Contents

Sony Ericsson T310
GSM 900/1800/1900

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

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

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 phone book information, among other things.

Tip: *Verify that your information is saved to the SIM card before you remove it from another phone. For example, phone book entries may be saved in the phone memory.*
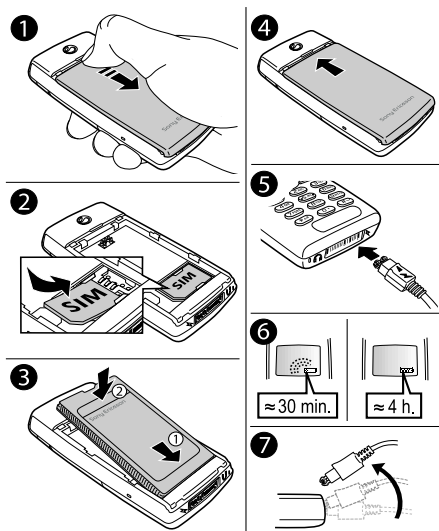
Assembly
Before you can use your phone you need to:
• Insert the SIM card.
• Attach and charge the battery. See "SIM card and battery information" on page 6.

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

SIM card and battery information

You must insert the SIM card and charge the battery before you can use the phone.


It may take up to 30 minutes before an icon appears when charging.

1. Remove the back cover by sliding it open and lifting it away from the phone.
2. Insert the SIM card. Make sure the SIM card is placed under the silvery holders.
3. Place the battery on the back of the phone with the connectors facing each other.
4. Place the back cover into the slots on the phone and slide it into place.
5. Connect the charger to the phone at the flash symbol with the symbol on the charger plug facing upwards.
6. It may take up to 30 minutes before the battery charging icon appears in the display.
   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 or the joystick to activate the display.
7. Remove the charger by tilting the plug upwards.

Note: *A red light shows the battery charging status: steady when charging with the phone off and flashing when charging is required.*

Turning on the phone

Welcome

PIN:

My Network

▂▄▆ 12:18 ▭

On/off
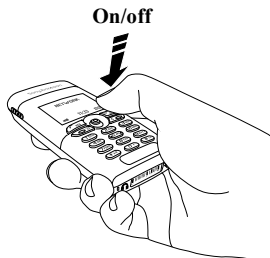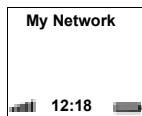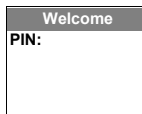
To turn on the phone
- Press and hold **NO** until you hear a tone.
- Enter your PIN (Personal Identity Number), if you have one for your SIM card.
  Your PIN is provided by your network operator.

Note: *Not all operators require a PIN to activate services.*

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

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 28 for more information.

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.*

Making and receiving calls

To make and receive calls
- Enter the area code and phone number, and press **YES** to make the call.
- Press **NO** to end the call.
- When the phone rings, press **YES** to answer the call.

Getting to know your phone
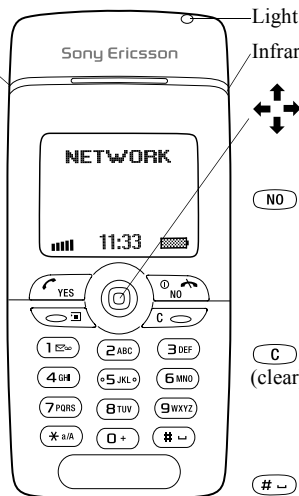
Key functions

Volume key	Increase/decrease the earpiece volume during a call. Scroll through menus, lists and text. Enter the Status menu in standby. Slide twice to reject an incoming call. Slide once to turn off the ring signal when receiving a call.	

Light — Battery charging status.

Infrared — Exchange data via the IR port.

↑ ← → ↓ Press the joystick up, down, left or right to move through the menus, lists and texts. Press the joystick as an alternative to YES.

NETWORK

11:33

YES — Make and answer calls. Select a menu, submenu or an option.

▣ — Press for options, help. Press and hold for WAP.

1–9, 0 — Enter digits, 0–9, and letters. Press and hold 0 to enter the international prefix +. Move through menus using shortcuts.

✳a/A — Enter *. Shift between lower/upper case.

NO — Press and hold to turn the phone on or off (in standby) or to go back to standby mode from menus. Press to end, reject a call, go back one level in the menus or leave an option unchanged.

C (clear) — Delete numbers, letters or an item from a list. Press and hold to turn off the microphone (during calls) or turn off sound or lock the keypad (standby menu).

⌴ — Enter # or a space.

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 joystick or ← or →
enter *Call contact*	press ↑ or ↓
enter *Call list*	press **YES**
call your voicemail	press and hold ①
enter the + sign	press and hold ⓪
turn off the ring signal when receiving a call	press ⓒ, or slide the volume key up or down once
set the phone to silent or lock the keypad, options	press and hold ⓒ or press ▣, **YES**
reach a contact beginning with a specific letter	press and hold any of the keys ② - ⑨

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**
find a contact in the *Call contact* list	press and hold →
use the first setting in *My shortcuts*	press and hold ←
enter the Status menu to see today's date, the profile in use and the model name of the phone	slide the volume key up or down
change the language to *Automatic*	press ← **8888** →
change the language to English	press ← **0000** →
reject a call	quickly slide the volume key up or down twice when receiving a call or press **NO**

To...	During a call:
put a call on hold	press **YES**
retrieve a call	press **YES** again
turn off the microphone	press and hold $\boxed{C}$

To...	When in the menus:
move through menus or lists	use the joystick or slide (and hold) the volume key up or down
enter a quick options menu or help, if available.	press $\boxed{\equiv}$
delete an item	press and hold $\boxed{C}$ when in lists
go back to standby	press and hold **NO**

To...	When entering letters using multitap text input:
shift between capital and lower-case letters	press $\boxed{*a/A}$, then the letter
enter numbers	press and hold any of the number keys

To...	When entering letters using multitap text input:
enter a question mark	slide the volume key up and press $\boxed{1}$
enter the **@**-sign	slide the volume key down and press $\boxed{0}$
enter a space	press $\boxed{\#\smile}$
delete letters and numbers	press $\boxed{C}$
shift between multitap or T9 Text input methods	press and hold $\boxed{*a/A}$
shift between input languages and other character or numeric input methods	press and hold $\boxed{\#\smile}$

To...	When entering letters using T9™ Text Input:
view alternative words	press ↑ or ↓
accept a word and add a space	press $\boxed{\#\smile}$
enter a full stop	press $\boxed{1}$

To...	When entering letters using T9™ Text Input:
view alternative punctuation marks	press ①, then ↑ or ↓ repeatedly
shift between capital and lower-case letters	press ⊛a/A, then the letter
enter numbers	press and hold any of the number keys
delete letters and numbers	press ©
shift between multitap or T9 Text input methods	press and hold ⊛a/A
shift between input languages and other character or numeric input methods	press and hold #⌐

To...	When entering numbers:
enter a *p* (pause)	press and hold ⊛a/A when entering a pause in a number or melody.

Using shortcuts

A quicker way to move through the menus is to use shortcuts. Enter the menus by pressing ← or → and then simply press the joystick to enter the menu. You can also enter the number of the menu to which you want to go. 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 25.

Help texts

More information, explanations or tips about selected menus or functions are available in your phone.

To get help

1. Select the menu or function and press ▤.
2. Select *Help* (if available), **YES**.

Delete, edit and rename

If you add items, for example, a contact, an event or a WAP bookmark, it can be deleted, edited or renamed.

There are two ways to delete items:
• Select an item and press ©.

• 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 *Connect* menu.

To enter your new menu system
• Scroll to *Connect*, **YES**, *Online services,* **YES**.

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.*

Menu overview

(1) Phone book

1 Call contact
2 Add contact
3 Manage contact
4 Pictures
5 Personal rings
6 Special numbers
7 Advanced
8 Options
  Find and send*

(2) Messages

1 Text
2 Multimedia
3 Call voice mail
4 E-mail
5 Chat
6 Area info
7 Options

(3) Calls

1 Missed calls
2 Call list
3 Manage calls
4 Time & cost
5 Next call
6 Options
  Calling local**
  Switch to line 1**
  Switch to line 2**

or Ongoing call*

1 Record*
2 Turn off tones*
3 Hold call*
4 Switch calls*
5 Release active*
6 Join calls*
7 Transfer call*
8 Release all*
  Extract part*
  Release part*
  Parties in conf.*
  Calls*

Note:
(1) Main menu numbering does not appear.
1 Menu numbering may change with certain functions or services.
*Only available during a call or conference call.
**Network- and subscription-dependent.

(4) Fun & Games

1 Games
2 My pictures
3 My sounds
4 Themes
5 Download**
6 Composer
7 Sound recorder
8 CommuniCam

(5) Settings

1 Sounds & alerts
2 Profiles
3 Display
4 Language
5 Time & date
6 Locks
7 Handsfree
8 Master reset

(6) WAP Services

1 Sony Ericsson
2 Bookmarks
3 Push inbox
4 Enter address
5 Resume
6 Select profile
7 Advanced
8 Options

(7) Organizer

1 Events
2 Alarms
3 Timer
4 Stopwatch
5 Calculator

(8) Connect

1 Infrared port
2 GSM Networks
3 Data comm.
4 Accessories
  Online services**

(9) My shortcuts

1 Select profile
2 Ring volume
3 Switch to line 1**
4 My numbers
5 Edit shortcuts

Entering letters and characters

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

Apart from the way you normally enter letters in your phone, using multitap text input, you can use **T9™ Text Input** for entering text messages and e-mail, for example, 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 (✳a/A) 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.

