

Mobile Phone T65



T65 Quick Guide

To...	From standby:
use mobile Internet with the access key.	press and hold for homepage. press for bookmarks.
reset the battery.	press and hold NO for 10 seconds.
make an emergency call.	enter the international emergency number 112, YES .
enter the <i>Call list</i> .	press YES .
voice dial.	press and hold YES or say your magic word.
call your <i>Voice mail</i> .	press and hold 1 .
enter the international + sign.	press and hold 0 .
set the phone to silent.	press and hold C , select <i>Turn on silent</i> , YES .
reach a contact beginning with a specific letter.	press and hold any of the keys 2 - 9 .
reach a specific number on the SIM.	press the position number and # .
speed dial.	press any of the number keys 1 - 9 and YES .
enter <i>Call contact</i> .	press and hold ➤ .

To...	From standby:
see <i>Date, Profile, Standby time, Talk time</i> and <i>GPRS status</i> .	press a volume key.
change to <i>English</i> language or <i>Automatic</i> language.	press ◀ 0000 ▶ . press ◀ 8888 ▶ .
To...	During a call:
hold a call and retrieve it.	press YES and YES again.
turn off the microphone.	press and hold C . Press again to unmute.
To...	While in the menus:
move between menus.	press ◀ ▶ .
move through lists.	press ▲ ▼ .
select a menu or setting.	press YES .
delete an item.	press C in lists, YES .
go back to standby.	press and hold NO .
To...	Using multitap text input:
reach the second character of a key.	press the up volume key and a number key simultaneously.
reach the third character of a key.	press the down volume key and a number key simultaneously.

To...

shift between capital and lower-case letters.

enter numbers.

enter punctuation marks.

enter the @-sign and other special characters.

enter a space.

delete characters.

shift between input methods or input languages.

enter a *p* (pause).

Using multitap text input:

press *** 0**, then the letter (also with T9 input).

press and hold a number key.

press the down volume key and **1** simultaneously.

press the down volume key and **0** simultaneously.

press **1**.

press **C**, (also with T9 input).

press and hold *** 0** (also with T9 input).

press and hold *** 0** when saving codes or melodies.

To...

view alternative words.

accept a word and add a space.

enter a full stop.

view extra punctuation marks.

enter numbers.

Using T9™ Text Input:

press **0**.

press **1**.

press **#**.

press **#**, **0** repeatedly.

press and hold any number key.

T65 User's guide

Contents

Features	3	Fax and data calls	39
Preparing your phone	4	More than one call	40
Making calls	7	Call time and call cost	42
During a call	10	Networks	44
Menus	11	Security	45
Personalizing your phone	13	Code memo	48
Entering letters	16	Two voice lines	49
Phone book	19	Calling card calls	50
Text and chat messages	22	Games	52
Calendar	26	Extras	53
Synchronization	28	Online services	54
Using mobile Internet	29	Troubleshooting	55
Profiles	34	Important information	56
Voice control	35	Declaration of conformity	65
Voice mail service	38	Icons	66
Diverting calls	39	Index	69

Ericsson T65

First edition (June 2001).

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

©Ericsson Mobile Communications AB, 2001.

Publication number: EN/LZT 108 4771 R1A.

INNOVATRON PATENTS.

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.

T9™ Text Input is a registered trademark of Tegic Communications.

T9™ Text Input is licensed under one or more of the following: U.S. Pat. Nos. 5,818,437, 5,953,541, 5,187,480, 5,945,928, and 6,011,554; Canadian Pat. No. 1,331,057; United Kingdom Pat. No. 2238414B; Hong Kong Standard Pat. No. HK0940329; Republic of Singapore Pat. No. 51383; Euro. Pat. No. 0 842 463(96927260.8) DE/DK, FI, FR, IT, NL, PT, ES, SE, GB; and additional patents are pending worldwide.

Tetris®; ©Elorg 1987. Classic Tetris®; ©Elorg 1998. Tetris Logo by Roger Dean; ©The Tetris Company 1997. All Rights Reserved.

Features

T65 is a **dual band** mobile phone operating on the GSM 900/1800 networks. It supports **GPRS** (General Packet Radio Services), for fast and efficient **mobile Internet**.

To enjoy maximum value from your T65, we suggest you utilize the **access key**, which offers instant access to the **mobile Internet** and other options.

T65 also features **enhanced messaging services** that allow you to add pictures, animations and sound to text messages. You can also write messages to individuals or groups of people quickly and easily with **T9™ Text Input**.

The **mobile chat** function allows you to conduct chat sessions, while fun and interesting pictures can be created with the **picture editor**.

T65's advanced **voice control** enables complete handsfree communication, using the **magic word**, and its advanced **calendar** helps you keep track of all your meetings.

Technical data

Size – 105 x 49 x 21 mm.

Display – 101 x 67 pixels.

Weight – 94 g (with built-in battery).

Talk time – Up to 11 hrs.

Standby time – Up to 300 hrs. (>12 days).

Ambient temperatures – Max +55°C, Min -10°C.

GSM

Data – up to 28.8 kb/s.

Fax – up to 9.6 kb/s Group III, class 1 and 2. Class 2 recommended.

GPRS

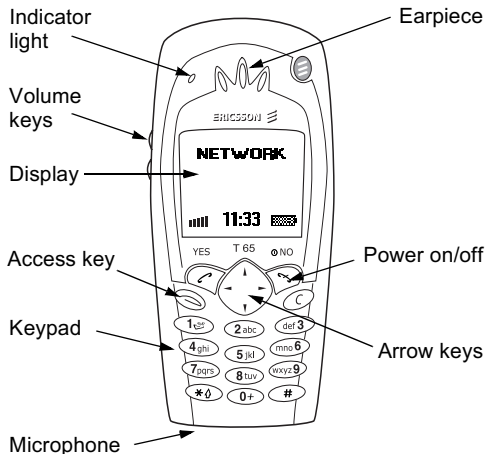
Data – up to 43.2 kb/s.

Cable

RS232. Data – up to 230.4 kb/s.

Preparing your phone

Overview



Assembly

Before you can use your phone you need to:

- Insert the SIM card.
- Charge the battery.

The SIM card

When you register as a subscriber with a network operator, you get a SIM (Subscriber Identity Module) card. SIM cards provide the services necessary to use your phone.

Battery

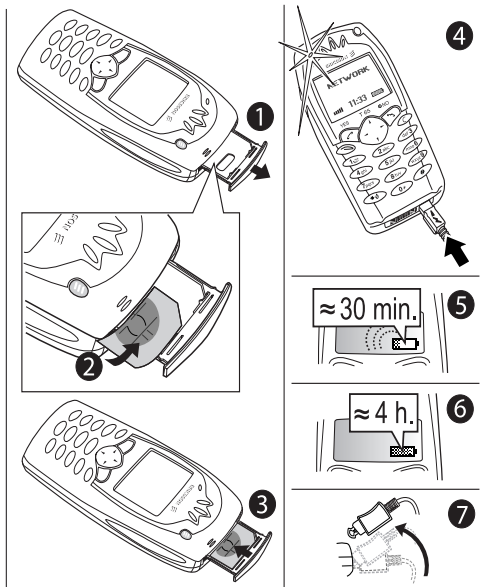
Your phone comes with a built-in lithium battery, which is not removable. It is not charged when you purchase your T65. See “SIM card and battery” on page 5.

Network services

This symbol denotes services or functions that are supplied by your network operator. Some menus depend upon these services, so shortcut numbers to menus and functions may vary as a result. This phone supports all the services and functions described in this user's guide.



Getting started







SIM card and battery







1. Slide open the SIM card holder at the top of the phone.
2. Insert (or remove) the SIM card from the holder.
3. Slide the holder back into the phone.
4. Connect the charger to the phone (the flash symbol on the plug must face upwards) and the mains. The indicator on top of the phone shows a steady light.
5. It may take up to 30 minutes before the display shows any indication, and then:
 - the battery meter in the display pulses continuously.
 - *Optimized charging* is shown briefly.
6. Charge your battery for 4 hours the first time.
7. Disconnect the charger by tilting the plug up.

Note: See “Battery information” on page 61.

Phone key functions

The table below explains some of the functions with your phone keys.

Key	Function
NO	Press and hold to turn the phone on or off, get back to standby mode. press to end a call, go back one level in the menus or leave a setting unchanged. press and hold for 10 seconds to reset the battery.
Number keys	Enter the numbers 0–9. Enter the international prefix (+), press and hold 0. Call your voice mail, press and hold 1. enter letters.
YES	Make and answer calls. Choose a menu, submenu, list or setting. Voice dial, press and hold the key. Enter the Call list, press the key from standby.
 	Enter and move within the main menus. Press  to enter <i>Call contact</i> from standby. Press and hold  to enter the first submenu of <i>My shortcuts</i> .

Key	Function
 	Move (scroll) up or down through menus, lists and text. Press to move to first or last entries in the phone book from standby.
Access key 	Press and hold to connect to your homepage or press to enter WAP bookmarks from standby. See "Using mobile Internet" on page 29. Press to reach the options menu when using other functions.
	Clear Delete numbers and letters from the display. Delete an item from a list. Turn off the microphone during a call, press and hold the key. Set the phone to silent, press and hold the key from standby.
	Enter *. Enter a pause (p). Shift between capital and lower-case letters.
	enter #.

Key	Function
Volume keys	<p>Increase or decrease the earpiece.</p> <p>Press twice quickly to reject an incoming call.</p> <p>Press once to see status from standby.</p>

Making calls

Before you can make and receive calls you must turn on your phone and be within range of a network.

Turning your phone on

- Press and hold **NO** until you hear a tone.
- Enter your PIN (Personal Identity Number) code, if supplied by your network operator.
Delete wrong digits by pressing **C**.

If you enter your PIN code incorrectly three times in a row, the SIM card is blocked. To unblock it you need to enter your PUK (Personal Unblocking Key). Your PUK is provided by your network operator.

Turning your phone off

In standby mode, press and hold **NO** until you hear a tone.

Note: *You will not hear a tone if silent mode is on.*

Network search

After you have turned on the phone (and entered your PIN), the phone searches for a network. When a network is found, the phone switches to “standby mode”. You can now make and receive calls.

