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Z310a
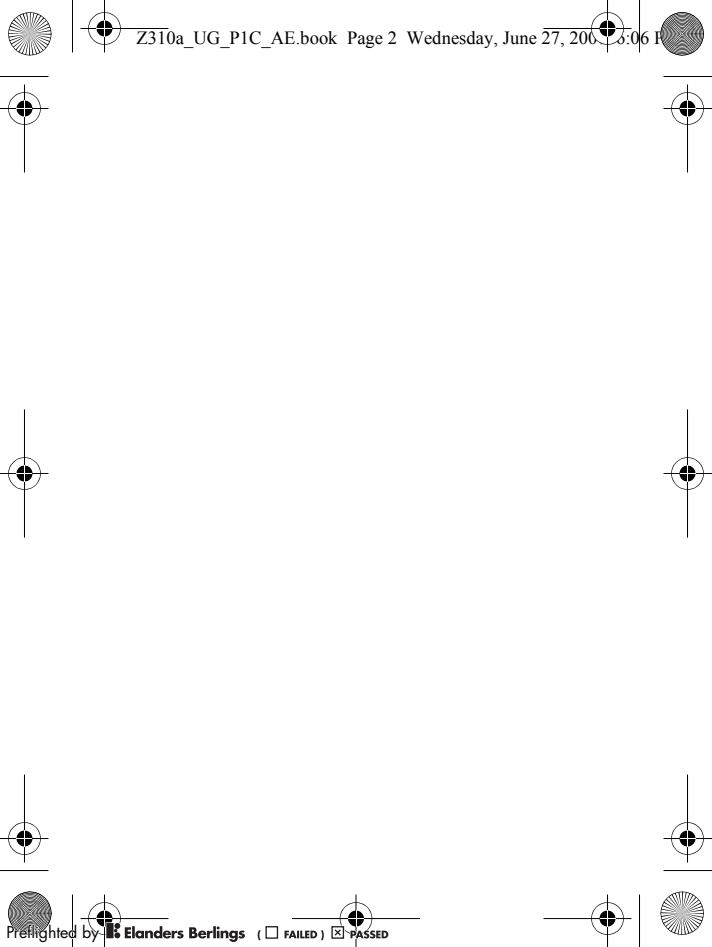User guide

Sony Ericsson

Sony Ericsson

GSM 850/1800/1900 Z310a

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User Guide Symbols
The following instruction symbols appear in this User guide:

▸   Use the navigation key to scroll and select
➨ *15 Navigating the menus*.

◉   Press the navigation key center.

◉   Press the navigation key up.

◉   Press the navigation key down.

◉   Press the navigation key to the left.

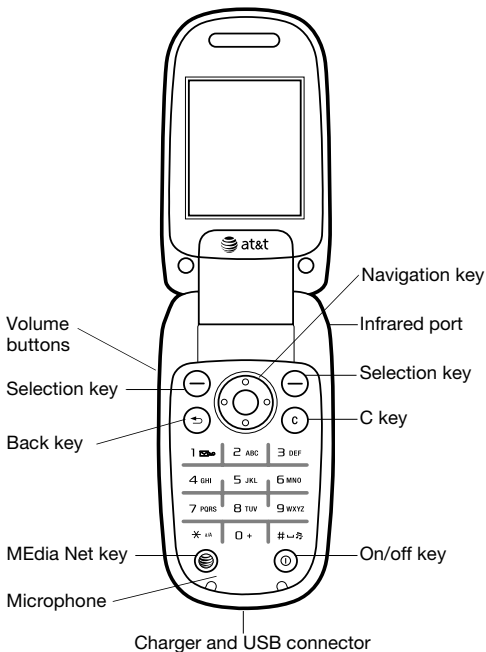◉   Press the navigation key to the right.

➨   See also page ...

☼   Note

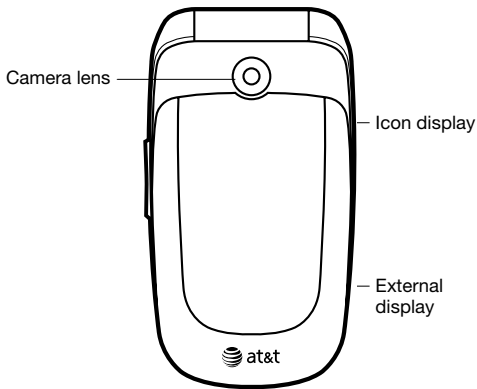📶   *Indicates that a service or function is network-or subscription-dependent. Because of this, all menus may not be available in your cell phone. Consult your network operator for more information.*

Getting to Know your Cell Phone

Navigation key

Infrared port

Selection key

C key

On/off key

Volume buttons

Selection key

Back key

MEdia Net key

Microphone

Charger and USB connector

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Camera lens

Icon display

External display

🌐 at&t

The icon display lights up when the cell phone is in silent mode and shows information about new events and battery charging. The external display shows information such as time, service provider and signal strength. Press a volume button to activate the external display.

Menu Overview

Mobile Email

Messaging
Write New
Inbox
IM
Call Voicemail
Outbox
Drafts
Sent Messages
Saved Messages
Templates
Settings

Calls**
All
Answered
Dialed
Missed

MEdia Net

AT&T Mall

Entertainment
Online Services***
Games
MusicDJ™
Record Sound

My Stuff
Camera Album
Ringtones
Pictures
Themes
Web Pages
Games
Applications
Other

Address Book*

Alarms

📷 Camera	📋 Organizer	🖼 Settings
	Applications	General
	Calendar	Sounds & Alerts
	Tasks	Display
	Notes	Calls
	Synchronization	Connectivity
	Timer	
	Stopwatch	
	Calculator	
	Password Saver	

*Options when phone contacts are set to default. Options change when SmartChip contacts are set to default.
**Use the navigation key to move across tabs in submenus. For more information ➧ 15 Navigating the menus.
***Appears only if you SmartChip is configured to support Online Services.

## Assembling your Cell Phone
Insert the SmartChip and the battery to use your cell phone.

SmartChip
When you register as a subscriber with AT&T, you get a SmartChip. The SmartChip keeps track of your phone number, the services included in your subscription, and your contacts information, among other things.

Save contacts information on your SmartChip before you remove it from another cell phone. Contacts may have been saved in the previous phone's memory.

To insert SmartChip and battery
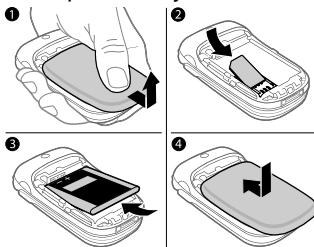
1 Remove the battery cover.
2 Insert the SmartChip into its holder with the contacts facing down.
3 Insert the battery with the label side up and the connectors facing each other.
4 Slide the battery cover into place.

