroll to *Ongoing Call, Join Calls*.
4. Repeat steps 1 to 3 to include more participants.

To check the participants in the conference group

1. Scroll to *Ongoing Call, Parties in Conf.*
   The first participant's phone number is displayed, if
   available. Otherwise the display shows part 1, 2 etc.
2. Tilt the joystick up or down to check the other
   participants.

Having a private conversation

You can have a private conversation with one of the
participants and put the other participants on hold.

To extract a participant

1. Scroll to *Ongoing Call, Extract Part.*
2. Select the participant.
   You may now have a private conversation with the
   participant.

To rejoin the participant to the conference group

Scroll to *Ongoing Call, Join Calls.*

Releasing Participants

You can release participants from the conference group
one by one or all at once.

To release a participant

• Scroll to *Ongoing Call, Release Part.*
• Select the participant.

To release all participants

Scroll to *Ongoing Call, Release All.*

Making a Call during a Conference Call

You can put the conference group on hold and make
another call. You can then switch between the new call
and the conference call.

To put the conference group on hold and make a new call

1. Press **HOLD**.
2. Enter the number you wish to call and press **CALL**.

To switch between the new call and the conference group

• Press **HOLD**.

To end the new call and return to the conference group

• Press **HOLD**.

To end the conference call
• Press **END**.

Two voice lines

If your subscription supports the Two line service, your phone has two voice lines with different phone numbers, separate bills and perhaps different subscription services. This is useful if, for example, you want to keep business calls and private calls on separate lines. You may have different settings for each line, for example, the ring sound or forward calls. You may also have separate voice mail numbers for each phone line, if this is supported by your subscription. Some operators may show the call time or call cost for each line separately.

Changing the Name

When you buy your phone, the names of the lines are normally line 1 and line 2, but you can change their names.

To change the name of a line
1. Scroll to *Settings, Display, Edit Line Tags*.
2. Select a line.

3. Enter a new name.

> **Note!** *This feature will work only if you have Alternate Line Service (ALS).*

Changing Lines

Once you have chosen a line, all outgoing calls are made on this line until you change it again. An icon indicates the line currently chosen for outgoing calls.

> **Note!** Incoming calls can be received on both lines, irrespective of the line currently chosen.

To change phone lines
1. Scroll to *Call Info, ID Next Call*.
2. Select *Switch to Line 1* or *Switch to Line 2*.

Locking One Line

You can choose to lock one of the lines, so that it cannot be used unless you enter the PIN2.

To lock a phone line
1. Scroll to *Settings, Locks*.
2. Select the phone line you want to lock: *Lock Line 1* or *Lock Line 2*.

3. Enter your PIN2.

To unlock a phone line
1. Scroll to *Settings*, *Locks*.
2. Select the phone line you want to unlock: *Unlock Line 1* or *Unlock Line 2*.
3. Enter your PIN2.

Calling card calls
When making international or long distance calls, you may want to use the calling card service to redirect the charges to a credit card account, instead of your normal account.

Note You cannot use the calling card service when making a fax or a data call.

Calling Card Service
To be able to make calling card calls, you need to turn on the service.

To turn on the calling card service
1. Scroll to *Phonebook*, *Options*, *Set Calling Cards*.
2. Enter your phone lock code (**0000** unless you reset it).

3. Select *On*.
   The Calling card service is now on and the sub-menu *Calling Cards* is available in the *Phonebook* menu.

Saving Calling Card Numbers
You can save two calling card numbers in your phone.

To save a card number
1. Scroll to *Phonebook*, *Calling Cards*.
2. Enter your phone lock code.
3. Select *Add new?*
4. Enter the access number of the calling card server.
5. Enter a name that you want to associate with your calling card server.
6. Enter the verification code of the calling card server.
7. Select which you want to send first - the number that you want to call or the verification code.

Note! You cannot use the calling card service when making a fax or a data call.

To delete a card number
1. Scroll to *Phonebook*, *Calling Cards*.
2. Scroll to the card number that you want to delete.

3. Select **DELETE** when the card you want to delete is selected.
4. Press **YES** to confirm deletion of the selected calling card.

To edit a card number
1. Scroll to *Phonebook, Calling Cards*.
2. Scroll to the card number that you want to edit.
3. Select *Edit* and edit the card number.
4. Confirm the new number by pressing **YES**.

Choosing a Card
You must choose which card you want to use before making a calling card call.

To select a card
1. Scroll to *Phonebook*, *Calling Cards*.
2. Enter your phone lock code.
3. Select the card that you want to use.
4. Select *Activate*.

Making a Calling Card Call
1. Enter the phone number you wish to call or retrieve it from the phonebook.

2. Press and hold **YES**.
   The access number of the calling card server is called. During the connecting phase, you are asked to send the phone number that you want to call and the verification code, in the order chosen earlier (see above).
3. Press **CALL** or wait a few seconds and the number and code are sent automatically.

Restricting Calls
You can use the Restrict calls service to restrict certain types of calls that can be made and received. You need a password, which comes with your subscription from the network operator, to turn a call restriction on or off.
The following calls can be restricted:
- all outgoing calls, *All Outgoing*.
- all outgoing international calls, *Outgoing Intl*.
- all outgoing international calls except to your home country, *Outg. Intl Roam*.
- all incoming calls, *All Incoming*.
- all incoming calls when you are abroad (when roaming), *When Roaming*.

To turn a call restriction on or off
1. Scroll to *Settings*, *Call Manager*, *Restrict Calls*.

2. Scroll to an option.
3. Select *Activate* or *Cancel*.
4. Enter your password.
- To cancel all call restrictions, select *Cancel All*.
- To check the status of a call restriction, select the call restriction option and then *Get Status*.
- To change the password, select *Change Password*.

Note! If you forward incoming calls, you cannot turn on some Restrict calls options.

Fixed dialing

The Fixed dialing function allows calls to be made only to certain numbers saved on the SIM card. If an attempt is made to call other numbers, the message *Number not permitted* appears in the display. Fixed dialing requires a SIM card that allows fixed numbers to be saved. The fixed numbers are protected by your PIN2.

Note! Emergency calls can still be made, even when Fixed dialing is on.

To turn Fixed dialing on or off
1. Scroll to *Phonebook, Options, Fixed dialing*.

2. Enter your PIN2.
3. Select *On* or *Off*.

To save fixed numbers
1. Scroll to *Phonebook, Special Numbers, Fixed Numbers, Add new?*.
2. Enter your PIN2.
3. Enter the fixed number.
4. Enter the name you want to associate with the number.

Closed user groups
The Closed User Group function is a way of lowering call costs. On some networks it is cheaper to make calls within a call group. You can save ten groups.

To add a closed user group
1. Scroll to *Settings*, *Call Manager, Closed Groups, Edit List*.
2. Scroll to *Add New?*.
3. Enter the name of the user group.
4. Enter the index number.
   You get the index number from your operator.

To activate a group
1. Scroll to *Settings, Call Options, Closed Groups, Edit List*.
2. Select a group.
3. Select *Activate*.
   Calls can only be made within the selected group.

To call outside a closed user group
1. Scroll to *Settings*, *Call Manager, Closed Groups*, *Open Calls*.
2. Select *On*.