Making a call

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

Call list

The numbers that you have dialled are saved in the **Call list**.

The call list saves:



Dialled numbers





Answered calls






Missed calls

The last 30 incoming and outgoing calls are saved together in chronological order.

To call a number from the call list

1. Press **YES** from standby mode.
2. Press  or  until the number you want to call is highlighted.
3. Press **YES**.

To clear the call list

1. Press  until you reach the *Call info* menu.
2. Press  until the *Options* submenu is highlighted, press **YES**.
3. Press  until the *Clear call list* submenu is highlighted, press **YES**.
4. The question *Call list clear?* appears. Press **YES**.

Automatic re-dialling

If the connection failed when you first called, the display shows *Retry?*. Press **YES** to re-dial. Available with voice calls only.

Making international calls

1. Press and hold the **0** key until a + sign appears.
2. Enter the country code, area code (without the leading zero) and phone number.
3. Press **YES**.

Making emergency calls

- Enter the international emergency number **112** and press **YES**.




Your Ericsson phone supports the international emergency numbers, **112**, **911** and **08**. These can normally be used to make an emergency call in any

country, with or without a SIM card inserted, if a GSM network is within range.

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

Local emergency numbers

To view your local emergency numbers




1. Press  to go to the *Phone book* menu.
2. Press  until *Special numbers* is highlighted, press **YES**.
3. Press  until *SOS numbers* is highlighted, press **YES**.

Showing and hiding your number

You can show or hide your number for a particular call.



To hide or show your phone number

1. Enter the phone number you wish to call.
2. Press  until you reach the *Call info* menu, **YES**.
3. Press  until *Next call* is highlighted, **YES**.
4. Press  until *Hide my number* or *Show my number* is highlighted, **YES**.

Receiving and answering a call

When you receive a call, the phone rings and the display shows *Answer?* Press **YES**.

Rejecting a call

- Press **NO**.
- Press a volume key twice quickly.

The display shows *Busy tone*. If the *When busy* divert function is on, the call is diverted to the number you have specified. See “Diverting calls” on page 39.

Missed calls

If you have missed a call, the message *Missed calls* appears.

1. Press **YES** to display the missed calls.
2. Press **YES** to call the number.



During a call

Earpiece volume

During a call you can change the earpiece volume with the up and down volume keys.

Microphone



During a call you can turn off the microphone.

- Press and hold  until *Muted* appears in the display.
- Press and hold  again to resume the conversation.

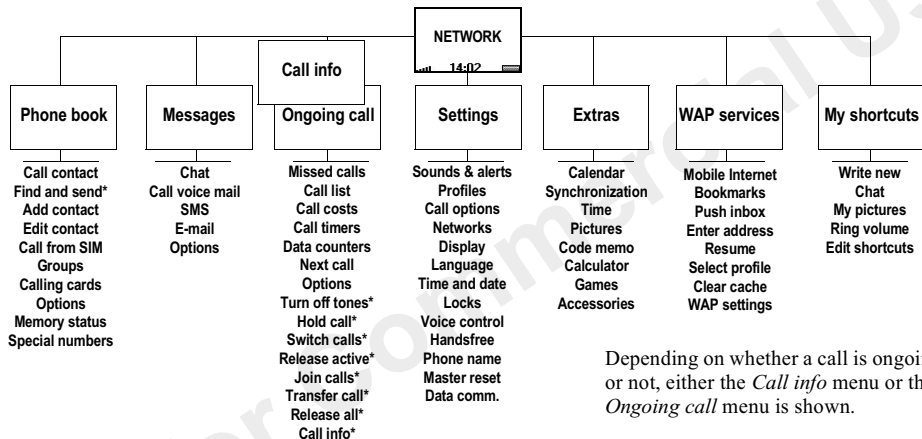
Note pad

If you want to make a note of a phone number during a call, you can use your phone display as a notepad. Information entered on the screen remains until deleted or the phone is switched off. It is possible to turn off tone signals when entering information.

To turn the tone signals on or off

1. Press  to go to the *Ongoing call* menu, **YES**.
2. Press  until *Turn off tones* or *Turn on tones* is highlighted, **YES**.

Menus







Depending on whether a call is ongoing or not, either the *Call info* menu or the *Ongoing call* menu is shown.

Note: Many menu alternatives depend on your network subscription.

* Only available during a call.

Display menus





There are seven main menus, each has several submenus. You enter the menus by pressing  or . Use  or  or the volume keys to move up and down through the submenus and lists.

Moving through the menus

There are two ways of moving through the menus:



- Scrolling by using the keys.
- Using shortcuts.

Scrolling by using the keys

Press...	to...
 or 	enter and move through the main menus
 or 	enter and move through submenus or lists
YES	select a menu, submenu or setting
NO	go back one level in the menus or leave a setting unchanged. press and hold NO to go back to standby

Tip: When in the menus, instead of pressing the keys repeatedly to reach the submenu that you want, you can press and hold the arrow keys or press and hold the volume keys.

Using shortcuts

A quicker way to move through the menus is to use the shortcuts. First press  or  to enter the menus, then simply enter the number of the menu to which you want to go. To return to standby, press and hold **NO**.

Menu language

To change the menu language

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

To select a language that you want to use when writing text, see “Language” on page 16.

My shortcuts

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

To select your settings for the shortcuts menu

1. Scroll to *My shortcuts*, **YES**, *Edit shortcuts*, **YES**.
2. Select a function from the list by pressing ***0**.
3. Enter the position number that you want for this function in the menu, **YES**.

To add another function repeat steps 2 and 3.

To remove a function repeat steps 1 and 2.

4. Press **YES** to exit the list.

When you buy your phone, the menu *My shortcuts* contains a few settings which you can remove if you wish.

Tip: Press and hold **←** from standby to reach the shortcut saved in the first position in *My shortcuts*.

Personalizing your phone

Your Ericsson phone has been designed for easy personalization.

Sound settings

- Set the ring volume.
- Set an increasing ring.
- Set the vibrating alert.
- Set a specific ring signal for a caller.
- Select an existing ring signal.
- Compose a melody.
- Receive a melody.
- Set the key sound.

With all the above:

1. Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**.
2. Respond to the simple requests or follow the easy instructions shown in the display.

Tip: You can also download existing melodies from the Ericsson Mobile Internet:
<http://mobileinternet.ericsson.com>. See "Using mobile Internet" on page 29 for information on how to use WAP services.

Pictures

Your phone comes with a number of pictures.

Scroll to *Extras*, **YES**, *Pictures*, **YES**, where you can:

- Select a picture as background when in standby mode.
- Assign a picture to a contact in the phone book. When that person calls, the picture appears in the display (provided your subscription supports the Calling Line Identification service).
- Enclose a picture in a text message.
- Edit a picture.

To draw your own picture

1. Scroll to *Extras*, **YES**, *Pictures*, **YES**, *My pictures*, **YES**.
2. Press **YES** to start drawing with the picture editor.
3. Press **YES** twice to save the picture.

To edit a picture

1. Scroll to *Extras*, **YES**, *Pictures*, **YES**.
 2. Select a picture group and press **YES**.
 3. Select a picture and press **YES** to start editing with the picture editor.
 4. Press **YES** twice to save the picture.
- The picture is saved in *My pictures*.

Picture editor keys and functions

This table lists the keypad functions.

Key	Use
1	Move the cursor up and left.
2	Move the cursor up.
3	Move the cursor up and right.
4	Move the cursor left.
5	Lift up, or put down, the pen. Press and hold to switch between zoom and full size view.
6	Move the cursor right.
7	Move the cursor down and left.
8	Move the cursor down.
9	Move the cursor down and right.
0	Switch line thickness.
YES	Open the <i>Options</i> menu.
NO	Exit the picture editor.
C	Delete the picture.
* ⬆	Move the cursor 1, 5 or 10 spaces.
#	Switch between black and white pen colour.

Display settings

You can change the following display settings:

- Display light to automatic, off or on.
- Turn on the sleeping display to save power.
- Change the display's contrast.
- Change the text size and number of rows.
- User greeting.

With all the above:

1. Scroll to *Settings*, **YES**, *Display*, **YES**.
2. Respond to the simple requests or follow the easy instructions shown in the display.

Greeting text

When you turn your phone on and off, a start-up and shutdown show appears in the display. You can also write your own greeting.

To write a new greeting

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *User greeting*, **YES**.
2. Select *Custom* and press **YES**.
3. Write your new greeting.
4. Press **YES** to confirm your setting.

My numbers

My numbers shows your phone number(s). If your phone number cannot be retrieved from your SIM card, you can enter it yourself.

To enter your phone number

1. Scroll to *Phone book*, **YES**, *Special numbers*, **YES**, *My numbers*, **YES**, *Voice*, **YES**.
2. Enter the number and press **YES**.

Time settings

You can change the following time settings:

- Set the time and date.
- Set the time, date format.
- Set the time zone.
- Select auto time zone.

With all the above:

1. Scroll to *Settings*, **YES**, *Time and date*, **YES**.
2. Select the setting you want to change, **YES**.

Entering letters

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

Language

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

To select a language

1. Scroll to *Settings*, **YES**, *Language*, **YES**, *Input*, **YES**.
2. Scroll to the language that you want to use for entering letters and press ***#**.
Repeat step 2 if you want to use another language.
3. Press **YES** to exit the menu.

When writing, you can switch to one of your selected input languages by pressing and holding **#**, and then selecting, *input language*.

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.

In the following example, we will start writing a name in the phone book:

To enter letters using multitap text input

1. Scroll to *Phone book*, **YES**, *Add contact*, **YES**. Press **YES** again.
2. Press the appropriate key, **1** – **9**, **0** or **#**, repeatedly until the character you want appears in the display. See the table of the Latin alphabet below:

Press...	to get...
1	Space - ? ! , . : ; " ' < = > () _ 1
2	A B C Ä Å Æ à Ç 2 Γ
3	D E F è É 3 Δ Φ
4	G H I i 4
5	J K L 5 Λ
6	M N O Ñ Ö Ø ò 6
7	P Q R S ß 7 Π Σ
8	T U V Ü ù 8

Press...	to get...
9	W X Y Z 9
0	+ & @ / □ % \$ € £ ¥ § \ ¸ ¡ 0 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨
#	# * ^ _
C	to delete letters and numbers
* ①	to shift between capital and lower-case letters
0 – 9	press and hold to enter numbers

Multitap 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 *** ①**, then enter the letter.