To charge the battery
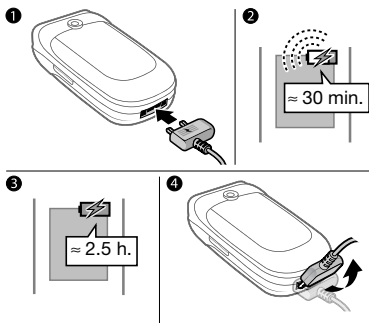
1 Connect the charger plug to the cell phone and to the electrical outlet. The flash symbol on the charger plug must face upwards.
2 It may take 30 minutes for the battery icon to appear on the screen.
3 Wait approximately 2.5 hours or until the battery icon indicates a full charge.
4 Remove the charger plug by tilting it upwards.

Some functions use more battery power than others so that your cell phone need more frequent charging. As the battery ages, talk and standby times may decrease and you may then need a new battery. Only use Sony Ericsson-approved batteries. % *67 Battery.*

PIN

You may need a PIN (Personal Identification Number) from your network operator for your SmartChip. When you enter the PIN, each digit appears as *, unless it starts with emergency number digits, for example 112 or 911. This is so you can make emergency calls without entering a PIN. ➔ *21 Emergency Calls*. Press Ⓒ to delete numbers.

☼ *If you enter the wrong PIN three times in a row, the SmartChip is blocked* ➔ *54 SmartChip Lock.*

To turn the cell phone on and off
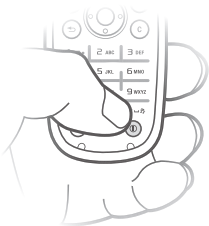
1 Press and hold Ⓞ to turn the cell phone on and off.
2 Enter your SmartChip PIN, if requested.
3 At first startup, select the language for phone menus.
4 ► Yes if you want the setup wizard to help you with instructions and tips. You have now reached standby and are ready to make and receive calls.

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Shut down menu
Use the shut down menu to turn off the cell phone, turn silent mode on or activate a profile. For more information about profiles ➔ *51 Profiles*.

To open the shut down menu
Press ⓪ and select an option from the list.

Making calls
During an incoming call, the keypad and outer rim of the cell phone light up ➔ *42 Light effects*.

To make and receive calls
• Enter an area code and phone number. ▸ Call to make the call. ▸ End Call to end the call.
• To answer a call: open your cell phone or ▸ Answer if your cell phone is already open.

Help in your cell phone
Help and information are available in your cell phone at any time.

To use the setup wizard
From standby select Menu ▸ Settings ▸ General ▸ Setup Wizard and select an option:
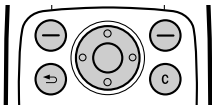   • Basic Setup or
    • Tips and Tricks.

To view information about functions
Scroll to a function ▸ Info if available.

Navigating the menus
The main menus are shown as icons. Some submenus include tabs.

- Press the center of the navigation key ⊚ to go to the main menus from standby or to select menu items.
- Press ⊚, ⊚, ⊚ or ⊚ to scroll 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 ⓒ to delete items.
- Press Info to get help or learn more about certain features.
- ► More to enter a list of options.

Shortcuts
From standby you can use the predefined shortcuts to go directly to a function:
- Press ⊚ to create a new message.
- Press ⊚ to go to My Stuff.
- Press ⊚ to go to instant messaging.
- Press ⊚ to go to Address Book.

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To edit a standby shortcut
1 From standby select Menu ► Settings ► General ► Shortcuts.
2 Select a shortcut you want to edit ► Edit.
3 Scroll to and select a function ► Shortcut.

My Stuff

Files such as pictures, sounds, themes, games and applications are saved in folders in the phone memory in My Stuff. Unrecognized files are saved in the Other folder.

File information

If a file is protected, you may not be able to copy or send it. View file information by highlighting the file ► More ► Information.

To move or copy a file
1 From standby select Menu ► My Stuff. Select a folder and scroll to a file ► More ► Manage File.
2 Select Move or Copy.
3 Select a folder or ► New Folder.
4 Name the folder ► OK.
5 ► Paste.

To select several files
1 From standby select Menu ► My Stuff and select a file ► More ► Mark.
2 ► Mark Several or ► Mark All. To select files scroll and ► Mark or ► Unmark.

To check memory status
From standby select Menu ► My Stuff ► More ► Memory Status.

Transferring files
For more information ➨ *49 Transferring Files*.

Languages

Select the language for phone menus and for writing.

To change the phone language

- From standby select Menu ► Settings ► General
  ► Language ► Phone Language select a language.
- From standby press ◎ 0000 ◎ for English or press
  ◎ 8888 ◎ for Automatic language.

To select writing languages

1 From standby select Menu ► Settings ► General
  ► Language ► Writing Language.
2 Scroll and ► Mark to select languages ► Save.

Entering Letters

To enter letters using multitap text input

Scroll to a function where text input is possible, for example,
Menu ► Messaging ► Write New ► Message.

- Press ② – ⑨ until the desired character appears.
- Press ⨯a/A to shift between capitals and lower-case
  letters.
- Press and hold ⓪+ – ⑨ to enter numbers.
- Press ⓒ to delete letters and numbers.
- Press #–⟐ to add a space.
- Press ① for the most common punctuation marks.
- Press and hold ⨯a/A to change writing method.

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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.

To select T9 writing method
Press and hold ⬚⁎ₐ/ₐ to select T9 writing method.

To enter letters using T9 Text Input
1 Scroll to a function where text input is possible, for example, Menu ► Messaging ► Write New ► Message.
2 For example, if you want to write the word "Jane", press ⬚5, ⬚2, ⬚6, ⬚3.
3 If the word shown is not the one you want, press ⬚ or ⬚ repeatedly to view alternative words. To accept a word and add a space, press ⬚#₋₋ₐ. To accept a word without adding a space, press ⬚.
4 Continue writing your message. To enter a punctuation mark, press ⬚1 and then ⬚ or ⬚ repeatedly. Accept and add a space by pressing ⬚#₋₋ₐ.

To add words to the T9 Text Input dictionary
1 While entering letters ► More ► Spell Word.
2 Edit the word by using multitap input. Use ⬚ and ⬚ to navigate between letters. To delete a character, press ⬚C. To delete the 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 appears as in the alternative words.

Options when entering letters
► More to view options when entering letters.

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Calling

Making and Receiving Calls

Turn on the cell phone and make sure that you are within range of a network to make and receive calls ➜ *13 To turn the cell phone on and off*.

- If your subscription includes a Calling Line Identification service and the caller's number is identified, the number is displayed.
- If the number is saved in Address Book, details such as the name, number, picture and light effect (if assigned) are displayed.
- If the number is a restricted number, Withheld is displayed.

To make a call

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

To redial a number

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

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

To answer a call

Open your cell phone or ► Answer if your cell phone is already open.

To reject a call

Close your cell phone, ► Busy or press a volume button twice.

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To change the ear speaker volume
During a call, press ⊕ or ⊖ to increase or decrease the volume.

To select more options during a call
▶ More and select an option.

To turn off the microphone and mute your call
Press and hold ©. To unmute, press and hold © 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, the call appears in Recent Calls. ▶ Call to call the missed number.

