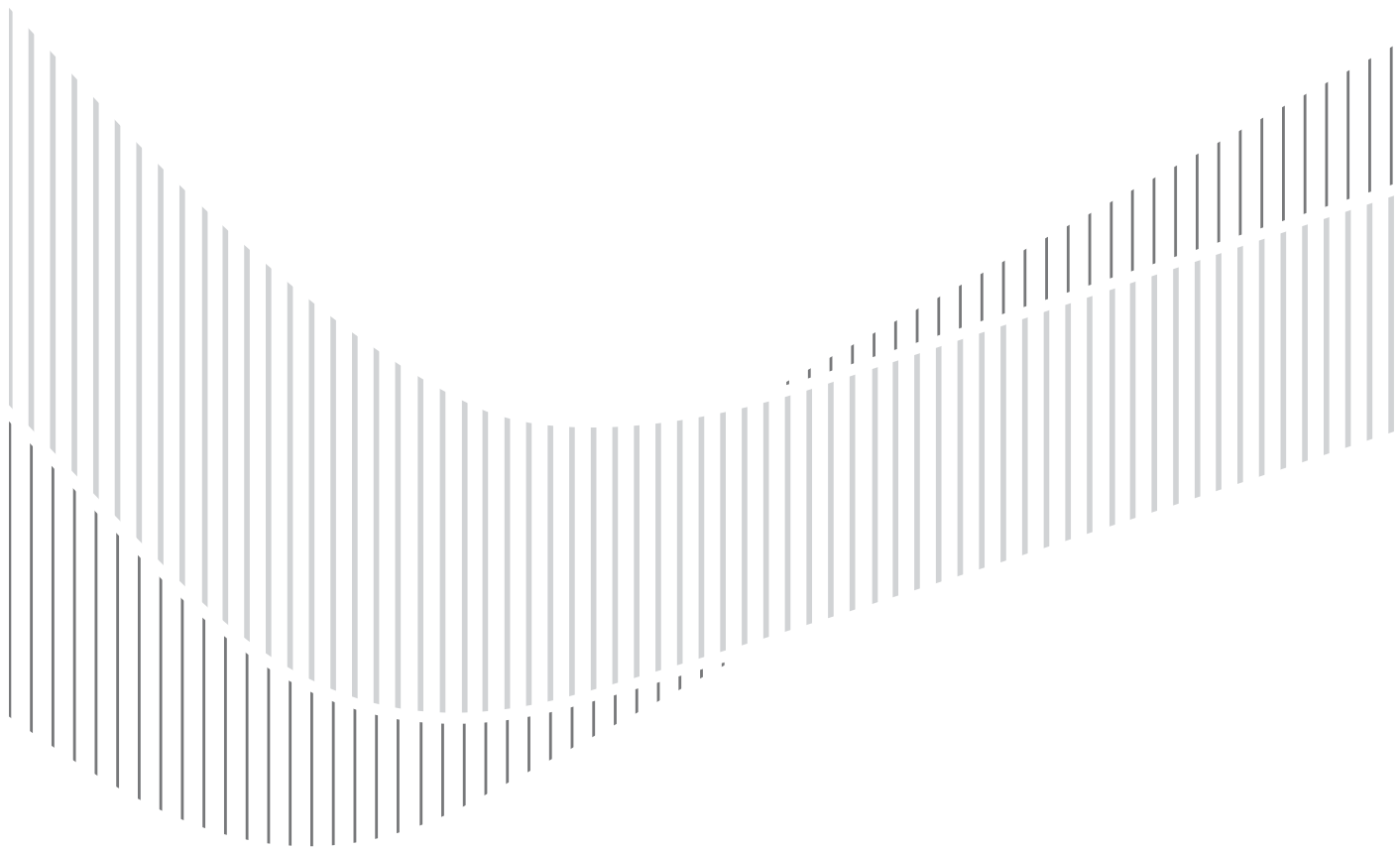
Sony Ericsson



K320

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Sony Ericsson

GSM 900/1800/1900

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

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

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

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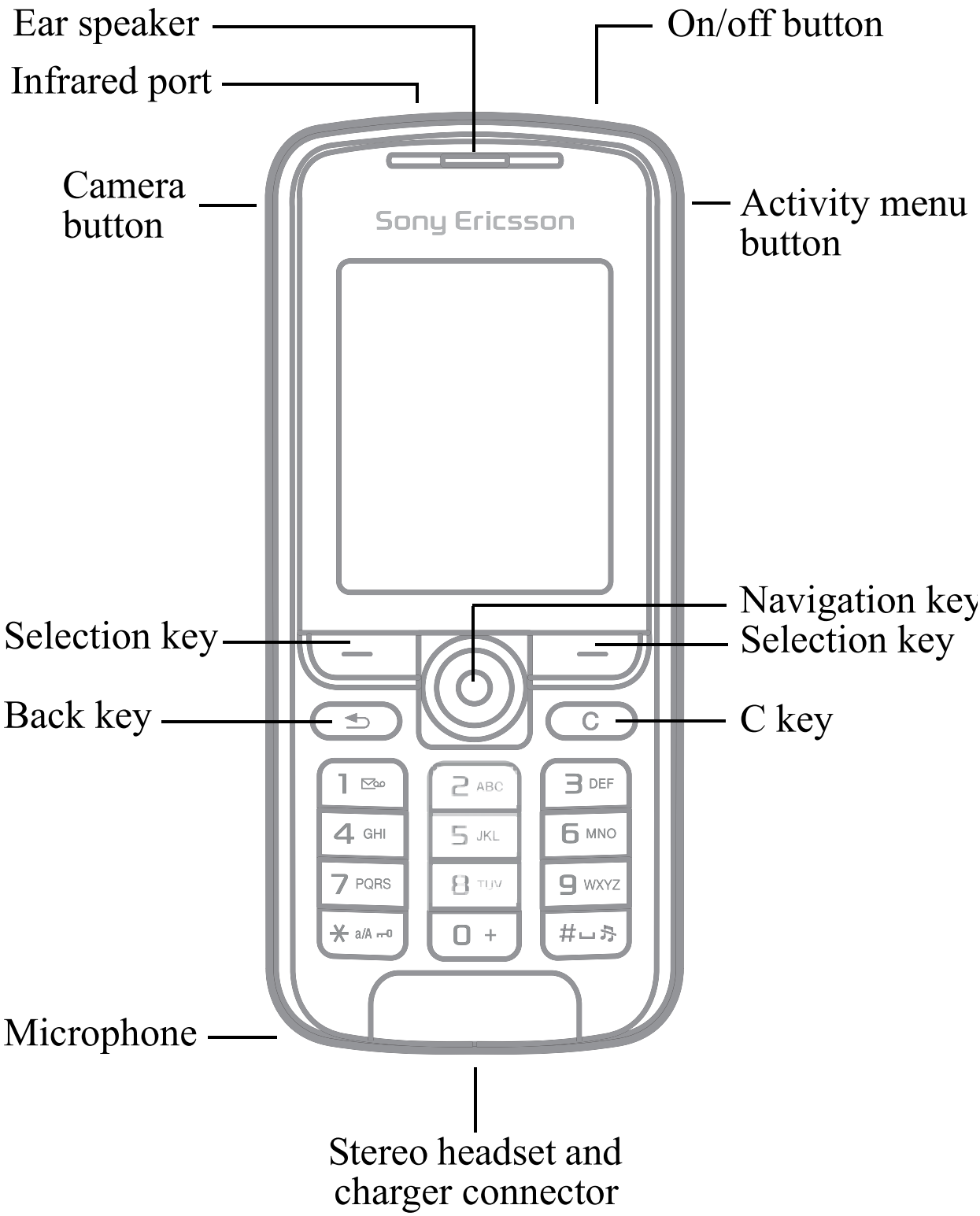
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Getting to Know your Phone



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Menu Overview

Alarms
Alarm
Recurrent alarm
Alarm signal

Internet services*

Entertainment
Online services*
PlayNow™*
Media player
Games
PhotoDJ™
MusicDJ™
Remote control
Record sound

Camera

Messaging
Write new
Inbox
My friends*
Email
Call voicemail
Drafts
Outbox
Sent messages
Saved messages
Templates
Settings

Camera pictures

Organizer
File manager
Calendar
Tasks
Notes
Calculator
Synchronization
Timer
Stopwatch
Code memo

Contacts**
Options
Speed dial
My business card
Groups**
SIM contacts**
Special numbers
Advanced
New contact

Settings
General
Sounds & alerts
Display
Calls
Connectivity

** Some menus are operator-, network- and subscription-dependent.*
*** The menu depends on which contacts are selected as default.*

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Status Bar Icons

Icon	Description
	*Tells you the strength of the GSM network signal.*
	*GPRS is within range and can be used.*
	*Tells you the status of the battery.*
	*Tells you the status of the battery charging.*
	*You have missed an incoming call.*
	*Call and messaging function alerts are off, alarm is still on.*
	*You have received a text message.*
	*You have received an email message.*
	*You have received a picture message.*
	*You have received a voice message.*
	*You have an ongoing call.*
	*You have an appointment reminder.*
	*You have a task reminder.*
	*Bluetooth™ wireless technology is turned on.*
	*The infrared port is turned on.*

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User Guide Symbols

The following instruction symbols appear in this User guide:

➡ See also page...

► Use the navigation key to scroll and select ➡ *12 Navigating the Menus*.

 Note



This symbol indicates that a service or function is network- or subscription-dependent. Because of this, all menus may not be available in your phone. Consult your service provider for more information.

Assembling your Phone

Insert the SIM card and attach the battery to use your phone.

