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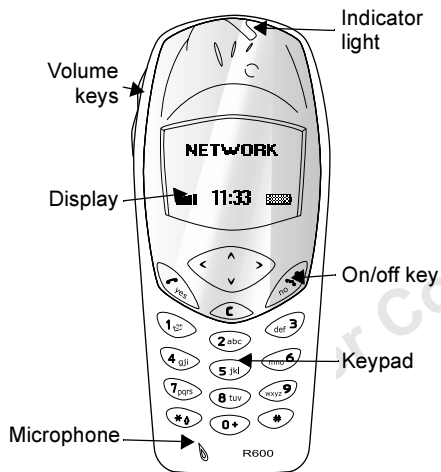
Please note:

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

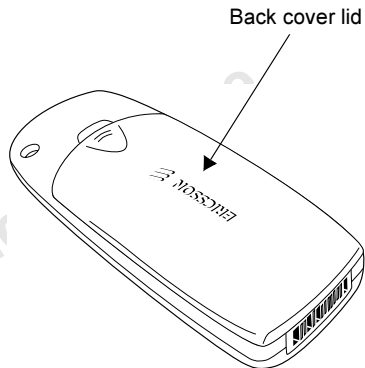
Please contact your network operator or service provider if you are in doubt whether you can use a particular service or not.

Please read the *Guidelines for safe and efficient use* and the *Limited warranty* chapters before you use your mobile phone.

Front



Back



Getting started

About this User's Guide

Some services and functions described in this User's Guide are network- and subscription-dependent. Because of this, all menus may not be available in your phone and the shortcut numbers to menus and functions may vary between phones.

This symbol indicates that a service or function is network- or operator-dependent.



Please refer to the information provided by your network operator for more information about your subscription.

We recommend that you read the chapter “Getting to know your phone” on page 7 for information about how to move through the menus.

The SIM card

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

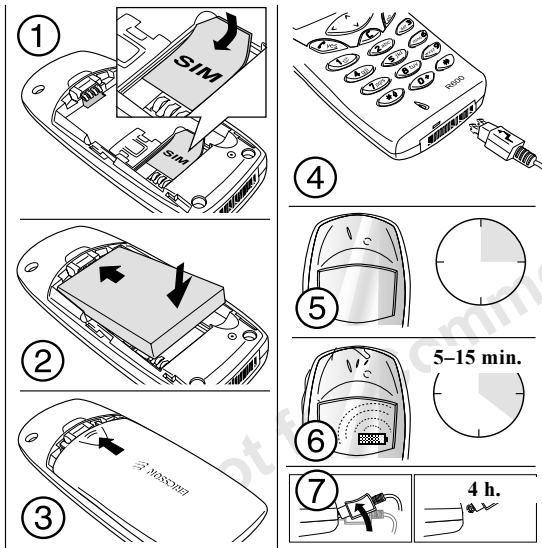
SIM cards come in two sizes. One is the size of a credit card and the other is smaller. Your phone uses the smaller card. Many credit-card-sized SIM cards have a perforated smaller card that you can take out easily.

Assembly

Before you can use your phone you need to:

- insert the SIM card.
- attach and charge the battery.

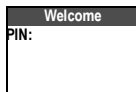
Note: *Always turn off the phone and detach the charger before you insert or remove a SIM card.*



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

1. Insert the SIM card. Make sure the SIM card is placed under the silvery holders.
2. Slide the battery into the cradle as shown in the picture and press the battery down flat.
3. Place the back cover as shown in the picture and slide it into place.
4. Connect the charger to the phone at the flash symbol. The flash symbol on the charger plug must face upwards.
5. It can take up to 5–15 minutes before an icon is shown in the display.
6. Wait approximately four hours or until you see the battery is fully charged.
7. Remove the charger by tilting the plug upwards.

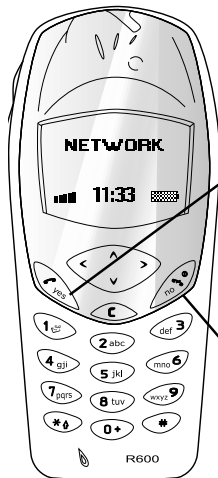
Making and receiving calls



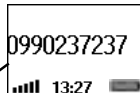
- Press and hold **(NO)** until you hear a tone.
- Enter your PIN (Personal Identity Number), if you have one for your SIM card and press **YES**. Your PIN is provided by your network operator.

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

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

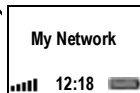


- Enter the area code and phone number, **(YES)**.



- Press **(YES)** to answer a call.

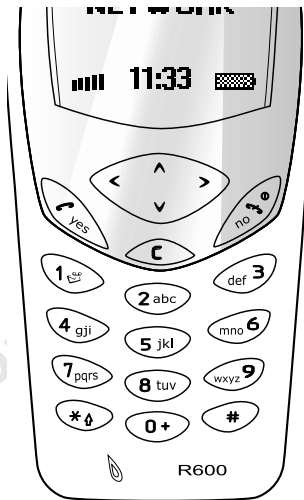
- Press **(NO)** to end the call.



Getting to know your phone

Key functions

- YES** Call and answer calls. Select a menu, submenu or an option.
- NO** Press and hold to turn the phone on or off or to go back to standby mode. Press to end or reject a call, go back one level in the menus or leave an option unchanged.
- ↑** Move through the menus, lists and text. Scroll up, down, left or right.
- ↓**
- ←**
-
- C** Delete numbers and letters from the display. Delete an item from a list. To turn off the microphone during a call, press and hold the key.
- (clear)**
- * Ⓢ** Enter *.



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

Volume keys Increase or decrease the volume of the earpiece during a call. Scroll through menus, lists and text. Enter the Status menu. To reject an incoming call, press either of the keys twice.

- #** Enter #. Press and hold to show an options menu.

Quick keys

To...	Do this:
enter the <i>Call List</i>	press YES from standby
to enter the <i>Bookmarks</i> menu	press and hold ← from standby
to enter the <i>Find and Call</i> menu	press and hold → from standby
call your voice mail service	press and hold 1 from standby
enter the + sign to make an international phone call	press and hold 0 from standby
set the phone to silent	press and hold C from standby
turn off the microphone	press and hold C during a call
speed dial (phone book positions 1–9)	press any of the number keys 1 – 9 and YES from standby
find a phone book entry beginning with the first letter (or the closest following) on a key	press and hold any of the keys 2 – 9 from standby

To...

Do this:

find a phone book entry

enter the position number and press **#** from standby

put a call on hold

press **YES**

switch between two calls

press **YES**

Moving through the menus








There are two ways of moving through the menus:

- Using shortcuts
- Scrolling by using the keys

Using shortcuts

A quicker way to move through the menus is to use shortcuts. Enter the menus by pressing **←** or **→** and then simply enter the number of the menu to which you want to go. To get back to standby, press and hold **NO**.

Scrolling by using the keys

Press...	to...
 or 	enter and move through the main menus.
 or 	move up and down through the submenus.
	select a menu, submenu or an option.
	go back one level in the menus, leave an option unchanged. press and hold  to go back to standby.





How to interpret the instructions

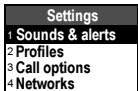
In this example of how to interpret the instructions, we are going to set the key sound to the tone option.

To set the key sound

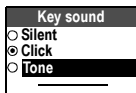
1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *Key Sound*, **YES**.
2. Select *Tone* and press **YES**.

Interpret the instructions as follows:

1. From standby, press  or  to scroll to the *Settings* menu.
2. Press **YES** to select the *Settings* menu. The name of the menu that you have chosen is shown at the top of the display *Settings*. A flashing arrow to the right indicates that more menus are available.
3. Press **YES** to select the *Sounds & Alerts* submenu. (You do not need to scroll with the arrow keys as this is the first submenu).
4. Press  or  to scroll to the *Key Sound* submenu and press **YES** to select it.