Call list
Information about the most recent calls is saved in the call list.

To call a number from the call list
From standby ▶ Calls and select a tab. Scroll to a name or number ▶ Call.

To add a call list number to contacts
1 From standby ▶ Calls from standby and select a tab.
2 Scroll to the number to add ▶ More ▶ Save Number.
3 Select a contact to add the number to or ▶ New Contact.

Emergency Calls

Your cell phone supports international emergency numbers, for example, 911 and 112. These numbers can normally be used to make an emergency call in any country, with or without a SmartChip inserted, if a GSM network is within range.

In some countries, other emergency numbers may also be promoted. Your network operator may have saved additional local emergency numbers on the SmartChip.

To make an emergency call
Enter, 112, for example ► Call.

To view your local emergency numbers
From standby select Menu ► Address Book ► Options ► Special Numbers ► Emergency Nos.

Address Book

To add a contact
1 From standby select Menu ► Address Book ► New Contact ► Add.
2 Select Name: ► Add enter a name ► OK.
3 Select New Number: ► Add enter a number ► OK.
4 Select the type of number ► Select.
5 For phone contacts only, select an option. Scroll between tabs and select fields to enter more information. To enter symbols such as @ ► More ► Add Symbol and select a symbol ► Insert. To save the contact, ► Save.

Enter the + sign and country code with all numbers.
➡ 17 Entering Letters.

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To add a picture, light effect or a ringtone to a phone contact
1 From standby select Menu ► Address Book and scroll to the contact.
2 ► More ► Edit Contact.
3 Use ⊚ and ⊙ to scroll to the relevant tab.
4 ► Picture, Ringtone or Light Effect ► Add.
5 Select a picture, sound or light effect ► Save to save the contact.

To set the default number for a phone contact
To set the first phone number to be displayed for a contact, Menu ► Address Book and scroll to the contact ► More ► Default Number and select a number.

To add your own business card
1 From standby select Menu ► Address Book ► More ► Options ► My Business Card.
2 Enter the information for your business card ► Save.

To send your business card
From standby select Menu ► Address Book ► More ► Options ► My Business Card ► Send My Card.

To set a birthday reminder for a contact
1 From standby select Menu ► Address Book and scroll to the contact.
2 ► More ► Edit Contact.
3 Use ⊙ to scroll to the relevant tab and select Birthday: ► Add.
4 Set date and reminder ► Save.

To call a phone contact
1 From standby select Menu ► Address Book. Scroll to, or enter the first letters of the contact to call.
2 Use ⊚ and ⊙ to select a number ► Call.

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To call a SmartChip contact

- If SmartChip Contacts is default, Menu ► Address Book, scroll to or enter the first letters of a contact. When the contact is highlighted ► Call.
- If Phone Contacts is default, Menu ► Address Book ► More ► Options ► SmartChip Contacts, scroll to, or enter the first letters of a contact. When the contact is highlighted ► Call.

Managing contacts

You can select what contact information - Phone Contacts or SmartChip Contacts - is shown as default. SmartChip Contacts contain names and numbers only. They are saved on the SmartChip. Phone Contacts can contain names, numbers and personal information. They are saved in the phone memory.

To select default contacts

1 From standby select Menu ► Address Book ► More ► Options ► Advanced ► Default Contacts.
2 Select Phone Contacts or SmartChip Contacts.

To copy names and numbers to the SmartChip

1 From standby select Menu ► Address Book ► More ► Options ► Advanced ► Copy To SmartChip.
2 Select and option:
- Copy All – copies all contacts and numbers.
- Copy a Contact – copies all numbers for selected contact.
- Copy a Number – copies a single number for selected contact.

When copying all contacts from the cell phone to the SmartChip, all existing SmartChip information is replaced.

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To copy SmartChip contacts to phone contacts
1 From standby select Menu ► Address Book ► More
  ► Options ► Advanced ► Copy From SmartChip.
2 Select Copy All, Copy a Contact or Copy a Number.

To automatically save contacts to the SmartChip
1 From standby select Menu ► Address Book ► More
  ► Options ► Advanced ► Auto Save On SmartChip.
2 Select On.

To send contacts
• To send a selected contact, ► More ► Send Contact
  and select a transfer method.
• To send all contacts, Menu ► Address Book ► More
 ► Options ► Advanced ► Send All Contacts and select
  a transfer method.

To edit a phone contact
1 From standby select Menu ► Address Book and select
  a contact ► More ► Edit Contact.
2 Select a tab and edit the information ► Save.

To edit a SmartChip contact
1 If SmartChip Contacts is default, Menu ► Address
  Book or if Phone Contacts is default, Menu ► Address
  Book ► More ► Options ► SmartChip Contacts.
2 Select the name and number to edit.
3 ► More ► Edit Contact and edit the name and number.

To delete contacts
• Scroll to a contact and press ⟨C⟩.
• To delete all contacts, Menu ► Address Book ► More
  ► Options ► Advanced ► Delete all contacts ► Yes
  and ► Yes. Names and numbers on the SmartChip
  are not deleted.

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To check memory status
From standby select Menu ► Address Book ► More
► Options ► Advanced ► Memory Status.

> *The number of entries you can save in the cell phone or*
> *on the SmartChip depends on the available memory.*

Synchronizing contacts
For more information, ➡ *44 Synchronizing*.

Speed dialing
Save numbers in positions 1-9 to access them easily.

To set or replace speed dialing numbers
1 From standby select Menu ► Address Book ► More
  ► Options ► Speed Dial.
2 Scroll to a position ► Add or ► More ► 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 voice message when you cannot answer a call.

To call your voicemail service
If you have entered your voicemail number, press and
hold ①.

To check your voicemail number
From standby select Menu ► Messaging ► Settings
► Voicemail Number.

ⓘ Forwarding Calls
Forward calls, for example, to an answering service.

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To activate a call forward
1 From standby select Menu ► Settings ► Calls
  ► Forward Calls.
2 Select a call type and forward option ► Activate.
3 Enter the phone number to forward your calls to
  ► OK, or ► Lookup to select a contact.

To deactivate a call forward
Scroll to the forward option ► Deactivate.

To check all forward options
From standby select Menu ► Settings ► Calls ► Forward
Calls ► Check All.

More than One Call
Handle more than one call simultaneously.

Call waiting service
When activated, you hear a beep if you receive
a second call.

To activate the call waiting service
From standby select Menu ► Settings ► Calls ► Manage
Calls ► Call Waiting ► Activate.

To make a second call
► More ► Hold to hold the ongoing call. Enter the number
to call ► Call.

Receiving a second call
When you receive a second call, you can:
• ► Answer and put the ongoing call on hold.
• ► Busy to reject and continue the ongoing call.
• ► Replace Actve Call to answer and to end the
  ongoing call.

Handling two calls

If you have an ongoing call and a call on hold, you can:

- ► More ► Switch to switch between the two calls.
- ► More ► Join Calls to join the two calls.
- ► End Call ► Yes to retrieve the held call.
- ► End Call ► No to end both calls.