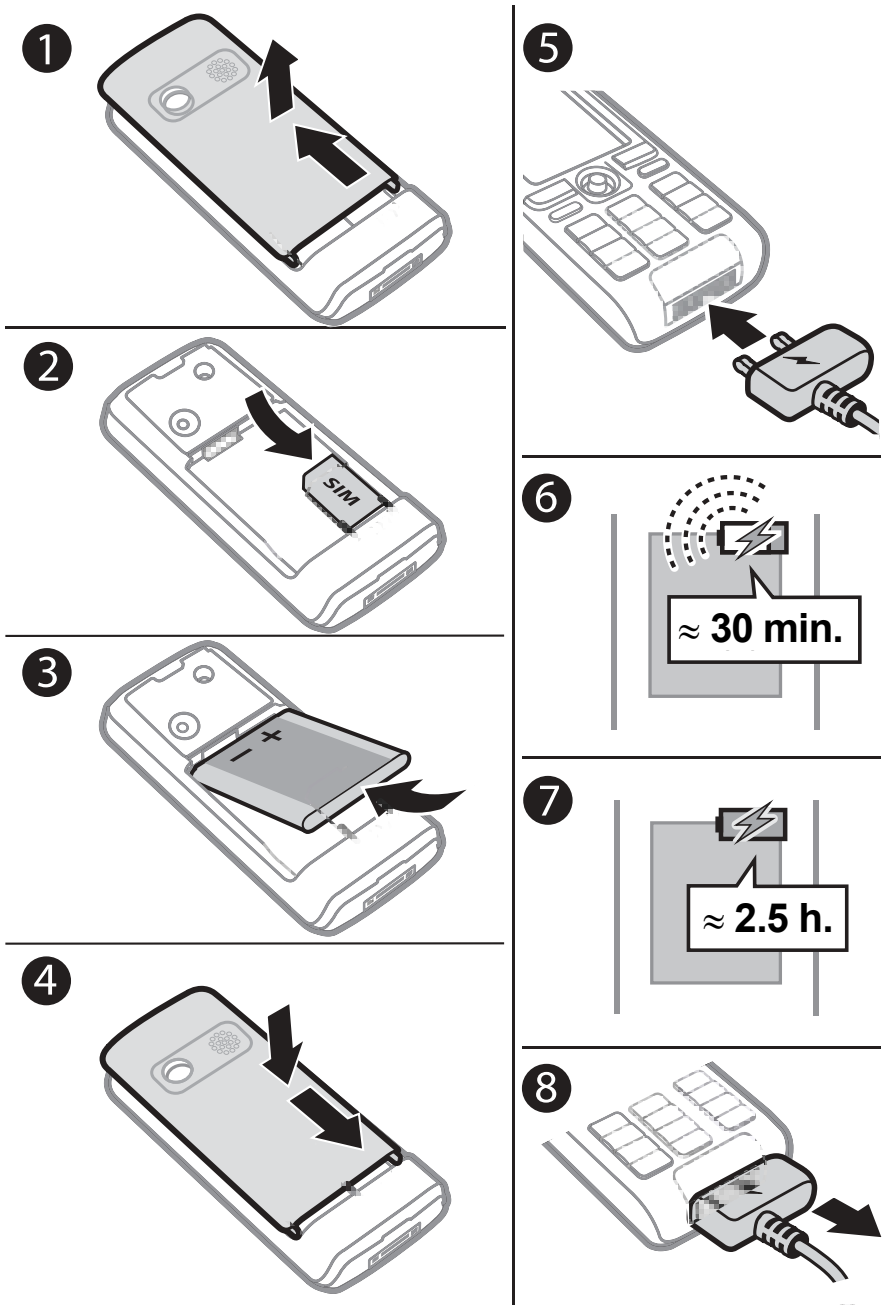
SIM card

When you register as a subscriber with a service provider, 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 contacts information, among other things.

 *Save contacts on your SIM card before you remove it from another phone. Contacts may have been saved in the phone memory* ➡ *20 Contacts.*

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To insert the SIM card and charge the battery



1 Slide the cover open and lift it off.
2 Insert the SIM card. Make sure the SIM card is placed under the silvery holders.
3 Place the battery in the phone with the label side up and the connectors facing each other.

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4 Place the cover on the phone and slide it into place.
5 Connect the charger to the phone. The symbol on the charger plug must face upwards.
6 It may take 30 minutes for the battery icon to appear.
7 Wait approximately 2.5 hours or until the battery icon indicates that the battery is fully charged. For an indication of charging, press — to activate the screen.
8 Remove the charger by pulling it out.

Some functions use more battery power than others and may cause a need for more frequent re-charging. However talk-time or standby time may become noticeably shorter due to wear and you may have to replace your battery. Only use approved batteries from Sony Ericsson ➡ *71 Battery.*

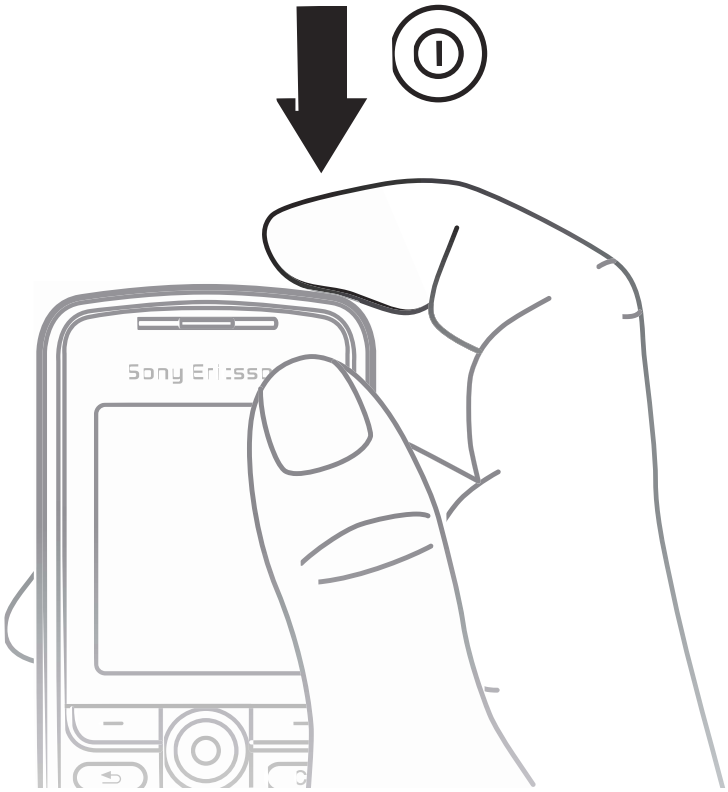
PIN

You may need a PIN (Personal Identification Number) from your service provider to activate the services in your phone. Each PIN digit appears as *, unless it starts with emergency number digits, for example, 112 or 911. This is so that you can see and call an emergency number without entering a PIN ➡ *19 Emergency calls*. Press C to correct mistakes.

If you enter the wrong PIN three times in a row, the SIM card is blocked ➡ *59 SIM card lock.*

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To turn the phone on and off



1 Press and hold ⏻ to turn on or off.
2 Enter your SIM card PIN, if you have one.
3 At first startup, select the language for phone menus.
4 Select **Yes** if you want the setup wizard to help you with instructions and tips or select **No**. The setup wizard is also available in the menu system ► **Settings** ► **General** ► **Setup wizard**.

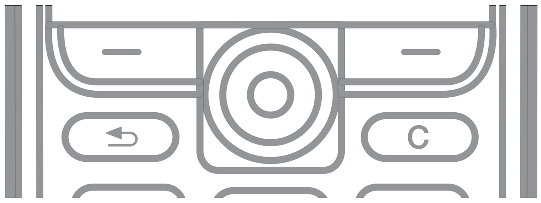
To make and receive calls

Enter an area code and phone number ► **Call** to make the call. ► **End call** to end the call. When the phone rings ► **Answer** to answer the call.

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Navigating the Menus

The main menus are shown as icons. Some submenus include tabs that appear on the screen.



- Press ◉ (navigation key) to go to the main menu or to select items.
- Press ◎, ◎, ◎ or ◎ to move through menus and tabs.
- Press ⮌ to go back one level in the menus or to end a function or application.
- Press and hold ⮌ to return to standby.
- Press — to select the options shown immediately above these keys on the screen.
- Press C to delete items.
- ► **More** to enter a list of options.
- ► **Info** to get help on selected features.

Shortcuts

From standby, you can use ◎, ◎, ◎, ◎ to go directly to a function.

To create a standby shortcut

1 If, for example, ◎ has no predefined shortcut ► **Yes**.
2 Scroll to a function to create a shortcut to ► **Shortcut**.

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To edit a standby shortcut

1 ► Settings ► General ► Shortcuts and select an existing shortcut you want to edit ► Edit.
2 Scroll to and select a function ► Shortcut.

Activity Menu

Open the activity menu to view and handle new events, access bookmarks and shortcuts.

To open and close the activity menu

Press ⌂. Use ◎ or ◎ to scroll between tabs.

Activity menu tabs

- New events – missed calls and messages.
- My shortcuts – applications that are running in the background and your shortcuts. You can add, delete and change the order of shortcuts.
- Bookmarks – your Internet bookmarks.
- If you want new events to appear as pop-up text instead of in the activity menu ► Settings ► General ► New events ► Popup.

Shut Down Menu

Shut down the phone, lock keys, turn on silent mode or activate a profile. For more information about profiles ➡ *55 Profiles*.

To open and close the shut down menu

Press ⏻ and select an option from the list.

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File Manager

Files such as pictures, videos, sounds, themes, games and applications are saved in folders in the phone memory.

To manage files and folders

1 ► Organizer ► File manager and select a folder.
2 Scroll to a file ► More ► Manage files and choose an option.
3 Select a folder or ► New folder and name the folder ► OK.

To select several files

1 ► Organizer ► File manager and select a file ► More ► Mark, select Mark several or Mark all.
2 Scroll and select more files by pressing Mark or Unmark.

To check memory status

► Organizer ► File manager ► More ► Memory status.

File information

View file information by highlighting a file ► More ► Information. Copyright-protected files cannot be copied or sent.

Synchronizing items

For more information ➡ *46 Synchronizing*.

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Languages

Select the language for menus and when writing text.

To change the phone language

- ► Settings ► General ► Language ► Phone language, select a language.
- From standby, press:
  ◎ 0000 ◎ for English or
  ◎ 8888 ◎ for Automatic language (SIM-dependant).

To select writing languages

1 ► Settings ► General ► Language ► Writing language.
2 Scroll and select languages by pressing Mark or Unmark. ► Save to exit the menu.

Entering Letters and Characters

To enter letters using multitap text input

- Press 2 – 9 until the desired character appears.
- To shift between capitals and lower-case letters, press *a/A.
- To enter numbers, press and hold 0+ – 9.
- To add a space, press #␣.
- For the most common punctuation marks, press 1.
- To enter the + sign, press 0+.
- To change input method, press and hold *a/A.