Accept calls
With the accept calls service, you can choose to receive calls only from certain numbers. Other calls are automatically rejected by a busy tone. The phone numbers of calls you have rejected are saved in the Call List.

To add numbers to the accepted callers list
1. Scroll to *Settings, Call Manager, Accept Calls, Accept List, Add to List?*.
2. Select *Phonebook* (you can add a contact's number) or *Groups* (you can add a group).
3. Enter the first letter of the contact or group.

4. Scroll to the number or group you want to add.

To select an accept option
1. Scroll to *Settings, Call Manager, Accept Calls, Accept Options*.
2. Select one of the following:
* *From List* - you only receive calls from callers in the Accepted list. All other incoming calls will be rejected. The caller hears a busy tone and you get no indication of incoming calls.
* *From No One* - All incoming calls are rejected.
* *From All* - You receive all calls as normal.

Networks
When you turn on the phone, it automatically selects your home network if this is within range. If it is not within range, you may use another network, provided your network operator has an agreement that allows you to do so. This is called roaming.
You can select the network you want to use, or you can add a network to your list of preferred networks. You can also change the order in which networks are selected during an automatic search. For all such options, scroll to *Settings, Networks*.

Additional calling functions

Tone signals

You can use telephone banking services or control an answering machine by sending tone signals (also known as DTMF tones or touch tones) during a call.

- To send the tones, press the number keys 0-9, 🔔 and 🖉.

- To clear the display after the call is finished, press **CANCEL**.

Notepad

If you want to make a note of a phone number during a call, you can use your phone display as a notepad. Use the number keys to enter the number. When you end the call, the number remains in the display. You can call the number by pressing **CALL**.

To Turn Off Tones

If you use the phone display as a notepad, the person you are talking to hears the tone signals when you press keys.

1. Press 🔔 .

2. Press **SELECT** to choose *Turn Off Tones*.

Showing or hiding your number

If your subscription supports the Calling Line Identification Restriction (CLIR), you can hide your phone number when making a call.

To show or hide your phone number

1. Enter the phone number you want to call.

1. Press 🔔 .

2. Scroll to *Hide My Number* or *Show My Number*.

3. Press **SELECT** to choose the highlighted option.

Sending and Receiving Items

You can send an item such as a business card, a calendar appointment or a melody using SMS or WAP.

Business cards

You can add your own business card to the phonebook.

• To add your own business card, scroll to *Phonebook*, *Business Cards, Manage My Own, Add My Own*.

Exchanging business cards

You can exchange business cards between your phone and another phone via SMS.

To send your business card

• Scroll to *Phonebook*, *Business Cards*, *Send My Own*.

When you receive a business card via a text message, you accept the card by doing the following:

1. Press **YES**. Press **YES** again to save the card in the phonebook.

Setting Up Mobile Internet

In order to use the Internet, browse via *WAP services* or send and receive email messages, you must have a phone subscription that supports data transmission and settings entered.

Note! Contact your network operator or service provider for the default settings that will work with your specific service.

Receiving settings in a text message
Your GSM network operator or Internet service provider may be able to send the required data account, WAP and email settings direct to your phone in a text message (SMS).

To request settings from Sony Ericsson Mobile Internet
1. Use a PC to go wap.sonyericssonmobile.com. By using the WAP and Email Configurator you can request that a text message be sent to your phone with the settings you need.

2. When the message arrives, *New settings received. Install?* appears:
   • Press **YES** to install the new settings or
   • Press the **CANCEL** to stop installation. A new request for settings is then required, as in step 1.

   Note! If settings already exist in your phone you can either keep or replace them. See "Advanced setting information" on page 59 for more information.

3. After installation, see "WAP" on page 73.

Advanced setting information
Mobile Internet, including WAP and email, requires the following settings:
• *Data Account* – settings for access to a server for WAP Browsing and email messaging.
• *WAP Profile* – settings for WAP browsing.
• *Email Account* – settings for email messaging.

Data account settings

You can have several data accounts saved in your phone, with different settings for different purposes. The main setting for a data account is the *Account type* (connection method). You can choose from *GPRS data* or *GSM data* account types.

Note! Contact your network operator for details on any data usage charges.

GPRS (General Packet Radio Service) allows fast and efficient access where you can always be online.

Note! You need a subscription that supports GPRS. Contact your operator for settings and useful information.

GPRS settings that are available:
- *APN (*Access point name address) – the address of the external data network you want to connect to, either an IP address or a text string.
- *User ID* – your user id to log on to the external data network.

- *Password* – your password to log on to the external data network.
- *Passwd Request* (Password request) – if this setting is on, you are asked for a password each time you log on to the external data network.
- *Allow Calls* (Preferred service) – if you want to be able to accept incoming calls during a GPRS session, select *Automatic*. If not, select *GPRS Only*.
- *IP Address* – the IP address that the phone uses when communicating with the network. If you do not enter an address, the network provides you with a temporary IP address.
- *DNS* (Domain name server) - the name that the server translates into a number.
- *Basic Settings* (Basic settings) – these are optional. Consult your network operator.

GSM settings include some settings that are similar to GPRS settings and some which are GSM specific as follows:
- *Phone no*. – the phone number of your Internet service provider.
- *Data Rate* – select the speed you want for the connection.

• *Dial Type* – select analog or ISDN connection.

Note! If you want to change access type, you have to create a new data account and select the access type you want to use.

To create a data account manually
1. Scroll to *Settings, Data Comm., Data Accounts, Add Account?*.
2. Enter a name for the data account.
3. Select an access type.
4. Enter the settings that you have received from your network operator or service provider.
   You will be asked to confirm each setting.
5. Scroll to *Save?* Select **PROCEED** to save your changes.

To edit a data account
1. Scroll to *Settings, Data Comm., Data Accounts*.
2. Select a data account.
3. Select *Edit*.
4. Select the setting you want to edit. Edit the setting.
5. Repeat step 4 for other settings you want to edit.

Preferred service
You can set GPRS or GSM as the preferred service. This setting is valid for all data accounts.
• To select preferred mode, scroll to *Settings, Data comm., Preferred Srvc.*and select *GPRS and GSM* or *GSM Only.*

Note! To see the status of GPRS coverage and connection, press the upper or lower side volume key from standby to enter the Status menu and then scroll to GPRS.

WAP profile settings
The WAP settings are stored in a WAP profile. In most cases you only need to use one profile to access the Internet. You set up and use additional WAP profiles, for example, when accessing secure Internet sites, such as a banking site or a corporate intranet. You then simply switch between profiles when you need to change the network connection.

To enter WAP profile settings manually
1. Make sure you have a data account set up between your phone and the Internet server, as described in "Data account settings" on page 60.

2. Scroll to *Browser*, *WAP Settings*.
3. Select *Common* or a *Profile* to add a new profile or select an existing profile that you want to edit.
4. You can now do the following:
   • *Rename* – Edit the profile name
   • *Chg Homepage* – Enter the address of the WAP site you want to save as the homepage.
   • *Save to* – You can choose all profiles or just the current profile.
   • *Gateway* – You can choose *IP settings*, *SMS settings*, or *Change type*.