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. Put the conference on hold and add up to five participants or make another call.

To join the two calls into a conference call

► More ► Join Calls.

To add a new participant

1 ► More ► Hold to put the joined calls on hold.
2 ► More ► Add Call and call the next person to add to the call.
3 ► More ► Join Calls.
4 Repeat steps 1-3 to include more participants.

To release a participant

► More ► Release Party 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.

My Numbers

To check your phone numbers

To view your own numbers, from standby select Menu ► Address Book ► Options ► Special Numbers ► My Numbers and select one of the options.

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Call Time

During a call, the duration of the call is shown on the screen. Check the duration of your last call, outgoing calls and the total time.

To check the call time

From standby select Menu ► Settings ► Calls ► Time & Cost ► Call Timers.

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 or #–ʁ.
- To clear the screen after the call is finished, press ⓒ.
- To turn the tones on or off during a call, ► More and select Disable Tones or Enable Tones.

Notepad

Use the screen as a notepad to enter a phone number during a call. When you end the call, the number remains on the screen to call or save.

Showing or Hiding your Number

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

To always show or hide your phone number

1 From standby select Menu ► Settings ► Calls ► Show/ Hide My No.
2 Select Show Number, Hide Number or Network Default.

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📶 Messaging

Your cell phone supports various messaging services. Contact your service provider about the services you can use, or for more information see *www.sonyericsson.com/support*.

🔅 *If there is no memory available, you must delete messages or email messages before you can receive new ones.*

Text and Picture Messaging

Text messages can contain pictures, sound effects, animations, and melodies. You can also create and use templates for your messages.
When sending messages, the cell phone selects the best method (as a text or picture message) for sending the message.

🔅 *If you send a message to a group, you will be charged for each member.*

Writing and sending messages

For information about entering letters ➡ *18 Options when entering letters*.

To write and send a message

1 From standby select Menu ► Messaging ► Write New ► Message.
2 Enter text.
3 Scroll 🔅 to use toolbar options.
4 Scroll ◉ or ◉ to select an option:
   • Add Picture
   • Add Sound
   • Camera
   • Record Sound
   • Preview

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5 When ready to send, select Continue.
6 Select an option:
- Enter Email Addr to send the message to an email address.
- Enter Phone No. to send the message to a contact not in the Address Book.
- Addr. Book Lookup to send the message to an address.

To copy and paste text in a message
1 When writing your message, select More ► Copy & Paste.
2 Select Copy All or Mark & Copy.
3 Scroll to and mark the text in your message. Mark, then highlight text using navigation keys.
4 To insert copied text, select More ► Copy & Paste ► Paste.

To set the message options
1 From standby select Menu ► Messaging ► Settings ► the Message Settings tab.
2 Scroll to and select and option.

Receiving text messages
You are notified when you receive a message. Received messages are saved in the Inbox.

To view a message from standby
- If pop-up is set, follow the instructions on the screen. If not, you can locate the message Menu ► Messaging ► Inbox.

To call a number in a message
- Select the phone number displayed in the message and select Call.

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Send options

You can set send options for the message:
- Delivery Report – indicates if the message was successfully delivered to the recipient.
- Read Report – indicates if the message was read or deleted before being read.

To select additional send options

1 When the message is ready and a recipient is selected, select More:
- Add Recipient to add another recipient.
- Edit Profile to edit and add recipients.
- Edit Subject to edit the subject.
- Advanced for more send options.
2 Scroll to an option and select Edit.

Templates for picture messages

Add a new template or use a pre-defined template.

To add a template

1 From standby select Menu ► Messaging ► Templates ► the New Template.
2 Select an option.
3 Insert text. Press ⊛ to add items.
4 Select Save, enter a title and select OK.

Saving and deleting messages

Received messages are saved in the phone memory. When the phone memory is full, delete messages or move them to the SmartChip.

To save a message on the SmartChip

1 From standby select Menu ► Messaging ► Inbox ► Sent Messages or Drafts.
2 Scroll to select the message to save.
3 Select More ► Save Message.
4 Select Saved Messages.

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To save an item in a message

1 When reading a message, select the item.
2 Select an option.

To save several messages

1 From standby select Menu ► Messaging and select a folder.
2 Scroll to and select a message.
3 Select More ► Mark Several.
4 Scroll to and select the messages.
5 Select More ► Saved Messages to save messages.

To close a text or picture message

• Press (⇆).

To delete a message

1 From standby select Menu ► Messaging.
2 Select a folder.
3 Select the message and press (C).

To delete several messages

1 From standby select Menu ► Messaging and select a folder.
2 Scroll to and select a message.
3 Select More ► Mark Several.
4 Scroll to and select the messages.
5 Select More ► Delete Messages to delete messages.

Voice Messages

Send and receive a sound recording as a voice message.

The sender and receiver must have subscriptions supporting picture messaging.

To record and send a voice message

1 From standby select Menu ► Messaging ► Write New ► Voice Message.
2 Record your message ► Stop.

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3 ► Send to send the message.
4 Select Enter Phone No. to enter the recipient's number or Addr. Book Lookup to retrieve a number or group from Address Book, or select from the last used recipients list. ► Send.

Mobile Email
Check your AT&T Yahoo! Mail, MSN™ Hotmail, AOL™, AIM™ and SBC™ Yahoo! accounts quickly and easily.

Before using Mobile Email, make sure your AT&T account supports a data plan and that you have your email account settings available.
1 From standby select Menu ► Mobile Email.
2 Select More to add, edit, or delete account settings.
3 Select the provider you want to use. Follow the prompts to enter your settings.
4 Select Save. Your account is now ready to send and receive email messages.

Receiving Voice Messages
When you receive an automatically downloaded voice message, it appears on the screen.
If New Events is set to Pop-up, you are asked if you want to listen to the voice message. ► Yes to play the message now or ► No to play it later. Press 🔄 to close the message. To play the message later, from standby ► Messaging ► Inbox ► View.

Instant Messaging (IM)
Connect and log in to the IM server to communicate online with your family and friends. If your subscription supports instant messaging and presence services, you can send and receive messages and see contact status when they are online.

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Contact your network operator for more information.

To log in/out to your IM server

1 From standby select Menu ► Messaging ► IM.
2 Sign into the IM community you want to access.

To add a contact to the list

1 From standby select Menu ► Messaging ► IM
  ► Buddies tab ► More.
2 Select a buddy to add.

The tab name varies depending on IM community chosen.

To send a chat message from IM

1 From standby select Menu ► Messaging ► IM
  ► Buddies tab ► More.
2 Select a buddy.
3 Select Send IM.
4 Type your message and select Send.

You can also continue a chat conversation from the Conversations tab.

Status

Show your status to your contacts only or show it to all users on the IM server.

To set status

1 From standby select Menu ► Messaging ► IM
  ► My Status tab.
2 Select an option.

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Imaging

Camera

Your cell phone has a digital camera to take pictures to save or send. Use a picture as a screen saver, wallpaper or to add to a contact.

