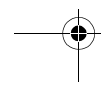
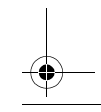
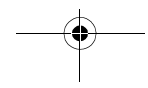
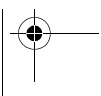
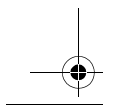
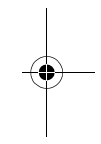
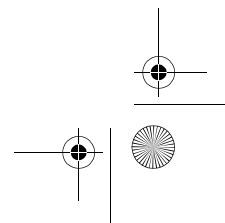
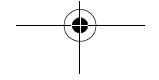
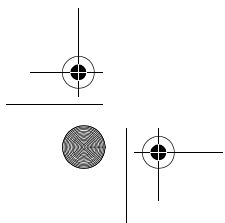
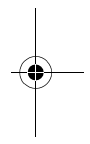
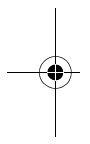
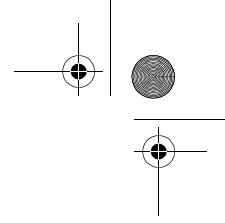
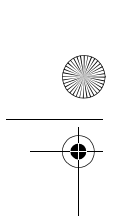


Sony Ericsson

Z200





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Sony Ericsson
GSM 900/1800/1900

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

Please contact your network operator or service provider if you are in doubt 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.

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Getting started

SIM card, battery, make a call

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.

More information and downloads are available at www.SonyEricsson.com or wap.SonyEricsson.com.

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.

Tip: Check if your information is saved to the SIM card before you remove it from another phone. For example, phonebook entries may be saved in the phone memory.

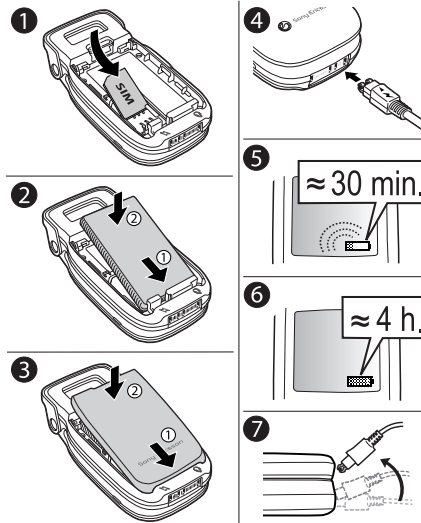
Assembly

Before you can use your phone you need to:

- Insert the SIM card.
- Attach and charge the battery.

SIM card and battery information

Always turn off the phone and detach the charger before you insert or remove a SIM card.



To insert the SIM card and charge the battery

1. Insert the SIM card. Make sure the SIM card is placed under the silvery holders.
2. Place the battery on the back of the phone with the connectors facing each other, and push until you hear a click.
3. Place the back cover into the slots on the phone and push until you hear a click.
4. Connect the charger to the phone at the flash symbol with the symbol on the charger plug facing upwards.
5. It may take up to 30 minutes before the battery charging icon appears in the display.
6. Wait approximately 4 hours or until the icon indicates that the battery is fully charged. If you do not see the battery icon after this time, press any key to activate the display.
7. Remove the charger by tilting the plug upwards.

Turning on the phone and making calls

Your PIN (Personal Identity Number) is provided by your network operator but not all operators require a PIN to activate services.

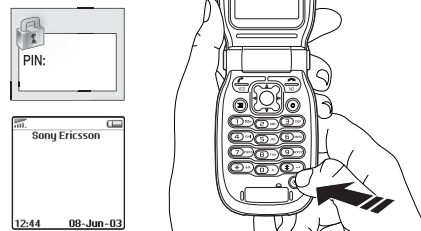
If your PIN starts with the same digits as an emergency number, for example 112, the digits are not hidden with an * when you enter them.

This is so that you can see and call an emergency number without entering a PIN. See “Emergency calls” on page 25 for more information.

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

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.*

To turn on the phone



1. Open the flip. Press and hold **@**.
2. Enter your PIN, if you have one for your SIM card.

To make and receive calls

- Enter the area code and phone number, and press **YES** to make the call.
- Press **NO** or close the flip to end the call.
- When the phone rings, press **YES** or open the flip to answer the call. See “Flip functions” on page 22.

Navigating the menus

The main menus are shown as icons on the desktop. To go to the desktop, press the centre of the rocker key. (See “Key functions – flip open” on page 9.) Press left, right, up, or down to move through menus. Press the rocker key to select highlighted items.

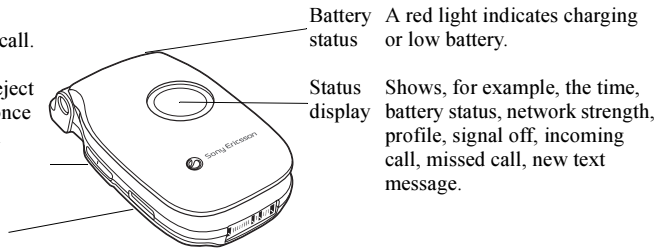
Getting to know your phone

Key functions, quick keys, entering letters

Key functions – flip closed

Volume keys Increase or decrease the speaker volume during a call. Enter the status menu in standby. Press twice to reject an incoming call. Press once to turn off the ring signal when receiving a call.

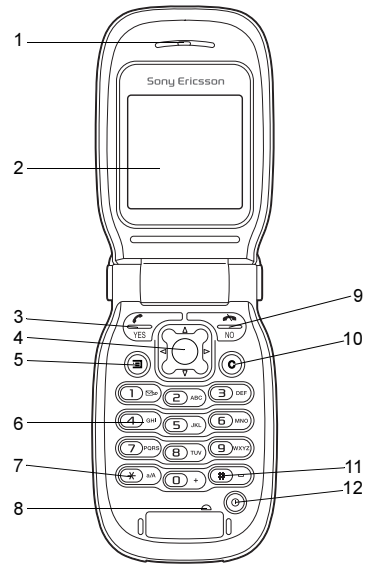
Infrared Exchange data via the IR port.










Battery status A red light indicates charging or low battery.

Status display Shows, for example, the time, battery status, network strength, profile, signal off, incoming call, missed call, new text message.

Key functions – flip open



- 1 Speaker.
- 2 Main display.
- 3 Make and answer calls. Select a menu, submenu or an option.
- 4  Rocker key. Press to enter the desktop menus. Press up, down, left, right to move through menus, lists and texts. Press the rocker key as an alternative to .
- 5  Press for options or help. Press and hold for WAP.
- 6 Enter digits, 0-9, and letters.
- 7  Enter *. Shift between lower or upper case.
- 8 Microphone.
- 9 Press to end or reject a call, go back one level in the menus, or leave an option unchanged. Press and hold to go back to standby mode from menus.
- 10  Delete numbers, letters or an item from a list.
- 11  Enter # or a space.
- 12  Press and hold to switch the phone on or off.

Quick keys

Useful key combinations (using shortcuts) are described below.

To...	When in standby:
make an emergency call	enter the international emergency number and press YES
enter the menus	press the rocker key or →
enter the first submenu in <i>My shortcuts</i>	press ←
enter <i>Find and call</i>	press ↑ or ↓
enter <i>Call list</i>	press YES
call your voice mail	press and hold (1)
enter the + sign	press and hold (0)
turn off the ring signal when receiving a call	press (C) , or a volume key once
set the phone to silent, options	press and hold (C) or press (M) , YES
reach a phonebook entry beginning with a specific letter	press and hold any of the keys (2) – (9)

To...

To...	When in standby:
reach a phone number at a specific position.	press the position number and (#)
speed dial	press any of the number keys (1) – (9) and YES
enter the <i>Status</i> menu to see today's date, the profile in use and the model name of the phone	press a volume key once.
change the language to <i>Automatic</i>	press ← 8888 →
change the language to English	press ← 0000 →
reject a call	quickly press a volume key twice when receiving a call or press NO

To...

To...	In standby when flip is closed:
change information in status display	press a volume key once

To...	During a call:	To...	When entering letters:
put a call on hold	press YES	shift between multimap or T9 Text input methods	press and hold *
retrieve a call	press YES again	shift between input languages and other character or numeric input methods	press and hold #
To...	When in the menus:	To...	When entering letters using multimap text input:
move through menus or lists	use the rocker key or press a volume key	enter a space	press #
enter a quick options menu or help, if available	press ☰	To...	When entering letters using T9™ Text Input:
delete an item	press and hold C when in lists	view alternative words	press ↑ or ↓
go back to standby	press and hold NO	accept a word and add a space	press #
To...	When entering letters:	enter a full stop	press 1
shift between capital and lower-case letters	press * , then the letter	view alternative punctuation marks	press 1 , then ↑ or ↓ repeatedly
enter numbers	press and hold any of the number keys		
delete letters and numbers	press C		

Using shortcuts

A quicker way to move through the menus is to use shortcuts. Enter the menus by pressing **➡** and then simply press the rocker key to enter the menu. To get back to standby, press and hold **no**.

You can quickly and easily reach the settings you use most by placing them in the menu *My shortcuts*. See “My shortcuts” on page 22.

Delete, edit and rename

If you add items, for example, a phonebook entry, a calendar item or a WAP bookmark, it can be deleted, edited or renamed.


To delete an item

- Select an item and press **(C)**.
- Select an item, press **(☒)**, select *Delete* or *Delete all*.

To edit items

Select an item, press **(☒)**, select *Edit*.

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 and turned on your phone, your network operator can download data to your SIM card. When you restart your phone after the first data download, a new submenu appears under the *Connectivity* menu.

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.*

To enter your new menu system

Scroll to *Connectivity*, **YES**, *Online services*, **YES**.

