Extended User's Guide

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The availability of particular products may vary by region. Please check with the Nokia dealer nearest to you.

9356091 / Issue 2 EN

Contents

FOR YOUR SAFETY

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST
Don't use a hand-held phone while driving.

INTERFERENCE
All wireless phones may get interference, which could affect performance.

SWITCH OFF IN HOSPITALS
Follow any regulations or rules. Switch the phone off near medical equipment.

SWITCH OFF IN AIRCRAFT
Wireless devices can cause interference in aircraft.

SWITCH OFF WHEN REFUELLING
Don't use the phone at a refuelling point. Don't use near fuel or chemicals.

SWITCH OFF NEAR BLASTING
Don't use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

USE SENSIBLY
Use only in the normal position. Don't touch the antenna unnecessarily.

QUALIFIED SERVICE
Only qualified personnel may install or repair phone equipment.

ACCESSORIES AND BATTERIES
Use only approved accessories and batteries. Do not connect incompatible products.

CONNECTING TO OTHER DEVICES
When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

BACKUP COPIES
Remember to make backup copies of all important data.

WATER-RESISTANCE
Your phone is not water-resistant. Keep it dry.

CALLING
Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press . To end a call, press . To answer a call, press .

EMERGENCY CALLS
Ensure the phone is switched on and in service. Disconnect the connectivity cable, if attached. Press as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display. Enter the emergency number, then press . Give your location. Do not end the call until told to do so.

■ About your phone

When using the features of this device, obey all laws and respect privacy and legitimate rights of others.

Warning: All of the features in this phone, other than alarms, require the phone to be switched on to use the features. Do not switch the phone on when wireless phone use may cause interference or danger.

■ Network Services

The wireless phone described in this guide is approved for use on the EGSM 900 and GSM 1800 network.

Dualband is a network dependent feature. Check with your local service provider if you can subscribe to and use this feature.

A number of features included in this guide are called Network Services. These are special services that you arrange through your wireless service provider. Before you can take advantage of any of these Network Services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.

Note: Some networks may not support all language-dependent characters and/or services.

■ About accessories

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from ACP-7 and ACP-12.

Warning: Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other

types may invalidate any approval or warranty applying to the phone, and may be dangerous.

For availability of approved accessories, please check with your dealer.

When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

General information

■ Stickers in the sales package

The stickers contain important information for services and customer support purposes.

Attach the $\boxed{B}$ sticker to your warranty card.

Attach the $\boxed{A}$ sticker to the Nokia Club Invitation Card supplied in the sales package.

■ Access codes

- **Security code (5 to 10 digits):** The security code protects your phone against unauthorised use, and is supplied with the phone. The preset code is 12345. Change the code, and keep the new code secret and in a safe place separate from your phone. To change the code, and to set the phone to request the code, see Security settings on page 95.

- **PIN code and PIN2 code (4 to 8 digits):** The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card.

  Set the phone to request the PIN code each time the phone is switched on, see Security settings on page 95.

  The PIN2 code may be supplied with the SIM card and is required to access some functions, such as charging unit counters.

If you key in an incorrect PIN code three times in succession, the phone may display *SIM blocked* and ask you to enter the PUK code. Contact your service provider to obtain the PUK code.

- **PUK and PUK2 codes (8 digits):** The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK2 code is required to change a blocked PIN2 code.

  If the codes are not supplied with the SIM card, contact your local service provider for the codes.

- **Barring password (4 digits):** The barring password is needed when using the *Call barring service*, see Security settings on page 95. You can obtain the password from your service provider.

■ Shared memory

The following features in this phone may share memory: phone book, text and multimedia messages, images and ringing tones in gallery, calendar, to-do notes, and Java games and applications. Using any such features may reduce the memory available for any features sharing memory. This is especially true with heavy use of any of the features (although some of the features may have a certain amount of memory specially allotted to them in addition to the amount of memory shared with other features). For example, saving many images or Java applications may take all of the shared memory and your phone may display a message that the memory is full. In this case, delete some of the information or entries stored in the shared memory features before continuing.