To start the camera and take a picture

1 From standby select Menu ► Camera to start the camera.
2 ► Capture to take a picture. All camera pictures are saved in Menu ► My Stuff ► Camera Album.
3 Press ⭤ to take another picture.
4 Press and hold ⭤ to stop the camera.

You can edit the camera shortcut on the navigation key ➨ *16 To edit a standby shortcut.*

To adjust brightness

Use the volume buttons to increase or decrease brightness.

If you take a picture of 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.

Camera options

When the camera is activated ► More to view options:
• View All Pictures – view all camera pictures.
• Night Mode – enhance picture quality in poor lighting conditions with longer exposure time.
• Self-Timer – a picture is taken a few seconds after you press the camera button.

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- **Effects** – select different effects for your picture:
  - **Off** – the feature is off and there are no picture effects.
  - **Black & White** – removes all color information and makes the pictures black and white.
  - **Negative** – inverts the colors of the picture, similar to how a photo negative looks.
  - **Sepia** – shows light and shade or colors chosen to sepia tone such as an old photograph.
  - **Solarize** – changes the relative darkness of part of an image by overexposure to light.
- **White Balance** – adjust colors to lighting conditions. Select from **Auto**, **Daylight**, **Cloudy**, **Fluorescent** or **Incandescent**.
- **Picture Quality** – select **Normal** or **Fine** picture quality:
  - **Normal** – default quality setting and less memory-consuming.
  - **Fine** – quality of pictures is higher but more memory-consuming.
- **Shutter Sound** – select different shutter sounds.

Saving and sending pictures

When you have taken a picture it is saved in the **Camera Album**, which can be found from standby **Menu ▶ My Stuff ▶ Camera Album**. You can send the picture instantly in a picture message. After taking a picture ▶ **Send** and then compose your message. To exchange pictures using other transfer methods ➡ *37 Exchanging pictures*.

Pictures

Your cell phone comes with one or more pictures that you can delete to free memory. You can use a picture as a screen saver, wallpaper, or to add to a phone

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contact ➧ *22 To add a picture, light effect or a ringtone to a phone contact*. You can send and receive pictures using a transfer method. The number of pictures you can save depends on the size of the files. The cell phone supports GIF, JPEG, PNG.

> ☼ *Animations are handled like pictures.*

To view your pictures
1 From standby select Menu ► My Stuff ► Camera Album. Pictures are shown in thumbnail view.
2 Select a picture ► View.

To search camera pictures by time line
1 From standby select Menu ► My Stuff ► Camera Album.
2 ► More ► Timeline View to browse camera pictures sorted by date.

Exchanging pictures
Exchange pictures with friends using one of the available transfer methods. You may not be allowed to exchange copyright-protected material. You can also transfer pictures to a computer ➧ *49 Transferring Files*.

To send a picture

1   From standby select Menu ► My Stuff ► Camera Album.
2   Select a picture ► More ► Send and select a transfer method.

To receive and save a picture

• From a message containing the file, ➡ *29 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 automatically when the cell phone is idle for a few seconds. After a few more seconds the screen saver changes to sleep mode to save power. If you have a picture as wallpaper, this picture is shown in standby mode.

To use a picture

1   From standby select Menu ► My Stuff ► Camera Album and select a picture.
2   ► More ► Use As and select an option.

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Entertainment

Ringtones, Sounds and Alerts

Your cell phone comes with melodies that can be used as ringtones. You can exchange melodies by selecting a transfer method. Certain non-supported sound files cannot be used as ringtones. You may not be allowed to exchange copyright-protected material.

To select a ringtone

From standby select Menu ► Settings ► Sounds & Alerts ► Ringtone.

To turn the ringtone on or off

From standby press and hold #-ð. All signals except the alarm signal are turned on or off.

To set the ringtone volume

1 From standby select Menu ► Settings ► Sounds & Alerts ► Ring Volume.
2 Press ⓞ or ⓒ to decrease or increase ► Save.

To set the vibrating alert

1 From standby select Menu ► Settings ► Sounds & Alerts ► Vibrating Alert.
2 Set this alert to On, On if in Silent or Off.

To set sounds and alerts options

From standby select Menu ► Settings ► Sounds & Alerts. You can set:
• Light Effects – select a light effect to use.
• Increasing Ring – select an increasing ringtone.
• Message Alert – select message notification.
• Key Sound – select a key press sound.

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Composing ringtone melodies
Use MusicDJ™ to compose and edit melodies to use as ringtones.

To compose a melody
1 From standby select Menu ► Entertainment ► MusicDJ™.
2 Select Insert, Copy and Paste blocks to compose. Use ⊚, ⊚, ⊚ or ⊚ to move between the blocks. Press ⓒ to delete a block. ► More to view more options.

To edit a MusicDJ™ *melody*
From standby select Menu ► My Stuff ► Ringtones and select a melody ► More ► Edit.

To send and receive a melody
1 From standby select Menu ► My Stuff ► Ringtones and select a melody. ► More ► Send and select a transfer method.
2 When you receive the melody, follow the instructions that appear.

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

Sound Recorder
Record your own memos to set as ringtones.

To start a sound recording
From standby select Menu ► Entertainment ► Record Sound.

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To listen to your recordings
1 From standby select Menu ► My Stuff ► Ringtones 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, Light Effects, Games and Applications

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

To set a theme
1 From standby select Menu ► My Stuff ► Themes.
2 Select a theme ► Set.

To send a theme
1 From standby select Menu ► My Stuff ► Themes, select a theme ► More ► Send.
2 Select a transfer method.

To receive and save a theme
When you receive the theme, follow the instructions that appear.

☀ *Unrecognized formats are saved in* Other.

Alternating themes

Your cell phone automatically switches themes between day and night. This function is default in your cell phone and can be deactivated.

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To deactivate alternating themes
From standby select Menu ► Settings ► Display ► Use Night Theme ► Off.

To select a day or night theme
1 From standby select Menu ► Settings ► Display
  ► Night Theme or Day Theme.
2 Select a theme ► Set.

Light effects
Light effects notify you of an incoming call or a new message by lighting up the keypad and outer rim of the cell phone. You can also add light effects to contacts. Certain light effects cannot be turned off such as those you see when you open and close the cell phone, or when you add or remove an accessory.

☆ *Light effects may distract you when you drive. To turn off light effects, go to Menu ► Settings ► Sounds & Alerts ► Light Effects ► Preferences ► Off.*

To select a light effect for incoming calls
1 From standby select Menu ► Settings ► Sounds & Alerts ► Light Effects ► Call Light.
2 Select a light effect.

Games and applications

To start and end a game
From standby select Menu ► Entertainment ► Games and select a game. Press and hold ⌫ to end a game.

To start and end an application
From standby select Menu ► My Stuff ► Applications and select an application. Press and hold ⌫ to end an application.

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Connectivity

Using MEdia Net

Browse the Internet using HTTP (Hyper Text Transfer Protocol).