Multitap text input

When saving names in the phone book or when writing WAP addresses, you enter letters using multitap text input. You press each key as many times as needed to show the letter you want. The following example shows how to write a name in the Phone book.

To enter letters using multitap text input

1. Scroll to *Phone book*, **YES**, *Add contact*, **YES**, **YES** again.
2. Press the appropriate key, (1) – (9), (0) or (#⌐), repeatedly until the character you want appears.
   You can view the characters in the row that appears briefly at the top of the display when you press a key.

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

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 ì 4

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

Example:
- To enter an '**A**', press 2 once.
- To enter a '**b**', quickly press 2 twice.
- To shift between capital and lower-case letters, press *a/A, then enter the letter.

Tip: *You can also use the volume key as a shortcut to certain letters: To enter a '**B**', slide the volume key up and hold it whilst pressing 2. To enter a '**C**', slide the volume key down and hold it whilst pressing 2.*

T9™ Text Input

You can use T9™ Text Input when writing, for example, text messages and e-mail. The T9™ Text Input method uses a built-in dictionary to recognize the most commonly used word for each sequence of key presses. This way, you press each key only once, even if the letter you want is not the first letter on the key.

Note: *A language must be selected to be able to use the T9™ Text Input method.*

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

To enter letters using T9™ Text Input
1. Scroll to *Messages*, **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.

3. Scroll ↓ to select *Jane*.

4. When the list is shown, select from the following:
- press → or **YES** to accept without a space or
- press (#⌣) to accept and add a space.

If the candidates do not include a word you want, you can add a new word to the list whilst selecting.

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 "Sending text messages" on page 52.

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 (✱a/A) to select an input method for the text you are currently writing.*

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 joystick.
- *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* – Show the input language selected earlier.
- *Input method* – A list of input methods available for the current input language is shown.
- *Candidates* – For T9™ Text Input only
  Turn on/off the alternative words list.
- *Help*.

To turn T9™ Text Input on or off
- Scroll to *Settings*, **YES**, *Language*, **YES**, *T9 input,* **YES** or press and hold (✱a/A) when writing.

Note: *Changing Settings/Language/T9 input is valid for all input of texts – not only for the text you are currently writing.*

Personalizing your phone

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

Note: *If you change a setting which is included in a profile, the active profile is also changed. See "Profiles" on page 25.*

Themes

You can change the appearance of the display, for example, the colors and background picture, by using themes. Your phone comes with a number of preset themes. You cannot delete these, but you can create new themes and download them to your phone. For more information, visit *www.SonyEricsson.com or wap.SonyEricsson.com/.*

To select a theme

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

Exchanging themes

You can send and receive a theme via IR and a multimedia message or download it via WAP. For more information on sending themes in messages, see

"The infrared (IR) port" on page 26 or "Messaging" on page 51.

To send a theme

1. Scroll to *Fun & Games*, **YES**, *Themes*, **YES**.
2. Select a theme, press ▤.
3. Select *Send*, **YES**.
4. Select a transfer method, **YES**.

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

To receive and save a theme

1. From standby, press ▤, scroll to *Activate IR*, **YES**.
2. When you receive the theme, press **YES** to save it in *Themes*.
   You can also save a theme from an incoming multimedia or e-mail message. See "Messaging" on page 51.

Note: *If you need to adjust the display contrast, scroll to Settings*, **YES**, *Display*, **YES**, *Contrast,* **YES**.

Pictures

Your phone comes with a number of pictures. You can:
- Set a picture as a background when in standby mode.
- Set a picture as a screen saver.
- Assign a picture to a contact in the phone book. When that person calls, the picture appears in the display (provided your subscription supports Caller ID service). See "To add a picture to a phone book contact" on page 30.
- Enclose a picture in a text message.
- Send a picture via IR, Text, Multimedia or e-mail.

All pictures and are saved in *Fun & Games*/ *My pictures*.

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.

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**.

Note: *Animations for multimedia messages can be viewed in My pictures. Animations for text messages can only be viewed when inserting an item in a text message. See "To insert an item in a text message" on page 52.*

To view your camera pictures (if connected)
- Scroll to *Fun & Games*, **YES**, *CommuniCam*, **YES** or
- Scroll to Connect, **YES**, Accessories, **YES.**

To select a picture as background
1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Background*, **YES**.
2. Select *Select picture*, **YES**.
3. Select a picture, **YES**.

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

To turn the background picture On or Off
- Scroll to *Settings*, **YES**, *Display*, **YES**, *Background*, **YES**, *Activate,* **YES**.

Exchanging pictures
You can send pictures via IR, Text, Multimedia or e-mail and receive via IR, Text or Multimedia. For more information on sending pictures in messages, see "Messaging" on page 51.

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

To send a picture
1. Scroll to *Fun & Games*, **YES**, *My pictures* or *CommuniCam*, **YES**.

Note: *The CommuniCam™ menu is only available when the CommuniCam™ is attached.*

2. Select a picture, **YES**. Press ⬚.
3. Select *Send*, **YES**.
4. Select a transfer method.

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

• When you receive a picture via a message, a new message appears in your Inbox. Highlight the picture in the message by moving the joystick to select it, press ⬚ and select *Save* to save in *My pictures*.

Screen saver
The phone has a screen saver, which is activated automatically when the phone has been in idle mode for a few seconds. After a short period of time the screen saver changes to sleep mode, to save power.

To turn the screen saver On or Off
• Scroll to *Settings*, **YES**, *Display*, **YES**, *Screen saver*, **YES**, *Activate,* **YES**.

To use a picture as the screen saver
You can select a picture, saved in the phone, and use it as the screen saver.
1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Screen saver*, **YES**.
2. Scroll to *Select picture*, **YES**.
3. Scroll to the picture you want to use as the screen saver, **YES**.
4. Press **YES** to save.

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

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 85 for more information. You can create and edit standard melodies, and send them to a friend, in a text or multimedia message. You can also exchange standard melodies via IR or download them via WAP.

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

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.

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

To turn the ring signal on or off

• Press ⬚ or press and hold ⬚Ⓒ from standby and select *Turn on silent* or *Turn off silent*.
All signals except the alarm and timer signals are turned off.

To compose a ring signal or melody

1. Scroll to *Fun & Games*, **YES**, *Composer*, **YES**.
   • Press a key to enter a note.
   • Press ⑧ or ⑨ to make the note shorter or longer. There are six different lengths of notes.
   • Press ⓪ to change octave.
   • Press # ﹣ once to lower the note one semi-tone.
   • Press # ﹣ twice to raise the note one semi-tone.
   • Press ⬚ to add a melody effect, and to set the tempo, volume, style and duration.
   • Press Ⓒ to remove notes.
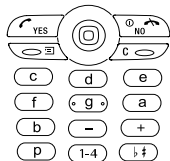
2. To listen to your melody, press **YES**.

3. Press **YES** again to save and name it, or press **NO** to continue composing.

Note: *To edit a melody, scroll to Fun & Games, **YES**, My sounds, **YES**, select the melody and press ▭.*

To use the piano

1. In the *Composer*, slide the volume key up to activate the piano.

2. Use the joystick to move between the keys.

3. Press **YES** to select a note.

4. Slide the volume key down to deactivate the piano.

See "Icons" on page 85.

Exchanging melodies

You can send and receive a sound or melody via IR, text or multimedia messages, or download it via WAP.

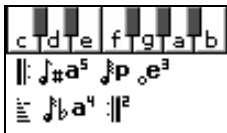**Note:** *You cannot exchange a polyphonic melody via text messages.*

To send a melody

1. Scroll to *Fun & Games*, **YES**, *My sounds*, **YES**.

2. Select a melody and press ▭.

3. Select *Send*, **YES**.

4. Select a transfer method.

Note: *To send a ring signal or melody in a text message, see "To insert an item in a text message" on page 52.*

To receive a sound or melody

1. From standby, press ▭, scroll to *Activate IR*, **YES**.

2. When you receive the sound or melody, press **YES** to save it in *My sounds*.
You can also save a sound from an incoming multimedia or e-mail message. See "Messaging" on page 51.

Increasing ring

You can choose a ring signal that rises in steps from the lowest volume to the highest.

To turn increasing ring On or Off

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

Specific ring signals for personal calls

If you subscribe to the Two Line Service, you can set different ring signals for the two voice lines. *Line 1* and *Line 2* are displayed instead of *Voice calls*.

If your subscription includes Caller ID service, you can assign a personal ring signal to numerous callers.

To set a specific ring signal for a caller
1. Scroll to *Phone book*, **YES**, *Personal rings*, **YES**, *Add new?*, **YES**.
2. Enter the first letter of the contact name, **YES**.
3. Select a contact, **YES**.
4. Select a ring signal, **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 one of the following:
- *On* – all the time.
- *On if silent* – on when the ring volume is turned off or when you have set the phone to silent.
- *Off* – all the time.

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

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.

Menu language

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

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

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

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: *The display light consumes extra battery power and reduces standby time, if set to On.*

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 always displayed in standby.

To set the time
• Scroll to *Settings*, **YES**, *Time & date*, **YES**, *Set time,* **YES**.

You can choose a 12-hour clock or a 24-hour clock.

To set the time format
• Scroll to *Settings*, **YES**, *Time & date*, **YES**, *Time format,* **YES**.

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

Date
When the phone is in standby mode, you can slide the volume key up or down to see today's date in the Status menu. Press **NO** or wait to return to standby.

To set the date and/or date format
• Scroll to *Settings*, **YES**, *Time & date,* **YES**.

Advanced time settings
Under *Advanced* in the *Settings*/*Time & 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 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**.

User greeting
When you turn your phone on or off, the Sony Ericsson greeting appears. Your network operator's own greeting may be shown instead.