Menu overview

Calls



- Missed calls
- Call list
- Manage calls
- Time and cost
- Next call
- Options

WAP services



- Sony Ericsson
- Bookmarks
- Push inbox
- Enter address
- Resume
- Select profile
- Advanced
- Options

My shortcuts



- Write new
- Ring volume
- Select profile
- My numbers
- Edit shortcuts

Fun & Games



- Games
- My pictures
- My sounds
- Themes
- Composer
- Download*
- Operator link*

Messaging



- Write new
- Inbox
- Call voice mail
- Unsent
- Templates
- Sent items
- Options
- Area info
- SMS memory

**Please note that some menus are operator, network and subscription dependent.*

Organizer



- Calendar
- Alarms
- Timer
- Stopwatch
- Calculator

Connectivity



- Online services*
- Infrared port
- GSM Networks
- Data comm.
- Accessories

Phonebook



- Find and call
- Add number
- Find and edit
- Pictures
- Personal rings
- Groups
- Email addresses
- Options
- Memory status
- Special numbers

Settings



- Sounds & alerts
- Profiles
- Display
- Language
- Time and date
- Locks
- Handsfree
- Flip functions
- Master reset

Ongoing call*



- Turn off tones**
- Hold call**
- Switch calls**
- Release active**
- Retrieve call**
- Join calls**
- Transfer call**
- Extract part**
- Release all**
- Release part**
- Parties in conf.
- Calls**

***Only available during a call or conference call.*

Entering letters and characters

You can enter letters, for example, when you add names to the phonebook, write text messages or enter WAP addresses.

Apart from the way you normally enter letters in your phone, using multimap input, you can use **T9™ Text Input** for entering text messages, if the input language you select supports this. T9 Text Input is a predictive input method and is a quicker way to write texts.

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*, **YES**, *Language*, **YES**, *Input*, **YES**.
2. Scroll to the language or alphabet that you want to use for entering letters and press ***** for each language you want.
3. Press **YES** to exit the menu.

When writing, you can switch to one of your selected input languages by pressing **☰** and then selecting *Language*. See “The list of options” on page 16.

Multimap text input

When saving names in the phonebook or when writing WAP addresses, you enter letters using multimap text input. You press each key as many times as needed to show the letter you want.

Note: *Your selection of input languages and character or numeric input methods determines what you can see or enter.*

The following example shows how to write a name in the phonebook.

To enter letters using multimap text input

1. Scroll to *Phonebook*, **YES**, *Add number*, **YES**, *Add new?*, **YES**.
2. Add the number, **YES**.
3. Press the appropriate key, **1** – **9**, **0** or **#**, repeatedly until the character you want appears in the display e.g., to enter an **A**, press **2** once, to enter a **B**, quickly press **2** twice, to shift between capital and lower-case letters, press *****, then enter the letter.

See the Latin alphabet, abc, table below:

Press...	to see/enter...
1	., - ? ! ' @ : ; / () 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 i 4
5	J K L 5 Λ
6	M N O Ñ Ö Ø ò 6
7	P Q R S B 7 Π Σ
8	T U V Ü ù 8
9	W X Y Z 9
0	+ & @ / □ % \$ € £ ¥ \ \$; i 0 Θ Ξ Ψ Ω
#	Space # * ↵ ¶
C	to delete letters and numbers
*	to shift between capital and lower-case letters
0 - 9	press and hold to enter numbers

T9™ Text Input

You can use T9™ Text Input when writing text messages. The T9™ Text Input method uses a built-in dictionary to recognize the most commonly used

words 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: A language must be selected to be able to use the T9™ Text Input method. If you change input method in Settings/Language/T9 input, this is valid for all input of texts – not only for the text you are currently writing.

The following shows how to start writing a text message.

Tip: Press 1 to enter a full stop. To enter other punctuation marks, press 1 and then ↑ or ↓ repeatedly. Press # to accept and add a space. Press and hold * to select an input method for the text you are currently writing.

To enter letters using T9™ Text Input

1. Scroll to Messaging. YES, Text, YES, Write new, YES.
2. For example, if you want to write “Jane”, press 5, 2, 6, 3. A list of alternative words or candidates are shown. If the candidates do not include a word you want, you can add a new word to the list whilst selecting.

3. Scroll \downarrow to select *Jane*.
4. When the word is highlighted, press **YES** to accept without a space, or press **(#)** to accept and add a space.

To add a word to candidates

1. Scroll to a similar candidate to the word you want to add, press **(=)**, select *Edit word*, **YES**.
2. Press **(C)** repeatedly to delete one letter at a time. Write the new word using multitap text input, **YES**. The word is added to the dictionary. The next time you enter the word you just added to the dictionary, it appears as one of the alternative words.
3. Continue writing your message. See also “Text messages (SMS)” on page 45.

The list of options

Press **(=)** when writing to enter a list of options:

- *Add symbol* – Symbols and punctuation marks such as ? and , are shown. Move between the symbols by using the rocker key.
- *Insert item* – Add a picture, sound effect, melody or animation to a message.

- *Edit word* – For T9™ Text Input only. Edit the suggested word by using multitap text input.
- *Text format* – Edit size, style, alignment or start a new paragraph.
- *Language* – Select an input language.
- *Input method* – A list of input methods available for the current input language is shown.
- *Candidates* – For T9™ Text Input only. Turn on or off the alternative words list.
- *National char.* – Turn off language-specific characters to save space. This option only appears for some input languages.
- *Help*.

To turn T9™ Text Input on or off

Scroll to *Settings*, **YES**, *Language*, **YES**, *T9 input*, **YES** or press and hold **(*)** when writing.

Personalizing your phone

Choose ring signal, theme and other settings

Themes

You can change the appearance of the display, for example, the colours and wallpaper, by using themes. Your phone comes with a number of preset themes.

To select a theme

Scroll to *Fun & Games*, **YES**, *Themes*, **YES**.

To adjust the display contrast

Scroll to *Settings*, **YES**, *Display*, **YES**, *Contrast*, **YES**.

Pictures


Your phone comes with a number of pictures. All pictures are saved in *Fun & Games/My pictures*. You can:

- Set a picture as a wallpaper when in standby mode.
- Assign a picture to an entry in the phonebook. When that person calls, the picture appears in the display (provided your subscription supports the Calling Line Identification service). See “To add a picture to a phonebook entry” on page 28.

- Enclose a black and white picture in a text message.
- Send a picture via IR.
- Download a picture via WAP.

Handling pictures

You can also add, delete or rename pictures in *My pictures*. The number of pictures that can be saved depends on the size of the pictures. File types supported are GIF, JPEG and WBMP.

Tip: *When viewing your pictures in Fun & Games/My pictures, you can set a wallpaper by pressing* .

To view your pictures

Scroll to *Fun & Games*, **YES**, *My pictures*, **YES**. The pictures are shown in thumbnail view. To get a full view, press **YES**.

Animations can only be viewed when inserting an item in a text message. See “To insert an item in a text message” on page 45.

To select a picture as wallpaper

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Wallpaper*, **YES**, *Select picture*, **YES**.
2. Select a picture, **YES**.

To turn the wallpaper on or off


Scroll to *Settings*, **YES**, *Display*, **YES**, *Wallpaper*, **YES**, *Activate*, **YES**.

Exchanging pictures


You can send and receive pictures via IR and in text messages. For more information on sending pictures in messages, see “Messaging” on page 44.

Note: *You are not allowed to exchange copyright-protected material.*

To send a picture


1. Scroll to *Fun & Games*, **YES**, *My pictures*, **YES**.
2. Select a picture, **YES**. Press .
3. Select *Send*, **YES**.
4. Select a transfer method, **YES**.

To receive a picture via Infrared

1. From standby, press , scroll to *Activate IR*, **YES**.
2. When you receive the picture, press **YES** to save it in *My pictures*.

To receive a picture via a message

When you receive a picture via a message, a new message appears in your Inbox. Highlight the picture

in the message by using the rocker key to select it, press  and select *Save* to save it in *My pictures*.

To download a picture

1. Scroll to *Fun & Games*, **YES**, *Download*, **YES**.
2. Select what you want to download and follow the instructions that appear, **YES**. (For more information, see “Downloading” on page 51.)

Ring signals and melodies

Your phone comes with a number of standard and polyphonic melodies which can be used as ring signals. See “Icons” on page 68 for more information. You can create and edit melodies, and send them to a friend, in a text message. You can also exchange melodies via IR or download new via WAP.

Note: *You are not allowed to exchange copyright-protected material.*

Managing ring signals and melodies

Exposure to a loud ring volume may damage hearing. Answer the call or lower the volume before placing the phone to your ear.

To select a ring signal

Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**, *Ring signals*, **YES**.

To set the ring signal volume

1. Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**, *Ring volume*, **YES**.
2. Press **←** or **→** to increase or decrease the volume.
3. Press **YES** to save the setting.

To turn the ring signal on or off

Press **[M]** or press and hold **[C]** from standby and select *Turn on silent* or *Turn off silent*. All signals except the alarm signal are turned off.

To compose your own ring signal

You can compose up to ten personal ring signals.

Options available when composing a ring signal are:

- Press a key to enter a note. Press and hold the key to make it a long note.
- Press **[O]** to raise the note one octave.
- Press **[#]** once to raise the note one semitone.
- Press **[#]** twice to lower the note one semitone.
- Press **[C]** to remove notes.

To compose a ring signal

1. Scroll to *Fun & Games*, **YES**, *Composer*, **YES**.
2. Compose your ring signal using the options described above.
3. To listen to your ring signal, press **YES**.
4. Press **YES** again to save and name it, or press **NO** to continue composing.

Exchanging ring signals and melodies

You can send and receive a sound, ring signal or melody via IR, text messages, or download it via WAP. To send a ring signal or melody in a text message, see "To insert an item in a text message" on page 45.

Note: You cannot exchange a polyphonic melody via text messages.

To send a melody

1. Scroll to *Fun & Games*, **YES**, *My sounds*, **YES**.
2. Select a melody and press **[M]**.
3. Select *Send*, **YES**.
4. Select a transfer method.

To receive a sound or melody via Infrared

1. From standby, press **[M]**, scroll to *Activate IR*, **YES**.
2. When you receive the sound or melody, press **YES** to save it in *My sounds*.

To download a sound or melody

1. Scroll to *Fun & Games*, **YES**, *Download*, **YES**.
2. Select what you want to download and follow the instructions that appear, **YES**. (For more information, see “Downloading” on page 51.)

Increasing ring

You can choose a ring signal that rises in steps from the lowest volume to the highest, or you can choose a ring signal with constant volume.