To start browsing

From standby select Menu ► MEdia Net, select a service or ► More for options.

To stop browsing

► More ► Exit Browser.

Options when browsing

► More to view options. The menu contains the following options but depends on the Web page you are visiting.

► Go to for options:

• MEdia Net – go to the pre-defined homepage.
• Bookmarks – create, use or edit bookmarks to Web pages.
• Enter Address – enter the address of a Web page.
• Search Internet – use Google™ to search.
• History – list of previously visited Web pages.
• Saved Pages – list of your saved 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 when browsing the Internet.

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▶ 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.

▶ Options – to enter settings for the browser.
▶ Exit Browser to disconnect.

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

Internet security
When using an Internet profile you can turn on security settings in the cell phone.

Trusted certificates
Certain Internet services, such as banking, require certificates in your cell phone. Your cell phone may contain certificates when you buy it, or you can download new certificates.

To check certificates in your cell phone
From standby select Menu ▶ Settings ▶ General ▶ Security ▶ Certificates ▶ Trusted Certificate.

Synchronizing
Synchronize contacts, appointments, tasks, notes and bookmarks using one of the available transfer methods. Visit *www.sonyericsson.com/support* to download Sony Ericsson PC Suite software for synchronization. You can also download the Getting started guide for synchronization.

Synchronization with a computer
Install Sony Ericsson PC Suite software by downloading it from *www.sonyericsson.com/support*. The software includes help information.

Remote synchronization via Internet
Synchronize online via an Internet service.

To enter remote synchronization settings
1 From standby select Menu ► Organizer
   ► Synchronization and ► Yes or New Account.
   Enter a name for the new account ► Continue.
2 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 from a service.
   • Remote Security – enter server ID and password.
3 ► Save to save your new account.

To start remote synchronization
From standby select Menu ► Organizer
► Synchronization, select an account ► Start.

Bluetooth™ Wireless Technology

Bluetooth wireless technology makes wireless connection to other Bluetooth devices, for example a Bluetooth headset possible. You can:

- connect to several devices at the same time.
- synchronize information with other devices.
- exchange items.

The recommended maximum distance between two Bluetooth devices is 33 feet or 10 meters, with no solid objects in between.

Before you start

- Turn on the Bluetooth function to communicate with other devices.
- Add Bluetooth devices to your cell phone to communicate with.

Please check if local laws or regulations restrict the use of Bluetooth wireless technology. If it is not allowed, you must ensure that the Bluetooth function is turned off.

To turn on Bluetooth wireless technology in your cell phone
From standby select Menu ▶ Settings ▶ Connectivity ▶ Bluetooth ▶ Turn On.

To show or hide your cell phone
From standby select Menu ▶ Settings ▶ Connectivity ▶ Bluetooth ▶ Visibility ▶ Show Phone or Hide Phone.

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

To pair a device with your cell phone
From standby select Menu ► Settings ► Connectivity ► Bluetooth ► My Devices ► New Device to search for available devices. Select a device from the list. Enter a passcode, if required.

To save power
From standby select Menu ► Settings ► Connectivity ► Bluetooth ► Powersave ► On.

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

To pair with a Bluetooth headset
1 From standby select Menu ► Settings ► Connectivity ► Bluetooth ► Handsfree.
2 ► Yes if you are adding a Bluetooth handsfree for the first time or, if you have already added at least one handsfree device ► My Handsfree ► New Handsfree ► Add if you are pairing with another Bluetooth handsfree. Ensure that your handsfree is ready to be paired.

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

To turn on the infrared port in your cell phone
From standby select Menu ► 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 cell phone is facing the infrared port on the other device with a maximum distance of 20 cm.

USB Cable

You may use a USB cable to exchange information between your cell phone and a computer. A USB cable is sold separately.
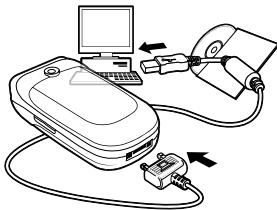
To start a USB connection

1 Install the Sony Ericsson PC Suite software on your computer. Download and install the PC Suite from *www.sonyericsson.com/support*.
2 Turn on your cell phone.

3 Connect the USB cable to your cell phone and computer.
4 Launch the Sony Ericsson PC Suite and use applications it contains to transfer files, synchronize and more.

To end a USB connection
Remove the USB cable from your cell phone and computer.

Transferring Files
You can transfer pictures, sounds, and themes by using one of the following transfer methods:
• Bluetooth ➡ *46 Bluetooth™ Wireless Technology*
• Infrared ➡ *47 Infrared Port*
• USB cable ➡ *48 USB Cable*

You can also send files via email ➡ 33 Mobile Email or picture messages ➡ 29 Text and Picture Messaging.

To transfer files using Bluetooth wireless technology or infrared
1 Select a file to transfer.
2 ► More ► Send and select Via Bluetooth or Via Infrared.
3 Follow on-screen prompts to complete transfer.

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More Features

Time and Date

Time and date are always displayed in standby.

To set the time and date

From standby select Menu ► Settings ► General ► Time & Date:

- To set time and time format, ► Time and enter the time ► Format and select a format ► Save.
- To set date and date format, ► Date and enter the date ► Format and select a format ► Save.
- To edit time zone, ► Time Zone and select an option.
- To set daylight saving on or off, ► Daylight Saving and select an option.
- To set auto time zone, ► Auto Time Zone and select and option.

Alarm Clock

The alarm rings even if the cell phone is in silent mode or turned off.

To set and use an alarm

From standby select Menu ► Alarms and select one of the following options:

- To set an alarm, select an alarm in the list ► Edit and set a time ► OK.
- To set a recurring alarm, ► Recurrent:, select days ► Mark ► Done.
- To select a signal, ► Alarm Signal, select a sound ► Save.
- To turn the alarm signal off when it rings, press any key.
- To cancel an alarm, select an alarm ► Turn Off.

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Profiles

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

To use profiles

From standby select Menu ► Settings ► General
► Profiles:

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

You can also activate a profile from the shut down menu ➧ 14 Shut down menu.

Brightness

To adjust the brightness of the screen

1 From standby select Menu ► Settings ► Display
   ► Brightness.
2 Press ⓒ or ⓒ to set a level ► Save.

Calendar

Add, save, edit and set reminders for appointments. Synchronize the calendar with a Web calendar or a computer calendar. ➧ 44 Synchronizing.

To add a new appointment

1 From standby select Menu ► Organizer ► Calendar
   and select a date ► New Appointmnt ► Add.
2 Enter the appointment details and ► Save to confirm the appointment.

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To view an appointment
1 From standby select Menu ► Organizer ► Calendar and select a day.
2 Select an appointment ► View.

To view a calendar week
From standby select Menu ► Organizer ► Calendar
► More ► View Week.