T9™ Text Input

The T9™ Text Input method uses a built-in dictionary to recognize the most commonly used word for each sequence of key presses. This way, you press each key only once, even if the letter you want is not the first letter on the key.

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To enter letters using T9™ Text Input

1 ► Messaging ► Write new ► Text message.

2 For example, if you want to write the word “Jane”, press 5, 2, 6, 3.

3 If the word shown is the one you want, press #⌴ to accept and add a space. To accept a word without adding a space, press ►. If the word shown is not the one you want, press ▲ or ▼ repeatedly to view alternative words. Accept a word and add a space by pressing #⌴.

4 Continue writing your message. To enter a period or other punctuation marks, press 1 and then ▲ or ▼ repeatedly. Accept and add a space by pressing #⌴.

To add words to the T9™ Text Input dictionary

1 While entering letters ► More ► Spell word.

2 Edit the word by using multitap input. Press ◄ and ► to navigate between letters. To delete a character, press C. To delete an entire word, press and hold C.

3 When you have edited the word ► Insert. The word is added to the T9™ Text Input dictionary. Next time you enter this word using T9™ Text Input, it will appear as one of the alternative words.

Options when entering letters

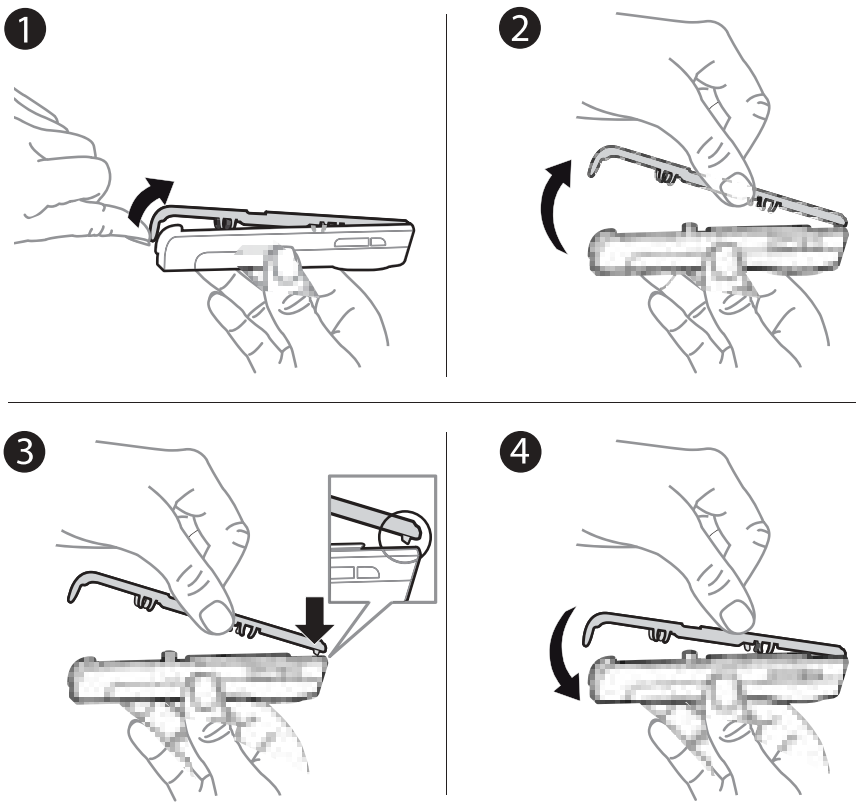
► More to view options when entering letters.

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Changing Style-Up™ Covers

Some kits may include additional Style-Up™ covers. Follow these instructions to change covers.

To change the front cover



1 Insert your thumbnail into the groove on the bottom of the phone.
2 Gently lift the front cover away from the phone.
3 Align the cover with the top of the phone as shown.
4 Snap the cover into place by gently pushing down until it is lying flat.

To change the battery cover

➡ *9 To insert the SIM card and charge the battery.*

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Calling

Making and receiving calls

Turn on the phone and make sure that you are within range of a network to make and receive calls ➡ *11 To turn the phone on and off*. If your subscription includes the Caller ID service and the caller's number is identified, the number is displayed. If the number is saved in **Contacts**, the name, number, and picture (if defined) are displayed. If the number is a restricted number, **Withheld** is displayed.

To make a call

Enter a phone number (with international country code and area code, if applicable) ► **Call** to make the call. ► **End call** to end the call.

To redial a number

If the connection failed, **Retry?** is displayed ► **Yes**.

Do not hold the phone to your ear while waiting. When a call connects, the phone gives a loud signal.

To answer or reject a call

► **Answer** to answer a call. ► **Busy** to reject a call.

To change the ear speaker volume

During a call, press ◎ or ◎ to increase or decrease the volume.

To select more options during a call

Press ◉ and select an option.

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To turn off the microphone

Press and hold C. To resume, press and hold C again.

To use the loudspeaker during a voice call

► More ► Turn on speaker or ► Turn off speaker.

Missed calls

When you have missed a call, it appears in the activity menu if New events is set to Activity menu. ► Call to call the missed number.

If New events is set to Popup, Missed calls: appears. ► Yes to view the missed calls in the call list or ► No to do it later. To change the Activity menu settings ➡ *13 Activity Menu*.

To call a number from the call list

1 ► Calls from standby and select a tab.
2 Scroll to the name or number you want to call ► Call.

To add a call list number to contacts

1 ► Calls from standby and select a tab.
2 Scroll to the number you want to add ► More ► Save number.
3 Select New contact to create a new contact, or an existing contact to add the number to.

Emergency calls

Your phone supports international emergency numbers, for example, 112 and 911. This means that these numbers can normally be used to make an emergency call in any country, with or without a SIM card inserted, if a GSM network is in range.

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

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To make an emergency call

Enter, for example, 112 ► **Call**.

To view your local emergency numbers

► **Contacts** ► **Options** ► **Special numbers** ► **Emergency nos.**

Contacts

Choose **Phone contacts** for detailed information saved in the phone memory or **SIM contacts** for names and numbers on the SIM card.

To select default contacts

1 ► **Contacts** ► **Options** ► **Advanced** ► **Default contacts**.
2 Select **Phone contacts** or **SIM contacts**.

To check the memory status

► **Contacts** ► **Options** ► **Advanced** ► **Memory status**.

The number of entries you can save depends on the amount of memory available in the phone or on the SIM card.

Managing contacts

Save numbers, add pictures, ringtones and personal information.

To add a contact

1 ► **Contacts** ► **New contact** ► **Add**.
2 Enter the name ► **OK**.
3 ► **New number:** ► **Add**
4 Enter the number ► **OK**.

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5 For phone contacts only, select a number.
6 Scroll between tabs and select fields to enter more information.
7 When you have entered the information ► **Save**.

It is recommended to enter the + sign and country code for all numbers.

To add a picture or a ringtone to a contact

1 ► **Contacts** and select the contact. ► **More** ► **Edit contact**.
2 Select the relevant tab and then select a **Picture** or **Ringtone** ► **Add**. Select a picture or sound and ► **Save**.

To add your own business card

► **Contacts** ► **Options** ► **My business card** and enter the information for your business card ► **Save**.

To send your business card

► **Contacts** ► **Options** ► **My business card** ► **Send my card**.

To call a phone contact

► **Contacts** scroll to, or enter the first letter of the contact. Use ◎ or ◎ to select a number ► **Call**.

To call a SIM contact

- If **SIM contacts** is default ► **Contacts** and select a name and number from the list ► **Call**.
- If **Phone contacts** is default ► **Contacts** ► **Options** ► **SIM contacts** and select a name and number ► **Call**.

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To copy names and numbers to the SIM card

1 ► Contacts ► Options ► Advanced ► Copy to SIM.
2 Select Copy all or Copy a number.

When copying all contacts from the phone to the SIM card, all existing SIM card information is replaced.

To copy SIM contacts to phone contacts

1 ► Contacts ► Options ► Advanced ► Copy from SIM.
2 Select Copy all or Copy a number.

To always save to the SIM card

1 ► Contacts ► Options ► Advanced ► Auto save on SIM.
2 Select On.

To send contacts

- To send a selected contact ► More ► Send contact and select a transfer method.
- To send all contacts ► Contacts ► Options ► Advanced ► Send all contacts.

To edit a phone contact

1 ► Contacts and select a contact ► More ► Edit contact.
2 Scroll to the relevant tab and edit the information ► Save.

To edit a SIM contact

1 If SIM contacts is default ► Contacts. If Phone contacts is default ► Contacts ► Options ► SIM contacts.
2 Select the name and number you want to edit.
3 ► More ► Edit contact and edit the name and number.

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To delete contacts

- ► Contacts select a contact, press C.
- ► Contacts ► Options ► Advanced ► Delete all contacts ► Yes and ► Yes. Names and numbers on the SIM card are not deleted.

To set the default number for a contact

Select the first phone number to be displayed for a contact ► Contacts and scroll to a contact ► More ► Default number.

Speed dialing

Save numbers in positions 1-9 in your phone to access them easily.

To set or replace speed dialing numbers

1 ► Contacts ► Options ► Speed dial.
2 Scroll to the position ► Add or ► Replace and select a phone number.

To speed dial

From standby, enter a speed dial number 1-9 ► Call.

Voicemail

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

To save your voicemail number

Press and hold 1 ► Yes enter the number ► OK. You can get the number from your service provider.

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To call your voicemail service

If you have saved your voicemail number, press and hold 1.

To check your voicemail number

► Messaging ► Settings ► Voicemail number.

Forwarding Calls

Forward calls, for example, to an answering service.

To activate a call forward

1 ► Settings ► Calls ► Divert calls.
2 Select a call type and forward option ► Activate.
3 Enter a phone number to forward your calls to, or ► Look up to find a contact ► OK.

To deactivate a call forward

Scroll to the forward option ► Deactivate.

To check all forward options

► Settings ► Calls ► Divert calls ► Check all.

More than One Call

Handle more than one call simultaneously.

Call waiting service

You hear a beep if you receive a second call.

To activate the call waiting service

► Settings ► Calls ► Manage calls ► Call waiting ► Activate ► Select.

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To make a second call

1 ► More ► Hold to hold the ongoing call.
2 Enter the number to call ► Call.