5. Press or to scroll to the *Tone* option and press YES to select it. You have now set the key sound to tones.



6. Press and hold to go back to standby.

Shortcuts

This is how to interpret the instructions above by using shortcuts:

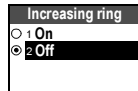
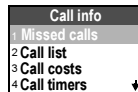
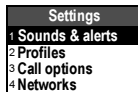
To set the key sound

1. Press or to enter the main menu.
2. Press to select the *Settings* menu.
3. Press to select the *Sounds & Alerts* submenu.
4. Press to select the *Key Sound* submenu.
5. Press or to scroll to *Tone*.
6. Press YES to select the tone option.
7. To go back to standby, press and hold NO.

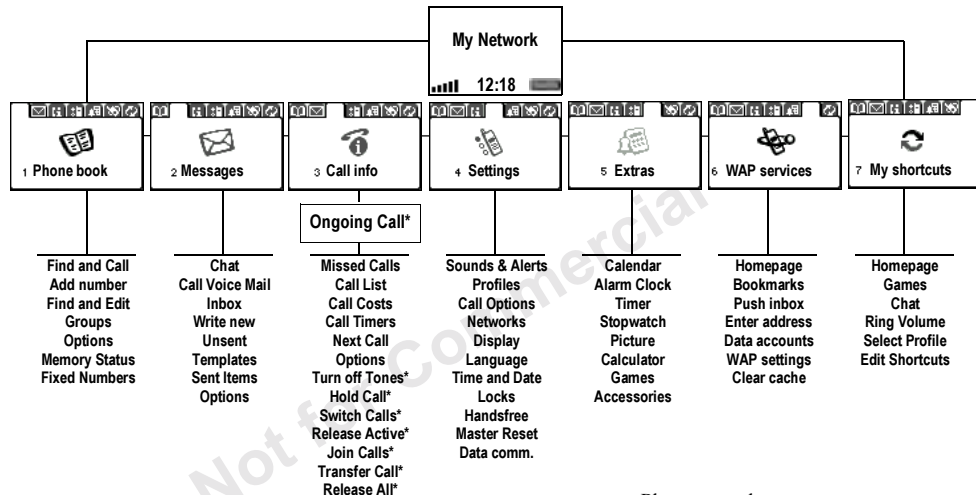
Tip: To check a setting without changing it: scroll to the setting and leave it unchanged by pressing .

Display text

- Text at the top indicates the menu you have chosen.
- A text that is highlighted shows your position in the menu. If you press , you enter this menu or select this option.
- Grey text indicates a function that is temporarily unavailable, for example due to your subscription or due to a certain setting which has not been turned on.
- A filled button indicates that this option is selected.
- A tick indicates that this item is selected.



Menu overview



Please note that some menus are network and subscription dependent.

Entering letters

You can enter letters when you add names to the phone book or write text messages (SMS).

Apart from the way you normally enter letters in your phone, using basic text input, you can use **eZiText input method** for texts such as text messages, if the input language you select supports this. eZiText input method is a quicker way to write texts. See “eZiText input method” on page 13.

Input language

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

To select input 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 ***0**.
Repeat step 2 if you want to use another language.
3. Press **YES** to exit the menu.

Tip: To switch to one of your selected input languages when writing, press and hold **#** (to show the options menu) and select an **Input method**.

Basic text input

When saving names in the phone book, you always enter letters using basic text input.

In the following example, we are going to write a text message:

To enter letters using basic text input

1. Scroll to *Messages*, **YES**, *Write new*, **YES**.
2. Press the appropriate key, **1** – **9**, **0** or **#** repeatedly, until the character you want appears in the display.

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 ì 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
9	W X Y Z 9

Press...	to get...
0	+ & @ / □ % \$ £ ¥ § ¨ 0 0 0 Ξ Ψ Ω
#	# * _
C	to delete letters and numbers
* ¢	to shift between capital and lower-case letters
0 – 9	press and hold to enter numbers

Example:

- To enter an 'A', press **2** once.
- To enter a 'B', quickly press **2** twice.
- To enter lower-case letters, press *** ¢**, enter the letter, for example an 'A'. Lower-case letters appear until you press *** ¢** again.
- To enter numbers, press and hold any numeric key.
- To delete letters and numbers, press **C**.

eZiText input method

You can use eZiText input method when writing texts such as text messages or chat messages. The eZiText 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, a word is suggested.

To enter letters using eZiText input method



1. Scroll to *Messages*, **YES**, *Write new*, **YES**.
2. For example, if you want to write the word "Ericsson", press **3**, **7**, **4**, **2**, **7**, **7**, **6**, **6**.





If the word shown is the one you want:

- press **YES** to accept the word and **1** to add a space.


If the word shown is not the one you want:

- press **←** or **→** to view alternative words. Press **YES** to accept the word and **1** to add a space.

If you do not find the word you want by pressing  or :


- press and hold  to switch to basic text input (abc). Move the cursor by using the arrow keys and then delete letters by pressing . Enter letters by pressing the appropriate key the number of times needed until you get the letter you want. When you are finished, press  to add a space and press and hold  to go back to eZiText input method.

3. Continue writing your message. See also “To send a text message” on page 41.



Tip: Press and hold  to enter a full stop.

Key functions when using eZiText input method



- **Input method**

Press and hold  to switch input method.


- **Accept word**

Press  to accept the suggested word and  to add a space.

- **Candidates**

Press  or  repeatedly to scroll between the suggested words.


- **Symbols**

Press and hold  to add symbols and punctuation marks such as ? and ,. Move between the symbols by using the arrow keys. Press **YES** to select a symbol.

- **Digits**

Press and hold any number key to enter digits only.

- **Rel. caps lock**

Press  to switch between capital and lower-case letters.

Personalizing your phone

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



Ring signals

You can specify the ring signal volume, choose among different ring signals or compose your own ring signals.

Ring signal volume


The ring signal volume can be set to ten levels. You can also turn the ring signal off (0).

To set the ring signal volume

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

Tip: Use the volume keys on the side of the phone to change the volume silently.

To turn the ring signal on or off

1. From standby, press and hold .
2. Select *Turn on Silent* and press **YES**.
All signals except the alarm and timer signals are turned off.
To cancel, repeat step 1, select *Turn off Silent* and press **YES**.

Increasing ring

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

To turn the increasing ring on or off

1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *Increasing Ring*, **YES**.
2. Select *On* or *Off* and press **YES**.

Ring signal type

You can choose a ring signal from a list of different sounds and melodies.

To choose a ring signal

1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *Ring Signals*, **YES**, *Voice Calls*, **YES**.
2. Select a ring signal and press **YES**.

Tip: Use the volume keys on the side of the phone to scroll silently.

Specific ring signals for personal calls

If your subscription includes the Calling Line Identification service, you can assign a personal ring signal to up to ten callers.

If the last seven digits of a caller's number correspond to a number you have specified, then that caller's ring signal is used.

You can include question marks in a phone number. For example, 012345??? means that calls from phone numbers between 012345000 and 012345999 will have the same personal ring signal. Press and hold **#** to insert a question mark.

To set a specific ring signal for a caller

1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *Ring Signals*, **YES**, *Personal Rings*, **YES**, *Add new?*, **YES**.
2. Enter the caller's number and press **YES**. Press **←** to retrieve a number from the phone book.
3. Select a ring signal and press **YES**.

Composing your own ring signal

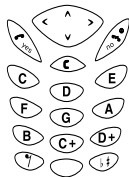
You can compose eight different ring signals.

To compose or edit a ring signal

1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *My Melodies*, **YES**.
2. Select one of the melodies and press **YES**.
3. Press **C** to remove notes.
4. Use the keypad to enter notes:

- Press and hold a key to enter a long note.
- Press **O** to raise the note one octave.
- Press **#** once to raise the note one semitone.
- Press **#** twice to lower the note one semitone.

5. To listen to your melody, press **YES**.
6. Press **YES** again to save it or press **NO** to continue composing.



Vibrating alert

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

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

To set the Vibrating Alert

1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *Vibrating Alert*, **YES**.
2. Select the setting you want, and then press **YES**.

Message signal

You can set the message signal to clicks, tones or silent.

- Select *Message Alert* from the *Settings/Sounds & Alerts* menu and then select the signal you want.

Pictures

Your phone comes with a number of pictures.