T9™ Text Input

The T9™ Text Input method uses a built-in dictionary to recognize the most commonly used word for every 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.

When you press the keys, different words are suggested. If the word you want is not suggested, you

can edit the word. The word is then added to the dictionary so that it is suggested the next time you press those keys.

In the following example, we will start writing a text message:

To enter letters using T9™ Text Input

1. Scroll to *Messages*, **YES**, *SMS*, **YES**, *Write new*, **YES**.
2. To write the word "Ericsson", press **3** **7**

4 **2** **7** **7** **6** **6**.

The word *Ericsson* appears.

3. If the word shown is the one you want,
 - Press **1** to accept and add a space.
 (To accept a word without adding a space, press **➤**.)

If the word shown is not the one you want, press **0** repeatedly to view alternative words (candidates). Accept a word and add a space by pressing **1**.

If you do not find the word you want by pressing **0**:

- Press and hold **#** to go to a list of options.
- Select *Edit word*, **YES**.

- Delete the entire word by pressing **C**, or delete one letter at a time by pressing **➤** and then **C** repeatedly.
- Write the new word using multitap text input and press **YES**.

The word is added to the dictionary. The next time you enter **3**, **7**, **4**, the word you just added to the dictionary will appear as one of the alternative words.

4. Continue writing your message. See “Sending text messages” on page 23.

Tip: Press and hold **#** when writing to enter a list of options for text input.

To turn the T9™ Text Input on or off

1. Scroll to *Settings*, **YES**, *Language*, **YES**, *T9 Input*, **YES**.
2. Select *On* or *Off*.

Phone book

Your phone has a phone book, in which you can save information about your contacts. You can choose to have a reduced (*Short list*) phone book, which shows a contact's name, number and e-mail address, or an extended (*Full list*) phone book, which shows more detailed information.

To select the size of the phone book


1. Scroll to *Phone book*, **YES**, *Options*, **YES**.
2. Select *Set list size*, **YES**, select size, **YES**.

Contacts

To add a new contact

1. Scroll to *Phone book*, **YES**, *Add contact*, **YES**.
2. Press **YES** and enter a first name. Enter the rest of the details and confirm by pressing **YES**.
3. Scroll to *Save and exit?*, **YES**.

To call a contact

1. Scroll to *Phone book*, **YES**, *Call contact*, **YES**, or press and hold  from standby.
2. Enter the first letter of the contact, **YES**. If the contact shown is not the one you want, scroll to the contact you want to call, **YES**.

3. If the default phone number of the contact is the number you want to call, press and hold **YES**. If you want to call another phone number, press **YES** to go to the contact. Scroll to the phone number you want to call.
4. Press **YES** to make the call.

You can find the contact by searching for either first or last name, depending on which sort order you have set.

To select a sort order


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

Shortcuts to contacts

From standby, press and hold one of the keys **2–9** to find a contact beginning with a letter on that particular key.

Shortcuts to phone numbers

From standby, you can find a phone number on the SIM card by:

- Entering its position number followed by .

To see the position of the phone numbers that you have saved, go to *Phone book*, **YES**, *Options*, **YES**, *Position list*, **YES**.

Speed dialling

You can call the phone numbers that are saved in positions 1–9 on the SIM card.

- From standby, enter the position number and press **YES**.

To edit a contact

1. Scroll to *Phone book*, **YES**, *Edit contact*, **YES**.
2. Enter the first letter of the contact, **YES**.
3. Scroll to the contact that you want to edit, **YES**.
4. Scroll to the details that you want to edit, **YES**.
5. When you have made your changes, press **YES**.
Scroll to *Save and exit?*, **YES**.

To delete a contact

1. Scroll to *Phone book*, **YES**, *Edit contact*, **YES**.
2. Enter the first letter of the contact, **YES**.
3. Scroll to the contact that you want to delete, **YES**.
4. Press **C**, **YES**.

Organizing your phone book

You can organize your phone book so that the phone numbers you use most frequently are easily available.

To change position numbers

1. Scroll to *Phone book*, **YES**, *Options*, **YES**, *Position list*, **YES**.
2. Scroll to the phone number you want to move, press **YES**.
3. Scroll to the position to which you want to move the phone number and press **YES**. The phone numbers switch positions.
4. When you have finished, press **NO**.
A question appears. Press **YES** if you want to copy the changes to the SIM card.

Copy to and from the SIM card

Your contacts are saved in the phone. If you want to speed dial or if you want to use your contacts in another phone, you first need to copy the contacts to the SIM card. The contacts on the SIM card are then replaced by the contacts in the phone.

To copy all contacts to the SIM card

- Scroll to *Phone book*, **YES**, *Options*, **YES**, *Copy all to SIM*, **YES**.

To copy all contacts to the phone

- Scroll to *Phone book*, **YES**, *Options*, **YES**, *Copy from SIM*, **YES**.

To call a contact saved on the SIM card

1. Scroll to *Phone book*, **YES**, *Call from SIM*, **YES**.
2. Enter the first letter of the contact, **YES**.
3. Press **YES** to call the contact.

To check the status of your phone book memory

- Scroll to *Phone book*, **YES**, *Memory status*, **YES**.

Pictures, personal rings and voice commands

You can add a picture, personal ring signal and voice command to a contact.

To add an item to a contact

1. Scroll to *Phone book*, **YES**, *Edit contact*, **YES**.
2. Enter the first letter of the contact, **YES**.
3. When the contact is highlighted, press **YES**.

4. To add or modify a picture, scroll to *Picture*, **YES**. This takes you to *My Pictures*. Select a picture and press **YES**. See “Pictures” on page 14.
5. To add or modify a personal ring signal, scroll to *Personal rings*, **YES**. See “Sound settings” on page 13.
6. To add or modify a voice command, scroll to *Edit voice*, **YES**. See “Voice control” on page 35.

Groups

You can create groups of contacts to send messages to.

To create a new group

1. Scroll to *Phone book*, **YES**, *Groups*, **YES**.
2. Select *Add group* and press **YES**.
3. Enter a name for the group and press **YES**.
4. Scroll to *Add member*, **YES**.
5. Enter the first letter of the contact you want to add, **YES**. Scroll to the contact you want to add, **YES**.
6. Select a number and press **YES**.
7. To add the next member, scroll back to *Add member* and press **YES**.

Touch tone services

You can save a phone number together with tone signals and codes. When used, the number and all the tone signals and codes are dialled automatically. This is useful when accessing an answering machine or when using telephone banking services.

To save a phone number with tone signals and codes

1. Scroll to *Phone book*, **YES**, *Add contact*, **YES**.
2. Press **YES** and enter the name that you want to associate with the phone number and code. Press **YES**.
3. Enter the phone number. Press and hold ***6** until the pause character *p* appears in the display. Enter the code, if needed, enter another pause, another code and so on. Press **YES**.
4. Scroll to *Save and Exit?*, **YES**.

Text and chat messages

You can use the Short Message Service (SMS) to send and receive text messages consisting of up to 160 characters. The number of characters can vary, depending on what services your network operator supports.



If the number to your service centre is not saved on your SIM card, you must specify the number yourself. Otherwise you cannot reply to received messages or send your own. This also applies to chat messages. See “Mobile chat” on page 25.

To check the service centre number

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

Note: *The number to your service centre is provided by your operator.*

Sending a Text Message

- You can send a text message, and also insert pictures, melodies, sounds and animations in it. When you send messages containing such items, you use the Long messages function. See “Long messages” on page 24.

Sending text messages

For information about entering letters, see “Entering letters” on page 16.

To write and send a text message

1. Scroll to *Messages*, **YES**, *SMS*, **YES**, *Write new*, **YES**.
2. Write your message, **YES**.
3. Enter the recipient's phone number or retrieve a number or a group from the phone book.
4. Press **YES** to send the message.

Note: *If you send a text message to a group, you are charged for each member of that group.*

If you want to send the message later, press **NO** twice when you are asked to enter the phone number. The message is saved in the *Unsent* list in the *Message* menu.

To insert an item in a text message

1. Scroll to *Messages*, **YES**, *SMS*, **YES**, *Write new*, **YES**.
2. Write your message, **YES**.
3. Select *Picture*, *Sound*, *Melody* or *Animation*, **YES**.
4. Select an item, **YES**. Then press **YES** again to confirm.

Receiving text messages

When you receive a text message, the phone beeps and the message *New message Read now?* appears.

- Press **YES** to read the text message, or **NO** if you want to read the message later. The message is saved in *Inbox*.
- When you have read the text message, press **YES** to select one of the following options: *Reply*, *Forward* or *Delete* the text message.
- 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.
- Press **NO** to close the text message.

To save an item in a text message

When the e-mail address, phone number, WAP address, picture, animation or melody is highlighted, press **YES**. Then select to save the item and press **YES**.

- A picture or animation is saved in *My Pictures*.

- A melody is saved in *My melodies*.
- An e-mail address or phone number is saved in *Phone book*.
- A WAP address is saved in *Bookmarks*.

Long messages

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

To turn long messages on

- Scroll to *Messages*, **YES**, *Options*, **YES**, *SMS*, **YES**, *Long messages*, **YES**, *On*, **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**, *SMS*, **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 the message options below, or you can turn on the *Set on send* option which means that you choose the settings each time you send a message.

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

To set a default message option

1. Scroll to *Messages*, **YES**, *Options*, **YES**, *SMS*, **YES**.
2. Select an option, **YES**.
3. Select *Set default*, **YES**.
4. Select an option from the list, **YES**.

To turn set on send on or off

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

To request a status report

1. Scroll to *Messages*, **YES**, *SMS*, **YES**, *Sent items*, **YES**.
2. Select a message, press **YES** twice.
3. Select *Status request*, **YES**.