   Note! An IP address consists of four groups of digits, with a maximum of three in each group. If one of your digit groups consists of only one or two digits, you have to enter a leading zero (0) for each digit that is missing. Example: If the IP address is 123.4.67.901, write 123.004.067.901.

WAP security settings
To establish secure connections when using certain WAP services, you must have certificates saved in your phone. Your phone may already contain certificates when you buy it. You can also download certificates from certain WAP sites, or receive them from a service provider.

To check the certificates in your phone
1. Scroll to *Browser*, *WAP settings*, *Common*, *Security*.
2. Select *Trusted certif.* or *Client Certif.*

Locks (PIN codes)
PIN codes protect your subscription from unauthorized use, when accessing certain WAP sites, and to authorize transactions. Your PIN code acts as a signature when you confirm a transaction.

   Note! These codes are supplied by your network operator or service provider if supported.

A *Locks* setting may appear in the Security submenu:
• To go to the *Locks* menu, scroll to *Browser*, *WAP Settings, Common, Security, Locks*.

Transaction contracts
You can check which transactions you have made with your phone when browsing. A contract, which contains details about the transaction, can be saved in your phone.
• To check your contracts, scroll to *Browser*, *WAP Settings, Common, Security, Contracts*.

Email account settings

An email account specifies, for example, the server that is used for your email messages.

Note! Contact your network operator or service provider for the default settings that will work with your specific service.

To create an email account

1. Scroll to *Messages, Options, Email*.
2. Select *Edit Account*.
3. Select *Add new?*
4. Enter a name for the account, for example *Home* or *Office*.
5. Select *Connect using*.
6. A list appears with the data accounts that you have saved in your phone.
7. Select the data account you want to use with this email account.
8. Enter the rest of the settings in the list. You use the same email settings in your phone as in your PC email program.
   If you do not have an email service, contact your operator to get all the necessary settings.

- *Copy Outgoing* – Select *Copy Outgoing*, if you want email messages sent from your phone also to be sent to an email address of your choice. This way, your sent messages are copied and can be saved for future reference.
- *Check Interval* – Select how often you want the phone to connect to your email server and check for incoming email messages.
  If you have both an office and a home email account, you can set one of them as default:
- Select *Set Account* from the *Messages, Email, Options* menu and select the account.
  See "Email" on page 71 for information about how to use email.

Messaging

Your phone supports various messaging services - text messages, enhanced text messages (EMS), text messages with pictures and/or melodies, and email messages. Please contact your service provider for details on which services you can use.

Text messages

Text messages can be sent to one person, or to a group of recipients that you have saved in the phonebook (see "Groups" on page 30). Text messages can also contain pictures, animations, melodies and sounds.

Before you start

• First make sure that the number of your service center is set. The number is supplied by your service provider and is usually saved on the SIM card.

To set the service center number

1. Scroll to *Messages, Options, SMS, Service Centers.*
   If the service center number is saved on the SIM card it appears in the display.
2. If there is no number in the list, select *Add new?*.

3. Enter the number, including the international "+" sign and country code.

Sending text messages

For information about entering letters, see "Entering letters" on page 31.

To write and send a text message

1. Scroll to *Messages*, *SMS*, *Send New*.
2. Write your message.
3. Enter the recipient's phone number or retrieve a number or a group from the phonebook by tilting the joystick to the left.
4. Pressing **SELECT** to choose a highlighted contact will automatically send the message.

To send a message later

1. Scroll to *Messages*, *SMS*, *Unsent Box*.
2. Select the message you want to send.
   You may now edit your message.

3. Press **SEND** to send the message as described above.

Note! If you send a text message to a group, you are charged for each SMS number that the message is sent to.

To insert an item in a text message
1. Scroll to *Messages*, *SMS*, *Send New.*
   To send a long text message, you may need to turn *Long Messages* on (see below).
2. While writing your message press and hold ✎ or ⊘.
3. Select *Insert Object*.
4. Select *Picture, Sound, Melody, or Animation*.
5. Select an item and confirm your selection.

Long messages
A short text message can contain up to 160 characters, depending on the language. You can send a longer message, but it is automatically divided into several shorter messages (up to six messages) and you are charged for each message.

To turn long messages on or off
1. Scroll to *Messages, Options, SMS, Long Messages.*
2. Select *On* or *Off*.

To send a long message
1. Scroll to *Messages, SMS, Send New.*
2. Enter your message. The display shows how many parts the message is divided into.
3. Enter the recipient's number or tilt the joystick to the left to retrieve the number from the phonebook or the call list.
4. Send the message by pressing **OK**.
5. If the recipient's phone does not support long messages, the messages are received one at a time.

Chat
Chat works in the same was as Chat on the Internet. You can initiate a Chat session or you may be invited to participate in a Chat session.

Starting a Chat Session
1. Scroll to *Messages, Chat.*
2. Enter the recipient's phone number or tilt the joystick to the left to select a contact from your phonebook.
3. Write your message.
4. Press **OK**.

Receiving a Chat Session Invitation

When you receive a Chat session invitation, the phone beeps and the message *Chat Message, Chat Now?* appears.

- To read the Chat message, press **YES**.
- Write your chat message reply, press **YES**.
- To suspend a Chat session, press **NO**.
- To resume a Chat session, scroll to *Messages, Chat, Resume*.
- To end a Chat session, press and hold **NO**.
- To reject a Chat message, press **NO**. The rejected Chat message is saved in *Inbox* in the Messages menu.
- If you receive a new Chat message while another Chat session in ongoing, you can end the ongoing session and start the new one.
- Add a nickname to your Chat messages (and SMS message). Scroll to *Messages, Chat, Options, Nickname,* store a nickname that will appear with every Chat message that you send.

Receiving text messages

When you receive a text message, the phone beeps and the message *New Message. Read now?* appears in the display. The number from which the text message originated also appears.

To read the message at once

1. Press **YES** when you see the question *New Message. Read now?* If you have received several messages, and you press **YES** at the question above, you enter a list of new messages. Select the message that you want to read.
2. Scroll through the message by tilting the joystick up or down. An arrow in the bottom right-hand corner of the display indicates that there is more text in the message. *All parts of a long message may not be received at the same time....* indicates that part of the message has yet to be received.

Note! If the sender of the message wants you to reply, the display shows *Reply requested. Reply?* when you press **YES** at the end of the message. Press **YES** again to reply. If you do not want to reply, press **NO**.

To read the message later

Press **NO** when you see the question *New Message. Read now?*

The message is saved in the phone and an envelope icon appears at the top of the display. If you want to read the message, you can retrieve it from the *Inbox* menu.

▤ means an unread message.
◻ means that the message is saved on the SIM card.

Saving incoming text messages
Incoming text messages are saved in the phone memory.
When the phone memory is full, incoming text messages
are saved on the SIM card. Messages that you have saved
on the SIM card remain there until you delete them.

To save from a text message
When the email address, phone number, WAP address,
picture, animation or melody is highlighted, press
SELECT to save the item.
• A picture or animation is saved in *My Pictures*.
• A melody is saved in *My Sounds*.
• An email address or phone number is saved in
  Phonebook.
• A WAP address is saved in *Bookmarks*.