You can:

- Enclose a picture in a text message.
- Edit a picture.
- Have a picture as background when in standby mode.

To draw your own picture

1. Scroll to *Extras*, **YES**, *Pictures*, **YES**, *My Pictures*, **YES**.
2. Press **YES** to start drawing a picture.
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.
4. Press **YES** twice to save the picture.

The picture is saved in *My Pictures*.

When editing a picture:

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

Press... to...

8	move the cursor down.
9	move the cursor down and right.
0	switch line thickness.
YES	view the <i>Options</i> menu.
NO	exit the picture editor.
C	press and hold to clear the picture.
* ⬆	move the cursor 1, 5 or 10 spaces.
#	switch between black and white pen colour.

Background picture

You can place a picture as background in standby mode.

To set a picture as background picture

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Background*, **YES**, *Select picture*, **YES**.
 2. Scroll to the picture you want to use as the background picture and press **YES** twice.
- To turn on and off the background picture, select *Activate* from the *Settings/Display/Background* menu.

Screen saver

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

- To turn the screen saver *On* or *Off*, scroll to *Settings/Display/Screen saver/Activate*.

To use a picture as the screen saver

You can select a picture, saved in the phone, and use it as the screen saver.

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Screen saver*, **YES**.
2. Scroll to *Select*, **YES**.
3. Scroll to the picture you want to use as the screen saver, **YES**.
4. Press **YES** to save.

Key sound

You can set the key sound to clicks, tones or silent.

- Select *Key Sound* from the *Settings/Sounds & Alerts* menu and then select the key sound you want.

Minute minder

If you turn on the minute minder, you hear a beep once every minute during a call.

- Select *Minute Minder* from the *Call Info/Call Timers* menu and then select *On* or *Off*.

Menu language

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

To change the menu language

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

Note: You can always choose *Automatic* by pressing

⬅ 8888 ➡ in standby.

You can always choose *English* by pressing ⬅ 0000 ➡ in standby.

Display light

The display light can be set to automatic, off or on. In automatic mode, the display light is turned off a few seconds after you press the last key. You can also select which colour to use.

- Select *Light* from the *Settings/Display* menu, and then select the alternative you want.

Background colour

You can set a background colour for a person in the phone book. When that person calls, the display light changes to the corresponding colour.

To set a specific colour signal for a caller

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Colour Signal*, **YES**, *Add new?*, **YES**.
2. Select a contact, **YES**.
3. Select a background colour, **YES**.

To edit a colour signal

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Colour Signal*, **YES**.
2. Select the contact that you want to edit, **YES**.
3. Select *Change Colour*, **YES**.
4. Select the new colour, **YES**.

To delete a colour signal

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *Colour Signal*, **YES**.
2. Select the contact that you want to delete the background colour for, **YES**.
3. Select *Delete*, **YES**.

Time and date

The time is always displayed in standby mode.

To set the clock

1. Scroll to *Settings*, **YES**, *Time and Date*, **YES**, *Set Time*, **YES**.
2. Enter the time and press **YES**.
If you select the 12-hour clock, you can alternate between am and pm by pressing (#).

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

- Select *Time Format* from the *Settings/Time and Date* menu, then select the time format you want.

Date

When the phone is in standby mode, you can press either of the volume keys to see today's date.

To set the date

1. Scroll to *Settings*, **YES**, *Time and Date*, **YES**, *Set Date*, **YES**.
2. Enter the date, and then press **YES**.

You can select another date format.

- Select *Date Format* from the *Settings/Time and Date* menu, then select the date format you want.

Answering mode

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

To select answering mode

1. Scroll to *Settings*, **YES**, *Handsfree*, **YES**, *Answering Mode*, **YES**.
2. Select an answering mode and press **YES**.

Greeting text

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

If you want to interrupt the greeting, press the **NO** key.

To select a greeting

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *User Greeting*, **YES**.
2. Select a greeting and press **YES**.
You can also turn off the greeting by selecting *Off*.

To turn the greeting melody on or off

1. Scroll to *Settings*, **YES**, *Display*, **YES**, *User Greeting*, **YES**.
2. Select a greeting and press **YES**.
3. Select *AnimationSound*, **YES**, *On or Off*, **YES**.

Phone number display

You can check your own phone number(s).

- Select *My Numbers* from the *Settings/Display* menu.
If your number is not stored on your SIM card, you can enter it yourself.

Keypad lock


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

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

The keypad remains locked until you:

- answer an incoming call
- unlock the keypad

To lock the keypad manually

1. Press and hold .
2. Select *Turn on Keylock* and press **YES**.

Automatic keylock

Automatic keylock means that if no keys are pressed after 25 seconds, the keypad will be locked.

To turn the automatic keylock on or off

1. Scroll to *Settings*, **YES**, *Locks*, **YES**, *Auto Keylock*, **YES**.
2. Select *On or Off* and press **YES**.

To unlock the keypad

1. Press and hold **C**.
2. Select *Turn off Keylock?* and press **YES**.

My Shortcuts

You can place your favourite functions in the *My Shortcuts* menu. In this way, you can quickly and easily reach the functions you use most. When you buy your phone, *My Shortcuts* contains a few functions which you can remove if you wish.

To add a function to My Shortcuts

1. Scroll to *My Shortcuts*, **YES**, *Edit Shortcuts*, **YES**.
2. Select a function from the list by pressing ***⬆**.
3. Enter the position number you want for your function in this menu and press **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.

Profiles

A profile is a group of settings which are set to suit a certain environment. For example, when you go to a meeting, you can simply choose the *Meeting* profile and a number of settings that suit a meeting are set – the ring signal is turned off etc.

Some phone accessories can activate a profile automatically. For example, when you connect a portable handsfree to your phone, the *Port h-free* profile is activated.

The profiles

There are five profiles in the phone:

- Normal
- Meeting
- Outdoors
- Port H-free (portable handsfree)
- Home

When you buy your phone, it is set to the *Normal* profile. You cannot create more profiles, but you can change the name of a profile, change the settings included in a profile or add an accessory to a profile. You cannot change the name of or add any accessories to the *Normal* profile.

To choose a profile manually

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

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 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 settings and press **YES** to confirm.

You can reset all profile settings to the way they were set when you bought your phone.

- Select *Reset Profiles* from the *Settings/Profiles* menu.

Automatic activation

The profile *Port h-free*, is automatically activated when used with a portable handsfree. When you disconnect your phone from the accessory, the profile is changed back to the one which was active before, if the current profile was activated automatically.

Master reset

You can reset the phone's settings to the way they were when you bought your phone by selecting *Reset settings*. If you also want to delete all phone book entries, text messages and WAP settings, select *Reset all* instead.

To reset the phone

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

Calling

This chapter gives information about the calling functions that your phone supports.

Making and receiving calls

Before you can make and receive calls, you need to turn on the phone and be within range of a network.

Making a call

1. Enter the area code and phone number.
2. Press **YES**.

Ending a call

- Press **NO** to end the call.



Changing the earpiece volume

During a call, you can change the listening volume by pressing the volume keys on the side of the phone.

- Press the upper key to increase the volume.
- Press the lower key to decrease the volume.

Turning off the microphone



During a call, you can turn off the microphone.

- Press and hold  to turn off the microphone.
- Press and hold  again to resume the conversation.


Re-dialling a previously called number

In the *Call List* you can find the numbers for calls that you have made, answered or missed.

To re-dial a previously called number

1. Press **YES** from standby mode to enter the *Call List*.
2. Press  or  to scroll through the list.
3. When the number you want to call is highlighted, press **YES** to make the call. See “Call list” on page 26.

Making international calls

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

Making emergency calls

1. Enter **112** (the international emergency number).
2. Press **YES**.

Your phone supports the international emergency number 112. This means that it 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.

Emergency numbers

Some countries may not promote the international emergency number, 112. Your operator may therefore have stored local emergency numbers on the SIM card, which work in addition to the international emergency number.



Receiving calls

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

If your subscription includes the Calling Line Identification service and the caller's network sends the number, the caller's number is shown in the display. If you have saved the caller's name and number in the phone book, the caller's name is displayed. If the network does not send the number, the display shows *Withheld*.