To set reminders options
1 From standby select Menu ► Organizer ► Calendar
  ► More ► Advanced ► Reminders.
2 Select an option. Select Always for a reminder to sound even though the cell phone is turned off or in silent mode.
3 When the reminder sounds:
   • If New Events is set to Pop-up, ► Yes to read the appointment or ► No to turn off the reminder.

-ᗢ́- *A reminder option set in the calendar also affects a reminder option set in* Tasks.

Navigating in your calendar
Use the navigation key to move between days or weeks.

Calendar settings
From standby select Menu ► Organizer ► Calendar
► More and select an option:
• View Week – view appointments of the week.
• New Appointmnt – add a new appointment.
• Change Date – go to another date in the calendar.
• Advanced – view options to find and set reminders or select a start day for the week.
• Delete – delete appointments.
• Help – view help text for more calendar information.

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To send an appointment

From standby select Menu ► Organizer ► Calendar
and select an appointment ► More ► Send and select
a transfer method.

Tasks

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

To add a new task

1 From standby select Menu ► Organizer ► Tasks
 ► New Task ► Add.
2 Select Task or Phone Call. Enter details and confirm
 each entry.

To view a task

From standby select Menu ► Organizer ► Tasks and
select a task ► View.

To set reminders

1 From standby select Menu ► Organizer ► Tasks and
 select a task ► More ► Reminders.
2 Follow step 2 and 3 in ➡ *52 To set reminders options*.

☼ *A reminder option set in* Tasks *affects a reminder
 option set in the calendar.*

To send a task

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

Notes

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

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To add a note

1 From standby select Menu ► Organizer ► Notes
  ► New Note ► Add.
2 Enter the note ► Save.

To edit notes

1 From standby select Menu ► Organizer ► Notes and
  select a note.
2 ► More ► Edit and edit the note ► Save.

Calculator

Use the calculator to add, subtract, divide and multiply.
From standby select Menu ► Organizer ► Calculator:
• To select ÷ x - + . % =, press ⊙ or ⊚.
• To delete a figure, press ⌷.

SmartChip Lock

The SmartChip lock protects your subscription from
unauthorized use. Most SmartChips are locked at time
of purchase. If the SmartChip lock is on, you have to enter
a PIN (Personal Identity Number) every time you turn on
your cell phone. If you enter your PIN incorrectly three
times in a row, the SmartChip is blocked and the message
PIN Blocked is displayed. To unblock it, you need to enter
your PUK (Personal Unblocking Key). Your PIN and PUK
are supplied by your network operator. You can edit your
PIN and select a new four- to eight-digit PIN.

To unblock your SmartChip

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

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To edit your PIN

1 From standby select Menu ► Settings ► General
  ► Security ► Locks ► SmartChip Protection
  ► Change PIN.
2 Enter your PIN ► OK.
3 Enter a new four- to eight-digit PIN ► OK. Re-enter
  the new PIN to confirm ► OK.

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

To turn the SmartChip lock on or off

1 From standby select Menu ► Settings ► General
  ► Security ► Locks ► SmartChip Protection
  ► Protection and select On or Off.
2 Enter your PIN ► OK.

Phone Lock

The phone lock protects the cell phone against
unauthorized use. You can change the phone lock
code (0000) to any four- to eight-digit personal code.

To unlock the cell phone

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

Automatic phone lock

If the phone lock is set to Automatic, you only need to
enter your phone lock code when you insert a different
SmartChip.

To set the phone lock

1 From standby select Menu ► Settings ► General
  ► Security ► Locks ► Phone Protection ► Protection.
2 Select an option, enter your code ► OK.

To edit your phone lock code
From standby select Menu ► Settings ► General
► Security ► Locks ► Phone Protection ► Change Code.

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

Password Saver
You can save security codes, such as pin codes and
passwords.

Checkword and security
The checkword confirms that you have entered the correct
passcode. 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.

To open password saver for the first time
1 From standby select Menu ► Organizer ► Password
 Saver.
2 Instructions appear ► Continue.
3 Enter a four-digit passcode ► Continue.
4 Re-enter the new passcode ► Continue.
5 Enter a checkword (maximum 15 characters) ► Done.

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To add a new password

1 From standby select Menu ► Organizer ► Password Saver and enter your passcode.
2 Enter your passcode ► Continue ► New Code ► Add.
3 Enter a name associated with the code; for example, the name of the credit card company ► Continue.
4 Enter the code ► Done.

To change the passcode

1 From standby select Menu ► Organizer ► Password Saver.
2 Enter your passcode ► Continue ► More ► Change Passcode.
3 Enter your new passcode ► Continue.
4 Re-enter the new passcode ► Continue.
5 Enter a checkword ► Done.

To reset password saver

1 From standby select Menu ► Organizer ► Password Saver.
2 Enter a passcode ► Continue ► More ► Reset.
3 Reset Password Saver? appears ► Yes. The password saver is reset and all entries are cleared ➲ *56 To open password saver for the first time*.

Troubleshooting

Some problems require you to call your service provider, but you can correct most problems yourself. Before taking your cell phone in for repair, copy your saved content and information to another device, as it may be lost during repair. For more support go to *www.sonyericsson.com/support*.

Some menu options appear in gray

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

The cell phone is working slowly

Delete unwanted content and then restart the cell 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 cell phone cannot be turned on

The battery is discharged ➡ *12 To charge the battery*.

Charging a non-Sony Ericsson battery

➡ *67 Battery*.

The wrong menu language is shown

➡ *17 To change the phone language*.

Master reset

Delete your settings and the content you have added/edited.

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To reset your cell phone

1 From standby select Menu ► Settings ► General
   ► Master Reset.
2 Select Reset Settings to delete your changes to
   settings or Reset Device to delete your changes to
   settings, all contacts, messages, personal data, and
   content you have downloaded, received or edited.
   ► Continue.

Error Messages

Insert SmartChip.
Check that the SmartChip is inserted correctly.
➲ *11 To insert SmartChip and battery*.

Insert correct SmartChip.
Check that you are using the correct operator SmartChip
for your cell phone.

Emerg. Calls Only
You are within range of a network but are only allowed to
use it for emergency calls. Contact your network operator
to ensure you have the correct subscription.

No Nwk Coverage
There is no network within range. Contact your network operator.

Wrong PIN./**Wrong PIN2.**
You have entered your PIN or PIN2 incorrectly. Enter the correct PIN or PIN2 ► *Yes* ➥ *54 SmartChip Lock*.

Codes do not match.
To change a security code you have to confirm the new code by entering it twice.

PIN Blocked/**PIN2 blocked.**
To unblock ➥ *54 SmartChip Lock*.

PUK blocked.
Contact your network operator.

Phone locked.
The cell phone is locked. To unlock the cell phone ➥ *55 Phone Lock*.

Phone lock code:
The phone lock code is required ➥ *55 Phone Lock*.

Hearing Aid Compatibility

Your cell phone is designed for Hearing Aid Compatibility (HAC) and uses many settings optimized for use with hearing aids set in Microphone mode.

To make and receive calls
Open the cell phone to make or receive a call in microphone mode. Close the cell phone to terminate a call.