Receiving a second call

When you receive a second call, select one of the following options:

- To answer and put the ongoing call on hold ► Answer.
- To reject and continue the ongoing call ► Busy.
- To answer and end the ongoing call ► Replace active call.

Handling two calls

If you have calls ongoing and on hold, select one of the following options:

- To switch between the two calls ► More ► Switch.
- To join the two calls ► More ► Join calls.
- To connect the two calls ► More ► Transfer call. You are disconnected from both calls.
- To retrieve the call on hold ► End call ► Yes.
- To end both calls ► End call ► No.



You cannot answer a third call without ending one of the first two calls or joining them into a conference call.

Conference calls

Start a conference call by joining an ongoing call and a call on hold.

To join the two calls into a conference call

► More ► Join calls.

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To add a new participant

1 ► More ► Hold to put the joined calls on hold.
2 ► More ► Add call and call the next person.
3 ► More ► Join calls.
4 Repeat the procedure to include up to five participants.

To release a participant

► More ► Release part. and select the participant.

To have a private conversation

1 ► More ► Talk to and select a participant.
2 ► More ► Join calls to resume the conference call.

Two voice lines

Make separate calls with different phone numbers if your subscription supports the Alternate Line Service.

To select a line

► Settings ► Calls and select line 1 or 2.

To change the name of a line

► Settings ► Display ► Edit line names and select the line to edit.

Additional Calling Functions

Tone signals

Use telephone banking services or control an answering machine by sending tone signals during a call.

- To send the tones, press 0 + - 9, * a/A 0 or # ␣.
- To clear the screen after a call has ended, press C.
- To turn the tones on or off during a call, press ◉ in standby and select Disable tones or Enable tones.

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Notepad

Write down a phone number during a call. When you end the call, the number remains on the screen to call or save in your contacts.

Showing or hiding your phone number

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

To always show or hide your phone number

1 ► Settings ► Calls ► Show/hide my no.
2 Select Show number, Hide number or Network default.

Call time

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

To check the call time

► Settings ► Calls ► Time & cost ► Call timers. To reset ► More and select Reset total or Reset outgoing.

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Messaging

Your phone supports various messaging services. Contact your service provider about the services you can use or visit *www.sonyericsson.com/support*.

Text Messaging (SMS)

Text messages can contain pictures, animations, melodies and sound effects.

Before you start

A service center number is provided by your service provider for you to send and receive text messages. It may be on the SIM card or you can add the number yourself.

To set a service center number

1. ► **Messaging** ► **Settings** ► **Text message** ► **Service centre**. The number is shown if it is saved on the SIM card.
2. If there is no number ► **New ServiceCentre** and enter the number, including the international "+" sign and country code ► **Save**.

To write and send a text message or save a draft

1. ► **Messaging** ► **Write new** ► **Text message**.
2. Write your message. To insert an item in your message ► **More** ► **Add item**.
3. ► **Continue**. (To save the message for later, press ⮌ and ► **Yes** to save in **Drafts**.)
4. Select **Enter phone no.** and enter the recipient's number, or **Contacts look-up** to find a number or a group, or select from the last used recipients list.

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5 To change the default options for your message, for example, to request a read report ► More ► Advanced select an option ► Edit and select a setting ► Done.

6 ► Send.



You can convert your text message to a picture message. While writing ► More ► To picture msg.

To copy and paste text in a message

1 While writing your message ► More ► Edit.

2 Select Copy all to copy all of the text in your message, or Copy text ► Start and use the navigation key to mark text ► End.

3 ► More ► Edit ► Paste.

Receiving messages

When you receive a text message or an automatically downloaded picture message, it appears in the activity menu if New events is set to Activity menu. ► View to read the message.

If New events is set to Popup, you are asked if you want to read the message. ► Yes to view the message or ► No to do it later. Press ⮌ to close the message. To change the activity menu settings ➡ *13 Activity Menu*.



If the phone memory is full, you must delete messages or email messages before you can receive new ones.

To call a number in a message

Select the phone number displayed in the message ► Call.

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To save an item in a text message

1 While reading a message, select the item ► **More**.
2 Select **Use** (the phone number you have selected appears) to save a phone number, or **Save picture** to save a picture, or **Save bookmark** to save a Web address.

To save a selected message

► **More** ► **Save message** select **Saved messages** (SIM card) or **Templates** (phone).

To save several messages in a folder

1 Select a message ► **More** ► **Mark several**.
2 Scroll and ► **Mark** to select messages ► **More** ► **Save messages**.

To delete a message

Select a message and press C.

To delete several messages in a folder

1 Select a message ► **More** ► **Delete all msgs** or ► **Mark several**.
2 ► **Mark** to select messages ► **More** ► **Delete messages**.

Long messages

The number of characters allowed in a text message depends on the language used for writing. You can send a long message by linking two or more messages. You are charged for each of the messages linked in a long message. The recipient may not receive all parts of a long message at the same time.



Check with your service provider for the maximum number of messages that can be linked.

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To activate long messages

► Messaging ► Settings ► Text message ► Max. msg length ► Max. available.

To check the delivery status of a sent message

► Messaging ► Sent messages and select a text message ► View ► More ► Details.

Picture Messaging (MMS)

Picture messages can contain text, pictures, video clips, camera pictures, sound recordings, and signatures.

Sending and receiving phones must have subscriptions that support picture messaging.

Before you start

If required settings are not already in your phone ➡ *44 Settings*.

Creating and sending picture messages

Select to write text and add pictures, sound, video, your signature, and other attachments.

To create and send a picture message

1 ► Messaging ► Write new ► Picture msg.

2 Add text and ► More to add an item to the message.

When you are ready to send it, continue as you would with a text message ➡ *28 Text Messaging (SMS)*.

For picture messages, you have the same options as for text messages, such as copy and paste, save, and delete messages ➡ 28 Text Messaging (SMS).

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To create your own signature for picture messages

► Messaging ► Settings ► Picture message ► Signature ► New signature.

To save an item found in a picture message

➡ *30 To save an item in a text message*

Automatic download

Select how to download your picture messages: ► Messaging ► Settings ► Picture message ► Auto download to view options:

- Always – automatically download messages.
- Ask in roaming – ask to download other network messages.
- Not in roaming – do not download other network messages.
- Always ask – ask to download messages.
- Off – new messages appear in the inbox as icons. Select the message ► View to download.

Voice Messages

Send and receive a sound recording as a voice message.



Sending and receiving phones must have subscriptions that support picture messaging.

To record and send a voice message

1 ► Messaging ► Write new ► Voice message.
2 Record your message ► Stop.
3 ► Send to send the message.
4 Select Enter email addr. to enter an email address, or Enter phone no. to enter the recipient's number, or Contacts look-up to retrieve a number or group from Contacts, or select from the last used recipients list ► Send.

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Receiving voice messages

When you receive an automatically downloaded voice message it appears in the activity menu if **New events** is set to **Activity menu**. ► **Play** to listen to the message.

If **New events** is set to **Popup**, you are asked if you want to listen to the voice message. ► **Yes** to play the message or ► **No** to play it later. Press ⮌ to close the message.

Email

Connect to a POP3 or IMAP4 mail server to send and receive email messages with your phone. You can use the same email settings in your phone as in your computer email program.

Before you start

If required settings are not already in your phone
➡ *44 Settings*.

To write and send an email message

1. ► **Messaging** ► **Email** ► **Write new**.
2. Select **Add** to enter an email address, or **Contacts look-up** to find an address in **Contacts**, or an email address from the last used recipients list.
3. To add more recipients select **To**, **Cc:** or **Bcc:**.
4. When you have selected recipients ► **Done**.
5. Write the subject ► **OK**. Write the text ► **OK**.
6. To add an attachment ► **Add** and select the attachment ► **Done** ► **Continue**.
7. ► **Send** or ► **More** to view options.

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To receive and read email messages

1 Select **Messaging** ► **Email** ► **Inbox**. If the inbox is empty ► **Send&rec**. If the inbox is not empty ► **More** ► **Send & receive**.
2 Select a message ► **View** to read it.

To reply to an email message

1 Open the email message ► **Reply**.
2 Write your message ► **More** to view options.
3 ► **OK** ► **Continue** ► **Send** to send the message.

To save an item or attachment in an email message

- To save an email address, a phone number or a Web address ► **More** and select to save the item.
- To save an attachment, select the message ► **More**. Select the attachment ► **Save**.

To delete email messages

- To delete a selected message, press C.
- To delete several messages in a folder ► **More** ► **Mark several**. Scroll and ► **Mark** to select messages. ► **More** ► **Mark for deletion**. The marked messages are deleted the next time you connect to your email server.

For IMAP4 users: ► **More** ► **Clear inbox** *and select* ► **With send & rec.** *or* ► **No send & rec.** *to delete messages the next time you connect to your email server.*

My friends

For more information, contact your service provider or visit *www.sonyericsson.com/support*.

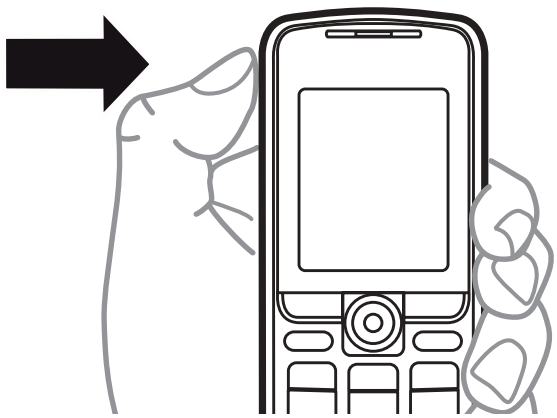
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Imaging

Camera and Video Recorder

Your phone has a digital camera which also works as a digital video recorder. Take pictures and record video clips to save, send or use. Use a picture as a screen saver, wallpaper or a contact item ➡ *21 To add a picture or a ringtone to a contact.*

To take pictures and video clips



1 Press and hold ◉ to start the camera, press ◉ or ◉ to switch between video and photo.
2 Press ◉ again to take a picture or start the video.
3 To end the video recording, press ◉.

Alternatively, you can select **Camera** *to start the camera, and then* **Capture** *to take the picture or* **Record** *to start the video.*
If you try to record with a strong light source such as direct sunlight or a lamp in the background, the screen may black out or the picture may be distorted.