Templates
If you have one or more messages that you send often,
you can save these as templates. Your service provider
may also have saved some templates in your phone.

To create a template
1. Scroll to *Messages, SMS, Templates, Add new?*
2. Create template by entering text.
3. Write the message, **OK**.
4. *Use template to create message now?* appears in the
   display.
5. Press **YES** to use the template to create a text message.
6. Press **OK** to send the text message. Press **CANCEL** to
   save the template without sending the message.
7. Enter the number that you want to send a text message.
8. Press **OK** to send the message or **CANCEL** to save the
   template without sending the message.

If you want to use a template as a message, scroll to
Scroll to *Messages, SMS, Templates*, select the template
you want from the list and then select *Create Message*.
To delete a template, scroll to *Messages, SMS,
Templates*. Select the template you want to delete and
press **CLR**. Press **YES** to confirm the deletion or press
NO to cancel the deletion.

Message options
You can set a default value for the message
options below, or you can turn on the *Set on*

send option which means that you choose the settings each time you send a message.

- Message type – The phone supports different types of messages. Your service provider may offer the facility of converting a text message into a format (email or fax, for example) that suits the equipment that is going to receive the message.
- Validity Period – If your message cannot be delivered, for example, if the recipient has turned off the phone, your service center can save the message to send it later.
- Reply Request – Include a reply request if you want the recipient of your message to reply.
- Status request – Check if a message has been delivered.

To set a default value for the options above

1. Scroll to *Messages, Options, SMS*.
2. Select the option you want.
3. Select *Set Default*.
4. Select your default value from the list.

To turn Set on send on or off

1. Scroll to *Messages, Options, SMS*.
2. Select the option you want.
3. Select *Set on send*.
4. Select *On* or *Off*.

List of Options

When you select a message in the *Inbox* by pressing **SELECT**, you can see the following list of options by pressing ✎ : *Delete, Reply, Forward, Save, Call, Mail To, Save* [number], *Save Picutre, Save Melody, Go To* [WAP address], *Read Next*.

Tip! You can also reach a list of options in the Unsent or Sent items menus, by pressing ✎ after selecting a message. Then scroll to *Proceed?* and press **SELECT**.

To delete a message

There are two ways to delete a message:
1. Select *Delete* in the list of options.
2. In the *Inbox* menu, scroll to a message and press **CLR** to delete the message.

To reply to a message

1. Select *Reply* in the list of options.
2. Select the way you want to reply to the message:
- enter a new message
- include the message you want to reply to and enter a reply
- use a template and enter a reply.

3. Enter your reply and press **OK** to send the message.

To forward a message
1. Select *Forward* in the list of options.
2. You can now edit the message.
3. Enter the recipient's phone number, or tilt the joystick to the left to retrieve the number from the phonebook or the call list. Press **OK** to send.

To save a received message
• Select *Save* in the list of options.
  The message is saved on the SIM card. Messages that are saved on the SIM card remain there until you delete them.

To call the sender of a message
• Select Call in the list of options.

> **Tip!** To call a phone number found in a message, press the left softkey twice when the number is highlighted.

To send a message to an email address found in a message
1. Make sure you have set the email gateway number.

2. Select *Mail to* in the list of options.
3. Enter a message.
4. Press **OK** again to send the message.

To save a phone number found in a message
1. Select the highlighted number.
2. Select *Save* [number]. You can find the number in a list of unsaved numbers.

To save a picture found in a message
1. Select the highlighted picture.
2. Select *Save Picture*. You can select where you would like to save the picture, with in My Pictures or in My Animation.

To save a melody found in a message
1. Select the highlighted melody icon.
2. Select *Save Melody*. The melody is saved in the *My Melodies* list. When the melody is highlighted, it will automatically play. To set the melody as your ring sound, see "To set a specific ring sound for a caller" on page 38.

To go to a WAP address found in message
1. When the WAP address is highlighted.
2. Select *Go to* [WAP address].

Message Alert

You can choose the signal you want to hear when you receive a message. You can choose between clicks, tones or silent.

To set the message alert

1. Scroll to *Messages.Options, SMS, Message Alert*.
2. Select an alert.

Area Information

The ordinary Short Message Service (SMS) is a personal service that carries your private messages. Area Information is another type of text message, for example a local traffic report or the phone number of a local taxi company, that is sent to all subscribers in a certain network area. Please contact your network operator for further details.

To turn area information on or off

1. Scroll to *Messages.Options, SMS, Area Info, Reception*.
2. Select *On* or *Off*.

Area Information Message List

You can decide which types of area information messages you wish to receive. The number of area information codes that can be saved depends on your SIM card.

To enter an area information code

1. Scroll to *Messages.Options, SMS, Area Info, Edit List, Add new?*
2. Enter the new code.

To delete an area information code

• If you want to delete a code, scroll to the code and press **CLR**.

Cell Information

The cell information channel is used by some network operators for sending messages to their subscribers within a certain network area.

To turn cell information on or off

1. Scroll to *Messages*, *Options*, *SMS*, *Local Info*.
2. Select *On* or *Off*.

Email

You can use the email function in your phone to send and receive e-mail messages. Before using the email program, make sure you have created a data account, an email account and set which email account to use. You must also have a subscription that supports data transmission.

Note! Contact your network operator or service provider for the default settings that will work with your specific service.

Sending and Receiving

The *Send & Receive* option in the *Email* menu offers the fastest way for you to check for new email messages and send email messages saved in your Outbox.

Writing and Sending

To write and send new email messages
1. Scroll to *Messages, Email, Compose*.
2. Select *To:*. You can:
- select *Add name:*. Enter a name and e-mail address.
- tilt the joystick to the left to enter the phonebook and retrieve a saved email address.

3. If you want to send a copy of the message to someone, select *Cc:* and select the address as above.
4. If you want to set a priority other than *Normal* to the message, scroll to *Priority*. Select *High* or *Low*.
5. Select *Subject:*. Enter a title.
   This is mandatory.
6. Select *Text:*. Enter your message.
7. Select one of the following:
- *Send now*
   The message is sent at once.
- *Send now with attachment*
   See "Pictures" on page 36.
- *Save to outbox*
   The message is saved in the Outbox. All email messages in the Outbox are sent when you select the *Send & Receive* option in the *Email* menu.
   If you compose an email message and do not send it, it is saved in the *Drafts* folder. You can open these messages, edit them and send them, at any time.

Receiving and Reading
1. Scroll to *Send & Receive*. Your email messages are downloaded from the server.
2. Scroll to *Inbox*.

3. Select the email message you want to read.

Note! The phone can save up to 6 complete email messages. All your email messages are saved on your email server.

You may not be able to see all your new email messages at once, since the memory capacity of the Inbox is limited. An arrow in the top or bottom right corner, indicates that there are more email messages on the server. To retrieve more email messages, scroll to the arrow.

Replying
1. Open the email message you want to reply to.
2. Place the cursor in the text and press ✎ to view a list of options.
3. Select *Reply* or *Reply all*.
4. Write a message.

Deleting
1. Go to the Inbox and select the email message you want to delete.
2. Press **CLR**.