Answering a call

- Press **YES** to answer a call.

Rejecting a call

- Press **NO**, or
- Press either of the volume keys on the side of the phone twice to reject a call.

The caller hears a busy tone if this is supported by the caller's network. If "Divert Calls When Busy" is on, the call is diverted to the number you have specified. See "Diverting incoming calls" on page 33.

Missed calls

If you have missed a call, the message *Missed Calls: 1* appears in standby mode. (The number indicates the number of missed calls.)

To check your missed calls

1. Press **YES**.
2. If you wish to call a number from the list, select the number and press **YES**.



Press **NO** if you do not want to check your missed calls now. You can always check them later.

- Select *Missed Calls* from the *Call Info* menu.

Showing and hiding your phone number

You can choose to show or hide your number for a particular call, if this service is supported by your subscription.

To hide or show your phone number

1. Enter the phone number you wish to call.
2. Press  until the *Call Info* menu appears.
3. Press  until *Next Call* is highlighted, press **YES**.
4. Select *Hide My Number* or *Show MyNumber* and press **YES** to make the call.

Ciphering

Ciphering is a built-in feature that encodes your calls and messages to provide additional privacy.

An exclamation mark inside a triangle is shown in the display during a call to indicate that ciphering is currently not being provided by the network.

Call list

The Call List is a phone number log that saves information (time, date, phone number and name) about the last 20 dialled, answered and missed calls. Once your list exceeds 20 calls, the oldest one is deleted.

The calls are saved in chronological order, except for the last dialled number, which is always displayed in the first position. If you check a call within 24 hours, the time of the call is displayed. Otherwise, the time is replaced by the date.

If the incoming call is a restricted number, the display shows *Withheld*.

To call a number from the call list

1. Press **YES** when the phone is in standby mode.
2. Select the number you want to call and press **YES**.

Tip: You can also select the *Call List* from the *Call Info* menu.

You can clear the call list.

- Select *Clear Call List* from the *Call Info/Options* menu.

To turn the call list on or off

1. Scroll to *Call Info*, **YES**, *Options*, **YES**, *Set Call List*, **YES**.
2. Select *On* or *Off* and press **YES**.
The list is cleared if you select *Off*, and then accept to clear the list.


Phone book

Your phone has a phone book in which you can save numbers and accompanying names (an entry). This means that you can retrieve a number from the phone book instead of entering the number again.

Saving a number

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

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

If you intend to use your phone both at home and abroad, it is a good idea to save all phone numbers as international phone numbers, i.e. with the + sign, followed by the country code, the area code and the phone number. Press and hold  to enter the + sign.

To save a number together with a name

1. Scroll to *Phone Book*, **YES**, *Add number*, **YES**.
2. Select *Add new?* or any of the numbers from the list by pressing **YES**.




3. Enter the phone number that you want to save and press **YES**.
4. Enter a name that you want to associate with the phone number and press **YES**. See “Entering letters” on page 12.
5. Press **YES** again to save the entry in the suggested position.

Note: You can also add a background colour to a name in the *phone book*. For more information, see “Background colour” on page 19.

Calling a number saved in the phone book

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

To call a number saved in the phone book

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

Shortcuts to phone book entries

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

Example:

- Press **3** and then **YES**.

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

Example

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

Ask to save

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

To turn the Ask to Save function on or off

1. Scroll to *Phone Book*, **YES**, *Options*, **YES**, *Ask to Save*, **YES**.
2. Select *On* or *Off* and press **YES**.

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

Keeping the phone book up to date

You can change and delete names and numbers from the phone book.

To edit an entry

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

To delete an entry from the phone book

1. Scroll to *Phone Book*, **YES**, *Find and Edit*, **YES**.
2. Enter the name (or the first few letters) for the entry that you wish to edit and press **YES**.
3. When the entry you want to delete is highlighted, press **C**.
4. Press **YES** to confirm.

Sort order

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

To choose a sort order

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

Phone book memories

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

You can also save your entries in the phone memory. The phone memory holds 200 positions in which your entries are saved when all SIM positions are occupied. If you save your entries in the phone memory, you still have access to them if you use another SIM card with your phone.

Choosing where to save an entry

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

- To save the number in the first empty position suggested, press **YES**.
- To save the number in another position, press **C** to delete the position number, enter a new position number and press **YES**.

- To save the number in the phone memory, you first need to know how many positions you have got on your SIM card. You can check this in the *Memory Status* menu, see page 30. If, for example, you have 200 positions on your SIM card, you can enter position number 201 to save a number in the first position of the phone memory.

Overwrite protection

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

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

Checking the status of the memory

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

To check the status of the memories

- Scroll to *Phone Book*, **YES**, *Memory Status*, **YES**.

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

To delete all entries from the phone memory

1. Scroll to *Phone Book*, **YES**, *Options*, **YES**, *Delete All*, **YES**.
2. Press **YES** again.
3. Enter the phone lock code (0000 or another one that you have chosen yourself, see “The phone lock” on page 59), and press **YES**.

Note: *The entries on your SIM card are not deleted.*

Groups

You can create a group of phone book entries. You can then send a text message to all members of that group at the same time. See “Text messages” on page 40.

To create a new group

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

To add a member to an existing group

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

Copying from one SIM card to another

You can copy your phone book entries on one SIM card to another, via the phone's memory.

If your phone memory contains phone book entries that you wish to keep, you first need to copy these entries from the phone memory to a SIM card, otherwise they will be deleted.

Note: *You can only copy 100 items at a time. Check your phone memory and your SIM card memory before you start copying, to make sure that you do not delete entries you want to keep.*

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

To copy from a SIM card to the phone memory

1. Insert a SIM card.
2. Scroll to *Phone Book*, **YES**, *Options*, **YES**, *Copy*, **YES**, *Copy from Card*, **YES**.

3. Enter from which position number on the SIM card you want to start copying and press **YES**.
4. Press **YES** again to start copying.
Wait until the display shows *Phone book entries copied*.

To copy from the phone memory to a SIM card

1. Insert a SIM card.
2. Scroll to *Phone Book*, **YES**, *Options*, **YES**, *Copy*, **YES**, *Copy to card*, **YES**.
3. Enter the position number of your SIM card where you want to start saving your entries and press **YES**.
For example, if you have 10 entries on the SIM card that you want to keep, select position 11.
4. Press **YES** again to start copying.
Wait until the display shows *Phone book entries copied*.

Your voice mail service

The answering service of your network operator allows callers to leave a voice message when you cannot answer your calls. Depending on your operator, you are informed that someone has left a message in different ways.

Most operators send a text message (SMS), asking you to call your voice mail service, for example. See "Text messages" on page 40 for more information.

Other operators send a specific voice mail indication. If this is the case, the voice mail icon appears in the display.

Using your voice mail service

You can save the number to your voice mail service, making it easier for you to call your voice mail.

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.

You can also select Call Voice Mail from the Messages menu.

Receiving a voice mail

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

- Press **YES** to listen to the voice mail.
If you want to listen to it later, press **NO**.

Call time and call cost

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

Call time

You can check the duration of your *Last Call*, *Outgoing Calls*, *Incoming calls* and the *Total Time*.

To check the call time

1. Scroll to *Call Info*, **YES**, *Call Timers*, **YES**.
2. Select a call time and press **YES**.
3. Select *Clear Timers* if you want to reset a call time counter.

Call cost

You can check the cost of your *Last Call* and the *Total Cost* of your calls.

To check the call cost

1. Scroll to *Call Info*, **YES**, *Call Costs*, **YES**.
2. Select a call cost and press **YES**.
3. Select *Clear Total Cost* to reset the counter.



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

Determining the call cost

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

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* and press **YES**.
4. Enter the code for the currency you want, (for example GBP for Pounds Sterling), and press **YES**.
5. Enter the price per call unit and press **YES**.
To enter a decimal point, press **(*)**.

Credit limit for calls

If supported by your network and your subscription, you can enter a total amount of money that can be used for making calls. When the amount reaches zero, no more calls can be made. Please note that the credit limit is only an estimated value.