To turn increasing ring On or Off

Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**, *Increasing ring*, **YES**.

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 *On*, *On if silent* or *Off*.

From *Settings/Sounds & alerts*, you can also select:

- *Message alert* when messages are received.
- *Key sound* when using the keypad.
- *Minute minder* to beep after every minute during calls.

To set the vibrating alert

1. Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**, *Vibrating alert*, **YES**.
2. Select the setting you want, **YES**.

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.

Note: *You can always choose Automatic by pressing ◀ 8888 ▶ in standby. You can always choose English by pressing ◀ 0000 ▶ in standby.*

To change the menu language

1. Scroll to *Settings*, **YES**, *Language*, **YES**, *Menus*, **YES**.
2. Select a language, **YES**.

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.

Note: *If set to On, the display light consumes extra battery power and reduces standby time.*

To set the display light

Scroll to *Settings*, **YES**, *Display*, **YES**, *Light*, **YES**.

To set the display contrast

Scroll to *Settings*, **YES**, *Display*, **YES**, *Contrast*, **YES**.

Time settings

The time is displayed in the status display when the phone is closed.

You can also see the time in the main display in standby. The time can be displayed in a 12-hour or a 24-hour clock.

Note: *If you select the 12-hour clock, you can alternate between am and pm by pressing **#** when setting the time.*

To set the time

Scroll to *Settings*, **YES**, *Time and date*, **YES**, *Set time*, **YES**.

To set the time format

Scroll to *Settings*, **YES**, *Time and date*, **YES**, *Time format*, **YES**.

Date

When the phone is in standby, you can always see today's date in the main display or you can press one of the volume keys to see the date in the status menu. To return to standby, wait a few seconds.

To set the date

Scroll to *Settings*, **YES**, *Time and date*, **YES**, *Set date*, **YES**.

To set the date format

Scroll to *Settings*, **YES**, *Time and date*, **YES**, *Date format*, **YES**.

Advanced time settings

Under *Advanced* in the *Settings/Time and date* menu, you can set time zone and daylight saving time. Changing these, changes the time accordingly, if your network operator supports this service.



When your phone changes network, and the time sent out from the network operator deviates from the time in your phone, you are asked whether you want to update the time if you have turned on *Auto time zone*. If you press **YES**, the time is updated automatically.

Note: Contact your network operator for more information.

Answering mode

When using a portable handsfree kit, you can choose to answer a call by open the flip, pressing any key (except the **NO** key), or set the phone to answer the call automatically.

To select answering mode

Scroll to *Settings*, **YES**, *Handsfree*, **YES**, *Answering mode*, **YES**.

Flip functions

You can answer a call by opening the flip.

To set the flip functions

1. Scroll to *Settings*, **YES**, *Flip functions*, **YES**.
2. Select *Answer call* or *Off*.

My phone numbers

You can check your own phone number(s).

To check your phone number

Scroll to *Phonebook*, **YES**, *Special numbers*, **YES**, *My numbers*, **YES**. If your number is not saved on your SIM card, you can enter it yourself.

My shortcuts

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

To reach a shortcut from standby

Press **←** to enter the first shortcut in *My shortcuts*.

To add a function to my shortcuts

1. Scroll to *My shortcuts*, **YES**, *Edit shortcuts*, **YES**.
2. Select a function from the list by pressing **(*)**.
3. Enter the position number you want for this function in your menu and press **YES**.
4. Press **YES** to save and exit the list.

Profiles

Your phone has a number of preset 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 are changed, such as the ring signal is turned off. You can reset all profile settings to the default or the way they were set when you bought your phone: for example *Normal*.

Accessories may change the selected profile in your phone automatically. For example, when using a portable handsfree the profile switches from *Normal* to *Portable*. The profile should automatically change back when the accessory is disconnected.

To select a profile

Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Select profile*, **YES**.

To change a profile setting

1. Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Edit profile*, **YES**.
2. Select a setting, **YES**.
3. Change the profile settings and press **YES** to confirm.

To rename a profile

Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Edit profile*, **YES**, *Profile name*, **YES**.

To reset all profiles

Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Reset profiles*, **YES**.

Master reset

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

If you also want to delete all phonebook entries, messages and other personal data, select *Reset all* instead.

Note: *If you select Reset all, content such as melodies and pictures that you have downloaded, received or edited are also deleted.*

To reset the phone

1. Scroll to *Settings*, **YES**, *Master reset*, **YES**.
2. Select *Reset settings* or *Reset all*, **YES**.
3. Press **YES** to continue.
4. Enter the phone lock code (0000 or the new code if you have changed it) and press **YES**.


The infrared (IR) port

The infrared port can be used to transfer and exchange information with another device equipped with an infrared port. See "Getting to know your phone" on page 8 to locate the infrared port.

When used with certain functions, such as sending a picture, IR is automatically activated for 10 minutes.

Note: *Infrared ports must be facing each other at a distance of 20 to 30 cm when used.*

The infrared port can be activated in the following ways:

- Press  from standby, scroll to *Activate IR*, **YES**.
- Scroll to *Connectivity*, **YES**, *Infrared port*, **YES**, select an option, **YES**.
- When selecting a transfer method, for example when sending a picture.

To turn infrared off
Scroll to *Connectivity*, **YES**, *Infrared port*, **YES**, *Off*, **YES**.

Calling

Use the phonebook, call options

Making calls

Before you can make or receive any calls, you must turn on the phone and be within range of a network. See “SIM card and battery information” on page 6.

Tip: *You can call numbers from the call list and the phonebook. See “Call list” on page 27 and “Phonebook” on page 27.*

- To make a call**
1. Enter the area code and the phone number, and press **YES** to make the call.
 2. Press **NO** or close the flip to end the call. See “Flip functions” on page 22.

During calls

You can increase or decrease the speaker volume during a call. The microphone must be turned on to change the speaker volume during a call.

To change the speaker volume

Press the volume keys to change the speaker volume.

To turn off the microphone during a call

1. Press and hold **(C)** until the display shows *Muted*.
2. Press **(C)** again to resume the conversation.

Automatic re-dialling

Automatic re-dialling is available for all calls except data calls.

Note: *Do not hold the phone to your ear while waiting. When the call is connected, the phone gives a loud signal.*

The phone re-dials the number up to ten times or until:

- the call is connected
- you receive a call
- you press a key.

To re-dial a number

If the connection of the call failed and the display shows *Retry?*, press **YES**.

International calls

It is useful to enter the + sign and country code for all numbers in the phonebook as they can then be easily used whether home or abroad.

To make international calls

1. Press and hold **(+)** 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, **YES**.

Emergency calls

Your phone supports international emergency numbers such as 112, 911, and 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, or in some cases, that a correct PIN is entered, in order to make an emergency call.*

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 make an emergency call

Enter, for example, 112 (the international emergency number), **YES**.

To view your local emergency numbers

Scroll to *Phonebook*, **YES**, *Special numbers*, **YES**, *SOS numbers*, **YES**.

Receiving calls

If your subscription includes the Calling Line Identification service and the caller's number is identified, the number appears in the status display when the flip is closed. If you have saved the number in your phonebook, the name and number appear.

If the number is a restricted number, *Withheld* appears.

Answer or reject calls

If you receive a call when the flip is closed, the phone rings and a phone icon appears in the status display. If the flip is open, *Answer?* appears in the main display.

To answer a call

- Open the flip and press **YES**.
- Open the flip (if the flip function *Answer call* is activated. See "Flip functions" on page 22.).
- If the flip is already open, press **YES**.

To reject a call

- Close the flip.
- Press **no**.
- Quickly press a volume key twice.

Missed calls

If you have missed a call, *Missed calls:1* appears in the status display and in the main display, indicating the number of missed calls.

The most recent missed call is first on the call list, and the oldest call is last. Scroll \downarrow to select and press \rightarrow to show the time if the call occurred on the same day. Otherwise, only the date appears for older missed calls.

To check your missed calls

1. When *Missed calls: 1* is displayed, open the flip and press **YES** to display the missed calls.
2. To call a number from the list, scroll to the number, **YES**.

Call list

The numbers of the last calls that you have made or received 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 **YES** from standby.
2. Scroll to the number you want to call, **YES**.

To clear the call list

Scroll to *Calls*, **YES**, *Options*, **YES**, *Clear call list*, **YES**.

To turn the call list on or off

Scroll to *Calls*, **YES**, *Options*, **YES**, *Call listing*, **YES**.

Phonebook

Your phone has a phonebook in which you can save numbers and accompanying names (an entry).


This means that you can retrieve a number from the phonebook instead of entering the number again.

Saving a number

When you want to save a phone number, you use the *Add number* function in the phonebook menu. If you have already made and received calls, you can find these numbers in the Add numbers list.

Every phone number you save also gets a position number. If you want to, you can choose to sort your phonebook entries according to their position number instead of the name.

If you intend to use your phone both at home and abroad, it is a good idea to save all phone numbers as international phone numbers, i.e. with the + sign,

followed by the country code, the area code and the phone number. Press and hold  to enter the + sign.

To save a number together with a name

1. Scroll to *Phonebook*, **YES**, *Add number*, **YES**.
2. Select *Add new?* or any of the numbers from the list by pressing **YES**.
3. Enter the phone number that you want to save and press **YES**.
4. Enter a name that you want to associate with the phone number and press **YES**. See “Entering letters and characters” on page 14.
5. Press **YES** again to save the entry in the suggested position.

Pictures and personal rings

You can add a picture to a phonebook entry.

If your subscription includes the Calling Line Identification (CLI) service, you can assign a personal ring signal to a caller.



To add a picture to a phonebook entry

1. Scroll to *Phonebook*, **YES**, *Pictures*, **YES**.
2. Select *Add new?*, press **YES**.

3. Press **←** to go to the phonebook, **YES**.
4. This takes you to *Pictures*. Select a picture and press **YES**.

To add a ring signal to a phonebook entry

1. Scroll to *Phonebook*, **YES**, *Personal rings*, **YES**.
2. Select *Add new?*, press **YES**.
3. Press **←** to go to the phonebook, **YES**.
4. This takes you to *Personal rings*. Select a ring signal and press **YES**.