To use the zoom

Use ◉ and ◉ to zoom in and zoom out.

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Camera options

When the camera is activated ► **More** to view options:

- **View all clips** (video).
- **Shoot mode** (video) – select **For picture msg** or **High quality video**.
- **Video size** – select **Large 176x144** or **Small 128x96**.
- **Night mode** – enhance picture or video quality in poor lighting conditions.
- **Effects** – select different effects for your picture or video.
- **View all pictures** (pictures).
- **Shoot mode** (pictures) – select **Normal** for no frame, **Panorama** to combine several pictures into one wide picture, **Frames** to add a frame to your picture and **Burst** to take several pictures in rapid succession.
- **Picture size** – select **Large 640x480**, **Medium 320x240**, **Small 160x120** or **Extended**.
- **Self-timer** (pictures) – the picture is taken a few seconds after you press the camera button.
- **Picture quality** – select **Normal** or **Fine** picture quality.
- **Shutter sound** (pictures) – select different shutter sounds.

Pictures and Video Clips

Your phone comes with pictures and video clips, which you can delete to free memory. All pictures and videos are saved in the file manager. When you have taken a picture, you can also view it by selecting **Camera pictures**. The number of pictures or video clips that you can save depends on the size of the files. There is support for GIF, JPEG, WBMP, BMP, PNG, MP4 and 3GP.

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To view your pictures

1 ► **Camera pictures** or ► **Organizer** ► **File manager** ► **Pictures**.
2 Pictures are shown in thumbnail view, for full picture view ► **View**.
3 ► **Horizontal** to view the picture horizontally.
4 ► **More** to display options.

To view your video clips

1 ► **Organizer** ► **File manager** ► **Videos**.
2 ► **View** ► **Play**.
3 ► **Stop** and ► **More** to display options.

To search camera pictures by time line

1 ► **Camera pictures** or **Organizer** ► **File manager** ► **Pictures** ► **Camera pictures**.
2 ► **More** ► **Time line search** and browse the camera pictures, sorted by date or month in a time line.

Exchanging pictures and video clips

Exchange pictures and video clips with friends using one of the available transfer methods. You may not be allowed to exchange copyright-protected material.

Using a USB cable, you can drag and drop pictures and video clips to a computer ➡ *48 USB Cable*.

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To send a picture or video clip

1 ► Organizer ► File manager ► Pictures or ► Videos.
2 Select a picture or video clip ► More ► Send. Select a transfer method.

To receive and save a picture or video clip

- From a message containing the item ➡ *28 Messaging*.
- Via another transfer method, make sure the transfer method is activated and follow the instructions that appear.

Screen saver and wallpaper

The screen saver is activated when the phone has been in idle mode for a few seconds. After a few more seconds sleep mode is activated, to save power. If you have a picture as wallpaper, this picture is shown in standby mode.

To use a picture

1 ► Organizer ► File manager ► Pictures and select a picture.
2 ► More ► Use as and select an option.

PhotoDJ™

Visit *www.sonyericsson.com/support* for information on how to use PhotoDJ™ in your phone.

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Entertainment

Media Player

Play music and video clips that you download or receive in a picture message or transfer from your computer. The following file types are supported: MP3, MP4, 3GP, AMR, MIDI, IMY, EMY and WAV (16 kHz maximum sample rate). You can also use streamed files that are 3GPP compatible.

To play music or view a video clip

► **Entertainment** ► **Media player** and browse for songs by selecting **Artists**, **Tracks**, **Playlists** or **Videos**. Highlight a title ► **Play**.

Media player controls

- **Stop** – pause a music track.
- **Pause** – pause a video clip.
- Press ◎ – go to the next music track or video clip.
- Press ◎ – go to the previous music track or video clip.
- Press and hold ◎ or ◎ – fast forward or rewind when playing music tracks or video clips.
- Press ◎ or ◎ – adjust the volume.
- Press ⮌ to go to the media player browser.
- Press and hold ⮌ to exit.

Media player options

When the media player is activated ► **More** to view options:

- **Now playing** – view the track playing.
- **Add media** – add items or folders to the playlist.
- **Sort** – sort by artist, title or by the order in which items were added to the playlist.
- **Delete** – remove an item. In the **Tracks** list, the item is permanently deleted from the memory.

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- **Minimize** – minimize the media player and return to standby with the music still playing.
- **Rename** – rename user-created playlists.
- **Delete playlist** – delete user-created playlists.
- **Information** – view information about the current track or video.
- **Play mode** – select **Shuffle** to play the playlist items in random order, or **Loop** to restart the playlist when the last item has been played.
- **Equalizer** – change treble and bass settings.
- **Send** – send a music track or video clip.
- **Capture frame** – when you pause a video clip, capture a picture from it.

Available options depend on if you have selected **Now playing**, **Artists**, **Tracks**, **Playlists** *or* **Videos**.

PlayNow™

► **Entertainment** ► **PlayNow™** to pre-listen, buy and download music via the Internet. If required settings are not already in your phone ➡ *44 Settings*. For more information, contact your service provider or visit *www.sonyericsson.com/support*.

Ringtones, Melodies, Sounds and Alerts

Use standard and polyphonic melodies as ringtones. You can exchange melodies via a transfer method. A sound file that cannot be set as a ringtone is not supported. You may not be allowed to exchange copyright-protected material.

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To select a ringtone

► Settings ► Sounds & alerts ► Ringtone.

To turn the ringtone on or off

Press and hold #⌐♫ from standby. All signals except the alarm signal are turned on or off.

To set the ringtone volume

► Settings ► Sounds & alerts ► Ring volume and press ◎ or ◎ to decrease or increase ► Save.

To set the vibrating alert

1 ► Settings ► Sounds & alerts ► Vibrating alert.
2 Set this alert to On, On if in Silent or Off.

To set sounds and alerts options

► Settings ► Sounds & alerts, you can set:

- Message alert – select message notification.
- Key sound – select the key press sound.

To send and receive a melody

1 ► Organizer ► File manager ► Sounds and select a melody.
2 ► More ► Send and select a transfer method.

When you receive a melody, follow the instructions that appear.

You cannot send a polyphonic melody or an MP3 file in a text message.

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Sound recorder

Record your own voice memos or calls which can be set as ringtones. Recording stops automatically if you receive a call. Recordings are saved in the phone.

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

To start a sound recording

► Entertainment ► Record sound.

To listen to your recordings

1 ► Organizer ► File manager ► Sounds and select a recording.

2 ► Play to listen to the recording. Press or to go to the previous or next recording. ► Stop to stop playback. ► More to view options.

Themes, Games and Applications

Your phone comes with predefined themes, games and applications. You can also download new content to your phone. For more information, visit *www.sonyericsson.com/support*.

To set a theme

► Organizer ► File manager ► Themes select a theme ► Set.

To send and receive a theme

1 ► Organizer ► File manager ► Themes and select a theme.

2 ► More ► Send and select a transfer method. When you receive a theme, follow the instructions that appear.

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To download a theme

► Organizer ► File manager ► Themes and scroll to a direct link ► Go to.

If required settings are not already in your phone ➡ *44 Settings*.

To start and end a game

1 ► Entertainment ► Games and select a game ► Select.

2 Press and hold ⮌ to end the game.

To download a game

► Entertainment ► Games and scroll to a direct link ► Go to.

If required settings are not already in your phone ➡ *44 Settings*.

To start and end an application

1 ► Organizer ► File manager ► Applications and select an application ► Select.

2 Press and hold ⮌ to end the application.

Unrecognized formats are saved in the Other *folder.*

To download an application

► Internet services ► More ► Go to ► Bookmarks to a direct link ► Go to.

If required settings are not already in your phone ➡ *44 Settings*.

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Connectivity

Settings

Before you start using the Internet, messaging, My friends or PlayNow™, specific settings are required in your phone.

Settings may already be entered when you buy your phone. If not, contact your network operator, service provider or visit *www.sonyericsson.com/support* for more information.

In order to use the Internet, and send and receive picture and email messages, you need the following:

- A phone subscription that supports data transmission.
- Settings entered in your phone.
- You may also have to register as an Internet and email user with your service provider or network operator.

Entering settings

If the required settings are not already entered in your phone, you can:

- Receive settings in a message from your network operator, service provider or visit *www.sonyericsson.com/support*.
- Enter or edit settings yourself.

Using Internet

Browse modified Internet services via HTTP (Hyper Text Transfer Protocol).

To select an Internet profile

► Settings ► Connectivity ► Internet settings ► Internet profiles and select a profile to use.

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To start browsing

► **Internet services** and select a service. ► **More** to view options.

To stop browsing

► **More** ► **Exit browser**.

Options when browsing

► **More** to view options. The menu contains the following options, but may depend on the Web page you are visiting.

► **Go to** for options:

- **Sony Ericsson** – go to the predefined homepage.
- **Bookmarks** – create, use or edit bookmarks.
- **Enter address** – enter the address of a Web page.
- **History** – list of previously visited Web pages.

► **Tools** for options:

- **Add bookmark** – add a new bookmark.
- **Save picture** – save a picture.
- **Save page** – save the current Web page.
- **Refresh page** – refresh the current Web page.
- **Send link** – send a link to the current Web page.
- **Make a call** – make a call while browsing. ► **More** ► **End call** to end the call and continue browsing.

► **View** for options:

- **Full screen** – select normal or full screen.
- **Text only** – select full content or text only.
- **Zoom** – zoom in or out on the Web page.
- **Zoom to normal** – set zoom to default.

► **Advanced** to enter settings for the browser.

► **Exit browser** to disconnect and go to standby.

If you select an email address when browsing a Web page, you can send a message to that address.

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To work with bookmarks

► Internet services ► More ► Go to ► Bookmarks and select a bookmark ► More. Select an option.

Internet security

Secure browsing is supported. When using an Internet profile you can turn on security in the phone.

Trusted certificates

Certain Internet services, such as banking, require certificates in your phone. Your phone may already contain certificates when you buy it.

To check the certificates in your phone

► Settings ► Connectivity ► Internet settings ► Security ► Trusted cert.

Synchronizing

Synchronize phone contacts, appointments, tasks and notes with a computer via a transfer method or by using an Internet service. Synchronization software for your computer is available on the CD included with the phone. You can also visit *www.sonyericsson.com/support* to download software and Getting started guides for synchronization.