Archiving
You can archive an email message in order to read it later or if you want to save important information. You can only archive as much text as the display shows.

To archive an email message
1. Open the email message with the text you want to archive.
2. Make sure the text that you want to archive is visible in the display.
3. Place the cursor in the text and press ✎ to view a list of options.
4. Select *Copy to arch*. The text can now be found in *Archive* under the *Email* menu.

WAP

WAP (Wireless Application Protocol) is a global standard for advanced mobile services, for example, mobile Internet communication, mobile e-commerce and telephony services. WAP allows you to access certain services on the Internet such as banking services, news and reservation services from your mobile phone.

Note! In order to access WAP services, you need a subscription that supports data transmission and WAP browsing.

Before you start using the WAP browser, make sure you have created a data account, entered the WAP profile settings and selected a WAP profile. For fast and efficient browsing, try the General Packet Radio Service (GPRS) as the access type.

Before you start

First make sure that you have:
- A phone subscription that supports data transmission.

- Correct settings in your phone for mobile Internet, WAP and/or email messaging. See "Setting Up Mobile Internet" on page 59.

  Note! See "Email" on page 71 for more information about email set-up and messaging.

In order to browse via WAP or use the email program in your phone, you must enter settings for a data account in your phone. The settings specify all the information your phone needs to communicate with a certain server on the Internet, for example, the address of that server. You can have several data accounts saved in your phone, with different settings for different purposes. For fast and efficient access, try the General Packet Radio Service (**GPRS**) as the access type.

In order to browse via WAP, you also need to enter settings for a WAP profile and select which WAP profile you want to use when browsing.

In order to use the email program in your phone, you also need to enter settings for an email account and

select which email account you want to use when sending and receiving email messages.

Note! The settings may already be entered when you buy the phone, or you can receive the settings from your network operator or your Internet service provider. You can also receive settings from wap.sonyericssonmobile.com.

Data Account Settings
The main setting for a data account is the access type (connection method). You can choose between two access types:

• **GPRS** (General Packet Radio Service) **data**
GPRS allows you to be always online, yet pay only for the amount of data transmitted and not for the time you are connected. You need a subscription that supports GPRS. Please contact your network operator for charging and subscription details.

• **GSM data**

Normally, you pay for the time you are connected.

Note! Your service provider may provision your WAP settings so they are not viewable on your phone.

To create a data account
1. Scroll to *Settings, Data comm., Data accounts, Add account?*.
2. Enter a name for the data account.
3. Select an access type: *GPRS data* or *GSM data*.
4. Enter the settings that you have received from your operator.
   For GPRS: access point name, user id and password.
   For GSM data: phone number, user id and password.
   Confirm each setting.
5. Scroll to *Save?*.

To enter additional settings for a data account
1. Scroll to *Settings, Data comm., Data accounts*.
2. Select a data account.
3. Select *Edit*.
4. Select the setting you want to edit. Edit the setting.
5. Repeat step **4** for all the settings you want to edit.

Settings for GPRS
APN (Access point name address) – the address of the external data network you want to connect to, either an IP address or a text string.
User id – your user id to log on to the external data network.

Password – your password to log on to the external data network.

Passwd. request (Password request) – if this setting is on, you are asked for a password each time you log on to the external data network.

Allow calls – if you want to allow incoming calls during a GPRS session, select **ON**. If not, select **OFF**.

IP address – the IP address that the phone uses when communicating with the network. If you do not enter a value, the network provides you with a temporary IP address.

DNS (Domain name server) - the name that the server translates into a number.

Basic settings (Basic settings) – these are optional. Consult your network operator.

Note! Your service provider may provision your WAP settings so they are not viewable on your phone.

Settings for GSM data

Phone Number – the phone number of your Internet service provider.

User id, Password, Passwd. request. Same as for GPRS above.

Data rate – select the speed you want for the connection.

Dial type – select analog or ISDN connection. If you want to change access type, you have to create a new data account and select the access type you want to use.

GPRS and GSM Data Settings

If you have selected GPRS as the access type, the Preferred service should be set to *GPRS&GSM*. An icon may then appear in the display telling you that GPRS is within range. See "Icons" on page 93. If you have selected GSM data as the access type, you should select *GSM only* as the preferred service. This setting is valid for all data accounts.

To select a preferred service

1. Scroll to *Settings, Data comm., Pref. service*.

2. Select *GPRS&GSM* or *GSM only*.

Tip! To see the status of GPRS coverage and connection, press the upper or lower side volume key from standby to enter the Status menu and then scroll to GPRS.

Data Counters

To check how much data you have sent and received, using GPRS, scroll to *Call Info, Data Counters, Last Session* or *Total Data.*

Using the WAP browser

To start browsing

1. First select the WAP profile you want to use.
2. Scroll to *Browser*.
3. Select one of the following (dependent upon your service provider):
- Open your homepage.
- Go to one of your bookmarks. Select *Bookmarks*.
- Enter the address of a WAP site. Select *Enter Address, New Address?*. Enter the WAP address or select one of the 10 latest entered addresses.

  Note! When you enter a WAP address, the normal http:// prefix is not needed. You do however need to enter a prefix to use protocol, such as ftp:// or https://.

To exit WAP

- Press and hold the right softkey to exit and disconnect. *Remain connected?* appears. Confirm your selection.
- If you want to leave the browser temporarily but stay online, press and hold **YES** and select *Go to menu*.

Options when browsing

When you have started browsing, you can reach different browsing options by pressing ✎ .
The *Options* menu is dynamic. Its content may vary depending on which WAP site you are visiting.
The options menu always contains the following:
- *Homepage* – Go to the homepage set for the current WAP profile.
- *Bookmarks* – Add the site you are currently browsing to your list of bookmarks, or see the list of bookmarks for the current profile.
- *Enter address* – Enter the WAP address of a site you want to visit.
- *Send as link* – Send a link to the current site to another phone.
- *Reload* – Refresh the contents of the WAP page.
- *Go to menu* – go back to the WAP services menu in order to access other phone menus. The connection to

the Internet is not interrupted. When you want to start browsing again, scroll to *Browser*, *Bookmarks*.

- *Exit* – Exit and go to standby or disconnect.
- *Status* – Display the current status, for example, how long you have been browsing.
- *New homepg* – Set the current site as the homepage of the WAP profile you are using.

Using bookmarks
You use bookmarks in your mobile phone just as you do with a PC Internet browser.

To work with bookmarks
1. Scroll to *Browser*.
2. Select the bookmark you want.
3. Select one of the following options:
   - *Go to* – Go to the marked WAP site.
   - *Edit Bookmark* – Edit the name and/or the WAP address of the bookmark. See "Options when browsing" on page 76 for more information.
   - *Delete* – Delete the bookmark.
   - *Send as link* – send as link to the current site.

Clearing Cache
You can clear the cache memory which contains previously visited WAP pages. You may, for example, want to clear the information on your transactions.
1. Scroll to *Browser*, *Clear Cache*.
2. *Clear Cache?* appears.

WAP push messages
You can receive push messages via WAP Services. This means that a service provider sends WAP content to your phone without you having to do anything. You can, for example, get updated news or new WAP settings from your service provider.