To set a 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* and press **YES**.
4. Enter an amount and press **YES**.
To set an unlimited credit, select *Unlimited*.

Tip: With the *Message counter* you can keep track of how many text messages you have sent. For more information, see “*Message counter*” on page 43.


Diverting incoming calls

If you cannot answer an incoming voice call, you can divert it to another number.

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

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

To turn on a call divert

1. Scroll to *Settings*, **YES**, *Call Options*, **YES**, *Divert Calls*, **YES**.
2. Select a divert option and press **YES**.
3. Select *Activate* and press **YES**.
4. Enter the phone number to which you want your calls to be diverted and press **YES**, or retrieve it from the phone book by pressing .

Note: *When the Restrict Calls function is on, some Divert Calls options cannot be activated. See “Restrict calls” on page 36.*

To turn off a call divert

1. Scroll to *Settings*, **YES**, *Call Options*, **YES**, *Divert Calls*, **YES**.
2. Scroll to a divert option and press **YES**.
3. Select *Cancel* and press **YES**.
4. Select *Get Status* to check if a divert option is on or off.

You can check the status of all divert options.

- Select *Check All* from the *Settings/Call Options/Divert Calls* menu.

More than one call

Your phone can handle more than one call simultaneously. You can, for example, put an ongoing call on hold while you make or answer a second call, and then switch between the two calls. You can also set up a conference Call to have a joint conversation with up to five people.


Call waiting service

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

To turn the call waiting service on or off

1. Scroll to *Settings*, **YES**, *Call Options*, **YES**, *Call Waiting*, **YES**.
2. Select *Activate* or *Cancel* and press **YES**.
Select *Get Status* to check if call waiting is on or off.

Making a second call

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

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

Receiving a second call

If the Call Waiting service is on, you hear a beep in the earpiece if you receive a second call. A list of alternatives, *Answer*, *Busy* and *Release&Answer*, is shown in the display. You can do one of the following:

Put the ongoing call on hold and answer the waiting call

- Press **YES** to answer the waiting call.
The held call is marked in grey and the ongoing call is marked in black.

Continue the ongoing call and reject the waiting call

- Select *Busy*.

End the ongoing call and answer the waiting call

- Select *Release&Answer*.

One ongoing call and one call on hold

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

Switch between the two calls

- Press **YES**.

End the ongoing call and return to the call on hold

1. Press **NO**.
2. Press **YES**.

End both calls

- Press **NO** twice.

Join the two calls into a conference call

- Scroll to *Ongoing Call*, **YES**, *Join Calls*, **YES**.

Receiving a third call

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

End the ongoing call and accept the waiting call

- Select *Release&Answer*.
The waiting call becomes active and the call on hold remains on hold.

Reject the waiting call

- Select *Busy*.

Conference calls

You can include up to five participants in 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**.
You can include up to five participants in the conference call by repeating steps 1 to 3 above.

To check the participants

- Select *Ongoing Call*, **YES**, *Parties in Conf*, **YES**.

You can extract one participant from the conference call for a private conversation and put the other participants on hold.

To extract a participant

1. Scroll to *Ongoing Call*, **YES**, *Extract Part*, **YES**.
2. Select a participant and press **YES**.

To rejoin the participant

- Scroll to *Ongoing Call*, **YES**, *Join Calls*, **YES**.

To release a participant

1. Scroll to *Ongoing Call*, **YES**, *Release Part*, **YES**.
2. Select a participant and press **YES**.

To release all participants

- Scroll to *Ongoing Call*, **YES**, *Release All*, **YES**.

You can put a conference on hold and make a new call. You can switch between the calls in the same way as when switching between two normal calls.

To end the conference call

- Press **NO**.

Restrict calls

The Restrict Calls service allows you to restrict certain types of calls being made and received.



You need a password, which comes with your subscription, to activate or cancel a call restriction.

The following calls can be restricted:

- all outgoing calls, *All Outgoing*
- all outgoing international calls, *Outgoing Intl*
- all outgoing international calls except to your home country, *Outg Intl Roam*
- all incoming calls, *All Incoming*
- all incoming calls when you are abroad (when roaming), *Inc when Roam*

To turn a call restriction on or off

1. Scroll to *Settings*, **YES**, *Call Options*, **YES**, *Restrict Calls*, **YES**.
 2. Select an option and press **YES**.
 3. Select *Activate* or *Cancel* and press **YES**.
 4. Enter your password and press **YES**.
- To check the status of a call restriction, select the call restriction and then *Get Status*.
 - To turn off all call restrictions, select *Cancel All*.
 - To change the password, select *Change Passwd*.

Note: *If you divert incoming calls, you cannot activate some Restrict Calls options. Likewise, if you restrict calls, you cannot activate some Divert Calls options.*

Fixed dialling

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

- Partial numbers can be saved. For example, storing 0123456 allows calls to be made to all numbers starting with 0123456.
- Numbers that include question marks can be saved. For example, storing 01234567?0, allows calls to be made to numbers from 0123456700 to 0123456790. To enter a question mark, press and hold **#**.

Note: *Calls to the international emergency number 112 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 a fixed number

- Select *Add new?* from the *Phone Book/Fixed Numbers* menu, then enter the number.

Closed user groups

The Closed User Group function is a way of lowering call costs. On some networks it is cheaper to make calls within a call group. Your network operator can place certain numbers in groups. You can have a maximum of 10 groups.



To add a 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 and press **YES**.

You get the index number from your operator.

To activate a group

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

Accept calls

With the Accept Calls service, you can choose to receive calls only from certain numbers. Other calls are rejected by a busy tone. You have to save the numbers that you want to receive in an Accepted Callers List. The numbers must first be saved in your phone book. The rejected calls are saved in the Call List.

To add numbers to the Accepted Callers List

1. Scroll to *Settings*, **YES**, *Call Options*, **YES**, *Accept Calls*, **YES**, *Accepted List*, **YES**.
2. Scroll to *Add new?*, **YES**.
This takes you to the phone book.
3. Select an entry and press **YES**.

To set the accept calls option

1. Scroll to *Settings*, **YES**, *Call Options*, **YES**, *Accept Calls*, **YES**, *Accept Options*, **YES**.
2. Select an option and press **YES**.

Setting network preferences

When you turn on the phone, it automatically searches for your home network. If this is not within range, you may use another network, provided your network operator has an agreement that allows you to do so. This is called roaming.

To select a network

1. Scroll to *Settings*, **YES**, *Networks*, **YES**, *Select Network*, **YES**.
2. Select a network and press **YES**.

To start an automatic network search

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

Using two voice lines

If you subscribe to the “Two Line Service”, you can choose which line you want to use for outgoing calls. Incoming calls can be received on both lines, irrespective of the line currently chosen.



When you buy your phone, the names of the lines are normally Line 1 and Line 2. You can have different settings for your two lines, for example, ring signal, call divert.

Before you make a call, you need to choose which line to use.

To choose a phone line

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

All outgoing calls are made on this line until you change it.

You can change the name of your lines, for example “private” and “work”.

- Select *Edit Line Tags* from the *Settings/Display* menu and then select the line you want.

Messaging

Your phone supports text messages (SMS) and chat messages.



Before you start

First make sure that the number of your service centre is set. Otherwise you cannot reply to received messages or send your own messages. This also applies to chat messages. The number is supplied by your service provider and is usually saved on the SIM card.

To check the service centre number

1. Scroll to *Messages*, **YES**, *Options*, **YES**, *Service Centres*, **YES**.


If no number is found, select *Add new?* and press **YES**.

2. Enter the number, including the international + sign and country code, and press **YES**.

Text messages

Text messages can be sent to one person, or to a group of recipients that you have saved in the phone book. Text messages can also contain pictures, animations, melodies and sounds.


To send a text message

1. Scroll to *Messages*, **YES**, *Write new*, **YES**.
2. Enter your message and press **YES**. See “Entering letters” on page 12.
3. Enter the recipient’s phone number or retrieve a number or a group from the phone book by pressing .
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 *Messages* menu.


To insert an item in a text message


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

Text formatting

Before you write a new text message, you can select the size, style and alignment of the text and create new paragraphs.