Synchronization with a computer

Install the computer synchronization software using the CD included with your phone or download it from *www.sonyericsson.com/support*. The software includes help information.

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Before installing any new or updated version of the computer software, all previous software related to phone and computer communication has to be uninstalled.

Synchronization via Internet

Synchronize online via an Internet service. If required settings are not in your phone ➡ *44 Settings*.

To enter the remote synchronization settings

1 ► **Organizer** ► **Synchronization** and ► **Yes** or ► **New account**.
2 Enter a name for the new account ► **Continue**.
3 Enter the following settings:
- **Server address** – server URL.
- **Username** – account username.
- **Password** – account password.
- **Connection** – select an Internet profile.
- **Applications** – mark applications to synchronize.
- **App. settings** – select an application and enter a database name, and if required, username and password.
- **Sync. interval** – set how often to synchronize.
- **Remote initiation** – select to always accept, never accept or always ask when starting synchronization from a service.
- **Remote security** – enter server ID and password.

4 ► **Save** to save your new account.

To start the remote synchronization

► **Organizer** ► **Synchronization**, select an account ► **Start**.

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USB Cable

With the USB cable included in the kit you can exchange information between your phone and a computer. For more information, visit *www.sonyericsson.com/support*.

To connect your phone using a USB cable

Your phone can be used in two different modes with the USB cable, **File transfer** and **Phone mode**.

File transfer

1. Turn on your phone.
2. Connect the USB cable to your phone and computer.
3. Select **File transfer** in the dialog that appears in the phone. The phone will turn off in this mode and will appear as a removable disk on your computer. Browse and transfer files between the phone and computer by dragging and dropping.
4. Exit the USB connection on your computer by right-clicking the removable disk icon in Microsoft® Windows® Explorer and select Eject.
5. Remove the USB cable from your phone and computer.

Do not remove the USB cable from the phone or computer during file transfer as this may corrupt the phone memory.

Phone mode

1. Install the Sony Ericsson PC Suite on your computer. It is available on the CD included with the phone or you can download and install the PC Suite from *www.sonyericsson.com/support*.
2. Turn on your phone.
3. Connect the USB cable to your phone and computer.

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4 Select **Phone mode** in the dialog that appears in the phone.
5 When finished, remove the USB cable from your phone and computer.

You cannot view the transferred items in your phone until you have removed the USB cable from the phone.

Bluetooth™ Wireless Technology

Bluetooth wireless technology makes it possible to connect wirelessly to other Bluetooth devices. Send or receive items using Bluetooth wireless technology as the transfer method. Choose a device from the list of found devices.

For Bluetooth communication, we recommend a maximum distance of 10 meters, with no solid objects in between.

Before you start

- Turn on the Bluetooth function to communicate with other devices.
- Before you can use your Bluetooth device with your phone it has to be added once to the phone. The phone and device will recognize each other the next time they are switched on and within range.

Please verify whether local laws or regulations restrict the use of Bluetooth communication. If a Bluetooth function is not allowed, you must ensure that the Bluetooth function is turned off.

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To turn on the Bluetooth function in your phone

► Settings ► Connectivity ► Bluetooth ► Turn on.

To enter a phone name

1 ► Settings ► Connectivity ► Bluetooth ► Phone name.
2 Enter a name for your phone to be shown to other devices.

To show or hide your phone

► Settings ► Connectivity ► Bluetooth ► Visibility
► Show phone or ► Hide phone.

If set to hide, other devices will not be able to discover your phone via Bluetooth wireless technology.

To add a device to your phone

1 ► Settings ► Connectivity ► Bluetooth ► My devices
► New device to search for available devices.
2 Select a device from the list.
3 Enter a passcode, if required.

Make sure that the Bluetooth function in the other device is on and visible.

To save power

► Settings ► Connectivity ► Bluetooth ► Powersave ► On.

This reduces power consumption when using a single Bluetooth device. Turn it off when using several Bluetooth devices.

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To add a Bluetooth handsfree

Ensure that your handsfree is prepared for pairing. See your handsfree User guide.

Transferring sound when using a Bluetooth™ handsfree

Transfer the sound for calls when using a Bluetooth handsfree. You can also transfer the sound for calls using the keypad.

To transfer sound when using a handsfree

During a call, ► More ► Transfer sound and select a device.

Directing sound

Direct sound when answering a call with the phone keypad or the handsfree button.

To direct sound when answering a call with a handsfree

1 ► Settings ► Connectivity ► Bluetooth ► Handsfree ► Incoming call.
2 Select In phone to direct the sound to the phone or In handsfree to direct the sound to the handsfree.

To transfer items

1 Select an item to transfer.
2 ► More ► Send and select Via Bluetooth.

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Infrared Port

The infrared port in your phone can be used to exchange information with another device equipped with infrared.

To set infrared options

► Settings ► Connectivity ► Infrared port ► On or ► 10 minutes to turn on for 10 minutes.

To connect two devices

1 Turn on infrared in both devices.
2 Make sure the infrared port on your phone is facing the infrared port on the other device with a maximum distance of 20 cm.

To transfer items using infrared

1 Select an item to transfer.
2 ► More ► Send and select Via infrared.

Update Service

Keep your phone updated with the latest software. When a new software version is available, you can download and install it without affecting the user data in your phone.

Choose one of the following methods to update your phone:

- Over the air via your phone, Sony Ericsson remote update service.
- Online via a USB cable and an Internet-connected computer, Sony Ericsson Update Service.

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The remote update service requires data access (GPRS). Your operator will provide you with a subscription with data access and with price information.

To use remote update service

► Settings ► General ► Update service to display options:

- Search for update – search for the latest available software. Start the update process by following the installation instructions.
- Software version – display the current software installed in your phone.
- Reminder – set when to search for new software.

To use Sony Ericsson Update Service

Connect a USB cable to the computer and the phone.

1. Visit *www.sonyericsson.com/support*.
2. Select a region and country.
3. Select your product or enter the product name.
4. Select Sony Erics son Update Service and follow the instructions that appear.

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More Features

Time and date

The time is always displayed in standby.

To set the time and date

- ► **Settings** ► **General** ► **Time & date**.
- To set the time and time format ► **Time** enter the time ► **Format** and select a format ► **Select** ► **Save**.
- To set the date and date format ► **Date** enter the date ► **Format** and select a format ► **Select** ► **Save**.
- To edit the time zone ► **Time zone** select an option ► **Select**.
- To set daylight saving on or off ► **Daylight saving** select an option ► **Select**.
- To set auto time zone ► **Auto time zone** select and option ► **Select**.

Alarm clock

The alarm sounds even if the phone is set to silent or turned off.

To set and use an alarm

► **Alarms** and select an option:

- To set an alarm ► **Alarm** set a time ► **Save**.
- To set a recurrent alarm ► **Recurrent alarm** set a time ► **Continue** select days **Mark** ► **Done**.
- To select a signal ► **Alarm signal** select a sound ► **Select**.
- To turn off the alarm signal when it sounds, press any key.
- To cancel an alarm select **Alarm** or **Recurrent alarm** ► **Turn off**.

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Profiles

Your phone has predefined profiles set to suit a certain environment. You can reset all profile settings to how they were set when you bought your phone.

To use profiles

► Settings ► General ► Profiles:

- Select a profile to use.
- To view and edit a profile ► More ► View and edit.
- To reset profiles ► More ► Reset profiles.

The normal profile name cannot be changed.

Startup screen

When you turn the phone on or off, a startup screen appears.

To select a startup screen

► Settings ► Display ► Start-up screen and select an option.

Brightness

Adjust the brightness of the screen.

To set the brightness

► Settings ► Display ► Brightness and press ◎ or ◎ to set brightness level ► Save.

Sleep mode clock

Show a clock in sleep mode.

To activate the sleep mode clock

► Settings ► Display ► Sleep mode clock ► On.

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Calendar

Add, save, edit and set reminders for your appointments. The calendar can be synchronized with a computer calendar or with a calendar on the Web ➡ *46 Synchronizing*.

To add a new appointment

1 ► **Organizer** ► **Calendar** and select a date ► **Select** ► **New appointment** ► **Add**.
2 Enter details ► **Continue** to confirm each entry ► **Select** to confirm.

To view an appointment

1 ► **Organizer** ► **Calendar** and select a day.
2 Select an appointment ► **View**.

To view a calendar week

► **Organizer** ► **Calendar** ► **More** ► **View week**.

To set reminders options

1 ► **Organizer** ► **Calendar** ► **More** ► **Advanced** ► **Reminders**.
2 ► **Always** for a reminder to sound even though the phone is turned off or set to silent.
3 When the reminder sounds:

- If **New events** is set to **Activity menu** ► **View** to read the appointment.
- If **New events** is set to **Popup**, select **Yes** to read the appointment or **No** to turn off the reminder.

A reminder option set in the calendar affects a reminder option set in tasks.

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Navigating in your calendar

Use the navigation key to move between days or weeks.

Calendar settings

► Organizer ► Calendar ► More and select an option:

- View week – view the week's appointments.
- New appointment – add a new appointment.
- Change date – go to another date in the calendar.
- Advanced – for options to find and set reminders or select a start day for the week.
- Delete – delete appointments.
- Help – for more information.

To send and receive an appointment

1 ► Organizer ► Calendar and select an appointment for a certain day.

2 ► More ► Send and select a transfer method.

When you receive an appointment, follow the instructions that appear.

Tasks

Add new tasks or use existing tasks as templates. You can also set reminders for tasks.

To add a new task

1 ► Organizer ► Tasks ► New task ► Add.

2 Select Task or Phone call ► Select.

3 Enter details and confirm each entry.

To view a task

► Organizer ► Tasks and select a task ► View.

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To send and receive a task

1 ► Organizer ► Tasks and select a task for a certain day.
2 ► More ► Send and select a transfer method.

When you receive a task, follow the instructions that appear.

To set reminders options

1 ► Organizer ► Tasks and select a task ► More ► Reminders.
2 ► Always for a reminder to sound even when the phone is turned off or set to silent.
3 When the reminder sounds:
- If New events is set to Activity menu ► View to read the task.
- If New events is set to Popup, select Yes to read the task or No to turn off the reminder.