There are two kinds of push messages:
- Text messages that inform you about WAP services, by sending a link. To go to the WAP service, click the link.
- Updated information from a WAP service is sent to appear in the WAP browser.

Receiving a push message
You can set your phone to either accept or reject push messages. This is valid for all your WAP profiles.

To set push message acceptance
1. Scroll to *Browser*, *WAP Setting, Common, Push Access.*
2. Select one of the following settings:
   - *On* – You allow push messages to be automatically loaded.
   - *Off* – You do not allow push messages.

Responding to a push message
When you receive a push message, it comes to the *Push Inbox*.
- Scroll to *Browser, Push Inbox*, and select one of the following:
   - *Postpone* – Save the message, to be loaded later.
   - *Load* – The browser starts and loads the WAP site so that you can see the push content.
   - *Delete* – Deletes the push message.

Stored information
The following information can be saved in your phone:
- Cache – Information which is regularly used to improve frequent memory access.
- Passwords – Information for certain Internet server access.
- Cookies – Information deposited from Internet servers to improve frequent access.

- Push – Information received from services.

To save mobile Internet information in your phone
1. Scroll to *Browser*, *WAP Setting, Common*.
2. Select the information to save.

   Note! Check with your service provider for more information regarding security certificates.

It is advisable to clear any sensitive information about previously visited WAP services. This is to avoid a security risk if your phone is misplaced, lost or stolen.

Transferring and Exchanging Information

Fax and data calls

Send fax and data calls

To send fax and data calls you need to connect your phone to a computer, and then start the appropriate software program.

Receive fax and data calls

The procedure of receiving fax and data calls depends on your network and subscription. If you have separate numbers for voice, fax and data calls, your phone will recognize the type of call.

To receive a fax or data call (separate numbers)

1. Connect your phone to a computer.
2. Answer the call from within the software program (if it does not answer automatically).

Note! You cannot answer a fax or data call manually.

One number

If you have a SIM card that does not support separate fax and data numbers, the phone does not recognize the type of incoming call.

If you want to receive a fax or data call, you have to set the phone to one of these options. Once you have set your phone for a specific incoming call, it stays like this until you change it.

1. To select the call type you want your next incoming call to be, scroll to *Call Info, Next Call, Next Incoming*.
2. Select the call type you want (Voice, Data, or Fax) and confirm your choice.
3. Connect your phone to the computer.
4. Answer the call from within the program.

Note! Once you have set your phone for a specific incoming call, it remains set until you change it.

More Features

Alarm clock
The alarm can be set to ring at a specific time within 24 hours, or recurrently at a specific time on several days. You can have both these alarms set at the same time. Even if you have set your phone to silent, the alarm and timer signals ring.

To set an alarm
1. Scroll to *Extras, Alarms, Alarm*.
2. Enter the time.

To change the alarm time
1. Scroll to *Extras, Alarms, Alarm*, *New Time*.
• Enter the time.

To turn the alarm off
• Press any key to turn the alarm signal off when it rings. If you do not want the alarm to be repeated, press **YES** when prompted with *Turn off alarm?*

To use the snooze function
• If you want to turn temporarily turn the alarm off so it will sound again in approximately 9 minutes, press **NO** when prompted with *Turn off alarm?*

To cancel the alarm
• Scroll to *Extras, Alarms, Alarm,Cancel*.

Setting a recurrent alarm
• Scroll to *Extras, Alarms , Recurrent Alarm*. Then enter the time and select the days that you want the alarm to recur by scrolling and pressing ⊛.

To select an alarm signal
• Scroll to *Settings, Sounds & Alerts, Alarm Signal*. Select a signal.

Stopwatch
Scroll to *Extras, Alarms, Stopwatch*.
• To start, stop or restart the stopwatch, press the left softkey.
• To save up to nine lap times, press ⊘ .

- To reset the stopwatch, press **CLR**.

> **Note!** The stopwatch is turned off when you answer an incoming call or when you exit the stopwatch menu.

Timer

The phone has a built-in 24-hour timer which replaces the clock when it is set.
- To set the timer, scroll to *Extras*, *Alarms*, *Timer*. Enter the hours, minutes, and seconds. When the signal rings, press any key to turn it off.
- To enter a new time, scroll to *Extras*, *Alarms*, *Timer*, *New Time*. Enter the hours, minutes, and seconds.

Calculator

The phone has a built-in calculator, which can add, subtract, divide and multiply.
- Press **CLR** to delete the figure.
- You can scroll through the selection bar at the bottom of the display by tilting the joystick to the left or right. The options are **+, -, X, /, %, .**, and **=**.Select an option by using the center push key or by pressing **SELECT** when the option is highlighted.

Code memo

Instead of having to remember all the different security codes for credit cards, for example, you can save them in the code memo in your phone. Then all you need to remember is the password to open the code memo. You can save a maximum of 10 codes in the code memo.

Checkword and security

To confirm that you have entered the correct password for the code memo and to prevent unauthorized access to your codes, you must enter a checkword. When you enter your password to open the code memo, the checkword is shown for a short time. If the password is correct, the correct codes are shown. If you enter the incorrect password, the checkword and the codes that are shown are also incorrect.

Factors strengthening the security of the Code memo function are:
- You get no feedback about whether the password is correct, except for the checkword, and only you know the checkword.
- All codes are encrypted in the mobile phone.
- When you access your codes, they are shown for a limited time only.

To open code memo for the first time

1. Scroll to *Extras, Code Memo*.
   A message with instructions appears.
2. Enter a four-digit password to open Code Memo.
3. Re-enter the new password to confirm.
4. Enter a checkword (maximum 15 characters).
   The checkword can consist of both letters and numbers.
   To enter a number, press and hold the key.

To add a new code

1. Scroll to *Extras, Code Memo*.
2. Enter your password.
3. Select *Add new code?*
4. Enter a name associated with the code, for example, the name of the credit card company.
5. Enter the code.

To open code memo

1. Scroll to *Extras, Code Memo*.
2. Enter your password.
3. Your entered checkword appears. When the decryption process has finished, your codes are shown.
4. To change the password
5. Open Code Memo as described above.
6. Scroll to *Options, Chg password*.

7. Enter your new password.
8. Re-enter the new password.
9. Enter a checkword.

Forgot your password?

If you forget your password, just enter any password to access the Code memo function. The checkword and codes that are then shown are incorrect. You must now reset the Code memo.

To reset code memo

1. Scroll to *Options*, *Reset*.
2. *Reset Code Memo?* appears.
   The Code memo is reset and all entries are cleared. The next time you enter the Code memo, you must start at "To open code memo for the first time" on page 82.

Synchronization

You can synchronize the calendar and contacts in your phone with the calendar and contacts in your PC. To do this, you first need to install on your PC the synchronization program found on Sony Ericsson mobileinternet website (wap.sonyericssonmobile.com). If you have an Internet calendar or phonebook, you can also synchronize that with your phone calendar and contacts, using WAP.

Starting the Synchronization

Before you start the synchronization, decide which synchronization method you want to use:

- **For synchronization with nearby devices**:
  use your data cable. The synchronization starts as soon as you connect the cable.
- **For synchronization with your Internet calendar or phone book use WAP.**
  The first time you want to synchronize your phone with your Internet calendar or phonebook you must choose settings for this, see "Internet Calendar Synchronization" on page 85.