To select the format for a text message

1. Scroll to *Messages*, **YES**, *Write new*, **YES**.
2. Press and hold .
3. Select *Text format*, **YES**. Then select *Text size*, *Text style*, *Alignment* or *New paragraph*, **YES**.
4. Select an option, **YES**.
5. Write the text message.

Note: *You can press and hold  at any time to change the format of the text from that point on.*

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, select *Long messages* from the *Messages/Options* menu, then select *On*.

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.
- **Reply request** – Include a reply request if you want the recipient of your message to reply.
- **Status request** – Check if a message has been delivered.

To set a default message option

1. Scroll to *Messages*, **YES**, *Options*, **YES**.
2. Select an option, **YES**.
3. Select *Set Default*, **YES**.
4. Select an option, **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**, *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**, *Sent Items*, **YES**, select a text message, **YES**, *View status*, **YES**.

Templates

If you have one or more messages that you send often, you can save these as templates. You can save 10 templates consisting of up to 25 characters each.

Your phone may come with a set of templates that your operator or service provider has prepared for you. These templates appear in the list of templates, indicated by a letter icon with a dotted sheet. You cannot edit or delete these types of templates.

To create a template

1. Scroll to *Messages*, **YES**, *Templates*, **YES**, *Add new?*, **YES**.
2. Enter the message and press **YES**.
3. To send the template now, press **YES** when *Send message now?* appears and proceed as described in “To send a text message” on page 41.
Press **NO** if you do not want to send the template now.

To send a template later, select it from the *Templates* list in the *Messages* menu, and proceed as described in “To send a text message” on page 41.

Message counter

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

To check the number of sent messages



- Scroll to *Call Info*, **YES**, *Call Costs*, **YES**, *Sent SMS*, **YES**.
Select *Clear Msg Count* to reset the counter.



Receiving a message

When you receive a message, the phone beeps, the indicator light rapidly flashes green and the message *New message Read now?* appears in the display.

New message Read now?
--

To read the message now

1. Press **YES**.
2. Press  and  to scroll through the message.
An arrow in the bottom right corner of the display indicates that there is more text in the message.
3. When you have read the message, press **YES**. A new menu with different options appears. These options are described on the following pages.

Note: If the sender of the message wants you to reply, the message ‘Reply requested Reply?’ appears in the display. Press  again to reply. If you do not want to reply, press .

To read the message later

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

To reply to a message

1. When you have read the message, press **YES**.
2. Select *Reply* in the option list and press **YES**.
3. Select the message you want to send as a reply and press **YES**. You can choose between:
 - Write new
 - Include this msg. The message you received is included in your answer.
4. Write your message and press **YES**.

To forward a message

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

To call a phone number found in a message

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

To call the sender of the message

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

To save from a text message

When the 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 sounds*.
- A phone number is saved in *Phone Book*.
- A WAP address is saved in *Bookmarks*.

To read the next message

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

To delete a message

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

Tip: To delete a message from your *Inbox*, select the message and press **C**.

Saving incoming messages

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

To save a message on the SIM card

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

Mobile chat

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

To enter a chat nickname

1. Scroll to *Messages*, **YES**, *Options*, **YES**.
2. Select *Nickname*, **YES**.
3. Enter your nickname (maximum of 6 characters), **YES**.

To start a chat session

1. Scroll to *Messages*, **YES**, *Chat*, **YES**.
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 in the display.

- 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.

Area information

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

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

To turn area information on or off

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

Area information codes

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

To enter an area information code

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



Receiving an area message

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

Cell information

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

To turn on the channel, select *Cell Information* from the *Messages/Options* menu and then select *On*.



Using mobile Internet

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

Setting up mobile Internet

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



Note: *Settings may already be entered when you buy your phone, or you can receive settings from your network operator or service provider. Settings are also at <http://www.SonyEricssonMobile.com>.*

Receiving settings in a text message

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

To request settings from Sony Ericsson Mobile Internet

1. Use a PC to go to <http://www.SonyEricssonMobile.com>. 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.
3. After installation, see “Using mobile Internet” on page 51.

Advanced setting information

Mobile Internet, including WAP, requires the following settings:

- **Data account** – settings for access to a server for WAP browsing.
- **WAP profile** – settings for WAP browsing.

Data account settings

You can have several data accounts saved in your phone, with different settings for different purposes. The main setting for a data account is the *Access type*: (connection method).



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

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

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



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

GPRS settings that are available:

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

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



- *Phone no*: – the phone number of your Internet service provider.
- *Dial type* – select analogue or ISDN connection.

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

To create a data account manually

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

To set which data account to use

1. Scroll to *WAP services*, **YES**, *Data accounts*, **YES**.
2. Select the data account that you want to use or select *Always ask* if you want to be asked every time you try to connect, **YES**.

To edit a data account

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

WAP profile settings

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

You set up and use additional WAP profiles to enable access to, for example, to secure Internet sites, such as a banking site or a corporate intranet. In some cases you may also need to set to use another data account.

To enter WAP profile settings manually

1. Make sure you have a data account set up between your phone and the Internet server, as described in “Data account settings” on page 48.
2. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *WAP profiles*, **YES**.
3. Select *Add profile?* to add a new profile or select an existing profile that you want to edit, **YES**.
 - When selecting *Add profile?* enter a name for the profile, **YES** and enter the *IP address:*, **YES**. A list appears in the display.
 - When selecting an existing profile, you can *Edit*, *Rename*, *Delete* or *Set as default*.
4. Select *Edit* and press **YES**.
5. You can now do the following:
 - *IP address* – WAP gateway server address.
 - *User id* – Enter your user id for the WAP gateway.
 - *Password* – Enter your password for the WAP gateway.
 - *Data mode* – Select a data connection mode.
 - *Security* – See WAP security settings.

The first WAP profile that you create is automatically set as default. If you create more than one WAP profile and want to set one of those as default, scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *WAP profiles*, **YES**, select a profile **YES**, *Set as default*, **YES**.

Note: *An IP address consists of four groups of digits, with a maximum of three in each group. If one of your digit groups consists of only one or two digits, you have to enter a leading zero (0) for each digit that is missing. Example: If the IP address is 123.4.67.201, write 123.004.067.201.*

To turn on or off pictures

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Show pictures*, **YES**.
2. Select *On* or *Off*, **YES**.

To edit the homepage

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Edit*, **YES**.
2. Edit the address to the homepage, **YES**.

To set an Inactive timeout for GSM data connections

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Inactivity timeout*, **YES**.
2. Enter a limit in seconds, **YES**.

WAP security settings

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**, *WAP profiles*, **YES**.
2. Select the profile you want to edit.
3. Select *Edit*, **YES**, *Security*, **YES**.
4. Select *On*, **YES**.

To check the certificates in your phone

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**.
2. Select *Trusted certif.*

Using mobile Internet

First make sure that you have:

- A phone subscription that supports data transmission.
- Correct settings in your phone for mobile Internet, WAP. See “Setting up mobile Internet” on page 47.

Using the WAP browser

To start browsing

1. Scroll to *WAP services*, **YES**.
2. Then select one of the following:
 - Open your homepage (Sony Ericsson Mobile Internet is default).
 - Go to one of your bookmarks. Select *Bookmarks*, **YES**.
 - Enter the address of a WAP site. Select *Enter address*, **YES**, *New address?* to enter a new WAP address or select one of the 10 latest entered addresses.

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

To exit WAP

- Press and hold **no** to exit and disconnect.

Options when browsing

When you have started browsing, you can reach different browsing options by pressing and holding **YES** until the *Options* menu appears. The options may vary depending on the WAP page you are visiting.

The options menu always contains the following:


- Go to the homepage.
- *Bookmarks* – View your list of bookmarks.
- *Enter address* – Enter the WAP address of a site you want to visit.
- *Send as link* – Send a link to the current site in a text message.
- *Reload* – Refresh the contents of the WAP page.
- *Exit* – Exit and go to standby and disconnect.
- *Back* – Go back one page.
- *Add bookmark* – Add the page you are currently browsing to your list of bookmarks. The bookmark is associated with the WAP profile you are currently using.
- *New homepage* – Set the current site as the homepage.