To select a greeting
1. Scroll to *Settings*, **YES**, *Display*, **YES**, *User greeting*, **YES**.
2. Select a greeting, **YES**.

### My phone numbers
You can check your own phone number(s).

To check your phone number
• Scroll to *Phone book*, **YES**, *Special numbers*, **YES**, *My numbers,* **YES**. If your number is not saved on your SIM card, you can enter it yourself.

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

To lock the keypad manually
• Press (🔲) or press and hold (C) in standby, and select *Lock keypad*, **YES**.

The keypad remains locked until you answer an incoming call or until you unlock the keypad manually.

Note: *Calls to the international emergency number 112 can still be made, even when the keypad is locked.*

To unlock the keypad
• Press (C), **YES** to unlock the keypad.

Automatic keypad lock
Automatic keypad lock means the keypad locks a short while after you last press a key.

To turn automatic keypad lock *On* or *Off*
• Scroll to *Settings*, **YES**, *Locks*, **YES**, *Auto keylock,* **YES**.

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

To add a function to my shortcuts
1. Scroll to *My shortcuts*, **YES**, *Edit shortcuts*, **YES**.
2. Select a function from the list by pressing $(\overline{* a/A})$.
3. Enter the position number you want for this function in your menu and press **YES**.
4. Press **YES** to 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 such as the ring signal are turned off.

Note: *Accessories may change the selected profile in your phone automatically. For example, when using a portable handsfree the profile switches from Normal to Port h-free. 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**.

You can reset all profile settings to the default or the way they were set when you bought your phone; for example, *Normal*.

To reset all profiles
• Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Reset profiles,* **YES**.

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

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 contacts, messages and
other personal data, such as games that you may have
downloaded, select *Reset all* instead.

Note: *If you select Reset all, some pictures, melodies
and templates which came with your phone are
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, it is automatically activated for 10 minutes.
The infrared port can be activated in the following
ways:
- Press ⬚ from standby, scroll to *Activate IR*, **YES**.
- Scroll to *Connect*, **YES**, *Infrared port*, **YES**, select an
  option, **YES**.
- When selecting a transfer method, for example when
  sending a picture.

Note: *Infrared ports must be facing each other at a
distance of up to 20 cm (7 to 8 inches) when used.*

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

Calling

Before you can make or receive any calls, you must turn on the phone and be within range of a network. See "Making and receiving calls" on page 7.

Making calls
1. Enter the area code and the phone number.
2. Press **YES** to make the call.
3. Press **NO** to end the call.

Tip: *You can call numbers from the call list and the phone book. See "Call list" on page 29 and "Phone book" on page 29.*

To change the earpiece volume during a call
• Slide the volume key on the side of the phone up or down to increase or decrease the earpiece volume.

To turn off the microphone during a call
• Press and hold ⓒ until the display shows *Muted*. Press ⓒ again to resume the conversation.

Note: *The microphone must be turned on to change the earpiece volume during a call.*

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

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

The phone redials the number (up to ten times) or until:
• The call is connected.
• You press a key or receive a call.

Note: *Automatic redialing is not available for data calls.*

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

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

Emergency calls

To make an emergency call

• Enter 112 (the international emergency number), **YES**. Your phone supports the international emergency numbers, 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 be inserted, or in some cases, that a correct PIN be 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 view your local emergency numbers

• Scroll to *Phone book*, **YES**, *Special numbers*, **YES**, *Emergency nos.,* **YES**.

Receiving calls

When you receive a call, the phone rings and *Answer?* appears.

If your subscription includes Caller ID service and the caller's number is identified, the number appears. If you have saved the number in your phone book, the name and number appear.

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

To answer a call

• Press **YES**.

To reject a call

• Press **NO**.

Missed calls

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

To check your missed calls

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

Note: *The most recent missed call is first on the list, and the oldest call is last. Scroll ↓ to select and/or press ➡ to show the time if the call occurred on the same day. Otherwise, only the date appears for older missed calls.*

Call list
The numbers of the last 30 calls that you have made or received are saved in the call list. If your subscription includes Caller ID 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**.

Phone book

Contacts
You can save information needed to contact people in the phone book on your phone. These entries are saved as contacts in your phone's memory.
 You can save up to 250 contacts in your phone's memory. This depends on the amount of information in each contact. A contact must include a name and can include one or more of the following; a home, work, mobile phone number or an e-mail address.

SIM card
You can also copy contacts in the phone book to your SIM card and call from the SIM card. See "Copying contacts" on page 33 for more information.
 On your SIM card, entries are saved as a name with a single number. The total depends on the amount of memory available, see *Phone book/Advanced/Memory status*.

Note: *Contact your network operator or service provider for more information.*

To add a contact
1. Scroll to *Phone book*, **YES**, *Add contact*, **YES**.
2. Scroll to the field you want to fill in, press **YES**.
3. Enter the information, **YES**.
4. When you have entered the information, scroll to *Save and exit?*, **YES**.

Tip: *To enter an unsaved number, when you are in a number field, press* ← *and select a number from the unsaved numbers list,* **YES**.

Ask to save
The phone can prompt you to add the number of the last person you talked to, to your contacts.

To ask to save numbers in contacts
1. Select *Phone book*, **YES**, *Options*, **YES**, *Ask to save*, **YES**.
2. Select *On*, **YES**.

Pictures and personal rings
You can add a picture and personal ring signal to a contact.

To add a picture to a phone book contact
1. Scroll to *Phone book*, **YES**, *Pictures,* **YES**.
2. Enter the first letters of the contact, **YES**.
3. When the contact is highlighted, press **YES**.
   This takes you to *My pictures*. Select a picture and press **YES** twice.

• Select *Personal rings* to add a personal ring signal.

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

Tip: *You can also use the Call contact option in the Phone book menu to call a contact.*

To call from your SIM card
1. Scroll to *Phone book*, **YES**, *Advanced*, **YES**, *Call from SIM,* **YES**.
2. Press one of the number keys (2-9) to find a SIM card entry beginning with the first letter on that key (or closest following).
3. When the SIM card entry you want to call is highlighted, press **YES**.

Updating the phone book
When needed, you can easily update or delete any contact information.

To edit a contact
1. Scroll to *Phone book*, **YES**, *Manage contact*, **YES**, *Edit contact*, **YES**.
2. Enter the first letters of the contact, **YES**.
3. When the contact is highlighted, press **YES**.
4. Select *Edit info*, **YES.**
5. Scroll to the field you want to fill in, **YES**.
6. Enter the information, **YES**.
7. When you have entered the information, scroll down to *Save and exit?,* **YES**.

To delete a contact
• Scroll to *Phone book*, **YES**, *Manage contact*, **YES**, *Delete contact,* **YES**. Then select the contact and press **YES** twice.

To delete all contacts
• Scroll to *Phone book*, **YES**, *Advanced*, **YES**, *Delete all,* **YES**.

Note: *Numbers that are saved on the SIM card are not deleted.*

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

To set the default number
1. Scroll to *Phone book*, **YES**, *Manage contact,* **YES**, *Edit contact*, **YES**.
2. Enter the first letter of the contact, **YES**.
3. When the contact is highlighted, press **YES**.
4. Select *Default number*, **YES**. Select the number you want as default, **YES**.

Groups

You can create a group of contacts. By doing so you can send text messages to several recipients at the same time. See "Sending text messages" on page 52.

To create a group of contacts
1. Scroll to *Phone book*, **YES**, *Manage contact*, **YES**, *Groups*, **YES**, *Add group?*, **YES**.
2. Enter a name for the group, **YES**.
3. Select *Add member?*, **YES**.
4. Enter the first letters of the contact you want to add, press **YES**.
5. Press **YES** to select the contact.
6. Select a phone number, press **YES**.
7. Repeat steps 3-6 to add more members.

Business cards

You can add your own business card to the phone book.

To add your own business card
• Scroll to *Phone book*, **YES**, *Manage contact*, **YES**, *My card*, **YES**. Select *Add*, **YES**.

Exchanging business cards
You can exchange business cards via IR, text or multimedia messages.

To send your business card
1. Scroll to *Phone book*, **YES**, *Manage contact,* **YES**, *My card*, **YES**, *Send*, **YES**.
2. Select a transfer method, **YES**.

To receive a business card via IR
1. From standby, press ⬛, scroll to *Activate IR*, **YES**. When you receive the business card, press **YES**.
2. Press **YES** again to save the card in the phone book.

To save a business card in a multimedia message
1. Scroll to *Messages*, **YES**, *Multimedia*, **YES**.
2. Scroll to *Inbox*, **YES,** select the message, **YES**.
3. Scroll to the business card item, press **YES** to accept it.

To send a contact
1. Scroll to *Phone book*, **YES**, *Manage contact,* **YES**, *Send contact,* **YES**.
2. Enter the first letters of the contact you want to send, **YES**.
3. Press **YES** to select the contact.
4. Select transfer method, **YES**.

To send all contacts (via IR only)
• Scroll to *Phone book*, **YES**, *Advanced*, **YES**, *Send all*, **YES**.

Copying contacts
You can copy the names and numbers in your phone book between your phone's memory and the SIM card. The number of phone numbers that can be saved depends on the type of SIM card.

Note: *Be careful not to replace details by mistake when copying contacts.*

To copy names and phone numbers to the SIM card
• Scroll to *Phone book*, **YES**, *Advanced*, **YES**, *Copy to SIM*, **YES**.

Note: *Everything on the SIM card is replaced.*

If you insert a SIM card with saved names and phone numbers in your phone, you can call a person by selecting *Phone book*, **YES**, *Advanced*, **YES**, *Call from SIM,* **YES**. If you want to edit a name or phone number saved on the SIM card, you first need to copy it to the phone.