To check the status of a sent message

- Scroll to *Messages*, **YES**, *SMS*, **YES**, *Sent items*, **YES**, select a text message, **YES**, *View status*, **YES**.

Mobile chat

The mobile chat function works in the same way as a chat on the Internet.

To start a chat session

1. Scroll to *Messages*, **YES**, *Chat*, **YES**.
2. Enter the recipient's phone number, or retrieve it from the phone book.
3. Write your message, **YES**.

Receiving a chat session invitation

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

- To read the chat message, press **YES**.
- Write your chat message reply and press **YES**.
- To suspend a chat session, press **NO**.
- To resume a chat session, scroll to *Messages*, *Chat*, *Resume*.
- To end a chat session, press and hold **NO**.
- To reject a chat message, press **NO**. The rejected chat message is saved in *Inbox* in the *Messages* menu.
- If you receive a new chat message while another chat session is ongoing, press **YES** to end the ongoing session and start the new one.

Calendar

To add a new appointment

1. Scroll to *Extras*, **YES**, *Calendar*, **YES**, *Add appointment*, **YES**.
2. Select the type of appointment, **YES**.
3. Press **YES** and enter a subject, location and description if required, **YES**.
4. Scroll to *Continue?*, **YES**.
5. Scroll to and enter start date, time, end date, time (if required), **YES**.
6. Scroll to *Continue?*, **YES**.
7. Select a reminder interval, for example *5 min before*, **YES**.

Note: If you select *Oth. reminder*, enter a reminder date, **YES** and time, **YES**.

8. If the appointment is recurrent:
 - Select *Recurrent app.* from the options list, **YES**.
 - Select the recurrence you want, **YES**.
 - If you want to set an end date, select *Set end date*, **YES**. Enter a date, **YES**.

If you want to change the class for your appointment:

- Select *Class*, **YES**.
- Select the class you want, **YES**.

If you want to set the time zone for a meeting:

- Select *Time zone*, **YES**.
 - Select a time zone, **YES**. Your meeting time will be adjusted automatically according to the time zone you are in.
9. Confirm with *Save and exit?*, **YES**.

To add a new task

1. Scroll to *Extras*, **YES**, *Calendar*, **YES**, *Add task*, **YES**.
2. Select a task, **YES**.
If you select phone call, enter a number, **YES**.
If you select message, select a type of message, **YES**.
3. Press **YES** and enter a subject. Scroll to *Descr.*, **YES** and enter a description.
4. Scroll to *Continue?*, **YES**.
5. Confirm with *Save and exit?* from the options list, **YES**.

Note: If you want to set a reminder, scroll to *Set reminder*, **YES**. Enter a reminder date, **YES**.

Viewing your calendar

To view your calendar, scroll to *Extras*, **YES**, *Calendar*, **YES**.

In the monthly or weekly views, you can go to next by pressing **C** or go to next week quickly

by pressing **3**, to next month by pressing **6** and to next year by pressing **9**. You can go back by pressing **C** or go back quickly by pressing **1** for a week, **4** for a month or **7** for a year. To reach the current day, press.

To edit or delete an appointment

1. In the calendar, scroll to the day of the appointment you want to edit, **YES**, select the appointment, **YES**. If you want to delete the appointment, press **C**.
2. To edit, press **YES** again to open the appointment.
3. Press **YES** again to go to the list of options.
4. Select *Edit this*, **YES**.
5. Proceed as described in “To add a new appointment” on page 26.
6. Confirm with *Save and exit?*, **YES**.

To edit or delete a task

1. Scroll to *Extras*, **YES**, *Calendar*, **YES**, *View all tasks*, **YES**.
2. Scroll to the task you want to edit.
If you want to delete the task, press **C**.
3. To edit, press **YES** again to open the task.
4. Press **YES** again to go to the list of options.
5. Select *Edit this*, **YES**.

6. Proceed as described in “To add a new task” on page 26.

7. Confirm with *Save and exit?*, **YES**.

Calendar settings

To view your calendar options

- Scroll to *Extras*, **YES**, *Calendar*, **YES**, *Options*, **YES**, and then select one of the following:
 - *Status*. Check synchronization and available space.
 - *Class view*. View private or public calendar entries or both.
 - *Reminders*. Works even if the phone is off.
 - *Profile switch*. Switch to *On*, the question *Switch profile?* appears when, for example, a meeting is about to start. Press **YES** to view the list of profiles.

Synchronization

To synchronize the calendar and contacts in your phone with those in your PC, you need to install the synchronization program on your PC.

If you have an Internet calendar or phone book, you can also synchronize that with your phone calendar and contacts, using WAP.

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

- For synchronization with nearby devices, use the cable.
- For synchronization with your Internet calendar or phone book, use WAP.

To start the synchronization

1. Scroll to *Extras*, **YES**, *Synchronization*, **YES**, *Synchronize*, **YES**.
2. Select the synchronization method you want to use and press **YES**.

Synchronization Sound

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

To turn the synchronization sound on or off

1. Scroll to *Extras*, **YES**, *Synchronization*, **YES**, *Sound*, **YES**.
2. Select *On* or *Off* and press **YES**.

To make the WAP synchronization settings

1. Scroll to *Extras*, **YES**, *Synchronization*, **YES**, *Server settings*, **YES**.
2. Select *WAP profile*, **YES**.
3. Select *Server userid*, **YES**. Enter your user id.
4. Select *Server pwd*, **YES**. Enter your password.
5. Select *Server URL*, **YES**. Enter the Internet address.
6. Select *Phone book path*, **YES**.
Enter the Internet address, user id and password for your phone book on the Internet.
7. Select *Calendar path*, **YES**.
Enter the Internet address, user id and password for your calendar on the Internet.

Using mobile Internet

Ericsson Mobile Internet

The **Ericsson Mobile Internet** is a service supplied by Ericsson to make it easier for you to communicate and receive information quickly, wherever you are. It gives you access to various messaging services, on-line customer services, user's guides and other useful information. Some WAP profiles can be set up from your PC at the Ericsson Mobile Internet. You can also download communications software to ensure you get the best out of your Ericsson products.

You can access the Ericsson Mobile Internet via the WAP browser in your phone and via the Internet browser on your computer.

Before you start

To use the mobile Internet you need

1. A phone subscription that supports data transmission.
2. A correctly set data account for access to an Internet server.
3. A correctly set WAP profile for WAP browsing.
4. Correctly set e-mail account settings for e-mail messaging.



Note: *The settings may already be entered when you buy the phone, or you can receive the settings from your network operator or your service provider in a text message.*

To request settings from Ericsson Mobile Internet

1. Use a PC to go <http://www.ericsson.com/consumers>. By using the WAP and E-mail Configurator, you can request that a text message be sent to your phone with the settings you need.
2. When the message arrives, *New settings. Install?* appears:
 - Press **YES** to install the new settings or
 - Press **NO** to cancel installation. A new request for settings is then required, as in step 1.

Using WAP

To select a WAP profile

1. Scroll to *WAP services*, **YES**, *Select profile*, **YES**.
2. Select a WAP profile, **YES**.

To start browsing

There are three different ways in which you can start browsing:

- Press and hold the access key to connect to your homepage from standby, or

- Press the access key, select a bookmark, **YES**, or
- Scroll to *WAP services*, **YES**, *Enter address*, **YES**, Enter the WAP address, **YES**.

To exit the browser

- Press and hold **NO**. *Remain connected?* appears.
 - Disconnect completely, press **NO**.
 - Leave the browser temporarily but stay connected, press the access key and select *Go to menu*.

Options When Browsing

When browsing, you can reach different browsing options such as links or special features by pressing the access key. The options may vary depending on the WAP page you are visiting.

To change the homepage of a WAP profile

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**.
2. Select the profile whose homepage you want to change, **YES**.
3. Scroll to *Chg homepage*, **YES**.
4. Enter the name of the homepage, **YES**.
5. Enter the address of the homepage, **YES**.

To work with your bookmarks when not browsing

1. Scroll to *WAP services*, **YES**, *Bookmarks*, **YES**.
2. Select the bookmark you want to work with, **YES**.
3. Select one of the following submenus, **YES**:
 - *Go to bookmark*. Go to the marked WAP page.
 - *Edit bookmark*. Edit the name and/or the WAP address of the bookmark.
 - *Delete*. Delete the bookmark.
 - *Send as link*. This creates a text message in which the WAP address is sent as a link. You can add a comment if you wish.

To empty the cache memory

1. Scroll to *WAP services*, **YES**, *Clear cache*, **YES**.
2. *Empty cache?* appears, **YES**.

Security

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

To turn on a secure connection

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**.
2. Select the profile you want to edit.
3. Select *Gateway*, **YES**, *IP settings*, **YES**, *Security*, **YES**.
4. Select *On*, **YES**.

To check the certificates in your phone

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Common*, **YES**.
2. Scroll to *Security*, **YES**, select *Trusted certif.* or *Client certif.*, **YES**.

Locks (PIN codes)

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

Note: *These codes are supplied by your network operator or service provider.*

A *Locks* setting may appear in the *Security* sub menu.

To go to the Locks menu

- Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Common*, **YES**, *Security*, **YES**, *Locks*, **YES**.

Transaction contracts

You can check which transactions you have made with your phone when browsing. Each time you confirm a transaction with your signature lock code, a record is saved in your phone. The contract contains details of the transaction.

To check your transaction records

- Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Common*, **YES**, *Security*, **YES**, *Contracts*, **YES**.

WAP push messages

A service provider can send updated news or new WAP settings to your phone in a push message.

Accepting or rejecting push messages

If you do not want to receive push messages, you can turn off the Push access. This setting is valid for all your WAP profiles.

To turn the push access on or off

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Common*, **YES**, *Push access*, **YES**.
2. Select *On* or *Off*.

Receiving push messages

When you receive a push message, it comes to the *Push inbox*. You can respond to a push message as follows:

- *Postpone*. Saves the push message so that you can load and see it later.
- *Load*. The browser starts and loads the pushed WAP page.
- *Delete*. Deletes the push message.

E-mail

You can use your phone to send and receive e-mail messages.