Overview of the functions in the phone

The Nokia 3300 phone provides many functions for daily use, such as digital Music player and Recorder, FM stereo radio, Calendar, Clock, Alarm clock, Calculator, and many more. Also a range of Nokia Xpress-on™ colour covers is available for your phone. To change the covers, see Changing the covers on page 36.

■ Digital music player and recorder

Your phone has an integrated digital music player and recorder. You can listen to MP3 and AAC music files on a memory card in your phone using a headset or via the internal loudspeaker. You can record music from the radio or from external audio equipment. The music tracks you record are saved on the memory card in your phone. The music player also supports M3U playlists. See Music (Menu 7) on page 98.

You can transfer music files and playlists from a compatible PC to the memory card in your phone using the Nokia Audio Manager PC software on the CD-ROM in the sales package . Once you have installed Nokia Audio Manager, it is also possible to use Windows Explorer to transfer music files and playlists. See Nokia Audio Manager on page 138.

■ FM Stereo radio

Your phone has an integrated FM stereo radio. You can listen to the radio using a compatible headset or via the internal loudspeaker. See Music (Menu 7) on page 98.

■ Music key

Your phone has a special Music key to quickly turn on the Music player and the radio. The Music key enables you to switch quickly between the music applications, and turn the music off.

■ Loudspeaker

You can listen to music and the radio via the integrated loudspeaker.

■ Polyphonic sound

Polyphonic sound consists of several sound components played at the same time like a real melody through a speaker. Polyphonic sounds can be used in ringing tones and message alert tones. Your phone has sound components from over 128 instruments that can be used for polyphonic sounds but the phone can play 24 instruments simultaneously. The phone supports Scalable Polyphonic MIDI (SP-MIDI) format.

You can receive polyphonic ringing tones via multimedia network service, see Reading and replying to a multimedia message on page 72, or download them via the gallery menu (network service), see Gallery (Menu 8) on page 106.

■ Java^{TM} applications

Your phone supports Java 2 Micro Edition (J2ME^{TM}), which is a version of Java technology specifically designed for small consumer electronics products. The phone includes some Java applications and games, and supports downloading new applications and games from different WAP services. See Applications (Menu 11) on page 113.

■ Multimedia messaging service (MMS)

The phone is able to send multimedia messages composed of text and a picture, and to receive messages containing text, a picture and sound. You can save the pictures and ringing tones for personalising your phone. See Multimedia messages on page 69. Multimedia messaging is a network service.

■ General Packet Radio Service (GPRS)

GPRS technology allows mobile phones to be used for sending and receiving data over the mobile network (network service). GPRS as such is a data bearer that enables wireless access to data networks like the Internet. The applications that may use GPRS are WAP services, MMS and SMS messaging, and Java application downloading.

Before you can use GPRS technology

- Contact your network operator or service provider for availability, pricing and subscription to the GPRS service.

- Save the GPRS settings for each of the applications used over GPRS.

See Setting up the phone for a WAP service on page 125, Message settings on page 77 and Settings when GPRS is the selected data bearer on page 127.

■ Over the Air (OTA) settings service

In order to use WAP, MMS, GPRS and other wireless services, you need to have proper settings on your phone. You may receive the settings directly as an OTA (Over The Air) message and you only need to save the settings on your phone. For more information on availability of the settings, contact your nearest authorised Nokia dealer.

■ Memory card

Your phone comes with a pre-installed and pre-formatted 64 MB memory card to store your music files, your downloaded Java applications and games, and AAC/MIDI/MP3 ringing tones you have received or downloaded. See Memory card on page 122.

You can also back up and restore your Phonebook and Calendar, text messages and bookmarks to and from a memory card. See Backup and restore on page 121.

Use only memory cards that are compatible with you phone. Memory cards formatted and data stored using another device may appear corrupted on your Nokia 3300 phone. You can use up to 128 MB compatible memory cards in your phone. See Removing and installing the memory card on page 31.