Calling a number saved in the phonebook

You use the *Find and call* function to call a number that you have saved in the phonebook.

To call a number saved in the phonebook

1. Press **↓** until the *Find and call* menu appears.
2. Enter the name or the first few letters of the name (sort order by name) associated with the number that you want to call. If the name displayed is not the one you want, press **↑** or **↓** until you find the correct name and number.
3. Press **YES** to make the call.

Speed dialling

You can call the phone numbers that you have saved in positions 1–9 by entering the position number in standby, and then pressing **YES**.

Example:

Press **(3)** and then **YES**.

Shortcuts to phonebook entries

When in standby, you can find an entry of the keys **(2)** – **(9)** to find an entry beginning with the first letter on that key, or the closest following.

Example:

Press and hold **(4)** to get to the first entry beginning with the letter “G” (or the closest following). Then scroll up or down, using **↑** or **↓**. When you find the entry you want, press **YES** to make the call.

Ask to save

If *Ask to save* is on, you are asked if you want to save any called or answered number that is not already saved in your phonebook.

Note: *Your subscription must support the Calling Line Identification Service, if you want to save answered numbers.*

To turn the Ask to save function on or off

1. Scroll to *Phonebook*, **YES**, *Options*, **YES**, *Ask to save*, **YES**.
2. Select *On* or *Off* and press **YES**.

Keeping the phonebook up to date

You can change and delete names and numbers from the phonebook.

To edit an entry

1. Scroll to *Phonebook*, **YES**, *Find and edit*, **YES**.
2. Enter the name (or the first few letters) for the entry that you wish to edit and press **YES**.
3. Press **YES** to select the entry.
4. Select *Edit* and press **YES**.
5. When you have finished editing, press **YES** to save your changes.

To delete an entry from the phonebook

1. Scroll to *Phonebook*, **YES**, *Find and edit*, **YES**.
2. Enter the name (or the first few letters) for the entry that you wish to delete and press **YES**.

When the entry you want to delete is highlighted, press **YES**.

3. Press **YES** to confirm.

Sort order

You may change the sort order of your phonebook entries, so that they are sorted according to their position number instead of the name. This means that you search for the position number when you use the *Find and call* or the *Find and edit* functions.

To choose a sort order

1. Scroll to *Phonebook*, **YES**, *Options*, **YES**, *Sort order*, **YES**.
2. Select a sort order and press **YES**.

Phonebook memories

Your phonebook entries are saved in the memory on your SIM card. The number of entries you can save depends on your SIM card. By saving your entries on the SIM card, you still have access to them if you use the card with another phone.

You can also save your entries in the phone memory. The phone memory holds a number of positions in which your entries are saved when all

SIM positions are occupied. If you save your entries in the phone memory, you still have access to them if you use another SIM card with your phone.

Choosing where to save an entry

When you save an entry and are asked to enter the position number, you can do the following:

- To save the number in the first empty position suggested, press **YES**.
- To save the number in another position, press **C** to delete the position number, enter a new position number and press **YES**.
- To save the number in the phone memory, you first need to know how many positions you have got on your SIM card. You can check this in the *Memory status* menu, see page 31. If, for example, you have 200 positions on your SIM card, you can enter position number 201 to save a number in the first position of the phone memory.

Replacing entries

If you try to save a phone number in a position which already contains a phone number, the message *Replace?* appears together with the name saved in that position. You now have two options:

- Press **YES** to replace the number with the new one.
- Press **NO** if you do not want to replace the old number. Enter a new position and press **YES**.

Checking the status of the memory

You can check how many memory positions you have in your memories and how many of them you have used.

To check the status of the memories

Scroll to *Phonebook*, **YES**, *Memory status*, **YES**.

If you have saved entries in the phone memory, you can delete them.

To delete all entries from the phone memory

1. Scroll to *Phonebook*, **YES**, *Options*, **YES**, *Delete all*, **YES**.
2. Press **YES** again. If you delete all entries from the phone memory, the entries on your SIM card are not deleted.

Copy phonebook entries

You can copy the phonebook entries between your phone's memory and the SIM card. The number of entries that can be saved depends on the type of SIM card.

To copy entries to the SIM card

Scroll to *Phonebook*, **YES**, *Options*, **YES**, *Copy all to SIM*.

To copy entries to the phone

Scroll to *Phonebook*, **YES**, *Options*, **YES**, *Copy from SIM*.

Groups

You can create a group of phonebook entries. You can then send a text message to all members of that group at the same time. See "Text messages (SMS)" on page 45.

To create a new group

1. Scroll to *Phonebook*, **YES**, *Groups*, **YES**, *Add new?*, **YES**.
2. Enter a name for the group and press **YES**.
3. Scroll to *Add new?* and press **YES**.
4. Select an entry in your phonebook and press **YES**.
5. To add the next member, repeat steps 3 and 4.
6. Press **NO** to leave the menu.

To add a member to an existing group

Select the group you want and then select *Edit*, **YES**, *Add new?*, **YES**.

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 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 a voice mail number

Scroll to *Messaging*, **YES**, *Options*, **YES**, *Voice mail no.*, **YES**.

Call time

During a call, the duration of the call is shown in the display.

You can check the duration of your last call, outgoing calls and the total time.

To check the call time and reset timer

- Scroll to *Calls*, **YES**, *Time and cost*, **YES**, *Call timers* and select an option, **YES**.
- Select *Reset timers* to reset the call time meter.

Call cost

For cost information you need to check with your network operator or service provider if you can subscribe to such a service, where call cost (or the number of call units) is displayed.



Cost information

If you have a subscription with a cost information service, you can check the cost of your last call and the total cost of your calls.

Note: *If you subscribe to cost information, you must enter your PIN2 to clear the cost or time counter.*

To check the call cost and reset cost meter

- Scroll to *Calls*, **YES**, *Time and cost*, **YES**, *Call costs* and select an option, **YES**.
- Select *Clear total cost* to reset the call cost meter.

Setting the call cost

You can use the Tariff function to specify the price per call unit. If you do not specify a price per call unit, the number of call units is displayed.

To enter the price per call unit

1. Scroll to *Calls, YES, Time and cost, YES, Call costs, YES, Set tariff, YES*.
2. Enter your PIN2, **YES**.
3. Select *Change tariff, YES*.
4. Enter the code for the currency you want, (for example GBP for Pounds Sterling), **YES**.
5. Enter the price per call unit, **YES**.
To enter a decimal point, press **(*)**.

Credit limit for calls

You can enter a total amount of money that can be used for making calls. When the amount reaches zero, no more calls can be made. Please note that the credit limit is only an estimated value.

To set a credit limit

1. Scroll to *Calls, YES, Time and cost, YES, Call costs, YES, Set credit, YES*.
2. Enter your PIN2, **YES**.

3. Select *Change, YES*.

4. Enter an amount, **YES**.
See "Security" on page 56 for more information about PIN2.

Diverting calls

If you cannot answer incoming voice or data calls, you can divert them to another number, for example your answering service.



Note: When the Restrict calls function is on, some Divert calls options cannot be activated.

For voice calls, you can choose between the following divert alternatives:

- *Divert always* – divert all voice calls.
- *When busy* – divert calls if you are already on the phone.
- *Not reachable* – divert calls if your phone is turned off or if you are unreachable.
- *No reply* – divert calls that you do not answer within a specified time limit (operator-dependent).

To turn on a call divert

1. Scroll to *Calls*, **YES**, *Manage calls*, **YES**, *Divert calls*, **YES**.
2. Select a call category and then a divert alternative, **YES**.
3. Select *Activate*, **YES**.
4. Enter the phone number to which you want your calls to be diverted and press **YES**, or retrieve it from the phonebook.

To turn off a call divert

Select a divert alternative and select *Cancel*.

To check status

1. Scroll to *Calls*, **YES**, *Manage calls*, **YES**, *Divert calls*, **YES**.
2. Select a call type, **YES**.
3. Scroll to the divert you want to check, **YES**. Select *Get status*, **YES**.

To check the status of all call diverts

Select *Check all* in the *Divert calls* menu.

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. You cannot answer a third call without ending one of the first two calls.



Note: *During a call the Ongoing call menu replaces the Calls 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 *Calls*, **YES**, *Manage calls*, **YES**, *Call waiting*, **YES**.

To make a second call

1. Press **YES** to put the ongoing call on hold. You can only put one call on hold.

2. Enter the number you want to call and press **YES**, or retrieve a number from the phonebook. You can also reach different options by pressing **(*)**.

To receive a second call

- To answer the second call and put the ongoing call on hold, press **YES**.
- To reject the second call and continue the ongoing call, press **(*)**, select *Busy*.
- To answer the second call and to end the ongoing call, press **(*)**, select *Release&answer*.

Handling two calls

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

- Press **YES** to switch between the two calls.
- Press **(*)** and select *Join calls* to join the two calls into a conference call.
- Press **(*)** and select *Transfer call* to connect the two calls. You are disconnected from both calls.
- Press **NO** to end the ongoing call, then press **YES** to retrieve the held call.
- Press **NO** twice to end both calls.

Conference calls

You can have a joint conversation (conference call) with up to five people. You can also put a conference on hold and make another call.



Note: *There may be additional charges for calls involving multiple parties. Contact your service provider for more information.*

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*, **YES**, *Join calls*, **YES**.

To add a new participant

1. Press **YES** to put the conference call on hold.
2. Call the next person you wish to include in the conference call.
3. Press **(*)**, select *Join calls*, **YES**.
Repeat steps 1 to 3 to include more participants.

To release a participant

1. Press , select *Release part*, **YES**.
2. Select the participant, **YES**.


To end the conference call

Press **no**.

Having a private conversation

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

To start a private conversation

1. Press , then select *Extract part* to select the participant that you want to talk with.
2. Select *Join calls* to resume the conference call, again.

Restricted dialling

You can use the restrict calls service to restrict outgoing and incoming calls. This may be useful, for example, when you are abroad. To use this service, you need a password which you get from your service provider.