Using bookmarks

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

Tip: Press and hold  from standby to enter the Bookmarks menu directly.

To work with bookmarks

1. Press and hold  from standby or alternatively scroll to *WAP services*, **YES**, *Bookmarks*, **YES**.
2. Select the bookmark you want to work with, **YES**.
3. Select one of the following options and press **YES**:
 - *Go to Bookmark* – Go to the marked WAP site.
 - *Edit bookmark* – Edit the name and/or the WAP address of the bookmark and/or the WAP profile to be used.
 - *Delete* – Delete the bookmark.

To add a bookmark

1. Scroll to *WAP services*, **YES**, *Bookmarks*, **YES**, *Add new*, **YES**.
2. Enter the bookmark title, **YES**.
3. Enter the URL, **YES**.
 - Select WAP profile for the bookmark, **YES**.

Note: For most bookmarks you should choose your default WAP profile. However, some sites, such as a banking site or a corporate intranet, require specific WAP profiles. If so, select the corresponding WAP profile, which you must have created before adding the bookmark.

WAP push messages

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

There are two kinds of push messages:

- Text messages that inform you about WAP services. To go to the WAP service, select *Load*.
- Updated information from a WAP service is sent to appear in the WAP browser.

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

To set push message acceptance

1. Scroll to *WAP services*, **YES**, *WAP settings*, **YES**, *Push*, **YES**, *Push access*, **YES**.
2. Select one of the following settings:
 - *On* – You allow push messages.
 - *Off* – You do not allow push messages.
 - *Prompt* – You allow push messages but only when you confirm.

To set automatic deletion of push messages

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

Receiving a push message

When you receive a push message, you will automatically be asked if you want to:

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

Note: *Some push messages comes directly to the Push inbox where you can respond to it.*

To respond to a push message in the push inbox

1. Scroll to *WAP services*, **YES**, *Push inbox*, **YES**.
2. Select one of the messages and press **YES** twice, and select one of the following:
 - *Load* – The browser starts and loads the WAP site so that you can see the push content.
 - *Delete* – Deletes the push message.

Stored information

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

The following could be sensitive:

- *Clear cache* – Stored information which is frequently used to improve frequent memory access.
- *Push inbox* – Received information from services.

To clear cache

1. Scroll to *WAP services*, **YES**, *Clear cache*, **YES**.

More features

Calendar

You can use the calendar to keep track of important meetings that you need to attend.

Tasks

You can save up to 100 tasks in your calendar, depending on the size of each item. You can choose to add a new task, or use an old task as a template by copying and editing it.

To add a new task

1. Scroll to *Extras*, **YES**, *Calendar*, **YES**, *Add task?*, **YES**.
2. Press **YES** and enter a subject, **YES**.
3. Scroll to *Location:*, press **YES**, enter a location, **YES**, and so on.
4. Scroll to *Continue?*, **YES**.
5. Scroll to *Schedule*, press **YES**, enter a start date, **YES**, and so on.
6. Scroll to *Reminder* and press **YES**.
7. Select the reminder interval you want, for example *15 min before*, and press **YES**.

If you select *Oth. reminder*, enter a reminder date and press **YES**. Enter a reminder time and press **YES**.

8. If the task is recurrent:

- Select *Recurrent app.* and press **YES**.
- Select the recurrence you want and press **YES**.

9. Confirm with *Save and close*, **YES**.

Viewing Your Calendar

To view your calendar content, scroll to *Extras*, **YES**, *Calendar*, **YES** and then select one of the following:

- *View today*. This shows all the tasks for the current day. An icon appears next to those tasks that cover the whole day. To see options for your tasks, press **#**.
- *View month*. This shows a whole month, with the current day in a square. Move within and among the weeks by using the arrow keys. Press **YES** to enter a certain day. Days on which you have tasks are marked in bold.
- *View week*. This shows a whole week. All your tasks are shown as grey boxes. You enter a certain day by pressing **YES** when that day is highlighted.

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

Editing and Deleting

You may wish to edit an task, for example, by changing the date or location.

To edit or delete a task

1. In the calendar, scroll to the day of the task you want to edit and press **YES**.
If you want to delete the task, press **(C)**. *Delete?* appears, press **YES**.
2. To edit, press **(#)**.
3. Select *Edit* and press **YES**.
4. Proceed as described in “To add a new task” on page 54.
5. When you have finished, scroll to *Save and close* and press **YES**.

The List of Options

In the list of tasks for a certain day, you can scroll to a task and press **(#)** to view a list of options:

- *Edit*. Enter the correct date, time and so on and press **YES** after each entry. When you have finished editing the task, scroll to *Save and close* and press **YES**.
- *Delete*. Press **YES** to delete an task.

- *Reschedule*. You can re-schedule an task. Select a week in the monthly view and press **YES**. Select a day in the weekly view and press **YES** to re-schedule the task to the selected day. Edit and press **YES**.
- *Copy*. You can use an old task as a template by copying and editing it. Enter a subject, description and so on, and confirm each entry by pressing **YES**.
- *Call*. Select a task that contains a phone number in the subject, and press **YES** to make the phone call.

Calendar Settings

To view your calendar options, scroll to *Extras*, **YES**, *Calendar*, **YES**, *Options*, **YES**, and then select one of the following:

- *Reminder*. Turn on this function if you want your phone to remind you even though the phone is turned off.
- *Profile switch*. If you set the profile switch reminder function to *On*, the question *Switch profile?* appears when a meeting is about to start. Press **YES** to view the list of profiles and select a profile. After the meeting, you are asked to switch profile again.
- *Delete all*. Deletes all tasks in the calendar.

Alarm clock

The phone has an alarm clock which rings at the time set, even if the phone is turned off. The alarm rings for 60 seconds and is repeated every nine minutes for 60 minutes until you turn it off.

To set the alarm

1. Scroll to *Extras*, **YES**, *Alarm Clock*, **YES**.
2. Enter the time and press **YES**.

To turn the alarm signal off

- Press any key to turn the alarm off when it rings.
If you do not want the alarm to be repeated, press **YES**.

To turn the alarm function off

1. Scroll to *Extras*, **YES**, *Alarm Clock*, **YES**.
2. Select *Cancel* and press **YES**.

To change the alarm signal

1. Scroll to *Settings*, **YES**, *Sounds & Alerts*, **YES**, *Alarm Signal*, **YES**.
2. Select a signal and press **YES**.

Stopwatch

The phone has a built-in stopwatch.

To run the stopwatch

1. Scroll to *Extras*, **YES**, *Stopwatch*, **YES**.
2. Press **YES** to start the stopwatch.
3. Press **YES** again to stop it.
4. Press **C** to reset the stopwatch.

Tip: By pressing **#** when the stopwatch is running, you can save up to 9 lap times. Press **←** or **→** to check your lap times.

Note: The stopwatch is turned off if you receive a call or text message, or if you exit the stopwatch menu.

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.
- Press *** 1/2** to enter a decimal point.

Timer

The phone has a built-in 24-hour timer. You set the time you want and when that time is up, the phone beeps.

To set the timer

1. Scroll to *Extras*, **YES**, *Timer*, **YES**.
2. Enter the time and press **YES** to start the timer.
3. When the alert sounds, press any key to turn it off.

Games

Your phone has several games. Help texts are available in each game.

To start a game

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

How to control the games:

2 = up	8 = down
4 = left	6 = right
C = pause	5 = select/deselect
NO = save and quit	YES = confirm
# = undo	* ↵ = reset

Security

The SIM card lock

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



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

If you enter your PIN incorrectly three times in a row, the SIM card is blocked. This is indicated by the message *PIN blocked*. To unblock it you need to enter your “PUK” (Personal Unblocking Key). Your PIN and PUK are supplied by your operator.

To unblock your SIM card

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

To change your PIN

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

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

To change your PIN2

1. Scroll to *Settings*, **YES**, *Locks*, **YES**, *SIM Lock*, **YES**, *Change PIN2*, **YES**.
2. Proceed as described in “To change your PIN”.