To start the synchronization
1. Scroll to *Extras, Synchronization, Synchronize*.
2. Select the synchronization method you wish to use.

Synchronization Sound
You can select whether you want the phone to make a sound when the synchronization is finished.

To turn the synchronization sound on or off
1. Scroll to *Extras, Synchronization, Sound.*
2. Select *On* or *Off.*

Calendar

You can use the calendar to keep track of important meetings that you need to attend, phone calls that you need to make or tasks that you need to do.

Appointments and tasks
You can save up to 200 appointments and tasks in your calendars, depending on the size of each item. You can choose to add a new appointment or task, or to use an old appointment or task as a template by copying and editing it.

- *Appointments:* meetings, vacation, phone call.
- *Tasks:* make a phone call, send a message, pay bills.

To add a new appointment
1. Scroll to *Extras, Calendar, Add appointm*.
2. Enter the appropriate information, for example, subject, location, icon and times. Confirm each entry.
3. If you want to set a reminder for your appointment, select a reminder.
4. A list of options appears.
   If the appointment is recurring:
   - Select *Recurrent app*.
   - Select the recurrence you want.
   To change the class for your appointment:
   - Select *Class*.
   - Select the *Class* you want.
   To set the time zone for a meeting:
   - Select *Time zone*.
   - Select a time zone in which the meeting is to be held. Your meeting time will be adjusted automatically according to the time zone you are in.
5. Confirm with *Save and close*.

To add a new task
1. Scroll to *Extras, Calendar, Tasks, Add Task?*

2. Select a category,.
   - If the category is a phone call, enter the phone number.
3. Enter a subject.
4. If you want to set a reminder for your appointment, select a reminder.

Viewing your calendar
To view your calendar content, scroll to *Extras, Calendar* and then select one of the following:
- *View Today* – All appointments for today as well as incomplete tasks are shown.
- *View All Tasks* – This shows all your entered tasks.
  Scroll to the task you want to view. Press ✎ to see options for the task.
- *View Week* – Move within and among the days by moving the joystick. Press **SELECT** to view a certain day.
- *View Month* – Move within and among the weeks by moving the joystick. Press **SELECT** to view a certain

day. Days on which you have appointments are marked in bold.

Tip! In the monthly and weekly views, you can go to next week by pressing 3, to next month by pressing 6 and to next year by pressing 9. You can go back a week, a month or a year by pressing 1, 4, and 7 respectively. To reach the current day, press **CLR**.

Calendar settings
- Select *Options* from the *Extras, Calendar* menu and then select one of the options:
  - *Status* – Use this to check when you last synchronized your calendar, how much space is left for new appointments and tasks.
  - *Class View* – you can choose whether to see only the private calendar entries, only the public ones or both.
  - *Reminders* – Select *Always* if you want the reminder to sound even though the phone is turned off.
  - *Profile Switch* – If you want the phone to remind you to switch profile when a meeting is about to start, select *Manual*. If you want the profile to be switched automatically, select *Auto*, then select a profile.

- *Delete All* – Deletes all appointments and tasks in the calendar.

Check the status
You can check when you last synchronized your calendar or how much space is left for new appointments and tasks
- To check the status, scroll to *Extras, Calendar, Options, Memory Status.*

Tip! To delete all appointments and tasks in your calendar, select *Delete All* in the Options menu.

Internet Calendar Synchronization
Via WAP you can synchronize your mobile phone calendar or contacts with a calendar or phonebook on the Internet. To do this you must have:
- **an Internet calendar and phonebook program**. Contact your operator for more information about the program. You need a user id, password and Internet address for the calendar and phonebook.
- **a WAP profile** set in your mobile phone. For information on how to set a WAP profile, see "WAP profile settings" on page 61.

To make the WAP synchronization settings

1. Scroll to *Extras, Synchronization, Server settings*.
2. Select *WAP profile*.
   In the list of WAP profiles, select the one you want to use for synchronization.
3. Select *Server user id*.
   Enter your user id for the Internet calendar and phonebook.
4. Select *Server pwd*.
   Enter your password for the Internet calendar and phonebook.
5. Select *Server URL*.
   Enter the Internet address of the Internet calendar and phonebook.
6. Select *Phonebook path*.
   Enter the Internet address, user id and password for your phonebook on the Internet.
7. Select *Calendar path*.
   Enter the Internet address, user id and password for your calendar on the Internet.

Games

Your phone has several games. You can control the games using your joystick and the keys on your keypad.

Use the joystick to move up, down, left or right and to select an item, or use the keypad as follows:

2=up	**8**=down
4=left	**6**=right
CLR=pause	**5**=select/deselect
Cancel=save/quit	Select=confirm
#=undo	*****=reset

Security

SIM card lock
The SIM card lock protects your subscription, but not your phone itself, from unauthorized use. If you change SIM cards, the phone still works with the new SIM card. Most SIM cards are locked at the time of purchase. If the SIM card lock is on, you have to enter a "PIN" (Personal Identity Number) every time you turn on your phone. If you enter your PIN incorrectly three times in a row, the SIM card is blocked. This is indicated by the message *PIN blocked*. To unblock it you need to enter your "PUK" (Personal Unblocking Key). Your PIN and PUK are supplied by your operator.

To unblock your SIM card
1. *PIN Blocked* appears in the display.
2. Enter your PUK.
3. Enter a new four- to eight-digit PIN.
4. Re-enter the new PIN to confirm.

• To edit your PIN, scroll to *Settings, Locks, SIM Lock, Change PIN*.

   Note! If the message *Codes do not match* appears, you entered the new PIN incorrectly. If the message *Wrong PIN* appears, followed by **OLD PIN**, you entered your old PIN incorrectly.

• To edit your PIN2, scroll to *Settings, Locks, SIM Lock, Change PIN2*.

To turn the SIM card lock on or off
1. Scroll to *Settings, Locks, SIM Lock, Protection*.
2. Select *On* or *Off*.
3. Enter your PIN.

Phone lock
The phone lock protects the phone against unauthorized use if it is stolen and the SIM card is exchanged. It is not on when you buy the phone. You can change the phone lock code (0000) to any four- to eight-digit personal code. The phone lock can be set to on, automatic or off.

Phone lock on

If the phone lock is on, the message *Phone Locked*
appears each time you turn on the phone. You have to
enter your code to use your phone.

Automatic

If the phone lock is set to automatic, you do not need to
enter your phone lock code until a different SIM card is
inserted in the phone.

• To edit your phone lock code, scroll to *Settings, Locks,
  Phone Lock, Change Code.*

> **Note!** It is important that you remember your new
> code. If you forget it, contact your local Sony
> Ericsson retailer.

To set the phone lock

1. Scroll to *Settings, Locks, Phone Lock, Protection.*
2. Select an alternative.
3. Enter the phone lock code.

Troubleshooting

This chapter lists some problems that you might encounter while using your phone. Some problems require that you call your service provider, but most of the problems you can easily correct yourself.

The phone cannot be switched on
Recharge or replace the battery. See "Installing Your SIM Card" on page 16.