Note: *You need a subscription that supports data transmission. For more information, consult your service provider.*

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**, *Compose*, **YES**.
2. Select:
 - *To*: then *add name*, enter an e-mail address, or retrieve an e-mail address from the phone book. You can also retrieve a saved address from received messages in your inbox.
 - *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**, select *Continue*, **YES**.
3. Select one of the following:
 - *Send now*: The e-mail message is sent.
 - *Send now with attachment*: You can attach a picture from “*My pictures*”. 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 *Drafts*.
- When you select the *Send & Receive* option in the *E-mail* menu, all messages in the *Outbox* are sent.

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, go to the *Inbox* in the *E-mail* menu to read them.

To reply to an e-mail message

1. Open the e-mail message.
2. Place the cursor in the text and press **YES**.
3. Select *Reply* or *Reply all*, **YES**.
4. Select *New message* or to include the message you received, press **YES**.
5. Write a message, **YES**.

To save an e-mail address or a phone number

1. When the e-mail address or phone number is highlighted, press **YES**.
2. 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.
3. Place the cursor in the text and press **YES**.
 - Select *Copy to arch*, **YES**. The text can be found in *Archive* under the *E-mail* menu.

Profiles

A profile is a group of settings which suit a certain environment. Some phone accessories select a profile automatically. For example, when you place your phone in a car handsfree unit, the *In car* profile is chosen. There are seven pre-programmed profiles:

- *Normal, Meeting, In Car, Outdoors, Port h-free* (portable handsfree), *Home* and *Office*.
If you select a profile other than *Normal*, an icon is shown in standby. See “Icons” on page 66.

A profile with no accessories associated with it, such as *Meeting* or *Normal*, must be chosen manually.

To select a profile

1. Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Select profile*, **YES**.
2. Select a profile and press **YES**.

Changing the profile settings

You cannot create more profiles, but you can change the settings for a profile.

To change a profile setting

1. Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Edit profile*, **YES**.
2. Select a setting and press **YES**.
3. Change the profile setting according to your wishes.
The settings remain until you change them again.

To change the name of a profile

1. Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Edit profile*, **YES**, *Profile name*, **YES**.
2. Enter a new name and press **YES**.

To reset the profile settings

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

Accessories

A specific profile is chosen automatically when you use the phone together with a certain accessory.

Adding accessories to a profile

You can add one or more accessories to any profile, except the *Normal* profile.

To add an accessory to a profile

1. Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Edit profile*, **YES**, *Accessories*, **YES**.

Now you are in the list of the accessories already associated with the profile.

2. Select *Add accessory?* and press **YES**.
3. Select an accessory and press **YES**.

To remove an accessory from a profile

1. Scroll to *Settings*, **YES**, *Profiles*, **YES**, *Edit profile*, **YES**, *Accessories*, **YES**.
2. Scroll to the accessory that you want to remove and press **C**. Press **YES**.

Voice control

With your phone, you can:

- Voice dial – call someone by saying the name and number type.
- Answer and reject calls with your voice when using a handsfree kit.
- Change profile with your voice.
- Activate the voice control by saying a “magic word”. You can save up to 50 voice commands altogether.

To turn voice dialling on and record number types

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice settings*, **YES**, *Voice dialling*, **YES**.
2. Select *On* and press **YES**.
3. Instructions appear. Press **YES**.
4. Select a number type and press **YES**.
5. Lift the phone to your ear, wait for the tone and say the number type that you want to record. The voice command is played back to you.
6. Press **YES** to save the voice command. If the recording is not OK, press **NO** and repeat step 5.
You also need to record voice commands for each contact, that is the name, for example “John”.

To record a contact name

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice commands*, **YES**, *Contacts*, **YES**, *Add voice*, **YES**.
2. Enter the first letter of the contact name and press **YES** or press **YES** to display all contacts.
3. Select a contact and press **YES**.
4. Follow the instructions in the display.

Caller Name

You can choose whether you want to hear the recorded voice command for a name when you receive an incoming call.

To turn the caller name on or off

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice settings*, **YES**, *Caller name*, **YES**.
2. Select *On* or *Off*.

Voice dialling

You can voice dial by saying the name of the person you want to call.

To make a call

1. From standby, press and hold **YES** until you hear a tone.

2. Release **YES**, lift the phone to your ear and say a name, for example “John”. The name is played back to you.

If you have saved several numbers for that contact:

- After a second tone, say a number type that you have recorded earlier, for example “home”.

The number type is played back to you, and the call is connected.

From standby, you can also initiate voice dialling, voice profiles and voice control of voice memos by:

- Pressing and holding the volume keys.
- Pressing and holding the handsfree button (when using a portable handsfree).
- Saying the magic word. See “The magic word” on page 37.

Voice answering

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

To turn on voice answering and record voice answer commands

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice settings*, **YES**, *Voice answer*, **YES**.
2. Press ***Ⓟ** to select the accessories you want to be able to use voice commands with.
3. Press **YES** to continue.
4. Lift the phone to your ear, wait for the tone and say “Answer”, or another word, and press **YES**. If the recording was not OK, press **NO** and repeat step 4.
5. Say “Busy”, or another word. Press **YES** to save your recordings.

To answer or reject an incoming call using voice commands

- When the phone rings, say “Answer”.
- When the phone rings, say “Busy”.

Changing profiles

You can also change profiles using your voice.

To turn on and record profile commands

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice settings*, **YES**, *Voice profiles*, **YES**.
2. Select *On* and press **YES**.

3. Instructions appear. Press **YES**.
4. Select a profile and press **YES**.
5. Lift the phone to your ear, wait for the tone and say the profile name. Repeat steps 4 and 5 to record voice commands for the other profiles.

To change a profile using voice commands

1. From standby, press and hold **YES** until you hear a tone.
2. Release **YES**, lift the phone to your ear and say the profile command for the required profile.

The magic word

You can record a magic word and use it as a voice command. Instead of pressing and holding **YES**, you say the magic word and then one of your recorded voice commands. The magic word is ideal when driving a car or when the phone is connected to a portable handsfree.

To turn on and record the magic word

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice settings*, **YES**, *Magic word*, **YES**.
2. Select the accessories you want to be able to use with the magic word by pressing ***Ⓟ**. Press **YES**.
3. Lift the phone to your ear, wait for the tone and say the magic word.

To re-record a voice command

1. Scroll to *Settings*, **YES**, *Voice control*, **YES**, *Voice commands*, **YES**.
2. Select the type of voice command and press **YES**.
3. Select a voice command and press **YES**.
4. Select *Replace voice* and press **YES**.
To listen to a recorded voice command, select *Play voice*.
5. Lift the phone to your ear, wait for the tone and say the command.
You can also edit the voice command for a contact name in *Edit contact* in the *Phone book* menu.

Problems when recording

If problems arise, one of the following might have happened:

- You spoke too softly, too late, or too soon.
- You held the phone too far away – hold it as you do during a call.
- The voice command was too short – it should be around one second long.

Voice mail service

The answering service of your network allows callers to leave a voice message. You can save the number of your voice mail service to be able to call your voice mail service by simply pressing and holding **1**. The number is provided by your network operator.



To save your voice mail number

1. Scroll to *Messages*, **YES**, *Options*, **YES**, *Voice mail no.*, **YES**.
2. Enter your voice mail number and press **YES**.

To call your voice mail service

- Press and hold **1** from standby mode, or
- Scroll to *Messages*, **YES**, *Call voice mail*, **YES**.

To change the message alert signal

1. Scroll to *Messages*, **YES**, *Options*, **YES**, *Message alert*, **YES**.
2. Select a signal and press **YES**.

Diverting calls

You can use the *Divert calls* service to divert incoming calls to another phone number when you are unable to answer.

To turn on the divert calls function

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Divert calls*, **YES**.
2. Select a call type and press **YES**.
3. Select a divert alternative and press **YES**.
4. Select *Activate* and press **YES**.
5. Enter the phone number, including the area code, to which you want your calls to be diverted and then press **YES**.

To check the status of divert calls

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Divert calls*, **YES**.
2. Select a call type and press **YES**.
3. Scroll to the divert you want to check and press **YES**.
4. Select *Get status* and press **YES**.

Fax and data calls

For fax and data calls, connect your phone to a PC and start the appropriate software program. If you have separate numbers for voice, fax and data calls, your phone will recognize the type of call.

To receive a fax or data call (separate numbers)

- Connect to a PC and answer from within the software program.

One number

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

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

To set the next incoming call type

1. Scroll to *Call Info*, **YES**, *Next Call*, **YES**, *Next Incoming*, **YES**.
2. Select the call type you want and press **YES**.

More than one call

You can handle more than one call simultaneously.




Call waiting service

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

To turn on the call waiting service

- Scroll to *Settings*, **YES**, *Call options*, **YES**, *Call waiting*, **YES**, *Activate*, **YES**. There may be a short delay before the network responds.

To make a second call

1. Put the ongoing call on hold by pressing **YES**.
2. Enter the number you wish to call and press **YES** or press and hold  to retrieve the number from your phone book.

To put the ongoing call on hold and answer the waiting call

- Press **YES** to answer the waiting call.
The ongoing call is now put on hold.

To continue the ongoing call and reject the waiting call

- Select *Busy* and press **YES**.
The waiting call is rejected.

To end the ongoing call and answer the waiting call

- Select *Release & answer* and press **YES**.

Handling Two Calls

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

To switch between the two calls

- Press **YES**.

To end the ongoing call and return to the call on hold

1. Press **NO**. The question *Retrieve call?* appears.
2. Press **YES**.
If you press **NO**, the call on hold is also ended.

To end both calls

- Scroll to *Ongoing call*, **YES**, *Release all*, **YES**.

To connect the two calls

- Scroll to *Ongoing call*, **YES**, *Transfer call*, **YES**.



The two calls are now connected to each other, and you are disconnected from both. Please contact your network operator for charging details.

To join the two calls into a conference call

- Scroll to *Ongoing call*, **YES**, *Join calls*, **YES**. See “Conference calls” on page 41.

Receiving a third call

You cannot answer a third call without ending one of the first two calls unless you create a conference call.

To end the ongoing call and accept the waiting call

- Select *Release & answer* and press **YES**.

The waiting call becomes active and the call on hold remains on hold.