Note: *If you divert incoming calls, you cannot activate some Restrict calls options.*

The following calls can be restricted:

- *All outgoing* – All outgoing calls.
- *Outgoing intl* – All outgoing international calls.
- *Outg. intl roam* – All outgoing international calls except to your home country.
- *All incoming* – All incoming calls.
- *Inc. when roam* – All incoming calls when you are abroad (when roaming).

To turn a call restriction on or off

1. Scroll to *Calls*, **YES**, *Manage calls*, **YES**, *Restrict calls*, **YES**.
2. Select an option, **YES**.
3. Select *Activate or Cancel*, **YES**.
4. Enter your PIN, **YES**.

Fixed dialling

The fixed dialling function allows calls to be made only to certain numbers saved on the SIM card.

Note: *Calls to international emergency numbers can still be made, even when the fixed dialling function is on.*

Fixed dialling requires a SIM card that allows fixed numbers to be saved. The fixed numbers are protected by your PIN2.

You can save partial numbers or numbers with question marks.

- Partial numbers: Saving 0123456 allows calls to be made to all numbers starting with 0123456.
- Numbers with question marks: Saving 01234567?0, allows calls to be made to numbers from 0123456700 to 0123456790. To enter a question mark, press and hold **9**.

To turn fixed dialling on or off

1. Scroll to *Phonebook*, **YES**, *Options*, **YES**, *Fixed dialling*, **YES**.
2. Enter your PIN2, **YES**.
3. Select *On* or *Off*, **YES**.

To save a fixed number

1. Scroll to *Phonebook*, **YES**, *Special numbers*, **YES**, *Fixed numbers*, **YES**.
2. Select *Add new?* and enter 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 group

1. Scroll to *Calls*, **YES**, *Manage calls*, **YES**, *Closed groups*, **YES**, *Edit list*, **YES**.
2. Scroll to *Add new?*, **YES**.
3. Enter the name of the user group, **YES**.
4. Enter the index number, **YES**. You get the index number from your operator.

To activate a group

1. Scroll to *Calls*, **YES**, *Manage calls*, **YES**, *Closed groups*, **YES**, *Edit list*, **YES**.
2. Select a group, **YES**.
3. Select *Activate*, **YES**. Calls can only be made within the selected group.

To call outside a Closed User Group

Select *Open calls* and then 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 *Calls, YES, Manage calls, YES, Accept calls, YES, Accepted list, YES.*
2. Scroll to *Add to list?, YES.*
3. Select an option, **YES.**
4. Select an entry, **YES.**

To select an accept option

Scroll to *Calls, YES, Manage calls, YES, Accept calls, YES, Accept options, YES.*

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. This is called roaming.

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 and clear tones

- Press the number keys 0-9, ***** and **#**.
- To clear the display after a call, press **NO**.


Notepad

You can use the phone to make a note of a phone number during a call. When you press the number keys, the person you are talking to hears tone signals. To turn these tone signals off during the call, press **END**, select *Turn off tones, YES*. When you end the call, the number remains in the display. You can then call the number by pressing **YES**.

Showing or hiding your number

If your subscription supports the Calling Line Identification Restriction (CLIR) service, 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.
2. Press  or scroll to *Calls, YES, Next call, YES*.
3. Select *Hide my number* or *Show my numb.* and press **YES** to make the call.

Setting up WAP

WAP browser

Requirements

In order to use the Internet or browse via WAP services, the following are required:

- A phone subscription that supports data transmission.
- Settings entered in your phone. Settings may already be entered when you buy your phone or you can receive settings in a text message from your network operator or service provider. You can also find settings at www.SonyEricsson.com.
- You may also have to register as a WAP user with your service provider or network operator.



Receiving settings in a text message

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

Request settings from Sony Ericsson

Use a PC to go to www.SonyEricsson.com. Select your region and then use the *Configurators* to

request that a text message be sent to your phone with the settings you need.

To install settings

When the message arrives, *New settings received Install?* appears:

- Press **YES** to install the new settings. If settings already exist in your phone you can either keep or replace them. See “Advanced setting information” on page 40.
- Press **NO** to cancel installation.

After installation, see “Using WAP” on page 50.

Set up with the wizard

If your phone is not set up for WAP, you can ask your network operator or service provider to provide you with WAP settings information. Then you can simply use the wizard in your phone to help guide you through the relevant settings.

To use the wizard for setting up WAP

1. Scroll to *WAP services*, **YES**, homepage (for example *Sony Ericsson*), **YES**. The wizard now starts if no WAP settings exist.
2. Enter and save settings when asked, press **YES** to confirm.

Advanced setting information

Some advanced settings that are described in the following texts are not necessarily mandatory, please consult your network operator or service provider for more information.

A **data account** includes connection settings for access to a server at your service provider, for example via WAP or via e-mail.

A **WAP profile** includes user settings that allow WAP browsing.

To use the WAP browser, via a WAP service provider, you need settings for a specific **data account** for WAP, and a **WAP profile**.

To send a text message (SMS) to an e-mail address via your network operator, you need to set an e-mail gateway phone number.

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).



Tip: *If there are no data account or WAP profile settings in your phone, you can enter data account settings when you enter WAP profile settings.*

You can choose from *GPRS data* or *GSM data* account types. If you want to change access type, you have to create a new data account and select the access type you want to use.

Note: *Please contact your network operator for charging details.*

GPRS

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



Note: *You need a subscription that supports GPRS.*

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 address* – if the network does not provide the IP address to the DNS server automatically, you may enter it here.
- *Advan. settings* (Advanced settings) – these are optional. Consult your network operator.

GSM

GSM settings include some settings that are similar to GPRS settings and some that are GSM specific as follows:



- *Phone number* – the phone number of your Internet service provider.

- *Data rate* – select the speed you want for the connection.
- *Dial type* – select analogue or ISDN connection.

To create a data account manually

1. Scroll to *Connectivity*, **YES**, *Data comm.*, **YES**, *Data accounts*, **YES**, *Add account?*, **YES**.
2. Select an account type for access.
3. Enter a name for the data account.
4. Enter the settings that you have received from your network operator or service provider.
Confirm each setting by pressing **YES**.
5. Scroll to *Save?*, **YES**.

To edit a data account

1. Scroll to *Connectivity*, **YES**, *Data comm.*, **YES**, *Data accounts*, **YES**.
2. Select a data account, **YES**.
3. Select *Edit*.
4. Select the setting you want to edit, **YES**. Edit the setting, **YES**.
5. Repeat step 4 for other settings you want to edit.

Preferred service

You can set GPRS or GSM as the preferred service.

Note: *To see the status of GPRS coverage and connection, in standby, look at the triangle above the signal strength indicator. If the triangle is filled GPRS is available, otherwise it is not.*

To select preferred mode

Scroll to *Connectivity*, **YES**, *Data comm.*, **YES**, *Pref. service*, **YES**, and select *GPRS and GSM* or *GSM only*.

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 40.

2. Scroll to *WAP services*, **YES**, *Options*, **YES**, *WAP profiles*, **YES**.
3. Select *Add profile?* to add a new profile or select an existing profile that you want to edit, **YES**.

To enter information in a new profile

When selecting *Add profile?* enter a name for the profile, **YES**, *Connect using:*, **YES**, select the data account to be used, **YES** and enter the *IP address:*, **YES**. A list appears. Scroll to *Save?*, **YES**.

To edit an existing profile

When selecting an existing profile, you can do the following:

- *Rename* – Change the name of the profile.
- *Connect using* – Select data account.
- *IP address* – WAP gateway server address.
- *Advanced* – More profile settings, see below.
- *Delete* – Remove the profile.

To use advanced profile settings

If you select *Advanced* you can do the following:

- *Chg homepage* – Enter the address of the WAP site you want as the homepage.

- *Second account* – Select an alternative data account, if the first in *Connect using* fails.
- *User id* – Enter your user id for the WAP gateway.
- *Password* – Enter your password for the WAP gateway.
- *Security* – See WAP security settings.
- *Show pictures* – View pictures while browsing.

WAP security settings

Your phone has support for WAP secure browsing. Security for a connection between a WAP gateway and a WAP service provider is the responsibility of the WAP service provider.



Turning on security

When you turn on security, the connection between your phone and the WAP gateway is secure.

To turn on a secure connection

1. Scroll to *WAP services*, **YES**, *Options*, **YES**, *WAP profiles*, **YES**.
2. Select the profile to be used, **YES**.
3. Select *Advanced*, **YES**, *Security*, **YES**.
4. Select *On*, **YES**.

Trusted certificates

To establish a secure connection when using certain WAP services, for example banking or WAP shopping, you need certificates in your phone.

The different types of certificates are as follows:

- **Server certificates** are used to identify a WAP gateway to the phone and to show that it is certified by a trusted authority. The server certificate is checked against trusted certificates that are stored in the phone. If the phone cannot verify the identity of a server, you are given the options to terminate or continue the connection.
- **Trusted certificates** are used to verify the WAP gateway that you are trying to connect to. Your phone may already contain trusted certificates when you buy it. You can also download trusted certificates from Sony Ericsson or other WAP pages.

To check the certificates in your phone

1. Scroll to *WAP services*, **YES**, *Options*, **YES**, *Common*, **YES**, *Security*, **YES**, *Trusted certif.*, **YES**.

Messaging

Text messaging

Service numbers

The number to your service centre is provided by your operator. If the number to your service centre is not saved on your SIM card, you must specify the number yourself. Otherwise you cannot reply to received messages or send your own messages.



Your phone also features enhanced messaging services (EMS) that allow you to add pictures, animations, sounds and melodies to text messages.

To check the number to your service centre

1. Scroll to *Messaging*, **YES**, *Options*, **YES**, *Service centres*, **YES**. If no number is found, select *Add new?* and press **YES**.
2. Enter the number, including the international + sign and country code, and press **YES**.

Text messages (SMS)

You can use the Short Message Service (SMS) to send and receive text messages consisting of up to 160 characters.

Note: *Some language-specific characters use more space. Turn off National char. to save space. See "The list of options" on page 16.*

To send a text message

1. Scroll to *Messaging*, **YES**, *Write new*, **YES**.
2. Enter your message and press **YES**. See "Entering letters and characters" on page 14.
3. Enter the recipient's phone number or retrieve it from the phonebook by pressing **←**.
4. Press **YES** to send the message.