Hearing Aid Compatibility Rating

This phone model was designed to comply with the requirements set forth in Section 20.19 of the Federal Communication Commission's rules governing hearing aid compatibility (HAC). The Microphone (M) rating and T-coil (T) rating is defined and labeled on the label of the phone model box. Devices meeting HAC compliance must have a minimum M3 and/or T3 rating or above as defined in the ANSI Standard C63.19-2006. The (M) rating refers to lower RF emissions levels of the phone model. The (T) rating refers to the magnetic coupling between the phone model and the T-coil compatible hearing aid. Some hearing aids are also provided an (M) rating, and are more immune than others to interference. To determine the (M) rating of your hearing aid, please contact your hearing health professional. More information about digital wireless devices and hearing aid compatibility can be found at www.sonyericsson-snc.com.

Important Information

Sony Ericsson Consumer Web site

On *www.sonyericsson.com/support* is a support section where help and tips are only a few clicks away. Here you will 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 network operator for more information.

You can also contact our Call Centers. Use 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. You can always find the latest updates on www.sonyericsson.com.)

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 proof of purchase, you will need it if you need to claim warranty. *You will be charged for a call to one of our Call Centers according to national rates, including local taxes, unless the phone number is a toll-free number.*

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

Greece	801-11-810-810
	210-89 91919 (from 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 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

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

Guidelines for Safe and Efficient Use

Please read this information before using your cell 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 to your health.

Recommendations for safe use of product (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 +140°F (+60°C).
- 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 close your product with an object inserted between keypad and display; this may damage your product.
- 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 PHONE OR ITS
ACCESSORIES. THEY COULD HURT THEMSELVES
OR OTHERS, OR COULD ACCIDENTALLY DAMAGE
THE PHONE OR ACCESSORY. YOUR 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 cell 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 cell 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 +41°F (+5°C) and +113°F (+45°C).

Use only Sony Ericsson branded original batteries intended for
use with your cell 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 cell phone is being used.

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Turn off your cell 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

Phones may affect the operation of pacemakers and other implanted equipment. Please avoid placing the cell phone over the pacemaker, for example, in your breast pocket. When using the cell phone, use it at the ear on the opposite side of the body to the pacemaker. If a minimum distance of 6 inches (15 cm) is kept between the cell 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 cell phone. Contact your cardiologist for more information.

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

Driving

Please check if local laws and regulations restrict the use of cell 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 cell 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.

Emergency calls

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

Emergency calls may not be possible in all areas, on all cellular networks, or when certain network services and/or 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 cell phone, reduce performance, and produce SAR levels above the established limits (see below).

Efficient use

Hold your cell phone as you would any other cell phone. Do not cover the top of the cell phone when it is in use, as this affects call quality and may cause the cell 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 cell 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, for example, ICNIRP (International Commission on Non-Ionizing Radiation Protection) and IEEE (The Institute of Electrical and Electronics Engineers Inc.), through periodic and thorough evaluation of scientific studies. These guidelines establish permitted levels of radio wave exposure for the general population. The levels include a safety margin designed to assure the safety of all persons, regardless of age and health, and to account for any variations in measurements.

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

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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 cell phones, all Sony Ericsson phone models are designed to meet radio frequency exposure guidelines.

For cell 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 cell 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 phone model is included with the material accompanying this 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 cell phones sold in the US, you can use your TTY terminal with your Sony Ericsson 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.

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.

Protection of personal information

To safeguard your privacy and prevent information being accessible to a third party, you should erase all personal data before selling or disposing of the product. To delete personal data, perform a master reset. DELETION OF MATERIAL FROM THE PHONE MEMORY DOES NOT ENSURE THAT SAID INFORMATION CANNOT BE RECOVERED BY A SUBSEQUENT USER. SONY ERICSSON DOES NOT WARRANT AGAINST A SUBSEQUENT USER OF THE DEVICE ACCESSING YOUR INFORMATION AND DOES NOT ASSUME ANY RESPONSIBILITY FOR SUBSEQUENT DISCLOSURE OF SAID INFORMATION EVEN IF A MASTER RESET HAS BEEN PERFORMED. If you are concerned about such potential disclosure retain your device or secure its permanent destruction.

Accessories

Sony Ericsson recommends use of Sony Ericsson original accessories for safe and efficient use of its products. Use of third-party accessories may decrease performance or pose a risk to your health or safety.

LOUDNESS WARNING

Please adjust the audio volume cautiously when using third-party audio accessories to avoid volume levels that may be harmful to your hearing. Sony Ericsson does not test use of third-party audio accessories with this phone. Sony Ericsson recommends using only Sony Ericsson original audio accessories.

End User License 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 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.

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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, Nya Vattentornet, SE-221 88 Lund, Sweden, (Sony Ericsson) or its local affiliated company, provides this Limited Warranty for your cell phone and original accessory delivered with your cell 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. This Limited Warranty will last for a period of one (1) year as from the original date of purchase of the Product.

WHAT WE WILL DO

If, during the warranty period, this Product fails to operate under normal use and service, due to defects in design, materials or workmanship, Sony Ericsson authorized distributors or service partners, in the country* 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 and 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

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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 This Limited Warranty is valid only if the original proof of purchase for this Product issued by a Sony Ericsson authorized dealer specifying the date of purchase and serial number**, is presented with the Product to be repaired or replaced. Sony Ericsson reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the Product from the dealer.

2 If Sony Ericsson repairs or replaces the Product, the repair for the defect concerned, or the replaced Product shall be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced parts or components will become the property of Sony Ericsson.

3 This warranty does not cover any failure of the Product due to normal tear and wear, 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 more than a hundred times. However, it will eventually wear out - this is not a defect and corresponds to normal wear and tear. 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 the cell phones. There may be tiny bright or dark dots on the display. These are called defective pixels and occur when individual

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dots have malfunctioned and can not be adjusted. Two defective pixels are deemed acceptable. Minor variations in camera image appearance may occur between cell phones. This is nothing uncommon and is not regarded as a defective camera module.

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

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

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

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

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

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

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

* GEOGRAPHICAL SCOPE OF THE WARRANTY

If you have purchased your Product in a country member of the European Economic Area (EEA) or in Switzerland or the Republic of Turkey, and such Product was intended for sale in the EEA or in Switzerland or in Turkey, you can have your Product serviced in any EEA country or in Switzerland or in Turkey, under the warranty conditions prevailing in the country in which you require servicing, provided that an identical Product is sold in such country by an authorized Sony Ericsson distributor. To find out if your Product is sold in the 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 countries. Please note in addition that it may sometimes not be possible to repair SIM-locked Products.

** In some countries/regions additional information (such as a valid warranty card) may be requested.

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

SE-221 88 Lund, Sweden

declare under our sole responsibility that our product

Sony Ericsson type AAB-1032022-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 300328, EN 301489-17, 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**

June, 2007

$\mathsf{C}\,\mathsf{E}\,0682$

Shoji Nemoto,
Head of Product

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

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