To copy names and phone numbers to the phone
• Scroll to *Phone book*, **YES**, *Advanced*, **YES**, *Copy from SIM,* **YES**.

Tip: *When you have selected a name in the **Call from SIM** menu, you can copy name and phone number to the phone by pressing ▤ and then selecting Copy to phone.*

Speed dialing
You can save the phone numbers that you want to reach easily in positions 1-9 on your SIM card.

To call any of these phone numbers from standby
• Enter the position number and press **YES**.

To change position numbers
1. Scroll to *Phone book*, **YES**, *Advanced,* **YES**, *Position list*, **YES**.
2. Select the phone number you want to move, **YES**.
3. Select the position to which you want to move the phone number, press **YES**.
4. When finished press **NO** to exit and then **YES** to save to SIM.

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

Receiving a voicemail message
Depending on your network operator, you are informed that someone has left a message by a text message or by a voicemail indication. Press **YES** to listen to the message.

Calling your voicemail service
You can easily call your voicemail service by pressing and holding ①, if you have saved your voicemail number in the phone. You get the number from your service provider.

To enter a voice mail number
• Scroll to *Messages*, **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
• Scroll to *Calls*, **YES**, *Time & 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 verify with your network operator or service provider whether you can subscribe to such a service, where call cost (or the number of call units) is displayed.

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.

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

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

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 & cost*, **YES**, *Call costs*, **YES**, *Set tariff*, **YES**.
2. Enter your PIN2, **YES**.
3. Select *Change*, **YES**.
4. Enter the code for the currency you want (for example USD for US Dollars), **YES**.
5. Enter the price per call unit, **YES**.
   To enter a decimal point, press (✳ a/A).

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 & 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 70 for more information about PIN2.

Forwarding calls
If you cannot answer incoming voice or data calls, you can forward them to another number, for example your answering service.
   For voice calls, you can choose between the following forwarding alternatives:
- *Always forward* – forward all voice calls.
- *When busy* – forward calls if you are already on the phone.
- *Not reachable* – forward calls if your phone is turned off or if you are unreachable.
- *No reply* – forward calls that you do not answer within a specified time limit (operator-dependent).

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

To turn on a call forward
1. Scroll to *Calls*, **YES**, *Manage calls*, **YES**, *Forward calls*, **YES**.
2. Select a call category and then a forwarding alternative, **YES**.
3. Select *Activate*, **YES**.
4. Enter the phone number to which you want your calls to be forwarded and press **YES**, or retrieve it from the phone book.

To turn off a call forward
• Select a forwarding option and select *Cancel*.

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

To check the status of all call forwards
• Select *Check all* in the *Forward 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.

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.
2. Enter the number you want to call and press **YES**, or retrieve a number from the phone book.

Note: *You can only put one call on hold.*

You can also reach different options by pressing ⬛.

Receiving 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 ⊡, then select *Join calls* to join the two calls into a conference call.
- Press ⊡, then 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.

Note: *You cannot answer a third call without ending one of the first two 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.
• Press ⌨, then select *Extract part* to select the
  participant that you want to talk with.
• Select *Join calls* to resume the conference call, again.

Two voice lines
Your phone may have two voice lines with
different phone numbers. This may be useful
if, for example, you want to keep business
calls and private calls on separate lines.

To select a line
• Scroll to *Calls*, **YES**, *Next call,* **YES**.

All outgoing calls are made on this line until you
change it. Incoming calls can still be received on either
line.
   You can change the names of the lines, and have
different settings for each line, for example, different
ring signals.

To change the name of a line
• Scroll to *Settings*, **YES**, *Display*, **YES**, *Edit line tags,*
  YES.

Calling card calls
You can use the calling card service to
redirect the cost of a call to a credit card or a
calling card account, instead of your normal
account. This may be useful, for example, when
making long distance calls.
You can save two separate calling card numbers. The
numbers and the codes associated with them are
protected by the code.
   Before making a calling card call, you need to select
and activate a card.

Note: *You cannot use the calling card service for
data calls.*

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To turn the calling card service on or off
1. Scroll to *Calls*, **YES**, *Time & cost*, **YES**, *Calling cards*, **YES**, *Use callingcards*, **YES**.
2. Enter your phone lock code, **YES**.
3. Select *On* or *Off*, **YES**.
See "Security" on page 70 for more information.

To save a card number
1. Scroll to *Calls*, **YES**, *Time & cost*, **YES**, *Calling cards*, **YES**, *My cards*, **YES**.
2. Enter your phone lock code, **YES**.
3. Select *Add new?*, **YES**.
Enter the card settings (the access number and name of the calling card server, and the verification code). You get this information from your card provider. Select which you want to send first – the number that you want to call, or the verification code. Press **YES** to confirm your choice.

To select a card
1. Scroll to *Calls*, **YES**, *Time & cost*, **YES**, *Calling cards*, **YES**, *My cards*, **YES**.
2. Enter your phone lock code, **YES**.
3. Select a card, **YES**.
4. Select *Activate card*, **YES**.

See "Security" on page 70 for more information.

To make a calling card call
1. Enter the phone number of the person you want to call, or retrieve the number from the phone book.
2. Press and hold **YES**.
The access number of the calling card server is called.
3. During the connecting phase, you are asked:
   • *Send called number?* Press **YES** to send the phone number you want to call.
   • *Send verification number?* Press **YES** to send the verification code.
Alternatively, if you wait a few seconds, the number and code are sent automatically.

Restricted dialing
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 forward incoming calls, you cannot activate some Restrict calls options.*

The following calls can be restricted:
- All outgoing calls – *All outgoing*.
- All outgoing international calls – *Outgoing Intl*.
- All outgoing international calls except to your home country – *Outg. intl roam*.
- All incoming calls – *All incoming*.
- All incoming calls when you are abroad (when roaming) – *Inc. when roam*.

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**.
   - To turn off all call restrictions, select *Cancel all*.
   - To change the password, select *Change passwd*.

Fixed dialing
The fixed dialing function allows calls to be made only to certain numbers saved on the SIM card. Fixed dialing requires a SIM card that allows fixed numbers to be saved. The fixed numbers are protected by your PIN2.

Note: *Calls to the international emergency number 112 can still be made, even when the fixed dialing function is on.*

- Partial numbers can be saved. For example, saving 0123456 allows calls to be made to all numbers starting with 0123456.
- Numbers with question marks can be saved. For example, saving 01234567?0, allows calls to be made to numbers from 0123456700 to 0123456790. To enter a question mark, press and hold $(\#\neg)$.

To turn fixed dialing on or off
1. Scroll to *Phone book*, **YES**, *Options*, **YES**, *Fixed dialing*, **YES**.
2. Enter your PIN2, **YES**.
3. Select *On* or *Off*, **YES**.

To save a fixed number
- Scroll to *Phone book*, **YES**, *Special numbers*, **YES**, *Fixed numbers,* **YES**. 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, provided your network operator has an agreement that allows you to do so. This is called roaming.

You can select the network you want to use, or you can add a network to your list of preferred networks. You can also change the order in which networks are selected during an automatic search.

To select network settings
1. Scroll to *Connect*, **YES**, *GSM Networks*, **YES**.
2. Select settings, **YES**.

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, (✳a/A) 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 (回), 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 Caller ID block, 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 (回) 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 and e-mail

In order to use the Internet, browse via *WAP services* or send and receive multimedia and e-mail messages, the following are required:

1. A phone subscription that supports data transmission.
2. Settings entered in your phone.
   • Settings may already be entered when you buy your phone.
   • You can receive settings in a text message from your network operator or service provider. Settings are also available at www.SonyEricsson.com/
   • You can enter settings by using the wizard.
   • You can enter or edit settings manually.
3. You may also have to register as a WAP/e-mail user with your service provider or network operator.

See *"More settings information" on page 46* for descriptions.

Note: *Some settings are not necessarily mandatory. Please consult your network operator or service provider for more information.*

Receiving settings in a text message
Your GSM network operator or Internet Service Provider may be able to send the required data account, WAP and e-mail settings direct to your phone in a text message.

To request settings from Sony Ericsson
1. Use a PC to go to *http://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.
2. When the message arrives, *New settings received. Install?* appears.
   • Press **YES** to install the new settings
   Note: *If settings already exist in your phone you can either keep or replace them. See "Entering or editing settings manually" on page 44.*
   • Press **NO** to cancel installation. A new request for settings is then required, as in step 1.
3. After installation, see "Using WAP" on page 62.

Setting 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.

Note: *The wizard is automatically turned on if no WAP settings exist in your phone and you start the browser.*

To set up with the wizard

1. Scroll to *WAP Services*, **YES**, homepage (for example *Sony Ericsson)*, **YES**. The wizard now starts if no WAP settings exist.
2. Press **YES** to create a new WAP profile.
3. Enter a name for the profile, **YES**.
4. Select *Connect using:*, **YES**.
5. Select *Add account?*, **YES**.
6. Select an account type, **YES**.
- If you select *GPRS data*, **YES** enter the following:
  - A name for the data account, **YES**.
  - *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.
- Select *Save?*, **YES** to save the new data account.
- Select the new data account to be used, **YES**.
- Select IP address: and enter the number, **YES**.
- Select *Save?*, **YES** to save the new profile.
- If you select *GSM data*, enter the following:
  - A name for the data account, **YES**.
  - *Phone number* – the phone number of your Internet Service Provider.
  - *User id* – your user ID to log on to the external data network.
  - *Password* – your password to log on to the external data network.
  - Select *Save?*, **YES** to save the new data account.
  - Select the new data account to be used, **YES**.
  - Select IP address: and enter the number, **YES**.
  - Select *Save?*, **YES** to save the new profile.