A reminder option set in tasks affects a reminder option set in the calendar.

Notes

Make notes and save them in a list. You can also show a note in standby.

To add a note

► Organizer ► Notes ► New note ► Add, enter the note ► Save.

To edit notes

► Organizer ► Notes select a note ► More and edit the note ► Save.

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Calculator

Use the calculator to add, subtract, divide and multiply.
► **Organizer** ► **Calculator**.

- To select ÷ x - + . % =, press ◎ or ◎.
- To delete the figure, press C.

SIM card lock

The SIM card lock protects your subscription, but not the 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 service provider. You can edit your PIN and select a new four- to eight-digit PIN.

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

To unblock your SIM card

1. When **PIN blocked** is displayed, enter your PUK ► **OK**.
2. Enter a new four- to eight-digit PIN ► **OK**.
3. Re-enter the new PIN to confirm ► **OK**.

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To edit your PIN

1 ► Settings ► General ► Locks ► SIM lock ► Change PIN.
2 Enter your PIN ► OK.
3 Enter a new four- to eight-digit PIN ► OK.
4 Re-enter the new PIN to confirm ► OK.

To turn the SIM card lock on or off

1 ► Settings ► General ► Locks ► SIM lock ► Protection and select On or Off.
2 Enter your PIN ► OK.

Keypad lock

Lock the keypad to avoid dialing a number by accident. You can still answer an incoming call and the keypad is locked after the call. The keypad remains locked until you unlock it manually.

Calls to international emergency numbers 112 or 911, can still be made, even when the keypad is locked.

To lock and unlock the keypad manually

- Press *a/A ► Lock keys.
- To unlock the keypad, press *a/A ► Unlock.

Automatic key lock

Use automatic key lock in standby to lock the keypad soon after the last key was pressed.

To set the automatic key lock

► Settings ► General ► Locks ► Automatic keylock.

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Phone lock

Protect your phone against unauthorized use if it stolen and the SIM card is replaced. You can change the phone lock code (0000) to any four- to eight-digit personal code.

Phone lock on

If the phone lock is on, enter your code ► **OK**.

Automatic phone lock

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.

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

To set the phone lock

1 ► **Settings** ► **General** ► **Locks** ► **Phone lock** ► **Protection** and select an option.
2 Enter the phone lock code ► **OK**.

To edit your phone lock code

► **Settings** ► **General** ► **Locks** ► **Phone lock** ► **Change code**.

Code Memo

Save security codes, such as for credit cards, in the code memo. Set a passcode to open the code memo.

Checkword and security

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

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To open code memo for the first time

1 ► Organizer ► Code memo. Instructions appear ► Continue.
2 Enter a four-digit passcode ► Continue.
3 Re-enter the new passcode to confirm.
4 Enter a checkword (maximum 15 characters) ► Done. The checkword can consist of both letters and numbers.

To add a new code

1 ► Organizer ► Code memo and enter your passcode ► Continue ► New code ► Add.
2 Enter a name associated with the code ► Continue.
3 Enter the code ► Done.

To change the passcode

1 ► Organizer ► Code memo and enter your passcode ► Continue.
2 ► More ► Change passcode.
3 Enter your new passcode ► Continue.
4 Re-enter the new passcode ► Continue.
5 Enter a checkword ► Done.

To reset code memo

1 ► Organizer ► Code memo and enter your passcode ► Continue ► More ► Reset.
2 Reset code memo? appears ► Yes. The code memo is reset and all entries are cleared. The next time you enter the code memo ➡ *62 To open code memo for the first time*.

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Troubleshooting

Some problems require you to call your service provider, but you can easily correct most of the problems yourself.

Before you take your phone in for repair, copy all saved items, messages and information to another device as content may be lost during repair. For more support, visit *www.sonyericsson.com/support*.

Menu options appear in gray

A service is not activated or your subscription does not support the function. Contact your service provider.

The phone is working slowly

Delete unwanted content and then restart the phone.

No indication of charging

The battery is empty or has not been used for a long time. It may take up to 30 minutes before the battery icon appears on the screen.

The phone cannot be turned on/Flashing red light (LED)

Recharge the battery ➡ *9 To insert the SIM card and charge the battery*.

Charging a non-Sony Ericsson battery

➡ *71 Battery*.

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The wrong menu language is shown

➡ *15 To change the phone language*.

Master reset

Reset the phone by deleting changes you have made to settings, and content you have added or edited.

To reset the phone

1 ► Settings ► General ► Master reset.
2 Select Reset settings or Reset all. When instructions appear ► Continue.

Error messages

Insert SIM

➡ *9 To insert the SIM card and charge the battery*.

Insert correct SIM card

Check that you are using the correct operator SIM card for your phone.

Emerg. calls only

You are within range of a network, but you are not allowed to use it. Contact your service provider and make sure you have the right subscription ➡ *19 Emergency calls*.

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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 ► **Yes** ➡ *59 SIM card lock*.

Codes do not match
When you want to change a security code you have to confirm the new code by entering exactly the same code again.

PIN blocked/PIN2 blocked
To unblock ➡ *59 SIM card lock*.

PUK blocked
Contact your service provider.

Phone locked
The phone is locked. To unlock the phone ➡ *61 Phone lock*.

Phone lock code
The phone lock code is required ➡ *61 Phone lock*.

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Important Information

Sony Ericsson Consumer Web site

On *www.sonyericsson.com/support* there is a support section where help and tips are only a few clicks away. Here you find the latest computer software updates and tips on how to use your product more efficiently.

Service and Support

From now on you will have access to a portfolio of exclusive service advantages such as:

- Global and local Web sites providing support.
- A global network of Call Centers.
- An extensive network of Sony Ericsson service partners.
- A warranty period. Learn more about the warranty conditions in this User guide.

On *www.sonyericsson.com*, under the support section in the language of your choice, you will find the latest support tools and information, such as software updates, Knowledge base, Phone setup and additional help when you require it.

For operator-specific services and features, please contact your service provider for more information.

You can also contact our Call Centers. See the phone number for the nearest Call Center in the list below. If your country/region is not represented in the list, please contact your local dealer. (The phone numbers below were correct at the time of going to print. On *www.sonyericsson.com* you can always find the latest updates.)

In the unlikely event that your product needs service, please contact the dealer from whom it was purchased or one of our service partners. Save your original proof of purchase, you will need it if you need to claim warranty.

For a call to one of our Call Centers you will be charged according to national rates, including local taxes, unless the phone number is a toll-free number.

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Country	Phone Number/Email Address
Australia	1-300 650 050 questions.AU@support.sonyericsson.com
Argentina	800-333-7427 questions.AR@support.sonyericsson.com
Austria	0810 200245 questions.AT@support.sonyericsson.com
Belgium	02-7451611 questions.BE@support.sonyericsson.com
Brazil	4001-0444 questions.BR@support.sonyericsson.com
Canada	1-866-766-9374 questions.CA@support.sonyericsson.com
Central Africa	+27 112589023 questions.CF@support.sonyericsson.com
Chile	123-0020-0656 questions.CL@support.sonyericsson.com
China	4008100000 questions.CN@support.sonyericsson.com
Colombia	18009122135 questions.CO@support.sonyericsson.com
Croatia	062 000 000 questions.HR@support.sonyericsson.com
Czech Republic	844 550 055 questions.CZ@support.sonyericsson.com
Denmark	33 31 28 28 questions.DK@support.sonyericsson.com
Finland	09-299 2000 questions.FI@support.sonyericsson.com
France	0 825 383 383 questions.FR@support.sonyericsson.com
Germany	0180 534 2020 questions.DE@support.sonyericsson.com

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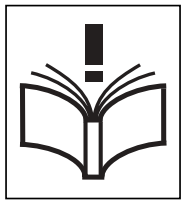
Greece	801-11-810-810 210-89 91919 (from mobile phone) questions.GR@support.sonyericsson.com
Hong Kong	8203 8863 questions.HK@support.sonyericsson.com
Hungary	+36 1 880 47 47 questions.HU@support.sonyericsson.com
India	1800 11 1800 (Toll free number) 39011111 (from mobile phone) questions.IN@support.sonyericsson.com
Indonesia	021-2701388 questions.ID@support.sonyericsson.com
Ireland	1850 545 888 questions.IE@support.sonyericsson.com
Italy	06 48895206 questions.IT@support.sonyericsson.com
Malaysia	1-800-889900 questions.MY@support.sonyericsson.com
Mexico	01 800 000 4722 (international toll-free number) questions.MX@support.sonyericsson.com
Netherlands	0900 899 8318 questions.NL@support.sonyericsson.com
New Zealand	0800-100150 questions.NZ@support.sonyericsson.com
Norway	815 00 840 questions.NO@support.sonyericsson.com
Philippines	02-6351860 questions.PH@support.sonyericsson.com
Poland	0 (prefix) 22 6916200 questions.PL@support.sonyericsson.com
Portugal	808 204 466 questions.PT@support.sonyericsson.com
Romania	(+4021) 401 0401 questions.RO@support.sonyericsson.com

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Russia	8(495) 787 0986 questions.RU@support.sonyericsson.com
Singapore	67440733 questions.SG@support.sonyericsson.com
Slovakia	02-5443 6443 questions.SK@support.sonyericsson.com
South Africa	0861 632222 questions.ZA@support.sonyericsson.com
Spain	902 180 576 questions.ES@support.sonyericsson.com
Sweden	013-24 45 00 questions.SE@support.sonyericsson.com
Switzerland	0848 824 040 questions.CH@support.sonyericsson.com
Taiwan	02-25625511 questions.TW@support.sonyericsson.com
Thailand	02-2483030 questions.TH@support.sonyericsson.com
Turkey	0212 47 37 777 questions.TR@support.sonyericsson.com
Ukraine	(+380) 44 590 1515 questions.UA@support.sonyericsson.com
United Arab Emirates	43 919880 questions.AE@support.sonyericsson.com
United Kingdom	08705 23 7237 questions.GB@support.sonyericsson.com
United States	1-866-766-9374 questions.US@support.sonyericsson.com
Venezuela	0-800-100-2250 questions.VE@support.sonyericsson.com

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Guidelines for Safe and Efficient Use

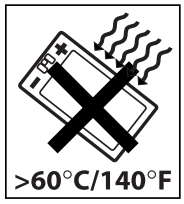


Please read this information before using your mobile phone.