To insert an item in a text message

1. Scroll to *Messaging*, **YES**, *Write new*, **YES**.
2. While writing your message press **⏏** to enter the option menu.
3. Select *Add symbol* or *Insert item*, **YES**.
4. Select *Picture*, *Sound effect*, *Melody* or *Animation*, **YES**.
5. Select an object or symbol, **YES**. Then press **YES** again to confirm.

Sending a text message to a group

You can send text messages to groups that you have specified and saved in your phonebook, see "Groups" on page 31. You will be charged for each group member.

To send a text message to a group

1. Scroll to *Messaging*, **YES**, *Write new*, **YES**.
2. Enter your message and press **YES**.
3. Press **←**, select *Groups* and press **YES**.
4. Select a group and press **YES**.

Text formatting

You can change the style, size and alignment of the text in a text message.

To format the text in a text message

1. Scroll to *Messaging*, **YES**, *Write new*, **YES**.
2. Write the text message.
3. Press **⏏**.
4. Select *Text format*, **YES**. Then select *Text size*, *Text style* or *Alignment*, **YES**. Select a format and press **YES**.

Long messages

A text message can contain up to 160 characters. You can send a longer message by linking two or more messages. Please note that you are charged for the number of linked messages.

To turn long messages on

Scroll to *Messaging, YES, Options, YES, Long messages, YES, On, YES.*

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.

- *SMS type* – The phone supports different types of messages. Your service provider may offer the facility of converting a text message into a format (e-mail, 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 centre can save the message to send it later.

- *Request reply* – 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 message option

1. Scroll to *Messaging, YES, Options, YES.*
2. Select *SMS type, Validity period, Request reply, or Status request, YES.*
3. Select an option from the list, *YES.*

To turn set on send on or off

Repeat steps 1 and 2 above, then select *Set on send, YES.*

Templates

If you have one or more messages that you send often, you can save these as templates. You can save 20 templates consisting of up to 60 characters each.

Your phone may come with a set of templates that your operator or service provider has prepared for you. These templates appear in the list of templates, indicated by an icon.

To create a template

1. Scroll to *Messaging*, **YES**, *Templates*, **YES**, *Add new?*, **YES**.
2. Enter the message and press **YES** to save the template.

To use a template

Select a template from the *Templates* list in the *Messaging* menu, and proceed as described in “To send a text message” on page 45.

Message counter

You can check the number of text messages that you have sent.

To check the number of sent messages

Scroll to *Calls*, **YES**, *Time and cost*, **YES**, *SMS counter*, **YES**, *Show counter*.

To reset the message counter

Scroll to *Calls*, **YES**, *Time and cost*, **YES**, *SMS counter*, **YES**, *Reset counter*.

Receiving a message

When you receive a message, the phone beeps and the message *New messages* appears in the display.

If the sender of the message wants you to reply, the message *Reply requested Reply?* appears in the display. Press **YES** again to reply. If you do not want to reply, press **NO**.

To read the message now

1. Press **YES**.
2. Use the rocker key to scroll through the message. When you have read the message, press **YES**. A new menu with different options appears. These options are described on the following pages.

To read the message later

Press **NO** to save the message in your *Inbox* in the *Messaging* menu.

To reply to a message

1. When you have read the message, press **YES**.
2. Select *Reply* in the option list and press **YES**.

3. Select the message you want to send as a reply and press **YES**. You can choose between: *Write new*, *Include this msg* or *Templates*.
4. Write your message and press **YES**.

To forward a message

1. When you have read the message, press **YES**.
2. Select *Forward* and press **YES**.
Continue in the same way as when sending a new text message.

To call a phone number found in a message

When the number is highlighted, press **YES**.

To call the sender of the message

1. When you have read the message, press **YES**.
2. Select *Call* and press **YES**.

To read the next message

1. When you have read the message, press **YES**.
2. Select *Read next* and press **YES**.

To delete a message

1. When you have read the message, press **YES**.
2. Select *Delete* and press **YES**.

Saving incoming messages

Incoming messages are saved in the phone memory. When both the phone memory and the SIM memory is full, a flashing envelope in the display indicates that you have to empty the inbox to be able to receive new messages.

If the phone memory becomes full of unread messages, new messages are automatically saved on the SIM card. Messages that are saved on the SIM card remain there until you delete them.

To save a message on the SIM card

1. When you have read the message, press **YES**.
2. Select *Save on SIM* and press **YES**.

Area information

The ordinary Short Message Service is a personal service that carries your private messages. Area Information is another type of text message that is sent to all subscribers in a certain network area.



This information could, for example, be a local traffic report or the phone number of a local taxi company.

Area information usage

Please refer to the information provided by your operator for more information about the area information codes.

To turn area information on or off

1. Scroll to *Messaging, YES, Area info, YES, Reception.*
2. Select *On* or *Off* and press **YES**.

To enter an area information code

1. Scroll to *Messaging, YES, Area info, YES, Message list, YES, Add new?, YES.*
2. Enter the new code and press **YES**.

Receiving an area message

When you receive an Area Information message, the message automatically appears in the display. You read the message in the same way as you read an ordinary text message. You cannot save area messages. When you have read the message and press **YES** or **NO**, it is deleted.

Cell information

The “Cell information channel” is used by some network operators for sending messages to their subscribers within a certain network area. You read messages on the Cell information channel in the same way as when reading area messages.

To turn the Cell information channel on

Scroll to *Messaging, YES, Area info, YES, Cell information, YES* and then select *On*.



Using WAP

WAP browser, bookmarks

Your phone has a WAP (Wireless Application Protocol) browser which is designed to bring a modified Internet to your mobile phone. A wide range of services are available, for example, news, entertainment, timetables, reservations, banking, e-commerce, positioning and e-mail.



Before you start

First make sure that you have:

- A phone subscription that supports data transmission.
- Correct settings in your phone for WAP. See "Setting up WAP" on page 39.
- Registered as a WAP user with your network operator or service provider.

Using the WAP browser


Settings may already be entered when you buy the phone. Otherwise you can receive the settings from your network operator or your service provider in a text message.

To start browsing


First select the WAP profile you want to use. Scroll to *WAP services*, **YES**, *Select profile*, **YES**. Then select one of the following:

- Open your homepage, for example, Sony Ericsson.
- Go to one of your bookmarks. Select *Bookmarks*, **YES**.
- Enter the address of a WAP site. Select *Enter address*, **YES**, *New address?* to enter a new WAP address or select one of the 10 latest entered addresses. When you enter a WAP address, the normal `http://` prefix is not needed.

To exit WAP and disconnect

- Press and hold **NO** or
- Press , select *Exit WAP*.

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 contains the following:

- Go to the homepage set for the current WAP profile. If you select an e-mail address when browsing a WAP site, you can reply with a text message.
- *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.
- *Save picture* – Save a picture from the site.
- *Send via SMS* – Send a text message with a link to the current WAP page to another phone.
- *Send link* – Send a link to the current site to another phone via infrared.
- *Reload* – Refresh the contents of the WAP page.
- *Exit WAP* – Disconnect and go to standby.
- *Status* – Display current status information, for example, profile, access type, connection time, data rate, security, address.
- *Set as homepg* – Set the current site as the homepage of the WAP profile you are using.
- *Edit* – Edit the name and/or the WAP address of the bookmark.
- *Delete* – Delete the bookmark.
- *Send* – Send a link to the current WAP address via infrared.

Using bookmarks

You use bookmarks in your mobile phone just as you do with a PC Internet browser. You can have up to a maximum of 25 bookmarks.

To work with bookmarks

1. Scroll to *WAP services*, **YES**, *Bookmarks*, **YES**.
2. Select the bookmark you want to work with, . Select *Go to*, *Edit*, *Delete*, *Send via SMS*, *Send*, or *Set as homepg* and press **YES**.

Downloading

You can download, for example, pictures and ring signals, from WAP sites directly to your phone.

Note: *Make sure the file sizes do not exceed the free memory in your phone, see “Memory status” on page 57 for more information.*

To download more content

1. Scroll to *Fun & Games*, **YES**, *Download*, **YES**.
2. Select what you want to download and follow the instructions that appear, **YES**.

To download from wap.SonyEricsson.com

1. Scroll to *WAP services*, **YES**, *Bookmarks*, **YES**, *Sony Ericsson*, **YES**.
2. Select what you want to download and follow the instructions that appear, **YES**.

WAP push messages

You can receive push messages via WAP Services. This means that a service provider sends WAP content (information) 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 and select *Load*.
- 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

Scroll to *WAP services*, **YES**, *Options*, **YES**, *Common*, **YES**, *Push access*, **YES** and select one of the following settings:

- *On* – You allow push messages to be automatically loaded.
- *Prompt* – You allow push messages, but only when you confirm.
- *Off* – You do not allow push messages.

To respond to a push message

Scroll to *WAP services*, **YES**, *Push inbox*, **YES**, scroll to any push message, **YES** and select one of the following:

- *Load* – The browser starts and loads the WAP site so that you can see the push content.
- *Delete* – Deletes the push message.
- *Postpone* – Save the message, to be loaded later.

Stored information

The following information can be saved in your phone:

- *Cache* – improves memory efficiency.
- *Passwords* – improves server access efficiency.
- *Cookies* – improves site access efficiency.

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.

Note: See "WAP security settings" on page 43 for more information regarding security and certificates.

To allow WAP information in your phone

1. Scroll to *WAP services*, **YES**, *Options*, **YES**, *Common*, **YES**.
2. Select the information to allow, **YES**.

To clear cache, password list, cookies or push inbox

1. Scroll to *WAP services*, **YES**, *Advanced*, **YES**.
2. Select the information to be cleared.
3. Press **YES** to confirm.

More features

Alarm clock, stopwatch, calculator, calendar, games

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 signals ring. The alarm clock also rings if the phone is turned off.

To set an alarm

1. Scroll to *Organizer*, **YES**, *Alarms*, **YES**, *Alarm* or *Recurrent alarm*, **YES**.
2. Enter the time, **YES** and day, if recurrent, by scrolling and pressing **(*)**, **YES**.