Entering or editing settings manually

You can manually enter or edit settings information from your network operator or service provider.

To create or edit settings manually

1. Scroll to *WAP Services*, **YES**, *Options*, **YES**, *WAP profiles*, **YES**,
2. Select *Add profile?* or edit an existing profile, **YES**. If no settings exist, you must enter data account (connection settings) as well as WAP profile settings.
   • Enter a name for the profile, **YES**.
   • Select *Connect using:*, **YES**, Add account?, **YES**.
   • See step 6 in "To set up with the wizard" on page 44.
3. Enter or edit settings until all required information is entered, **YES**.
4. Scroll to *Save?*, **YES**.

   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.

   If you select *Advanced* you can also do the following:
   • *Chg homepage* – Enter the address of the WAP site you want as your 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.
   • *Show pictures* – View pictures while browsing.

Data account
You may want only to create or edit an existing data account.

To create a data account manually
1. Scroll to *Connect*, **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 *Connect*, **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.

More settings information

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 use e-mail messaging, via an Internet service provider, you need settings for:
• a specific **data account** for e-mail, and an **e-mail account**.

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

Descriptions

A **data account** includes connection settings for access to an Internet server at your service provider.
A **WAP profile** includes user settings that allow browsing and multimedia messaging.
An **e-mail account** includes user settings that allow e-mail messaging direct from your phone, such as those provided by your Internet Service Provider. Alternatively, **E-mail via WAP** includes user settings that also allow e-mail messaging, such as those provided by your Internet service provider. However this is set up on your service provider's WAP site.

Note: *Verify with your WAP Service Provider whether their site supports e-mail.*

WAP profile

The WAP settings are stored in a WAP profile. In most cases, you only need to use one profile to access the Internet.

You can 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. See "To set up with the wizard" on page 44 for more information.

Data account

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).

Data account settings can either be created with the wizard, see "Setting up with the wizard" on page 44, or manually, see "Entering or editing settings manually" on page 44.

You can choose from *GPRS data* or *GSM data* account types.

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

GPRS (General Packet Radio Service) allows 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 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 analog or ISDN connection.

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

Preferred service
You can set GPRS or GSM as the preferred service.

To select preferred mode
- Scroll to *Connect*, **YES**, *Data comm.*, **YES**, *Pref. service* and select *GPRS and GSM* or *GSM only*, **YES**.

WAP security
Your phone has support for WAP secure browsing. When you turn on security, the connection between your phone and the WAP gateway is secure.

Note: *Security for a connection between a WAP gateway and a WAP Service Provider is the responsibility of the WAP Service Provider.*

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**.

Security module (Locks)
The security module is located on the SIM card, if your network operator or service provider supplies such a service. It can contain both certificates and your private keys. The security module is protected by a special access PIN and your phone asks you for it when establishing a secure connection.

To enter the access PIN (for the security module) and the signature PIN
- Scroll to *WAP Services*, **YES**, *Options*, **YES**, *Common*, **YES**, *Security*, **YES**, *Locks*.

Digital signatures

You can sign a contract with your phone by entering a digital signature PIN as if signing with a pen on paper. Digital signature records can be traced back to your private key through a certificate that is used for signing a contract.

All transactions, signed contracts, made with your phone when browsing are stored in your phone.

To check your contracts
• Scroll to *WAP Services*, **yes**, *Options*, **yes**, *Common*, **yes**, *Security*, **yes**, *Contracts,* **yes**.

Trusted certificates and Client 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:
1. 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 or in a security module. If the phone cannot verify the identity of a server, you are given the options to terminate or continue the connection.

2. 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. If you have a security module, it may also contain trusted certificates. You can also download trusted certificates from Sony Ericsson Mobile Internet or other WAP pages.

3. Client certificates are located in a security module together with your private keys. Client certificates can be used to present your identity to a bank or other services. They can also be used for digital signatures.

To check the certificates in your phone
1. Scroll to *WAP Services*, **yes**, *Options*, **yes**, *Common*, **yes**, *Security,* **yes**.
2. Select *Trusted certif.* or *Client certif.*

E-mail account settings

An e-mail account specifies, for example, the server that is used for your e-mail messages.

To create an e-mail account

1. Scroll to *Messages*, **YES**, *E-mail*, **YES**, *Options*, **YES**.
2. Select *Edit account*, **YES**.
3. Select *Add new?*, **YES**.
4. Enter a name for the account, for example **Home** or **Office**.
5. Select *Connect using*, **YES**.
   A list appears with the data accounts that you have saved in your phone.
6. Select the data account you want to use with this e-mail account, **YES**.
   If no settings exist for e-mail, you must enter data account (connection settings) as well as e-mail account settings. See step 6 in "To set up with the wizard" on page 44.
7. Enter the rest of the settings in the list, some of which are optional. To enter the settings, scroll to the setting, press **YES** and enter the information. Press **YES** to confirm. Repeat this for each required setting. You use the same e-mail settings in your phone as in your PC e-mail program. If you do not have an e-mail service, contact your operator to get all the necessary settings.

• *Protocol* – select *POP3* or *IMAP4*.

• *Incoming serv.* (Incoming server) – enter the name or IP address of the service provider for incoming e-mail messages. For example, mail.server.com or 10.1.1.1.
• *Incoming port* – if needed, change the number of the port used by the protocol you are using.
• *Mailbox* – enter a user name for your e-mail account.
• *Password* – enter a password for your e-mail account. Your service provider may alternatively request a password on connection.
• *Outgoing server* – enter the name or IP address of the SMTP server to be able to send e-mail messages.
• *Outgoing port* – if needed, change the number of the port used by the SMTP protocol.
• *Email address* – enter your e-mail address.
• *Download* – select whether to receive headers and text or headers only.
• *From name* – enter your name.
• *Signature* – select if you want to add your business card to your e-mail messages.
• *Copy outgoing* – select *On*, if you want e-mail messages sent from your phone also to be sent to an e-mail address of your choice. This way, your sent messages are copied and can be saved for future reference.

• *Check interval* – Select how often you want the phone to connect to your e-mail server and check for incoming e-mail messages.

  If you have both an office and a home e-mail account, you can set one of them as default:
• Select *Set account* from the *Messages*/*E-mail*/*Options* menu and select the account.
  See "E-mail" on page 59 for information about how to use e-mail.

Messaging

Your phone supports various messaging services - text messages, chat messages, multimedia messages and e-mail. Please contact your service provider for details on which services you can use. For more information about text, see "Entering letters and characters" on page 14.

Text messages
Text messages are sent via the Short Message Service (SMS). They can be sent to one person or to a number of recipients, for example, that you may have saved in the phone book.

You can add pictures, animations, melodies, and sound effects to a text message, and format the text, using the Enhanced Message Service (EMS). You can also send picture messages.

Note: *Text messages with EMS functionality can only be sent to other compatible phones supporting the EMS standard.*

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

To set the service center number
1. Scroll to *Messages*, **yes**, *Text*, **yes**, *Options*, **yes**, *Service centers*, **yes**.
   The service center number appears if it is saved on the SIM card.
2. If there is no number in the list, select *Add new?*, **yes**.
3. Enter the number, including the international "+" sign and country code, **yes**.

Sending text messages
For information about entering letters, see "Entering letters and characters" on page 14.

To write and send a text message
1. Scroll to *Messages*, **yes**, *Text*, **yes**, *Write new*, **yes**.
2. Write your message, **yes**.
3. Enter a recipient or more as follows:
   • Enter a recipient's phone number, **yes**.
   • For more recipients, scroll to *Add recipient*, **yes**, enter the number, **yes**.

• Press ← to retrieve a number from the phone book or other options.
4. Select *Send*, **yes**.

Note: *If you send a text message to more than one recipient, you are charged per recipient.*

To insert an item in a text message
1. Scroll to *Messages*, **yes**, *Text*, **yes**, *Write new*, **yes**.
2. While writing your message press 🔲.
3. Select *Insert item*, **yes**.
4. Select *Picture*, *Sound effect*, *Melody*, *Animation* or *My anim.* or *Picture msg*, **yes**.
5. Select an item, **yes**. Then press **yes** again to confirm.
   After inserting an item, press 🔲 to select, delete or replace options.

Note: *Options to insert other items such as sounds and melodies are available only for Sony Ericsson picture formats, not for picture messages.*

E-mail gateway
Your network operator may have a phone number to an e-mail gateway that allows you to send a text message to an e-mail address.

To set up an e-mail gateway
1. Scroll to *Messages*, **YES**, *Text*, **YES**, *Options*, **YES**, *E-mail gateways*, **YES**.
2. If there is no number in the list, select *Add new?*, **YES**.
3. Enter the number, including the international "+" sign and country code, **YES**.
   You can activate, edit or delete e-mail gateways.

Text formatting
You can change the style, size and alignment of the text, and create new paragraphs, in a text message.

To format the text in a text message
1. Scroll to *Messages*, **YES**, *Text*, **YES**, *Write new*, **YES**.
2. Write the text message. Highlight the text you want to format by sliding the volume key down while scrolling back with the joystick.
3. Press ⬚.
4. Select *Text format*, **YES**. Then select *Text style, Text size, Alignment* or *New paragr.,* **YES**.
5. Select a text format, **YES**.

Tip: *You can also select text formats before you start writing the text message.*

Receiving text messages
When you receive a text message, the phone beeps and the message *New messages. Read now?* appears in the display. If you receive a text message from someone you have saved as a contact in your phone book, the name of that contact appears in the display along with the text message.

To read the text message
Press **YES** to read the text message, or **NO** if you want to read the message later. The message is saved in *Inbox* in the *Text* menu. You may not receive all parts of a long message at the same time.