To turn the SIM card lock on or off

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

The phone lock

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

Phone lock on

If the phone lock is on, the message *Phone locked* *Phone lock code:* appears each time you turn on the phone. You have to enter your code followed by **YES** to use your phone.

Automatic

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

Changing the phone lock code

1. Scroll to *Settings*, **YES**, *Locks*, **YES**, *Phone Lock*, **YES**, *Change Code*, **YES**.
2. Follow the steps described in “To change your PIN” on page 58.

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

To set the phone lock

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

Troubleshooting

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





The phone cannot be switched on Hand-held Phone

- Recharge or replace the battery. See “Getting started” on page 4.

No indication of charging

When you start charging a battery that is empty or a battery that has not been used for a long time, it may take a while before the battery meter appears in the display.

Menu language

If the menu shows a language that you do not understand, you can always choose Automatic (determined by your SIM card) by pressing  8888  in standby. You can always choose English by pressing  0000  in standby.

Error messages

Insert card

There is no SIM card in the phone or you may have inserted it incorrectly. Insert a SIM card. See “The SIM card” on page 4.

Insert correct SIM card

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

SOS calls only

You are within range of a network, but you are not allowed to use it. However, in an emergency, some operators allow you to call the international emergency number 112. See “Making emergency calls” on page 24.

No network

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

Wrong PIN/Wrong PIN2

You have entered your PIN or PIN2 incorrectly.

- Enter the correct PIN or PIN2, and press **YES**. See “The SIM card lock” on page 58.

Codes do not match

When you want to change a security code (for example your PIN) you have to confirm the new code by entering it again. The two codes that you have entered do not match. See “The SIM card lock” on page 58.

PIN blocked/PIN2 blocked

You have entered your PIN or PIN2 incorrectly three times in a row. To unblock, see “The SIM card lock” on page 58.

PUK blocked – Contact operator

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

Phone locked

The phone is locked. To unlock the phone, see “The phone lock” on page 59.

Phone lock code:

Your phone comes with the phone lock code, 0000. You can change it to any four- to eight-digit code. See “The phone lock” on page 59.

Number not permitted

The Fixed Dialling function is on and the number you have dialled is not on your fixed numbers list. See “Fixed dialling” on page 37.

Additional information

Sony Ericsson consumer web site

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

Technical data

General

Product name	R600
System	GSM 900/GSM 1800
SIM Card	Small plug in card 3V or 5V

Dimensions

Size	105 x 45 x 20 mm
Weight with standard battery	approx. 80 g

Ambient temperatures

Max	+55°C
Min	-10°C

Declaration of conformity

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

declare under our sole responsibility that our product

Ericsson type 1102001-BV

and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards 3GPP TS 51.010-1, EN 301 489-7 and EN 60950, following the provisions of, Radio Equipment and Telecommunication Terminal Equipment Directive 99/5/EC with requirements covering EMC directive 89/336/EEC, and Low voltage directive 73/23/EEC.

Lund, October 2001

Place & date of issue

CE 0682



Kentaro Odaka, Head of Product Business Unit GSM/UMTS

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

Guidelines for safe and efficient use

Note: 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 partners should perform service.

- **Do not** use any accessories other than Ericsson originals compatible with the Product (see “Accessory information” on page 72). Use of other 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 the use of non-Ericsson approved accessories as specified above.
- **Treat your product with care, keep it in a clean and dust-free place.**

ANTENNA CARE

Do not attempt to remove the antenna yourself. If your mobile phone's antenna is damaged, please take it to an Ericsson service partner.

Only use an antenna that has been specifically designed by Ericsson 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

Only expose the mobile phone to temperatures between +55°C (+131°F) and -10°C (+14°F) when the mobile phone is in 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.
- 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 organisations, 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 Sony Ericsson/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.

The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardised methods with the mobile phone transmitting at its highest certified power level in all used frequency bands, but the actual SAR level of the mobile phone while operating can be well below this test value. This is because the mobile phone is designed to use the minimum power required to reach the network. Therefore, the closer you are to a base station, the more likely it is that the actual SAR level will decrease.

While there may be differences between the SAR levels of various mobile phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.

The highest SAR value for this mobile phone model when tested by Ericsson for use at the ear is 0.89 W/kg (10g). This international SAR data information is in accordance with the SAR limit recommended by the ICNIRP, which is 2W/kg averaged over ten (10) gram of tissue.

DRIVING

Please check if local laws and/or regulations, in the country/state where you are, restrict the use of mobile phones while driving.

Law in many countries/states requires drivers to use a Hands Free solution. If so, it is recommended that you use Ericsson Portable Hands Free (HPB-10, HPE-14) only with this mobile phone while driving.

- 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 is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone, 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.

Some hearing aids might be disturbed by mobile phones. In the event of such disturbance, you may want to contact your local Certified Call Centre to discuss alternatives.

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.

BLASTING AREAS

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

EXPLOSIVE ATMOSPHERES

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

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include 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.
- **DANGER** - Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in risk of electric shock.

CHILDREN

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

DISPOSING OF THE PRODUCT

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 a while (up to 30 minutes) before you get any indication (the battery meter appears in the display) that the battery is being charged.
- **Please note** that you cannot turn on the phone before the 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. The amount of battery power indicated by your battery meter is an estimate that may vary depending on your charging and use patterns. To ensure adequate power supply, keep your battery fully charged or carry additional charged batteries.
- Use only Ericsson original standard battery (BST-20) and chargers (Travel Charger CTR-10, CMT-10 or CST-10 and Cigarette Lighter Adapter CLA-10 or CLA-11) together with your mobile phone. Using other batteries and chargers could be dangerous, and the warranty does not cover product failures which have been caused by use of other 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.
- Turn off your phone before removing the battery.
- Use the battery for the intended purpose only.
- Do not attempt to take the battery apart.
- Do not let the metal contacts on the battery touch another metal object. This could short-circuit and damage the battery.
- Do not expose the battery to open flames. This could cause the battery to explode.
- Do not expose the battery to liquid, moisture or to humidity.
- Do not allow the battery to be put into the mouth. Battery electrolytes may be toxic if swallowed.

DISPOSING OF THE BATTERY

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



Limited warranty

Thank you for purchasing this 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 Sony Ericsson Warranty.
- Save your original receipt. You will need it for warranty repair claims. Should your Product need warranty service, please return it to the dealer from whom it was purchased, or contact your local Ericsson Certified Call Center or visit www.SonyEricssonMobile.com to get further information.

OUR WARRANTY

Sony Ericsson Mobile Communications AB, Nya Vattentorget S-221 88 Lund, 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 or service partners 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. Sony Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
2. If Sony Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Sony Ericsson.

3. This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with Sony 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 partner 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 or by use of Ericsson original accessories not compatible with the Product as specified in the Guidelines for Safe and Efficient Use chapter.
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 SONY 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.












Accessory information


















The R600 supports the following accessories:

- Standard battery BST-20.
- Portable handsfree with answering button HPB-10.
- Portable handsfree HPE-14.
- Desk Stand CDS-11.
- Chargers CTR-10, CMT-10 and CST-10.
- Cigarette lighter adapter CLA-10 and CLA-11.
- RS232 cable DRS-10 and DRS-11.

Icons

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

Symbol	Description
	GPRS is within range and can be used.
	You cannot receive any incoming calls.
	Tells you the status of the battery.
	The ring signal is turned off.
	All signals are turned off, except the alarm and timer.
	You have received a text message.
	You have received a voice message.
	You have received a WAP push message.
	The alarm clock has been set and is on.
	All incoming calls are diverted to a defined number, or Restrict Calls is in operation.
	An ongoing call.

Symbol	Description	Symbol	Description
	A missed call in the call list.		The network is forbidden and cannot be used.
	An answered call in the call list.		Your network is within range and can be used.
	A dialed number in the call list.		The card lock or phone lock is on. A secure WAP connection is established.
	The phone book entry is saved in the phone memory.		The keypad is locked.
	The phone book entry is a group.		Ciphering is currently not being provided by the network.
	A text message has not been read.		
	A voice message has not been checked.		
	You can enter the phone book by pressing  .		
	A text message is saved on the SIM card.		
	Melody inserted in a message.		
	The network is preferred and can be used.		

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