To change the alarm time

1. Scroll to *Organizer*, **YES**, *Alarms*, **YES**, *Alarm*, **YES**, *New time*, **YES**.
2. Press any key to turn the alarm signal off when it rings. If you do not want the alarm to be repeated, press **YES**.

To cancel the alarm

Scroll to *Organizer*, **YES**, *Alarms*, **YES**, *Alarm* or *Recurrent alarm*, **YES**, *Cancel*, **YES**.

To select an alarm signal

Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**, *Alarm signal*, **YES**.

Stopwatch

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

To use the stopwatch

Scroll to *Organizer*, **YES**, *Stopwatch*, **YES**, then press:

C to reset (when stopped).

to save up to nine lap times.

YES to start, stop or re-start.

NO to stop.

↑ or **↓** to check saved lap times.

Calculator

The phone has a built-in calculator, which can add, subtract, divide and multiply.

Note: *The accuracy of the calculator function is limited.*

To use the calculator

1. Scroll to *Organizer*, **YES**, *Calculator*, **YES**.

2. Enter digits with the keypad, then press:

to get +, -, x, /.

C to delete the figure.

***** to enter a decimal point or %.

YES to calculate a result, equals to (=).

↑ to save to memory.

↓ to retrieve from memory.

Timer

The phone has a 24-hour timer.

To set the timer

Scroll to *Organizer*, **YES**, *Timer*, **YES**. When the signal rings, press any key to turn it off.

Calendar

In the calendar you can add tasks for things that you have to remember. The tasks can be edited or deleted.

To add a task

1. Scroll to *Organizer*, **YES**, *Calendar*, **YES**.
2. Select *Add task?*, **YES**.
3. Enter a description, **YES**.
4. Enter the start/end dates and times, **YES**.
5. Scroll to *Continue?*, **YES**.
6. Set a reminder, if required, or select *None* and press **YES** to save.

To set the reminder

Select any of the predefined values or select *Other reminder*, and enter the alarm date, **YES** and the alarm time. Press **YES** to save the task.

To view a task

1. Scroll to *Organizer*, **YES**, *Calendar*, **YES**.
2. Select *View today*, *View all tasks*, *View week*, or *View month*. Press **YES**.

To delete a task

Scroll to the task that you want to delete, press **C**.

To delete all tasks

Scroll to *Organizer*, **YES**, *Calendar*, **YES**, *Delete all*, **YES**.

To edit a task

1. When the task is displayed, press **YES**.
2. Select *Edit*, **YES**.
3. Edit the task, **YES**, edit the date, **YES**, edit the reminder, **YES**.

Games

Your phone has several entertaining games. Game controls are specified with help for each game.

To start a game

1. Scroll to *Fun & Games*, **YES**, *Games*, **YES**.
2. Select a game, **YES**.
3. Select *New game* or *Resume game*, **YES**.
4. Start the game.

Security

SIM card lock, phone lock

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.

PIN and PUK code

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.

As you enter your PIN, the digits are hidden with an *. However digits are shown if your PIN starts with the same digits as an emergency number, for example 112. This is so that you can see and call an emergency number without entering a PIN. See "Emergency calls" on page 25 for more information.

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.
2. Enter your PUK and press **YES**.
3. Enter a new four- to eight-digit PIN and press **YES**.
4. Re-enter the new PIN to confirm and press **YES**.

To edit your PIN

Scroll to *Settings, YES, Locks, YES, SIM lock, YES, Change PIN, YES*. 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.

PIN2

Certain services are protected by a second PIN.

To edit your PIN2

Scroll to *Settings, YES, Locks, YES, SIM lock, YES, Change PIN2, YES*.

To turn the SIM card lock on or off

1. Scroll to *Settings, YES, Locks, YES, SIM lock, YES, Protection, YES*.
2. Select *On* or *Off*, and press **YES**.
3. Enter your PIN and press **YES**.



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.

Note: *The phone lock code must be entered to use Master reset. See "Master reset" on page 23 for more information.*

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 followed by **YES** 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 set the phone lock

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

Editing the phone lock code

It is important that you remember your new code. If you should forget it, you have to hand in your phone to your local Sony Ericsson retailer.

To edit your phone lock code

Scroll to *Settings*, **YES**, *Locks*, **YES**, *Phone lock*, **YES**, *Change code*, **YES**.


Memory status

Check for example, how many positions are left in your phonebook or how much memory is used.

To check the memory of the phonebook

Scroll to *Phonebook*, **YES**, *Memory status*, **YES**.

To check the memory for themes, pictures, sounds, games

Scroll to *Fun & Games*, **YES**, select one of the menus, **YES**, , select *Memory status*, **YES**.

To check memory for text messages


Scroll to *Messaging*, **YES**, *Memory status*, **YES**.

Memory full

Free memory by deleting unused files or information.

To delete saved files or information

Some factory default files and information cannot be deleted.

- Select a file or information, press , **YES**.
- Select a submenu option or advanced option to delete.

Troubleshooting

Why doesn't the phone work the way I want?

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

Hand-held phone

Recharge or replace the battery. See “SIM card and battery information” on page 6.

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 set the following from standby:

- Press **← 0000 →** for English menus.
- Press **← 8888 →** for automatic, local menus.

Grey menu options

Grey 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.



Since you cannot send pictures and sounds that are copyright-protected, the *Send* menu is sometimes unavailable.

Error messages

Insert SIM

There is no SIM card in the phone, it may need cleaning or you may have inserted it incorrectly. See “SIM card and battery information” on page 6.

Insert correct SIM card

The phone is set to work only with certain SIM cards. Insert the correct SIM card.

Inactive SIM

The SIM card is not activated. Contact your network operator for more information.

SOS 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, for example, the international emergency number 112. See “Emergency calls” on page 25.

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, and press **YES**. See “SIM card lock” on page 56.

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 56.

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 56.

PUK blocked- contact 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 57.

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 57.

Number not permitted

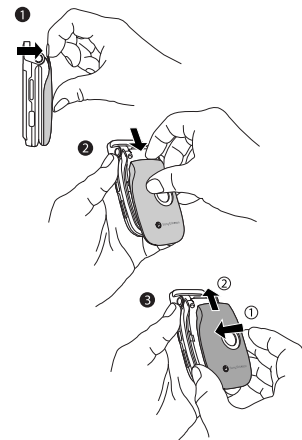
The Fixed Dialling function is on and the number you have dialled is not on your fixed numbers list. See “Fixed dialling” on page 36.

Additional information

Safe and efficient use, warranty, declaration of conformity

Exchangeable front covers

You can replace the front cover.



To change the front cover

1. Gently pull the front cover away, starting from the top of the phone.
2. Slide the front cover and lift it off the phone.
3. Insert the notches of the new front cover into the corresponding slots on the phone. Slide and push the front cover up until it locks into place.

Sony Ericsson Consumer web site



On www.SonyEricsson.com there is 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.

Guidelines for Safe and Efficient Use

Please read this information before using your mobile phone.



RECOMMENDATIONS

- Always treat your product with care and keep it in a clean and dust-free place.
- Do not expose your product to liquid or moisture or humidity.
- Do not expose your product to extreme high or low temperatures.

- Do not expose your product to open flames or lit tobacco products.

- Do not drop, throw or try to bend your product.
- Do not close your phone with an object inserted between keypad and display; this may cause damage to the phone.
- Do not paint your product.
- Do not use your product near medical equipment without requesting permission.
- Do not use your product when in, or around aircraft, or areas posted "turn off two-way radio".

- Do not use your product in an area where a potentially explosive atmosphere exists.
- Do not place your product or install wireless equipment in the area above your car's air bag.
- Do not attempt to disassemble your product. Only Sony Ericsson authorised personnel should perform service.



ANTENNA

Only use an antenna that has been specifically designed by Sony Ericsson for your mobile phone. Use of unauthorised or modified antennas could damage your mobile phone and may violate regulations, causing loss of performance and SAR levels above the recommended limits (see below).

EFFICIENT USE

Hold your mobile phone as you would any other phone. Do not cover the top of the phone when in use, as this affects call quality and may cause the phone to operate at a higher power level than needed, thus shortening talk and standby times.

RADIO FREQUENCY (RF) EXPOSURE AND SAR

Your mobile phone is a low-power radio transmitter and receiver. When it is turned on, it emits low levels

of radio frequency energy (also known as radio waves or radio frequency fields).

Governments around the world have adopted comprehensive international safety guidelines, developed by scientific organizations, e.g. ICNIRP (International Commission on Non-Ionizing Radiation Protection) and IEEE (The Institute of Electrical and Electronics Engineers Inc.), through periodic and thorough evaluation of scientific studies. These guidelines establish permitted levels of radio wave exposure for the general population. The levels include a safety margin designed to assure the safety of all persons, regardless of age and health, and to account for any variations in measurements.

Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a mobile phone. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the mobile phone while operating can be well below this value. This is because the mobile phone is designed to use the minimum power required to reach the network.

Variations in SAR below the radio frequency exposure guidelines do not mean that there are variations in safety. While there may be differences in SAR levels among mobile phones, all Sony Ericsson mobile phone models are designed to meet radio frequency exposure guidelines.

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 (that is, at the ear and worn on the body) as required by the FCC for each model. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body without any metal parts in the vicinity of the phone or when used with the original Sony Ericsson body worn accessory intended for this phone. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

A separate leaflet with SAR information for this mobile phone model is included with the material that comes with this mobile phone. This information can also be found, together with more information on radio frequency exposure and SAR, on: www.SonyEricsson.com.

DRIVING

Please check if local laws and regulations restrict the use of mobile phones while driving or require drivers to use handsfree solutions. We recommend that you use only Ericsson or Sony Ericsson handsfree solutions intended for use with your product. Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use

of mobile phones in their vehicles unless a handsfree kit with an external antenna supports the installation.

Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions so require.

PERSONAL MEDICAL DEVICES

Mobile phones may affect the operation of cardiac pacemakers and other implanted equipment. Please 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 (6 inches) 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.

For other medical devices, please consult the manufacturer of the device.