While reading the text message you can, for example, start a chat session with the sender or go to a WAP address found in the text message.
   When you have read the text message, press **YES** to select one of the following options, for example, *Reply*, *Forward* or *Delete* the text message. Press **NO** to close the text message.

Calling a number in a text message
You can call a phone number that appears in a text message.

To call a phone number in a text message
1. Select the phone number.
2. Press **YES** when *call (phone number)* is selected.
3. When the number is displayed it can be edited.
4. Press **YES** to dial the phone number.

Saving incoming text messages
Incoming text messages are saved in the phone memory.

To save from a text message
When the melody, phone number, WAP address, picture or animation is highlighted, press **YES**. Then select to save the item and press 🔲.
- A melody is saved in *My sounds*.
- A phone number is saved in *Phone book*.
- A WAP address is saved in *Bookmarks*.
- All pictures are saved in *My pictures*.

Note: *Animations can only be viewed when inserting an item in a text message. See "To insert an item in a text message" on page 52.*

Long messages
A single text message can contain up to 160 characters. You can send a longer message where two or more messages are linked together.

Note: *You are charged for each message within a linked message.*

To turn long messages off
- Scroll to *Messages*, **YES**, *Text*, **YES**, *Options*, **YES**, *Long messages*, **YES**, select *Off*, **YES**.

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

To create a template
1. Scroll to *Messages*, **YES**, *Text*, **YES**, *Templates*, **YES**, *Add new?*, **YES**.
2. Write the message, **YES**.
3. Press **YES** if you want to send the message now. Press **NO** to save the template.

Message options

You can set a default value for message options or you can 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 center 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 message option
1. Scroll to *Messages*, **YES**, *Text*, **YES**, *Options*, **YES**.
2. Select a message option, **YES**.
3. Select an option or *Set on send*, **YES**.

To check the status of a sent message
- Scroll to *Messages*, **YES**, *Text*, **YES**, *Sent items*, **YES**, select a text message, press ⬛, *View status*, **YES**.

Mobile chat

The mobile chat function works in the same way as a chat on the Internet. You can choose a nickname that appears in the recipient's display each time you send a chat message.

To enter a chat nickname
1. Scroll to *Messages*, **YES**, *Chat*, **YES**.
2. Select *Nickname*, **YES**.
3. Enter your nickname (maximum of 6 characters), **YES**.

To start a chat session
1. Scroll to *Messages*, **YES**, *Chat*, **YES** *Start new*, **YES**.
2. Enter the recipient's phone number, or retrieve it from the phone book by pressing ⬅.
3. Write your message, **YES**.

Receiving a chat session invitation
When you receive a chat session invitation, the phone beeps and *Chat Message. Chat now?* appears.
- To read the chat message, press **YES**.
- Write your chat message reply and press **YES**.
- To suspend a chat session, press **NO**.
- To resume a chat session, scroll to *Messages*, **YES**, *Chat*, **YES**, *Resume,* **YES**.

- To end a chat session, press and hold **NO**.
- To reject a chat message, press **NO**. The rejected chat message is saved in *Inbox* in the *Messages* menu.
- To end an ongoing session and start another one from a new chat message, press **YES**.

Area information
Area information is a type of text message that is sent to all subscribers in a certain network area, for example, a local traffic report. When you receive an area information message, the message automatically appears. You cannot save area messages. Please consult your service provider for more information about area information codes.

To turn area information on or off
- Scroll to *Messages*, **YES**, *Area info*, **YES**, *Reception,* **YES**.

To enter an area information code
- Scroll to *Messages*, **YES**, *Area info*, **YES**, *Message list*, **YES**, *Add new?*, **YES**.

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

To turn on the channel
- Scroll to *Messages*, **YES**, *Area info*, **YES**, *Cell information,* **YES**.

Multimedia messages
Multimedia messages can be sent to a mobile phone and an e-mail account via Multimedia Messaging Service (MMS). A multimedia message can contain text, pictures, animations, melodies and sound. You can also send contacts, event entries and sound recordings as attachments.

Before you start
Make sure you have the following settings:
- An address to a message server at your service center.
- A specific WAP profile for multimedia messages.

Note: *Contact your network operator to automatically download settings or for more information.*

To enter the message server address
• Scroll to *Messages*, **YES**, *Multimedia*, **YES**, *Options*, **YES**, *Message server,* **YES**.

To select or enter WAP settings for Multimedia messaging
1. Scroll to *Messages*, **YES**, *Multimedia*, **YES**, *Options*, **YES**, *WAP profile*, **YES**.
2. Select from *Select* or *Create new,* **YES**. See step 2 in "To set up with the wizard" on page 44 for information about how to create a WAP profile.

To compose and send a new multimedia message
1. Scroll to *Messages,* **YES**, *Multimedia*, **YES**, *Write new*, **YES**.
2. Select from the *Compose* options that appear.
   • *Add picture* – from *My pictures*.
   • *Add text* – write a message.
   • *Add sound* – from *My sounds*.
   • *Add page* – insert a new page.
   • *Page timing* – set the duration in seconds.
   • *Color* – set the background color.
   • *Delete page* – remove a page.
   • *Preview page* – view the page in the message.

• *Preview* – view the message before sending.
3. Enter the information or make the changes you want, **YES**. Press **YES** again to continue.
4. The *Compose* icon appears 🔲, press **YES** to continue.
5. Go back to step 2 until finished.
6. Scroll ↓ to *Send message*, **YES**.
7. Enter a phone number or press ← to retrieve information from: the phone book, e-mail addresses, SIM entries or unsaved numbers.
8. Scroll ↓ to *Send message,* **YES** or select *More* for advanced send options.

Advanced send options
You can enter more information to accompany the message as follows:
• *To:* – phone number or e-mail address. These can be selected from the phone book.
• *Subject:* – write a title, **YES**.
• *Cc:* – phone number or e-mail address.
• *Bcc:* – phone number or e-mail address.
• *Priority:* – high, normal, low.
• *Delivery report:* – turn on or off.
• *Read report:* – turn on or off.

- *Attachments:* – add your own card, a business card or a melody from *My sounds*.

Tip: *Highlight a part of the message and press* `C` *if you are not satisfied and want to delete a part while writing.*

You can base your message on one of the pre-defined templates.

To use a pre-defined template for a multimedia message
- Scroll to *Messages*, **YES**, *Multimedia*, **YES**, *Templates*, **YES**.

To edit the message before sending it
- To edit an item, select it and press **YES**.
  - Pictures – Add or replace an existing picture with one from *My pictures*.
  - Text – Add or edit existing text. To change text size, select the text and press `≡`. Select *Text size*, **YES**.
  - Sound – Add or replace an existing sound with an alternative from *My sounds*.
  - Page – Insert a new page.

- Timing – To set how many seconds you want an item to be displayed, select the item and press `≡`. Select *Item timing*, **YES**. To set the timing for the page, select the cursor icon in the message, press **YES** and select *Page timing*, **YES**.
- Delete page – Remove a page.
- Preview page – View a page before sending.
- Preview – View the message.

Send options
Before sending a multimedia message you can set different options.

To edit a multimedia option
1. Scroll to *Messages*, **YES**, *Multimedia*, **YES**, *Options,* **YES**.
2. Select an option to edit, **YES**.

Receiving multimedia messages
When you receive a multimedia message, the phone beeps and the message *Read now?* appears. Press **YES** to read the message.

Note: *Messages are limited to a maximum of 19, even if you select to receive headers only. You may have to delete old messages before you can receive new ones.*

Automatic download options
From the *Messages*/*Multimedia*/*Options*/*Auto download* menu select one of the following:
- *On* – Messages are automatically downloaded to your phone by default.
- *Confirm* – Press **YES** to download or **NO** to save it on your network operator's server.
- *Off* – A new message icon appears in the inbox. Select the message and press **YES** to download.

Note: *Check with your network operator regarding how many messages can be saved or the space available on the network server.*

To view a multimedia message
1. Press **YES**. The message is automatically played.
2. Press any key to stop.

When you have viewed a multimedia message, you can use the joystick to scroll through the message again. When an item is highlighted, press 🔲 to save it in your phone.

When you have read the message, select *Proceed* to select one of the following options such as: *Reply*, *Forward, Save template* or *Delete* the message. Press **NO** to close the message.

Tip: *You can select a message from the list of messages and press 🔘 to delete the entire message.*

E-mail
You can use your phone to send and receive e-mail messages via the Internet, as you would from a PC.

Before you start
First make sure that you have:
- A subscription that supports data transmission. For more information, consult your service provider.
- Set up and selected an e-mail account, including data account (connection settings).
See "E-mail account settings" on page 49 for more information.

Sending and receiving e-mail messages

The *Send & receive* option offers the fastest way to send e-mail messages saved in the *Outbox* and check for new e-mail messages.

To write and send an e-mail message

1. Scroll to *Messages*, **yes**, *E-mail*, **yes**, *Write new*, **yes**.

2. Select:
- *To:* – Then add name, enter an e-mail address, or retrieve an e-mail address from the phone book. To retrieve a saved address from the phone book or received messages in your inbox, press ← and select either *Phone book* or *Archive*. When you are finished adding recipients, press **no** to return to writing an e-mail message.
- *Cc:* – If you want to send a copy of the message to someone.
- *Priority:* – Set the message priority.
- *Subject:* – Write a title, **yes**.
- *Text:* – Write your message, **yes**.
- *Attachments* – Add up to five pictures to a message.

3. Select one of the following:
- *Send now* – The e-mail message is sent.

- *Send w/attach.* – You can attach a picture from *My pictures* or from a digital camera connected via IR. Select a picture and press **yes** to send.
- *Save to outbox* – The e-mail message is saved in the *Outbox*.
- *Save to drafts* – The e-mail message is saved in the *Drafts* folder

4. *Send & receive* in the *E-mail* menu – All e-mail messages in the *Outbox* are sent and any new e-mail messages are received in the *Inbox*.