To reject the waiting call

- Select *Busy* and press **YES**. The caller hears a busy tone.
The third call is rejected.

Conference calls

In a conference call, you can have a joint conversation with up to four other people.



Creating a conference call

To create a conference call, you must 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 group on hold.
2. Call the next person you wish to include in the conference group.
3. Scroll to *Ongoing call*, **YES**, *Join calls*, **YES**.

To extract a participant

1. Scroll to *Ongoing call*, **YES**, *Extract part*, **YES**.
2. Select the participant and press **YES**.

You may now have a private conversation with the participant.

To rejoin the participant to the conference group

- Scroll to *Ongoing call*, **YES**, *Join calls*, **YES**.

To release a participant

1. Scroll to *Ongoing call*, **YES**, *Release part*, **YES**.
2. Select the participant and press **YES**.

To release all participants

- Scroll to *Ongoing call*, **YES**, *Release all*, **YES**.

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

1. Press **YES**.
2. Enter the number you want to call and press **YES**.

To switch between the new call and the conference group

- Press **YES**.

To end the new call and return to the conference group

- Press **NO** and then **YES**.

To end the conference call

- Press **NO**.

Call time and call cost

To check the call time of the last call

- Scroll to *Call info*, **YES**, *Call timers*, **YES**, *Last Call*, **YES**.

You can also check the time of outgoing calls and the total call time.



To reset the total call time

1. Scroll to *Call info*, **YES**, *Call timers*, **YES**, *Reset timers*, **YES**.
2. Select *Total time* or *Outgoing time* and press **YES**.

To check the cost of the last call

- Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Last call*, **YES**.

To check the total call cost

- Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Total cost*, **YES**.

To reset the total call cost

1. Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Clear total cost*, **YES**.
2. Press **YES** to confirm your choice.

Setting the call cost

You can use the *Tariff* function to specify the price per call unit. The price entered is saved on your SIM card.

To enter the price per call unit

1. Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Set tariff*, **YES**.
2. Enter your PIN2 and press **YES**.
3. Select *Change tariff* and press **YES**.
4. Enter the currency you want, for example GBP for Pounds Sterling, and press **YES**.
5. Enter the price per call unit, for example 0.75, and press **YES**. To enter a decimal point, press ***.0**.

To revert to call units

1. Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Set tariff*, **YES**.
2. Enter your PIN2 and press **YES**.
3. Select *Units* and press **YES**.

Credit limit for calls

You can enter a total amount of money that can be used for making calls.

To set a specific credit limit

1. Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Set credit*, **YES**.
2. Enter your PIN2 and press **YES**.
3. Select *Change credit* and press **YES**.
4. Enter the amount, for example 30 pounds, and press **YES**.

To set unlimited credit

1. Scroll to *Call info*, **YES**, *Call costs*, **YES**, *Set credit*, **YES**.
2. Enter your PIN2 and press **YES**.
3. Select *Unlimited* and press **YES**.

To turn the minute minder on or off

1. Scroll to *Call info*, **YES**, *Call timers*, **YES**, *Minute minder*, **YES**.
2. Select *On* or *Off* and press **YES**.

Networks

Searching for networks

When you turn on the phone, it searches for the last accessed network. If this is not within range, you may be able to use another network.



To start an automatic network search

- Scroll to *Settings*, **YES**, *Networks*, **YES**, *New search*, **YES**.

To select a network

- Scroll to *Settings*, **YES**, *Networks*, **YES**, *Select network*, **YES**. Select a network and press **YES**.

Preferred Networks

You can create and edit a list that defines the order in which your phone selects a network during an automatic network search, when your home network is not within range.

To view the list of networks

- Scroll to *Settings*, **YES**, *Networks*, **YES**, *Preferred nets*, **YES**.

To add a network to the list

1. Scroll to *Settings*, **YES**, *Networks*, **YES**, *Preferred nets*, **YES**, *Add new?*, **YES**.
2. Scroll to a network and press **YES**.
If the network you want does not appear in the list, scroll to *Other* and press **YES**. Enter the three-digit country number and the two-digit network number and press **YES**. For details, please contact your network operator.
3. Enter a position number and press **YES**.

To rearrange the list

1. Scroll to *Settings*, **YES**, *Networks*, **YES**, *Preferred nets*, **YES**.
2. Scroll to a network and press **YES**.
3. Select *Change priority* and press **YES**.
4. Enter the new position within the list and press **YES**.

To turn on the automatic or manual search mode

1. Scroll to *Settings*, **YES**, *Networks*, **YES**, *Search mode*, **YES**.
2. Select *Automatic* or *Manual*, and press **YES**.

Security

You can protect your phone and subscription from unauthorized use in several ways.

Locking the SIM Card

The SIM card lock protects your subscription, but not your phone itself, from unauthorized use. If the SIM card lock is on, you have to enter your PIN every time you turn on your phone. If you enter your PIN incorrectly three times in a row, your SIM card is blocked. You need the PUK (Personal Unblocking Key) which is supplied by your network operator to unblock it.

To unblock your SIM card

1. *PIN blocked* appears.
2. Enter your PUK (or PUK2) and press **YES**.
3. Enter a new four-to-eight-digit PIN (or PIN2) and press **YES**.
4. Re-enter the new PIN (or PIN2) to confirm and press **YES**.

Note: *If you enter the wrong PUK ten times in a row, your card is permanently blocked. If this happens, you should contact your network operator.*

To change your PIN

1. Scroll to *Settings*, **YES**, *Locks*, **YES**, *SIM lock*, **YES**, *Change PIN*, **YES**.
2. Enter your old PIN and press **YES**.
3. Enter your new PIN and press **YES**.
4. Re-enter your new PIN to confirm and press **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*, enter your PIN and press **YES**.

Locking the phone

The phone lock protects the phone against unauthorized use if it is stolen and the SIM card is exchanged. You can change the phone lock code (0000) to any four-to-eight digit code.

Changing the phone lock code

- Scroll to *Settings*, **YES**, *Locks*, **YES**, *Phone lock*, **YES**, *Change code*, **YES**. Follow the steps described in “To change your PIN” on page 45.

To set the phone lock to on, automatic or off

1. Scroll to *Settings*, **YES**, *Locks*, **YES**, *Phone lock*, **YES**, *Protection*, **YES**.
2. Select *On*, *Automatic* or *Off*. The current setting is not available in the list.
3. Enter the phone lock code and press **YES**.

Note: *If you should forget your new code, you have to hand in your phone to your local Ericsson retailer or service point to have the phone unlocked.*

Restricting calls

You can use the *Restrict calls* service to restrict certain types of calls.

To turn a call restriction on or off

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Restrict calls*, **YES**.
2. Scroll to an option and press **YES**.
3. Select *Activate* or *Cancel* and press **YES**.
4. Enter your password and press **YES**.

Fixed dialling

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

Note: *Emergency calls can still be made, even when Fixed dialling is on.*

To turn fixed dialling on or off

1. Scroll to *Phone book*, **YES**, *Options*, **YES**, *Fixed dialling*, **YES**.
2. Enter your PIN2 and press **YES**.
3. Select *On* or *Off* and press **YES**.

To save fixed numbers

1. Scroll to *Phone book*, **YES**, *Special numbers*, **YES**, *Fixed numbers*, **YES**, *Add new?*, **YES**.
2. Enter your PIN2 and press **YES**.
3. Enter the fixed number and press **YES**.
4. Enter the name you want to associate with the number and press **YES**.

Closed user groups

The *Closed user group* function is another way of lowering call costs. On some

networks it is cheaper to make calls within a call group. Your network operator can place certain numbers in groups. You can have a maximum of 10 groups.

To add a closed user group

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Closed groups*, **YES**, *Edit list*, **YES**.
2. Scroll to *Add new?* and press **YES**.
3. Enter the name of the user group and press **YES**.
4. Enter the index number of the group and press **YES**.
The index numbers are provided by your network operator.

To activate a closed user group

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Closed groups*, **YES**, *Edit list*, **YES**.
2. Scroll to the group you want and press **YES**.
3. Select *Activate* and press **YES**.
Calls can be made only within the selected user group.

To call outside closed user groups

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Closed groups*, **YES**, *Open calls*, **YES**.
2. Select *On* and press **YES**.

Accepting calls

With the *Accept calls* service, you can choose to receive calls only from certain numbers. You have to save the numbers in an *Accepted list*. The phone numbers are saved in the *Call list* in the *Call info* menu.

To add numbers to the list of accepted callers

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Accept calls*, **YES**, *Edit list*, **YES**, *Add to list?*, **YES**.
2. Select *Phone book*. Enter the first letter of the contact or group and press **YES**.
3. Scroll to the number or group you want to add, **YES**.

To set the accept options

1. Scroll to *Settings*, **YES**, *Call options*, **YES**, *Accept calls*, **YES**, *Accept options*, **YES**.
2. Select an option, **YES**.

Code memo

You can save a maximum of 10 codes. Instead of having to remember all the security codes you use, you can save them in the code memo.

Checkword and security

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

To open code memo for the first time

1. Scroll to *Extras*, **YES**, *Code memo*, **YES**.
A message with instructions appears.
2. Press **YES**.
3. Enter a four-digit password to open code memo and press **YES**.
4. Re-enter the new password to confirm.
5. Enter a checkword (maximum 15 characters) and press **YES**.

The checkword can consist of both letters and numbers. To enter a number, press and hold the key.


To add a new code

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

To open code memo

1. Scroll to *Extras*, **YES**, *Code memo*, **YES**.
2. Enter your password and press **YES**.
Your entered checkword appears. When the decrypting process has finished, your codes are shown.

To delete a single code

1. Open code memo as described above.
2. Scroll to the code you want to delete and press .
3. *Delete?* appears. Press **YES**.

To edit a code

1. Open code memo as described above.
2. Scroll to the code you want to edit and press **YES**. Press **YES** again.
3. Select *Edit* and press **YES**.
4. Enter the name and press **YES**, enter the code and press **YES**.

Changing the password

1. Open code memo as described above.
2. Scroll to *Options*, **YES**, *Chg password*, **YES**.
3. Enter your new password and press **YES**.
4. Re-enter the new password and press **YES**.
5. Enter a checkword and press **YES**.