Cannot Access a Certain Function
The function or service may be dependent on your SIM card or the network. Contact your network operator.

Cannot Receive Any Calls
- You may have forwarded your incoming calls to another phone number. To cancel the *Forward calls*, see "Forwarding calls" on page 49.
- You may have set the *Accept Calls* option to *From no one* or *From list*. Select *From all*. See "Accept calls" on page 56.
- You may have selected *Fax* or *Data* as the next incoming call. Select *Voice*. See "Receiving calls" on page 27.

- You may have set *Allow calls* to *Off* for a data account. Select *On* instead. See "Data Account Settings" on page 74. If you still cannot receive incoming calls, it could be due to network limitations.

Cannot Speed Dial
Your contacts are not saved on the SIM card. See "Voice Control" on page 43.

Cannot Access My Contacts
Your contacts are not saved in the phone. See "Voice Control" on page 43.

No indication of charging
When you start charging a battery that is empty or a battery that has not been used for a long time, it may take up to 30 minutes before the battery icon appears in the display.

Menu language
If the display shows a language that you do not understand, you can always choose Automatic (determined by your SIM card). You can easily select

English by tilting the joystick to the left, pressing **0 0 0 0**, then tilting the joystick to the right. To easily change the language to the language determined by your SIM card, tilt the joystick to the left, press **8 8 8 8**, then tilt the joystick to the right.

Gray menu options
Gray text indicates a function that is temporarily unavailable, for example due to your subscription or due to a certain setting which has not been turned on.

Display Frozen
If your phone does not respond to any key presses, it may be frozen. Press and hold the ⓘ key for about 10 seconds to turn off your phone. Press and hold the ⓘ key briefly to turn your phone on again.

Error messages

Insert SIM, attach battery and close cover.
There is no SIM card in the phone or you may have inserted it incorrectly. Insert a SIM card. See "Installing Your SIM Card" on page 16.

Insert correct SIM Card
The phone is set to work only with certain SIM cards. Insert the correct SIM card and replace the back cover.

Emergency calls only
You are within range of a network, but you are not allowed to use it. However, in an emergency, some operators allow you to call the international emergency number 112 or 911. See "Making emergency calls" on page 26.

No Network
There is no network within range or the received signal is too weak. You have to move to get a signal that is strong enough.

Wrong PIN/Wrong PIN2
You have entered your PIN or PIN2 incorrectly. Enter the correct PIN or PIN2. See "SIM card lock" on page 87.

Codes do not match
When you want to change a security code (for example your PIN) you have to confirm the new code by entering

it again. The two codes that you have entered do not match. See "SIM card lock" on page 87.

PIN blocked/PIN2 blocked
You have entered your PIN or PIN2 incorrectly three times in a row. To unblock, see "SIM card lock" on page 87.

PUK blocked - contct operator
You entered your personal unblocking key code (PUK) incorrectly 10 times in a row. Contact your network operator or service provider.

Phone locked
The phone is locked. To unlock the phone, see "Phone lock" on page 87.

Phone lock code:
Your phone comes with the phone lock code, 0000. You can change it to any four- to eight-digit code. See "Phone lock" on page 87.

Number not permitted
The Fixed Dialing function is on and the number you have dialed is not on your fixed numbers list. See "Fixed dialing" on page 99.

Charging, alien battery
The battery you are using is not a Sony Ericsson-approved battery and is charging slowly for safety reasons.

Accessories, Accessibility, and Internet

Technical Assistance
- North America - 1-800 ERICSSON (1-800-374-2776)
- Latin America - 305-755-6789
- Other countries - 919-472-7908

Ordering Accessories
You can purchase Sony Ericsson accessories by:
- Visiting www.sonyericsson.com/us.
- Calling +1 305 755-6789 (outside the U.S.)
  1-800-374-2776 (inside the U.S.)
- Visiting your local Ericsson retailer.

Accessible Solutions/Special Needs
For information on Accessible Solutions for individuals
with special needs call the Sony Ericsson Special Needs
Center at 877-878-1996 (TTY) or 877-207-2056 (voice),
or visit the Ericsson Special Needs Center at:
www.ericsson-snc.com

Internet
Visit Sony Ericsson on the internet at:
www.sonyericssonmobile.com.

Mobile Internet
Visit the Sony Ericsson Mobile Internet at:
wap.sonyericssonmobile.com for online access to
synchronization software, customer services, user's
guides, and other useful information.

Icons

The table below shows icons which may appear in standby or in the menus.

Icon	Description
📖	Your personal phone book.
✉	Handling of text and voice messages.
☎	Handling of call time, call cost information and ongoing calls.
📱	Personal settings, profiles, forward calls, networks and voice control.
📇	Calendar, synchronization, voice memo, alarm clock and other extras.
🌐	Gives you access to WAP services on the Internet.
🔄	A selection of your most frequently used functions.
ℹ	Help text.

Icon	Description
📶	Tells you the strength of the GSM network signal.
📶	GPRS is within range.
📶	GPRS is within range and can be used.
✳	You cannot receive any incoming calls.
🔋	Tells you the status of the battery.
↘	You have missed an incoming call.
↗	All incoming calls are forwarded to a defined number. No calls or only certain calls from numbers in a list are received.
🔲	A profile other than Normal has been chosen.
🔇	The ring sound is turned off.

Icon	Description	Icon	Description
♪	All signals are turned off, except the alarm and timer.	(	An ongoing call.
🔔	The alarm clock has been set and is on.	⌐	A missed call in the call list.
🗐	You have received a text message.	(←	An answered call in the call list.
🗐	You have received a voice message.	(→	A dialed number in the call list.
🗐@	You have received an e-mail message.	👥	A group of contacts in the phone book.
🗐w	You have received a WAP push message.	▣	A text message has not been read.
☎1	Line 1 is in use for outgoing calls.	▯	A text message is saved on the SIM card.
☎2	Line 2 is in use for outgoing calls.	♪	Melody inserted in a message.
⚠	Encoding is currently not being provided by the network.	∞	A voice message has not been checked.
🔒	The card lock or phone lock is on. A secure WAP connection is established.	📖←	You can enter the phone book by pressing and holding the joystick to the left.
		🏠	A home number in the phone book.

Icon	Description	Icon	Description
	A work number in the phone book.		An e-mail message, not read, has been deleted.
	A mobile number in the phone book.		The appointment is a meeting.
	A fax number in the phone book.		The appointment is a date.
	Another number in the phone book.		The appointment is to travel.
@	An e-mail address in the phone book.		The appointment is a vacation.
	A voice command has been recorded for a contact name.		The appointment is an anniversary.
	You have recorded a voice memo.		A miscellaneous appointment.
	An e-mail message has not been read.		An all day calendar appointment.
	An e-mail message has been read.		A recurrent calendar appointment.
	Only part of an e-mail message is saved in the phone.		A reminder is set for a calendar appointment.
			A task in your calendar.

Icon	Description
!	A task of high priority.
↓	A task of low priority.
☎	The task is to make a phone call.
✉	The task is to write a message.
⚡	The network is preferred and can be used.
∅	The network is forbidden and cannot be used.
⌂	Your network is within range and can be used.

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