To receive and read e-mail messages

1. Scroll to *Messages*, **yes**, *E-mail*, **yes**, *Send & receive*, **yes**.

2. When the e-mail messages have been downloaded to the phone, scroll to *Messages*, **yes**, *E-mail*, **yes**, *Inbox*, **yes** to select and read them.

Note: *The phone can save up to six complete e-mail messages depending on the size. You can use the setting to download headers only, see "E-mail account settings" on page 49. All e-mail messages are also saved on your e-mail server.*

More messages on the server are indicated by:
- Arrows in the top or bottom left corners.
- Numbers in brackets for the previous and following messages in the list.

Note: *If you select a WAP address when reading an e-mail message, e-mail disconnects and WAP starts.*

To retrieve more messages
- Scroll to the arrow and press **YES**.

To reply to an e-mail message
1. Open the e-mail message.
2. Place the cursor in the text and press $\boxed{\equiv}$.
3. Select *Reply* or *Reply all*, **YES**.
4. Select *Write new* or *Include this msg* to include the message you received, press **YES**.
5. Write a message, **YES**.

To save an e-mail address or a phone number
- When the e-mail address or phone number is highlighted, press **YES**. Select *Save,* **YES**.

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

To archive an e-mail message
1. Open the e-mail message.
2. Make sure that the text you want to archive is visible in the display.
3. Place the cursor in the text and press $\boxed{\equiv}$.
4. Select *Copy to arch.*, **YES**. The text can be found in *Archive* in the *E-mail* menu.

To delete an e-mail message
1. Scroll to *Messages*, **YES**, *E-mail*, **YES**, *Inbox,* **YES**.
2. Scroll to the message and press $\boxed{\equiv}$.
3. Select *Mark f.deletion*, **YES**.
   The message is deleted the next time you connect to your e-mail server by selecting *Send & receive*.

To delete e-mail messages (IMAP4 users)
1. Scroll to *Messages*, **YES**, *E-mail*, **YES**, *Options,* **YES**.
2. Select *Purge inbox*, **YES**.
3. Select whether to delete with *Send & receive* or not.

Using WAP

Your phone has a WAP (Wireless Application Protocol) browser and e-mail messaging which are 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 mobile Internet, WAP and/or e-mail messaging. See "Setting up WAP and e-mail" on page 43.
- Registered as a WAP/E-mail user with your network operator or service provider.
- A WAP profile selected the first time you start browsing with a new or another WAP profile.

Note: *See "E-mail account settings" on page 49 or "E-mail" on page 59 for more information about e-mail set-up and messaging.*

To select a WAP profile
1. Scroll to *WAP Services*, **YES**, *Select profile*, **YES**.
2. Select the profile you want to use, **YES**.
   You then return to the *WAP Services* menu and the WAP profile is selected.

Using the WAP browser

To start browsing
- Scroll to *WAP Services*, **YES**, select a service from the following:
  - Open your homepage at the top of the list, 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.

Tip: *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 always contains the following:
- Go to the homepage set for the current WAP profile.
- *Bookmarks* – Add the site you are currently browsing to your list of bookmarks, or see the list of bookmarks for the current profile.
- *Enter address* – Enter the WAP address of a site you want to visit.
- *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.

Note: *If you select an e-mail address when browsing a WAP site, you can reply with a text message.*

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, (≡).
3. Select one of the following options and press **YES**:
   - *Go to* – Go to the marked WAP address.
   - *Edit* – Edit the title and/or the WAP address of the bookmark. See "Options when browsing" on page 63 for more information.
   - *Delete* – Delete the bookmark.
   - *Send via SMS* – Send a link to the WAP address in a text message.

- *Send* – Send a link to the current WAP address via infrared.
- *Set as homepg* – Set the WAP address as the homepage.

Downloading

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

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

Note: *Contact your network operator or service provider for more information if menu options are not available.*

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**.

Note: *Make sure the file sizes do not exceed the free memory in your phone, see "Memory status" on page 74 for more information.*

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*.
- Information from a WAP service appears in the WAP browser.

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

To set push message acceptance
1. Scroll to *WAP Services*, **YES**, *Options*, **YES**, *Common*, **YES**, *Push access*, **YES**.
2. 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.
• Cookies – improve site access efficiency.
• Passwords – improve server access efficiency.

To allow WAP information in your phone
1. Scroll to *WAP Services*, **YES**, *Options*, **YES**, *Common*, **YES**.
2. Select the information you want to allow, **YES**.
3. Select *On*, **YES**.

Note: *See "WAP security" on page 48 for more information regarding security and certificates.*

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

To clear cache, push inbox, password list or cookies
1. Scroll to *WAP Services*, **YES**, *Advanced*, **YES**.
2. Select the information to be cleared.
3. Press **YES** to confirm.

More features

Data calls

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

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

To receive a data call (separate numbers)
1. Connect your phone to a computer via IR or an RS232 accessory cable.
2. Answer the call from within the software program (if it does not answer automatically).
   You cannot answer a data call by pressing the **YES** key on the phone.

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

If you want to receive a data call, you have to set the phone to this option. Once you have set your phone for a specific incoming call, it stays like this until you change it.

To select the next incoming call type
• Scroll to *Calls*, **YES**, *Next call*, **YES**, *Next incoming*, **YES**.

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

- To change the alarm time, scroll to *Organizer*, **YES**, *Alarms*, **YES**, *Alarm*, **YES**, *New time,* **YES**.
- 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

Scroll to *Organizer*, **YES**, *Stopwatch*, **YES**.
- To start, stop or restart, press **YES**.
- To stop, press **YES** or **NO**.
- To reset (when stopped), press (C) or **NO**.
- To save up to nine lap times, press (#⌐).
- To check saved lap times, scroll using the joystick.

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

Timer

The phone has a built-in 24-hour timer.

To set the timer

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

Calculator

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

To use the calculator

- Scroll to *Organizer*, **YES**, Calculator, **YES**.
  You can enter digits with the keypad and the following:
  - Press (#⌐) to get +, -, x, /.
  - Press (C) to delete the figure.
  - Press (✳a/A) to enter a decimal point or %.
  - Press **YES** to calculate a result, equals to (=).
  - Press ↑ to save to memory.
  - Press ↓ to retrieve from memory.

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

Events

Keep track of important things that you need to do. You can choose to add, reschedule, edit, send or delete events.

To add a new event

1. Scroll to *Organizer*, **YES**, *Events*, **YES**, *New?*, **YES**.
2. Enter the appropriate information: date, time, subject, icon, reminder.
   Confirm each entry with **YES**.

To view or edit your events

• Scroll to *Organizer*, **YES**, *Events*, **YES** and then select an event, **YES**.

Events options

• Scroll to an event, press ⬚ and then select one of the options to reschedule, edit, send, delete or delete all.

Exchanging events

You can send and receive an event via IR or a multimedia message.

To send an event

1. Scroll to the item you want to send and press ⬚.
2. Scroll to *Send*, **YES**.
3. Select a transfer method.

To receive an event

1. From standby, press ⬚, scroll to *Activate IR*, **YES** or see "To view a multimedia message" on page 59.
2. Press **YES** to save.

Note: *If the events list is full, you must remove events before you can save any new ones.*

Sound recorder

With the Sound recorder function, you can record either your own memos or calls. All participants in the call are automatically recorded. The recording is terminated if any party hangs up.

The recordings are saved in your mobile phone and can be accessed even if you change your SIM card.

Note: *In some countries or states it is required by law that you inform the other person before recording the call.*

To start a sound recording
• Scroll to *Fun & Games*, **YES**, *Sound recorder*, **YES**. Recording starts and the display shows *Recording* together with the time of the current recording (increasing).

Note: *Recordings are saved in Fun & Games/ My sounds.*

To end the recording
• Press **NO**.

The recording stops automatically if you receive an incoming call or when the call ends. You hear a tone a few seconds before the memory is full.

Listening to recordings
You can listen to your recordings at any time, even during a call, and both persons will hear them.

To listen to your recordings
1. Scroll to *Fun & Games*, **YES**, *My sounds*, **YES**.
2. Scroll to *Recording* or go to next or previous by moving the joystick up or down, **YES**.
3. Select *Play*, **YES**.

4. Press **YES** to stop playback and return to options or press **NO** to stop playback and return to *My sounds*.

Note: *You can also send, delete, rename, check sound information and memory status by selecting a recording or sound and pressing* **YES** *or* ⌷.

To send a recording
1. Scroll to *Fun & Games*, **YES**, *My sounds*, **YES**.
2. Scroll to the recording you wish to send.
3. Press ⌷, select *Send* and then the transfer method.

To erase or rename a sound recording
1. Scroll to *Fun & Games*, **YES**, *My sounds*, **YES**.
2. Scroll to the recording you wish to erase or rename.
3. Press ⌷ when the recording is highlighted.
4. Select *Delete* or *Rename*, **YES**.

Games
Your phone has games and you can download games. Game controls are specified with help for each game.

To manage games
1. Scroll to *Fun & Games*, **YES**, *Games*, **YES**.
2. Select a game, ⌷.
3. Select an option, **YES**.

Note: *Select Help for game control information.*

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.

To download a new game
1. Make sure you have entered WAP settings,
   see "Setting up WAP and e-mail" on page 43.
2. Scroll to *Fun & Games*, **YES**, *Games*, **YES**,
   New games, **YES**.
3. Press **YES** to download a new game via WAP.
   A WAP session starts.
4. Select a game from the WAP site, **YES**. The game is
   downloaded and saved in *Fun & Games*/*Games*.