Forgot your password?

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

To reset code memo

1. Scroll to *Options*, **YES**, *Reset*, **YES**.
2. *Reset code memo?* appears. Press **YES**.

Two voice lines

If your subscription supports the **Two line service**, your phone has two voice lines with different phone numbers. When you buy your phone, the names of the lines are normally line 1 and line 2, but you can change their names.



To change the name of a line

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Edit line tags*, **YES**.
2. Select a line, **YES**.
3. Enter a new name, **YES**.

Changing lines

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



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

To change phone lines

1. Scroll to *Call info*, **YES**, *Next call*, **YES**.
2. Select *Switch to line 1* or *Switch to line 2*, **YES**.

Locking one line

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

To lock a phone line

1. Scroll to *Settings*, **YES**, *Locks*, **YES**.
2. Select the phone line you want to lock: *Lock line 1* or *Lock line 2*, **YES**.
3. Enter your PIN2, **YES**.

To unlock a phone line

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

Calling card calls

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



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

To turn on the calling card service

1. Scroll to *Phone book*, **YES**, *Options*, **YES**, *Set calling cards*, **YES**.
2. Enter your phone lock code, **YES**.
Select *On*, **YES**.

To save a card number

1. Scroll to *Phone book*, **YES**, *Calling cards*, **YES**.
2. Enter your phone lock code, **YES**.
3. Select *Add new?*, **YES**.
4. Enter the access number of the calling card server, **YES**.
5. Enter a name that you want to associate with your calling card server, **YES**.

6. Enter the verification code of the calling card server, **YES**.
7. Select which you want to send first – the number that you want to call or the verification code – and press **YES** to confirm your choice.

To edit a card number

1. Scroll to *Phone book*, **YES**, *Calling cards*, **YES**.
2. Scroll to the card number that you want to edit, **YES**.
3. Select *Edit* and edit the card number.
4. Press **YES** to confirm the new number.


Choosing a card

If you have saved two card numbers, you must choose which card you want to use before making a calling card call.

To select a card

1. Scroll to *Phone book*, **YES**, *Calling cards*, **YES**.
2. Enter your phone lock code, **YES**.
3. Select the card that you want to use, **YES**.
4. Select *Activate card*, **YES**.

Making a calling card call

1. Enter the phone number you wish to call or retrieve it from the phone book by pressing and holding .
2. Press and hold **YES**.
The access number of the calling card server is called. During the connecting phase, you are asked to send the phone number that you want to call and the verification code, in the order chosen earlier (see above).
3. Press **YES** when the display shows *Send* or wait a few seconds and the number and code are sent automatically.

Games

Your phone has four games: Biorhythm, Game, E-Maze and Tetris®.

To start a game

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

To control the games, use the keys as follows:

Up = (2)

Down = (8)

Left = (4)

Right = (6)

Pause = (C)

Select/deselect = (5)

Save and quit = **NO**

Confirm = **YES**

Undo = (#)

Reset = (*4)

Shoot or Rotate = (5)

Biorhythm

It is believed that a human's life is controlled by three cycles – physical, emotional and intellectual – which all start on the day of birth. Enter your

birthday, and today's date to start *Biorhythm*. If a curve crosses the zero line at a certain date, that day is said to be a critical day. When the curve is below the zero line, you may, for example, feel tired or have bad luck, but if the curve is above the zero line, you may have an energetic, lucky day.

Game

The aim of *Game* is to shoot the alien invaders before they kidnap and kill all humans on the planet. You control a fighter craft equipped with a gun and smart bombs.

E-Maze

The aim of *E-Maze* is to collect as many dots as possible, and to avoid being eaten by the monsters. If you collect the bullets in the corners of the playing board, you can fire at the enemy. For bonus points, collect the diamond when it appears.

Tetris®

The aim of *Tetris* is to prevent the blocks from reaching the top of the playing board. Each time you fill a line, that line disappears.

Extras

Alarm clock

To set an alarm

1. Scroll to *Extras*, **YES**, *Time*, **YES**, *Alarms*, **YES**, *Alarm*, **YES**.
2. Enter the time and press **YES** to confirm your setting.

Note: 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 set a recurrent alarm

1. Scroll to *Extras*, **YES**, *Time*, **YES**, *Alarms*, **YES**, *Recurrent alarm*, **YES**.
2. Enter the time and press **YES**.
3. Press *** ⏲** to select the days you want to recur. Press **YES** to exit the menu.
You can view the days in the *Recurrence rule* sub-menu.

To change the alarm signal

1. Scroll to *Settings*, **YES**, *Sounds & alerts*, **YES**, *Alarm signal*, **YES**.
2. Select a signal, **YES**.

To run the stopwatch

1. Scroll to *Extras*, **YES**, *Time*, **YES**, *Stopwatch*, **YES**.
2. Press **YES** to start the stopwatch. Press **YES** again to stop it.

By pressing **#** when the stopwatch is running, you can save up to nine lap times. Press **◀** or **▶** to check your saved lap times.

To reset the stopwatch

- Press **C** when the stopwatch is not running.

To set the timer

1. Scroll to *Extras*, **YES**, *Time*, **YES**, *Timer*, **YES**.
2. Enter the hours, minutes and seconds and press **YES**.
When the alert sounds, press any key to turn it off.

Calculator

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

- Press **#** to get +, -, x, /.
- Press **C** to delete the figure to the left of the cursor.
- Press *** ⏲** to enter a decimal point.

To use the calculator

In this example, we are going to divide 134 by 32.

1. Scroll to *Extras*, **YES**, *Calculator*, **YES**.
2. Enter **134**.
3. Press **#** repeatedly until the division sign (/) appears.
4. Enter **32**.
5. Press **YES** to get the answer.
6. To clear the display, press **C**.

Online services

Online services are customized services offered by network operators.



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. After the first data download and after restarting your phone, a new menu appears in your phone as the first submenu under the *Extras* menu.

To enter your new menu system

- Scroll to *Extras*, **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.*

Your network operator can download new data, for example a new feature, to your SIM card. You may be notified by a message in your display.

Troubleshooting

Here are some problems that you might have while using your phone.

Error messages concerning the SIM card

Problems related to your SIM card can be corrected by contacting your network operator.

Other problems

No indication of charging

With an empty battery it can take up to 30 minutes for the charging icon to appear in the display. However the indicator light should be constantly lit.

Master reset

You can reset the phone's settings to the way they were when you bought your phone.

Reset the battery

Press and hold **no** for 10 seconds to reset the battery. This is the same as disconnecting and re-connecting the battery if it were removable.

To reset the phone

1. Scroll to *Settings*, **YES**, *Master reset*, **YES**, *Reset settings*, **YES**.
2. Enter the phone lock code (0000) or the number you have changed it to. Press **YES**.

Number not permitted

The *Fixed dialling* function is on and the number you have dialled is not on your fixed numbers list.

Cannot access a certain function

The function or service may be dependent on your SIM card or the network. Contact your network operator.



Cannot receive any calls

- You may have diverted your incoming calls to another phone number.
- You may have set the *Accept Calls* option to *From no one* or *From list*. Select *From all*. You may have selected *Fax* or *Data* as the next incoming call.
- You may have *GPRS only* set for a data account. Select *Automatic* instead. Check with your network operator for more information.



Cannot speed dial

Your contacts are not saved on the SIM card.

Cannot access my contacts

Your contacts are not saved in the phone.

Msg waiting or memory full

Delete some old or saved messages as both the SIM card and phone memories are full.

Note: *The Reset all option deletes all contacts, e-mail messages, text messages and WAP settings.*

Important information

Guidelines for Safe and Efficient Use

Please read this information before using your mobile phone.

Your mobile phone is a highly sophisticated electronic device. To get the most out of your mobile phone, please read this text about product care, and safe and efficient use.

Product Care

- Do not expose your product to liquid or moisture or to humidity.
- Do not expose your product to extreme high or low temperatures.
- Do not expose your product to lit candles, cigarettes, or cigars, or to open flames etc.
- Do not drop, throw or try to bend the product as rough treatment could damage it.
- Do not paint your product as the paint could obstruct the earpiece, microphone or any moveable parts and prevent normal use.
- Do not attempt to disassemble your product. The product does not contain consumer serviceable components. Only Ericsson Service Points or Certified Service Centres should perform service.

- Do not use any accessories other than Ericsson originals. Use of non-Ericsson original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-Ericsson original accessories.
- Treat your product with care, keep it in a clean and dust-free place.

Antenna Care

- Do not remove the antenna yourself. If your mobile phone's antenna is damaged, please take it to an Ericsson Service Point or Certified Service Centre.
- Only use an Ericsson original antenna that has been specifically designed for your mobile phone. Use of unauthorised antennas, modifications, or attachments could damage the mobile phone and may violate the appropriate regulations, causing loss of performance and SAR levels above the recommended limits (see below).

Efficient Use

For optimum performance with minimum power consumption please:

- Hold the mobile phone as you would any other telephone.

- Do not touch the antenna when the mobile phone is in use. Touching the antenna affects call quality, may cause the mobile phone to operate at a higher power level than needed and may shorten talk and standby times. Your phone has an internal antenna and can only be accessed by an Ericsson Service Point or Certified Service Centre.
- If your mobile phone is equipped with an infrared eye, never direct the infrared ray at anyone's eye and make sure that it does not disturb any other infrared units.

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), through periodic and thorough evaluation of scientific studies. These guidelines establish permitted levels of radio wave exposure for the general population. All Ericsson mobile phone

models are designed to operate within these stringent levels. 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 phone while operating can be well below this value.

This is because the 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 phone models, all mobile phone models must be designed to meet radio frequency exposure guidelines.

A separate leaflet with SAR information for this mobile phone model is included with the material

that comes with this mobile phone. This information is also available on Ericsson's consumer website: www.ericsson.com/consumers.

More information on radio frequency exposure and SAR can be found on: www.ericsson.com/health.

* Examples of radio-frequency exposure guidelines and standards that Ericsson mobile phone models are designed to conform to:

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

- Radio Communications (Electromagnetic Radiation Human Exposure) Standard 1999, Australian Communications Authority (ACA), May 1999.