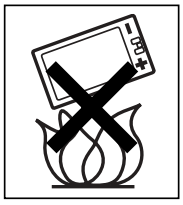
These instructions are intended for your safety. Please follow these guidelines. If the product has been subject to any of the conditions listed below or you have any doubt as to its proper function make sure you have the product checked by a certified service partner before charging or using it. Failure to do so might entail a risk of product malfunction or even a potential hazard t o your health.

Recommendations for safe use of product (mobile phone, battery, charger and other accessories)

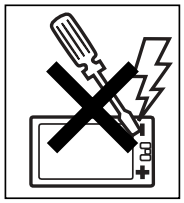
- Always treat your product with care and keep it in a clean and dust-free place.
- **Warning!** May explode if disposed of in fire.
- Do not expose your product to liquid or moisture or humidity.



- Do not expose your product to extremely high or low temperatures. Do not expose the battery to temperatures above +60°C (+140°F).
- Do not expose your product to open flames or lit tobacco products.



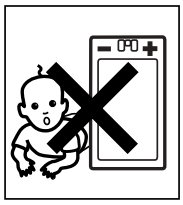
- Do not drop, throw or try to bend your product.
- Do not paint your product.
- Do not attempt to disassemble or modify your product. Only Sony Ericsson-authorized personnel should perform service.
- Do not use your product near medical equipment without requesting permission from your treating physician or authorized medical staff.



- Do not use your product when in, or around aircraft, or areas showing the sign “turn off two-way radio”.
- Do not use your product in an area where a potentially explosive atmosphere exists.
- Do not place your product or install wireless equipment in the area above an air bag in your car.

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CHILDREN



KEEP OUT OF CHILDRENS REACH. 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 BECOME DETACHED AND CREATE A CHOKING HAZARD.

Power supply (Charger)

Connect the AC power adapter only to designated power sources as marked on the product. Make sure the cord is positioned so that it will not be subjected to damage or stress. To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it. The AC power adapter must not be used outdoors or in damp areas. Never alter the cord or plug. If the plug does not fit into the outlet, have a proper outlet installed by a qualified electrician.

Use only Sony Ericsson branded original chargers intended for use with your mobile phone. Other chargers may not be designed to the same safety and performance standards.

Battery

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

Use only Sony Ericsson branded original batteries intended for use with your mobile phone. Using other batteries and chargers could be dangerous.

Talk and standby times depend on several different conditions such as signal strength, operating temperature, application usage patterns, features selected and voice or data transmissions when the mobile phone is being used.

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Turn off your mobile phone before removing the battery. Do not put the battery into your mouth. Battery electrolytes may be toxic if swallowed. Do not let the metal contacts on the battery touch another metal object. Doing this could short-circuit and damage the battery. Use the battery for the intended purpose only.

Personal medical devices

Mobile phones may affect the operation of pacemakers and other implanted equipment. Please avoid placing the mobile phone over the pacemaker, e.g. in your breast pocket. When using the mobile phone, use it at the ear on the opposite side of the body to the pacemaker. If a minimum distance of 15 cm (6 inches) is kept between the mobile phone and the pacemaker, the risk of interference is limited. If you have any reason to suspect that interference is taking place, immediately turn off your mobile phone. Contact your cardiologist for more information.

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

Driving

Please verify whether local laws and regulations restrict the use of mobile phones while driving or require drivers to use handsfree solutions. We recommend that you use only Sony Ericsson handsfree solutions intended for use with your product.

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a handsfree kit with an external antenna has been installed.

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

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Emergency calls

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

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

Antenna

This phone contains a built-in antenna. Use of antenna devices not marketed by Sony Ericsson specifically for this model could damage your mobile phone, reduce performance, and produce SAR levels above the established limits (see below).

Efficient use

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

Radio frequency (RF) exposure and Specific Absorption Rate (SAR)

Your mobile phone is a low-power radio transmitter and receiver. When it is turned on, it emits low levels of radio frequency energy (also known as radio waves or radio frequency fields).

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

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

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

For phones sold in the US, before a phone model is available for sale to the public, it must be tested and certified by the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (that is, at the ear and worn on the body) as required by the FCC for each model. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body without any metal parts in the vicinity of the phone or when used with the original Sony Ericsson accessory intended for this phone and worn on the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

A separate leaflet with SAR information about this mobile phone model is included with the material accompanying this mobile phone. This information can also be found, together with more information on radio frequency exposure and SAR, on: *www.sonyericsson.com/health.*

Accessible Solutions/Special Needs

For phones sold in the US, you can use your TTY terminal with your Sony Ericsson mobile phone (with the necessary accessory). For information on Accessible Solutions for individuals with special needs call the Sony Ericsson Special Needs Center on 877 878 1996 (TTY) or 877 207 2056 (voice), or visit the Sony Ericsson Special Needs Center at *www.sonyericsson-snc.com.*

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Disposal of old electrical & electronic equipment



This symbol indicates that all electrical and electronic equipment included shall not be treated as household waste. Instead it shall be left at the appropriate collection point for recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Disposing of the battery



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

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

End User Licence Agreement

This wireless device, including without limitation any media delivered with the device, (“Device") contains software owned by Sony Ericsson Mobile Communications AB and its affiliated companies (“Sony Ericsson”) and its third party suppliers and licensors (“Software”).

As user of this Device, Sony Ericsson grants you a non-exclusive, non-transferable, non-assignable license to use the Software solely in conjunction with the Device on which it is installed and/or delivered with. Nothing herein shall be construed as a sale of the Software to a user of this Device.

You shall not reproduce, modify, distribute, reverse engineer, decompile, otherwise alter or use any other means to discover the source code of the Software or any component of the Software. For avoidance of doubt, you are at all times entitled to transfer all rights

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and obligations to the Software to a third party, solely together with the Device with which you received the Software, provided always that such third party agrees in writing to be bound by these rules.

You are granted this license for a term of the useful life of this Device. You can terminate this license by transferring all your rights to the Device on which you have received the Software to a third party in writing. If you fail to comply with any of the terms and conditions set out in this license, it will terminate with immediate effect.

Sony Ericsson and its third party suppliers and licensors are the sole and exclusive owner of and retain all rights, title and interest in and to the Software. Sony Ericsson, and, to the extent that the Software contains material or code of a third party, such third party, shall be entitled third party beneficiaries of these terms.

The validity, construction and performance of this license shall be governed by the laws of Sweden. The foregoing shall apply to the full extent permitted by, when applicable, statutory consumer rights.

Limited Warranty

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

Should your Product need warranty service, please return it to the dealer from whom it was purchased, or contact your local Sony Ericsson Call Center (national rates may apply) or visit *www.sonyericsson.com* to get further information.

Our warranty

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

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What we will do

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

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

Please note that some of your personal settings, downloads or other information may be lost when your Sony Ericsson Product is repaired or replaced. At present Sony Ericsson may be prevented by applicable law, other regulation or technical restrictions from making a backup copy of certain downloads. Sony Ericsson does not take any responsibility for any lost information of any kind and will not reimburse you for any such loss. You should always make backup copies of all the information stored on your Sony Ericsson Product such as downloads, calendar and contacts before handing in your Sony Ericsson Product for repair or replacement.

Conditions

1. The warranty is valid only if the original proof of purchase issued to the original purchaser by a Sony Ericsson authorised dealer, specifying the date of purchase and serial number**, for this Product, is presented with the Product to be repaired or replaced. Sony Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.
2. If Sony Ericsson repairs or replaces the Product, the repaired or replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of Sony Ericsson.

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3 This warranty does not cover any failure of the Product due to normal wear and tear, or due to misuse, including but not limited to use in other than the normal and customary manner, in accordance with the Sony Ericsson instructions for use and maintenance of the Product. Nor does this warranty cover any failure of the Product due to accident, software or hardware modification or adjustment, acts of God or damage resulting from liquid.
A rechargeable battery can be charged and discharged hundreds of times. However, it will eventually wear out - this is not a defect. When the talk-time or standby time is noticeably shorter, it is time to replace your battery. Sony Ericsson recommends that you use only batteries and chargers approved by Sony Ericsson.
Minor variations in display brightness and color may occur between phones. There may be tiny bright or dark dots on the display. These are called defective pixels and occur when individual dots have malfunctioned and can not be adjusted. Two defective pixels are deemed acceptable.
Minor variations in the appearance of the camera image may occur between phones. This is not uncommon in digital cameras and does not mean that the camera is defective in any way.

4 Since the cellular system on which the Product is to operate is provided by a carrier independent from Sony Ericsson, Sony Ericsson will not be responsible for the operation, availability, coverage, services or range of that system.

5 This warranty does not cover Product failures caused by installations, modifications, or repair or opening of the Product performed by a non-Sony Ericsson authorised person.

6 The warranty does not cover Product failures which have been caused by use of accessories or other peripheral devices which are not Sony Ericsson branded original accessories intended for use with the Product.

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

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

Some countries/states do not allow the exclusion or limitation of incidental or consequential damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you.

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

*EUROPEAN UNION (EU)

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

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

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FCC Statement

This device complies with Part 15 of the FCC rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Declaration of Conformity

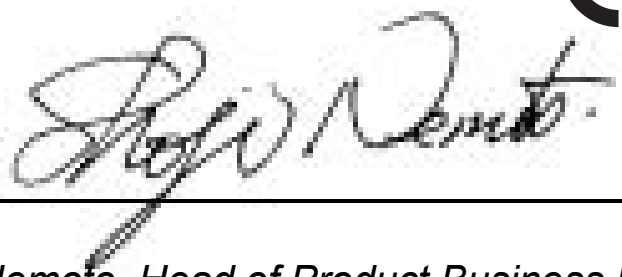
We, **Sony Ericsson Mobile Communications AB** of
Nya Vattentornet
S-221 88 Lund, Sweden
declare under our sole responsibility that our product

Sony Ericsson type AAB-1022043-BV

and in combination with our accessories, to which this declaration relates is in conformity with the appropriate standards 3GPP TS 51.010-1, EN 301489-7, EN 60950, EN 300 328 and EN 301 489-17, 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, July 2006

CE 0682



Shoji Nemoto, Head of Product Business Unit GSM/UMTS

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

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