Note: *Contact your network operator or service
provider for more information if menu options are not
available. See "To download from
wap.sonyericsson.com" on page 64 for more
information.*

Security

SIM card lock
The SIM card lock protects your subscription, but not
your phone itself, from unauthorized use. If you
change SIM cards, the phone still works with the new
SIM card.

Most SIM cards are locked at the time of purchase.
If the SIM card lock is on, you have to enter a "PIN"
(Personal Identity Number) every time you turn on
your phone.

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 28 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**.

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

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 26 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 edit your phone lock code
• Scroll to *Settings*, **YES**, *Locks*, **YES**, *Phone lock*, **YES**, *Change code,* **YES**.

Note: *It is important that you remember your new code. If you should forget it, you will have to bring the phone in to your local Sony Ericsson retailer.*

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**.

Troubleshooting

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

The phone cannot be switched on
Recharge or replace the battery. See "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.

Note: *Themes are also set to factory default.*

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 themes, 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 activate. Contact your network operator for more information.

Emergency only
You are within range of a network, but you are not allowed to use it. However, in an emergency, some operators allow you to call the international emergency number 112. See "Emergency calls" on page 28.

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 70.

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 70.

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 70.

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 71.

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 71.

Number not permitted
The Fixed Dialing function is on and the number you have dialed is not on your fixed numbers list. See "Fixed dialing" on page 40.

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

Cannot connect to server
If your settings have previously worked, try again later as the network server may be temporarily busy or experiencing problems.

Memory status
Check, for example, how many positions are left in your phone book or how much memory is used.

To check the memory of the phone book
• Scroll to *Phone book*, **YES**, *Advanced*, **YES**, *Memory status,* **YES**.

To check the memory for themes, pictures, sounds, games (and multimedia messages)
• Scroll to *Fun & Games*, **YES**, select one of the menus, **YES**, $\boxed{\equiv}$, select *Memory status*, **YES**.

To check memory for text/multimedia messages
• Scroll to *Messages*, **YES**, select one of the menus, **YES**, *Memory status*, **YES**.

Memory full
Free memory by deleting unused files or information.

To delete saved files or information
• Select a file or information, press $\boxed{\text{C}}$, **YES**.
• Select a submenu option or advanced option to delete.

Note: *Some factory default files and information cannot be deleted.*

Additional information

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.

Carrying strap
You can attach a carrying strap to your phone.

To attach a carrying strap to your phone
1. Feed the thin end of the strap through the loophole at the top of your phone.
2. Feed the thick end of the strap through the thin end of the strap.
3. Pull the thick end of the strap to tighten it.
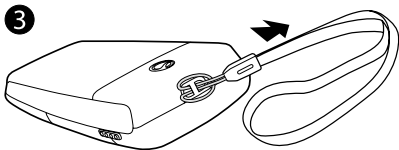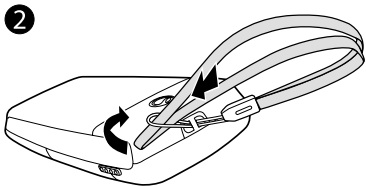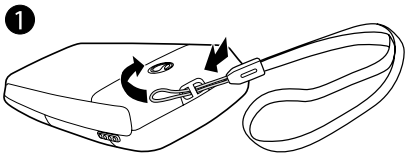
Guidelines for Safe and Efficient Use

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 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 authorized personnel should perform service.

- Do not direct the infrared ray at anyone's eye and make sure that it does not disturb any other infrared units.

- To avoid hearing impairment, accept the call before holding your product (or portable handsfree device) to your ear.

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. Therefore, the closer you are to a base station, the more likely it is that the actual SAR level will decrease.

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.

Accessories can significantly affect a mobile phone's compliance with the radio frequency exposure guidelines. For example, the Federal Communication Commission in the U.S. requires that some manufacturers' accessories shall be tested, and Sony Ericsson has done so with respect to its products. To avoid causing loss of performance or radio frequency exposure levels above the permissible limits it is recommended that you only use Sony Ericsson or Ericsson original accessories intended for use with the mobile phone. If you wear the mobile phone on your body while it is transmitting, and you do not use a Sony Ericsson or Ericsson original body worn accessory,

please ensure that the mobile phone is positioned a minimum of 1.5 cm from your body and that you are not using an accessory that contain any metal.

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.

Emergency Response Center Location Technology

Using wireless technology to help find you in case of an emergency is a goal shared by the entire wireless industry, local phone companies and the emergency response centers. Your phone may support an emergency positioning system being implemented by some service providers. But the complexity of mobile communication technology, combined with related implementation technologies, means that your wireless carrier, the local phone companies, and emergency

response centers all have a role to play in implementing this capability.

So even if your phone supports this technology and even if the locating features works in one area there is no guarantee that it will work in all areas for all calls to emergency response centers. Always review with an emergency response center all location data you have, including intersecting streets, as well as any landmarks, to assist in locating you.

Sony Ericsson is committed to continuing to work with the entire communications industry to improve location features for emergency response.

Sony Ericsson is not liable for any service(s) including operation, coverage, or range of the network services provided by network carriers independent of Sony Ericsson.

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 at 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.

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 authorized 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 authorized 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 authorized 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.

82 **Additional information**

* 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 authorized 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.

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. Body worn measurements are made while the phone is in use and worn on the body with, if available, an Ericsson or Sony Ericsson branded original accessory intended for use with the phone. The design and composition of an accessory can affect the body worn SAR (Specific Absorption Rate) levels for the phone. Sony Ericsson has not measured, and makes no representation about, the body worn SAR levels when the phone is used with non-Ericsson or non-Sony Ericsson branded original accessories intended for use with the phone.

For Canadian Customers
The term "IC:" before the radio certification number only signifies that industry Canada technical specifications were met.

Declaration of Conformity

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

declare under our sole responsibility that our product

Sony Ericsson type 113 0602-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, December 2002
Place & date of issue

$C \in$ **0682**

Kentaro Odaka, Head of Product Business Unit GSM/UMTS

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

Icons

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

Icon	Description
Main menus	
	Your personal phone book.
	Handling of text (SMS), multimedia (MMS), e-mail and voice messages.
	Handling of outgoing/incoming calls, call time and cost information.
	Handling of ongoing calls. Alternates with the Calls menu, i.e. only available during calls.
	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.
	Receive items via infrared, networks, data communications settings and accessories.

Icon	Description
	Create your own menu for the functions you use most often.
Standby	
ıllı	Tells you the strength of the GSM network signal.
▥▥	GPRS is within range.
▥▥	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 forwarded to a defined number.
⇄	No calls or only certain calls from numbers in a list are received.
⚡	All signals are off, except the alarm and timer.
🔔	The alarm clock has been set and is on.

Icon	Description	Icon	Description
⏱	The timer has been set and is on.	☎₂	Line 2 is in use for outgoing calls.
📳	A profile other than Normal has been chosen.	⚠	Ciphering is currently not being provided by the network.
🔓	The keypad is locked.	⚇	The network is preferred and can be used.
🔒	The card lock or phone lock is on. A secure WAP connection is established.	Ø	The network is forbidden and cannot be used.
✉	You have received a text message.	⌂	Your home network is within range and can be used.
✉@	You have received an e-mail message.	(	An ongoing call.
✉▶	You have received a multimedia message.	👥	A chat session is in progress.
✉ᵒᵒ	You have received a voice message.		
✉@	You have received a WAP push message.	*Phone book*	
⁞⋮	The infrared port is on.	📖←	You can enter the phone book by pressing ←.
⁞≶	Infrared communication is in progress.	⌂	A home number in the phone book.
◐	A GPRS session is in progress.	⌁	A work number in the phone book.
☎₁	Line 1 is in use for outgoing calls.	▯	A mobile number in the phone book.
		@	An e-mail address in the phone book.

Icon	Description	Icon	Description
🖻	A picture is connected to the contact.	🖄	The message has not been sent.
		🖃	The message has been sent.
	Messages	🖅	A message has been delivered or read by the recipient.
▯	A text message is saved on the SIM card.	🖅	A sent message that has expired or been rejected by the recipient.
◖◗	A voice message has not been checked.		
✉	A message has not been read.	🗎	Pre-defined message template (not editable).
◈	A message has been read.	🗏	User-defined message template.
🖃	Only part of a read e-mail message is saved in the phone.	▶	A multimedia message is playing.
🖃	Only part of an unread e-mail or a multimedia message is saved in the phone.	■	A multimedia message has been stopped.
◈	A read message will be deleted the next time you connect to the server.	❚❚	A multimedia message has been paused.
🖃	An unread message will be deleted the next time you connect to the server.	✖	Picture could not be shown.
🖾	A damaged message.	🖼	A business card is attached to a multimedia message.
◈	A read picture message.	🗓	An event is attached to a multimedia message.
✉	An unread picture message.		

Icon	Description
	A theme is attached to a multimedia message.
	A multimedia message contains a melody.
	A multimedia message contains a recorded sound.
	Cursor in a multimedia message.
	More message options.
	Chat message prompt.

Calls

Icon	Description
	A missed call in the call list.
	An answered call in the call list.
	A dialed number in the call list.

Fun & Games

Icon	Description
	A standard melody saved in My sounds.

Icon	Description
	A polyphonic melody saved in My sounds.

Fun & Games/Composer

Icon	Description
	Turns the indicator light on and off.
	Turns backlight on and off.
	Turns vibrating alert on and off.
	Starts and stops a melody loop.
	Increases and decreases the volume one step.
	A volume between 0 and 15 has been selected.
	Whole note, half note, 1/4 note.
	1/8 note, 1/16 note, 1/32 note.

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