DRIVING

Please check if local laws and regulations, in the country/state where you are driving, restrict the use of mobile phones while driving. Law in many countries/states requires drivers to use a Vehicle or Portable Hands Free solution. If so, it is recommended that you use Ericsson Hands Free solutions only with this Ericsson mobile phone model.

Ericsson is concerned about your safety. Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. In addition, some vehicle manufacturers do not allow use of mobile phones in their vehicles, unless a hands free kit with an external antenna supports the installation. Check with your vehicle manufacturer's representative to be sure that your mobile phone will not affect the electronic systems in your vehicle.

Vehicles Equipped with an Air Bag

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

Electronic Devices

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

- Do not use your mobile phone near medical equipment without requesting permission.
- Mobile phones may affect the operation of some implanted cardiac pacemakers and other medically implanted equipment. Pacemaker patients should be aware that the use of a mobile phone very close to a pacemaker might cause the device to malfunction. Avoid placing the mobile phone over the pacemaker, e.g. in your breast pocket. When using the mobile phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm (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.

- If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy.
- Turn your mobile phone off in any facility where posted notices so require.

Aircraft

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

Explosive Atmospheres

Turn off your mobile phone when in any area with a potentially explosive atmosphere. It is rare, but your mobile phone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fuelling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

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

Power Supply

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

Children

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

Disposing of the Product

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

Emergency Calls

IMPORTANT!

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

Remember, in order to make or receive calls, the mobile phone must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone

networks or when certain network services and/or mobile phone features are in use. Check with your local service provider.

Battery information

Charging the battery

The battery delivered with your phone is not fully charged. We recommend that you charge the battery for 4 hours before you use the phone for the first time. If you are charging a new battery, or a battery that has run out completely, it may take up to 30 minutes before the battery meter appears in the display showing that the battery is being charged.

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

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

Battery use and care

A rechargeable battery has a long service life if treated properly. A new battery or one that has not been used for a long time could have reduced capacity the first few times it is used.

- The talk and standby times depend on the actual transmission conditions when using the phone. If the



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

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

Disposing of the Battery

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

Limited Warranty Conditions and International Service

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

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

Our Warranty

Ericsson Mobile Communications AB,
Torshamnsgatan 27, 164 80 Stockholm, Sweden,
warrants this Product to be free from defects in

material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

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

What We will Do

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

Conditions

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

after the original purchase of the Product from the dealer.

2. If Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Ericsson.
3. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with Ericsson's instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, modification or adjustment, acts of God, improper ventilation or damages resulting from liquid.
4. This warranty does not cover Product failures due to improper repair installations, modifications or service performed by a non-Ericsson Service Point or Certified Service Centre or opening of the Product by non-Ericsson certified persons.

5. The warranty does not cover Product failures which have been caused by use of non-Ericsson original accessories.
6. Tampering with any of the seals on the Product will void the warranty.
7. THERE ARE NO EXPRESS WARRANTIES, WHETHER WRITTEN OR ORAL, OTHER THAN THIS PRINTED LIMITED WARRANTY. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL ERICSSON BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL LOSS, TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY LAW.

Some countries/states do not allow the exclusion or limitation of incidental or consequential damage, or limitation of the duration of implied warranties, so

the preceding limitations or exclusions may not apply to you.

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

International Service

You can have your Ericsson Product serviced within the warranty period in any country where an **identical** Product is sold by an authorised Ericsson distributor. To find out if your Product is sold in the country you are in, please call the local Call-Centre. In order to be granted service, you have to present your original receipt specifying the date of purchase and serial number. Please observe that certain services may not be possible elsewhere than in the country of original purchase, for example due to the fact that your Ericsson Product may have an interior or exterior which is different from equivalent models sold in other countries. It may not be possible to repair SIM-locked Products.

Declaration of conformity

We, **Ericsson Mobile Communications AB** of
Torshamnsgatan 27
S-164 80 Stockholm, Sweden

declare under our sole responsibility that our product

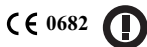
Ericsson type 110 1901-BV

to which this declaration relates is in conformity
with the appropriate standards 3GPP TS 51.010-1,
(GSM 11.10-1), ETS 300 342-1 and EN 60950,
following the provisions of, Radio Equipment and
Telecommunication Equipment directive **99/5/EC**
with requirements covering EMC directive
89/336/EEC, and Low voltage directive **73/23/EEC**.

Kista, May 18, 2001.










Place & date of issue












Anders Torstensson, President BU GSM

























Icons

This table shows icons which may appear.












Icon	Description
	Your personal phone book.
	Handling of text and voice messages.
	Handling of call time, call cost information and ongoing calls.
	Personal settings, profiles, divert calls, networks and voice control.
	Calendar, synchronization, voice memo, alarm clock and other extras.
	Gives you access to WAP services on the Internet.
	A selection of your most frequently used functions.
	Tells you the strength of the GSM network signal.
	GPRS is within range.

Icon	Description
	GPRS is within range and can be used.
	You cannot receive any incoming calls.
	Tells you the status of the battery.
	You have missed an incoming call.
	All incoming calls are diverted to a defined number. No calls or only certain calls from numbers in a list are received.
	A profile other than Normal has been chosen.
	The ring signal is turned off.
	All signals are turned off, except the alarm and timer.
	The alarm clock has been set and is on.
	You have received a text message.

Icon	Description
	You have received a voice message.
	You have received an e-mail message.
	You have received a WAP push message.
	Line 1 or 2 is in use for outgoing calls.
	Ciphering is currently not being provided by the network.
	The card lock or phone lock is on. A secure WAP connection is established.
	You are connected to a WAP page.
	An ongoing call.
	A missed call in the call list.
	An answered call in the call list.
	A dialled number in the call list.

Icon	Description
	A group of contacts in the phone book.
	A text message has not been read.
	A text message is saved on the SIM card.
	A voice message has not been checked.
	A home number in the phone book.
	A work number in the phone book.
	A mobile number in the phone book.
	A fax number in the phone book.
	A pager in the phone book.
	Another number in the phone book.
	An e-mail address in the phone book.

Icon	Description
	A voice command has been recorded for a contact name.
	An e-mail message has not been read.
	An e-mail message has been read.
	Only parts of an e-mail message are saved in the phone.
	An e-mail message, not read, has been deleted.
	The appointment is a meeting.
	The appointment is a date.
	The appointment is to travel.
	The appointment is a vacation.
	The appointment is an anniversary.
	A miscellaneous appointment.

Icon	Description
	An all-day calendar appointment.
	A recurrent calendar appointment.
	A reminder is set for a calendar appointment.
	A task in your calendar.
	A task of high priority.
	A task of low priority.
	The task is to make a phone call.
	The task is to write a message.
	The network is preferred and can be used.
	The network is forbidden and cannot be used.
	Your network is within range and can be used.

Index

A

- Accept calls service 47
- Access key 4
- Alarm clock 53
- Answered calls indicator 8
- Answering calls 36
- Arrow key 4

B

- Battery 4
 - charging 5
 - no indication of charging 55
 - reset 55

C

- Calculator 53
- Calendar 26
 - new appointments 26
 - new tasks 26
- Call cost
 - setting a credit limit 43
- Call divert. See Diverting incoming calls

- Call forwarding. See Diverting incoming calls
- Call list 8
- Call Waiting service 40
- Calling cards
 - choosing card 51
 - making a call 51
- Calling Line Identification 9
- Calls
 - answering 36
 - making 8, 36
 - missed 9
 - putting a call on hold 40
 - receiving 9
 - rejecting 9
 - switching between calls 40
 - time and cost 42
- Chat 25
- Code Memo 48
 - password 49
 - reset 49
- Conference calls 41
 - creating 41
 - extracting a participant 41

- putting conference on hold 41, 42
- releasing a participant 42
- Contacts 19
 - add a picture 21

D

- Dialled numbers indicator 8
- Display 4
- Display icons 66
- Display settings 15
- Diverting incoming calls 39

E

- Earpiece 4
- E-mail 32
- Emergency calls 8
- Extras 53

F

- Fax and data calls 39
- Fixed dialling 46
- Fixed numbers dialling 46
- Forwarding incoming calls. See diverting incoming calls
- Full lock 46

G

Games 52

H

Hiding your number 9

I

Icons in display 66

Indicator light 4

Indicators in display

answered calls 8

dialled numbers 8

missed calls 8

International calls 8

International emergency number 8

L

Language 12, 16

Local emergency numbers 9

M

Magic word 37

Making calls 36

Menus 11

Microphone 4

muting 10

Missed calls indicator 8

Mobile Internet 29

locks 31

security 30

Muting microphone 10

N

Network

preferred networks 44

selecting 44

Network services 4

Note pad 10

O

Online services 54

P

Pause 2, 22

Phone book 19

shortcuts to contacts 19

Phone lock

activating/cancelling 46

changing security code 46

full lock 46

Pictures 14

PIN

changing 45

Plus sign (+) 8

Power on/off key 4

Profiles 34

changing 34

selecting 34

using accessories 34

PUK 45

R

Resetting phone 55

S

Scroll 6

Scrolling 12

Service centre 22

Shortcuts 12

to contacts in phone book 19

Showing your number 9

SIM card 4, 54

activating, cancelling lock 45

copy to 21

copy to phone 21

inserting and removing 5

lock 45

unblocking 45

SOS calls. See Emergency calls

Speed dialling 20
Synchronization 28

T

T9™ Text Input 17
Technical data 3
Text messages
 insert item 23
 options 24
 save 23
 send 23
 templates 24
 write 23

Time settings 15
Touch tones 22
Troubleshooting 55
Turning the phone off 7
Turning your phone on 7
Two Line service 49
 changing phone lines 49

V

Voice control
 answering calls 36
 changing profiles 37

 making calls 36
 recording contact name 36
Voice mail 38
Volume
 changing 10
Volume keys 4, 7

W

WAP services
 browsing 29
 push messages 31

www.ericsson.com/consumers



EN/LZT1084771R1A

Ericsson Mobile Communications AB, SE-221 83 Lund, Sweden
EN/SW 104 283 R1A. Printed in Sweden.