CHILDREN

DO NOT ALLOW CHILDREN TO PLAY WITH YOUR MOBILE PHONE OR ITS ACCESSORIES. THEY COULD HURT THEMSELVES OR OTHERS, OR COULD ACCIDENTALLY DAMAGE THE MOBILE PHONE OR ACCESSORY. YOUR MOBILE PHONE OR ITS ACCESSORY MAY CONTAIN SMALL PARTS THAT COULD BE DETACHED AND CREATE A CHOKING HAZARD.



DISPOSING OF THE PRODUCT

Your mobile phone should not be placed in municipal waste. Please check local regulations for disposal of electronic products.



POWER SUPPLY

Connect the AC power adapter only to designated power sources as marked on the product. Make sure the cord is positioned so that it will not be 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. Never alter the cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician

EMERGENCY CALLS

Mobile phones operate using radio signals, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any mobile phone for essential communications (e.g. medical emergencies).

Emergency calls may not be possible on all cellular networks or when certain network services and/or mobile phone features are in use. Check with your local service provider.

BATTERY USE AND CARE

We recommend that you fully charge the battery before you use your mobile phone for the first time. The battery can only be charged in temperatures between +5°C (+41°F) and +45°C (+113°F).

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 mobile phone. If the mobile phone is used near a base station, less power is required and talk and standby times are prolonged.

- **Warning!** May explode if disposed of in fire.
- Use only Ericsson or Sony Ericsson branded original batteries and chargers intended for use with your mobile phone. Other chargers may not charge sufficiently or may produce excessive heat. Using other batteries and chargers could be dangerous.
- Do not expose the battery to liquid.
- Do not let the metal contacts on the battery touch another metal object. This could short-circuit and damage the battery.
- Do not disassemble or modify the battery.
- Do not expose the battery to extreme temperatures, never above +60°C (+140°F). For maximum battery capacity, use the battery in room temperature.



- Turn off your mobile phone before removing the battery.
- Keep out of children's reach.
- Use the battery for the intended purpose only.
- Do not allow the battery to be put into the mouth. Battery electrolytes may be toxic if swallowed.
- Do not close your phone with an object inserted between keypad and display; this may cause damage to the phone.



DISPOSING OF THE BATTERY

Please check local regulations for disposal of batteries or call your local Sony Ericsson Customer Care Center for information.



The battery should never be placed in municipal waste. Use a battery disposal facility if available.

Limited Warranty

Sony Ericsson Mobile Communications AB, S-221 88 Lund, Sweden, (Sony Ericsson), provides this Limited Warranty for your mobile phone and original accessory delivered with your mobile phone (hereinafter referred to as "Product").

Should your Product need warranty service, please return it to the dealer from whom it was purchased, or contact your local Sony Ericsson Customer Care

Centre (national rates may apply) or visit www.SonyEricsson.com to get further information.

Our warranty

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

What we will do

If, during the warranty period, this Product fails to operate under normal use and service, due to defects in design, materials or workmanship, Sony Ericsson authorised distributors or service partners, in the country/region* where you purchased the Product, will, at their option, either repair or replace the Product in accordance with the terms and conditions stipulated herein.

Sony Ericsson and its service partners reserve the right to charge a handling fee if a returned Product is found not to be under warranty according to the conditions below.

Please note that your personal settings/downloads might be lost when the Product is repaired or replaced.

Conditions

1. The warranty is valid only if the original proof of purchase issued to the original purchaser by an,

for this Product, Sony Ericsson authorised dealer, specifying the date of purchase and serial number**, is presented with the Product to be repaired or replaced. Sony 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 Sony 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 parts or components will become the property of Sony 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 the Sony Ericsson instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, software or hardware modification or adjustment, acts of God or damage resulting from liquid.
4. Since the cellular system on which the Product is to operate is provided by a carrier independent from Sony Ericsson, Sony Ericsson will not be responsible for the operation, availability, coverage, services or range of that system.

5. This warranty does not cover Product failures caused by installations, modifications, or repair or opening of the Product performed by a non-Sony Ericsson authorised person.
6. The warranty does not cover Product failures which have been caused by use of accessories or other peripheral devices which are not Ericsson or Sony Ericsson branded original accessories intended for use with the Product.
7. Tampering with any of the seals on the Product will void the warranty.
8. THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SONY ERICSSON OR ITS LICENSORS 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 damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you.

The warranty provided does not affect the consumer's statutory rights under applicable legislation in force, nor the consumer's rights against the dealer arising from their sales/ purchase contract.

*** European union (EU)**

If you have purchased your Product in an EU country you can have your Product serviced, under the conditions set out above, within the warranty period in any EU country where an identical Product is sold by an authorised Sony Ericsson distributor. To find out if your Product is sold in the EU country you are in, please call the local Sony Ericsson Customer Care Centre. Please observe that certain services may not be possible elsewhere than in the country of original purchase, for example due to the fact that your Product may have an interior or exterior which is different from equivalent models sold in other EU countries. It may not be possible to repair SIM-locked Products.

** In some countries/regions additional information is requested. If so, this is clearly shown on the valid proof of purchase.

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.



Declaration of Conformity

We, **Sony Ericsson Mobile Communications AB of Nya Vattentorget S-221 88 Lund, Sweden.**

declare under our sole responsibility that our product

Sony Ericsson type AAB-1021021-BV

and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards 3GPP TS 51.010-1, EN 301489-7, EN 60950, following the provisions of, Radio Equipment and Telecommunication Terminal Equipment directive **99/5/EC** with requirements covering EMC directive **89/336/EEC**, and Low Voltage directive **73/23/EEC**.

Lund, June 2003

 **CE 0682**

Hiroshi Yoshioka, Head of Product Business Unit GSM/UMTS

We fulfil the requirements of the R&TTE Directive (**99/5/EC**).








Icons

What do the icons mean?

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

Icon	Description
------	-------------

Main menus

- | | |
|---|--|
|  | Your personal phonebook. |
|  | Handling of text (SMS) and voice messages. |
|  | Handling of outgoing/incoming calls, call time and cost information. |
|  | Handling of pictures, sounds and themes. Play games. |
|  | Personal settings including profiles, display, language, time and locks. |
|  | Gives you access to WAP services on the Internet. |
|  | Events, alarm clock and other extras. |

Icon Description



Receive items via infrared, networks, data communications settings and accessories.



Create your own menu for the functions you use most often.

Standby



Tells you the strength of the GSM network signal.



GPRS is within range, but can not be used.



GPRS is within range and can be used.



Tells you the status of the battery.



You cannot receive any incoming calls.



You have missed an incoming call.



All incoming calls are diverted to a defined number.



No calls or only certain calls from numbers in a list are received.

Icon Description



All signals are off.



The alarm clock has been set and is on.



The timer has been set and is on.



A profile other than Normal has been chosen.



The card lock is on or a secure WAP connection is established.



You have received a text message.



You have received a voice message.



You have received a WAP push message.



The infrared port is on.








Infrared communication is in progress.






A GPRS session is in progress.



Icon Description

-  Ciphering is currently not being provided by the network.
-  The network is preferred and can be used.
-  The network is forbidden and cannot be used.
-  Your home network is within range and can be used.
-  An ongoing call.










Phonebook

-  You can enter the phonebook by pressing .
-  A picture is connected to a phonebook entry.


Messaging

-  A text message is saved on the SIM card.
-  A voice message has not been checked.


Icon Description


-  A message has not been read.
-  A message has been read.
-  A damaged message.
-  The message has not been sent.
-  The message has been sent.
-  A message has been delivered or read by the recipient.
-  A sent message has expired or been rejected by the recipient.
-  Pre-defined message template (not editable).
-  User-defined message template.

Calls


-  A missed call in the call list.


Icon	Description
------	-------------

	An answered call in the call list.
---	------------------------------------

	A dialled number in the call list.
---	------------------------------------

Fun & Games

	A standard melody saved in <i>My sounds</i> .
---	---

	A polyphonic melody saved in <i>My sounds</i> .
---	---

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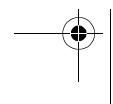
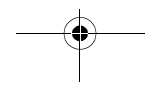
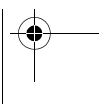
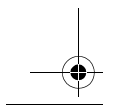
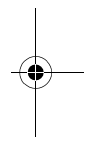
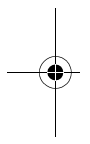
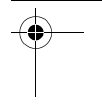
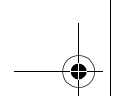
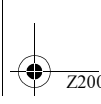
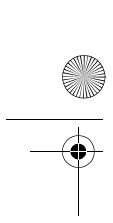
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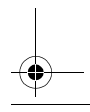
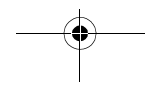
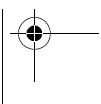
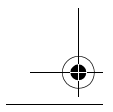
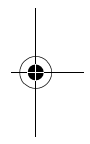
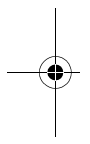
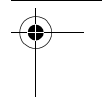
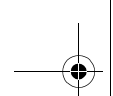
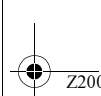
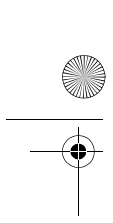
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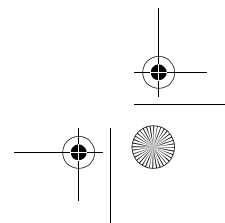
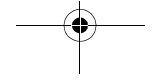
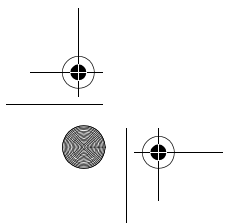
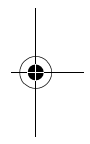
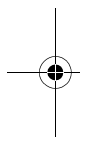
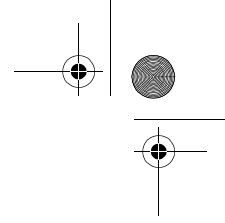
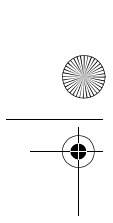
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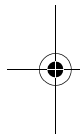
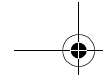








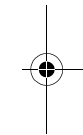
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