1. Your phone

■ Keys and connectors

1. **Power key** ⏻

   Switches the phone on and off.

   Enables changing the profile when pressed briefly in standby mode.

2. **Volume key**

   For adjusting the volume of the earpiece, the headset and the loudspeaker.

3. **Music key** 🎵

   Shortcut key to quickly turn the *Music player* and *Radio* on and off.

4. **4-way scroll key**

   Up, down, left and right

   Enables scrolling through names, phone numbers, menus or settings. Also enables, for example, channel search in the radio, adjusting the music settings, and the use of music functions, such as play, stop, fast forward and rewind.

5. **Recording key** ⏺
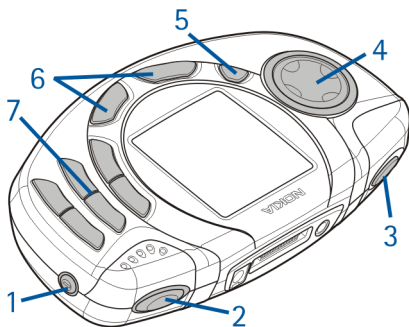
To start recording when the radio is on or external audio equipment is connected to the phone.

6. **Selection keys ◌ and ◌**

   The function of the keys depends on the guiding text shown on the display above the keys, for example, **Menu** and **Contacts** in standby mode.

   You can change the function of the right selection key ◌ to **Go to**, and create a list of shortcuts to different phone functions that you can access with it. See Personal shortcuts on page 85.

   ◌ dials a phone number, and answers a call. In standby mode it shows the most recently called numbers.

   ◌ ends an active call. **Exits from any function.**

7. **◌ - ◌** enter numbers and characters.

   ◌ and **◌** are used for various purposes in different functions.

1. Charger connector

2. Pop-Port™ connector for headsets, the connectivity cable and loopset

3. Audio line-in connector for the audio cable to connect the phone to external audio equipment
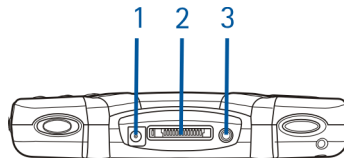
■ Standby mode

When the phone is ready for use, and you have not keyed in any characters, the phone is in standby mode.

1. Indicates in which cellular network the phone is currently being used.

2. Shows the signal strength of the cellular network at your current location. The higher the bar, the stronger the signal.

3. Shows the battery charge level. The higher the bar, the more power in the battery.

4. The left selection key in standby mode is **Menu**.

5. The right selection key in standby mode is **Contacts** if no other functions are assigned to it. Otherwise the key is **Go to**.

6. Shows the track title when the *Music player* is on.

   Shows the radio channel when the *Radio* is on.
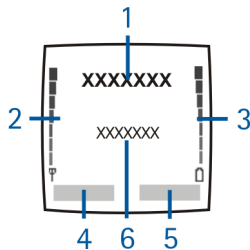
To enable the phone to show the time and date in standby mode, see Clock on page 85 and Date on page 86.

See also Essential indicators in standby mode on page 23.

Screen saver

The phone automatically activates the screen saver, a digital clock view, for power saving in standby mode. It will be activated in a certain time when no function of

the phone is used. See Screen saver on page 93. Press any key to deactivate the screen saver.

Note that if you have not set the time, 00:00 is displayed. To set the time, see Clock on page 85.

Wallpaper

You can set your phone to display a background image, wallpaper, when the phone is in standby mode. See Wallpaper on page 92.

Essential indicators in standby mode

✉   You have received one or several text or picture messages. See Reading and replying to a text message or an e-mail on page 67.

⬚   You have received one or several multimedia messages. See Reading and replying to a multimedia message on page 72.

ᗧᗤ   You have received one or several voice messages. See Voice messages on page 76.

➡🔒   The phone's keypad is locked. See Keypad lock (Keyguard) on page 34.

✦   *Incoming call alert* and *Message alert tone* are set to *Off*. See Tone settings on page 94.

🔔   The alarm clock is set to *On*. See Alarm clock (Menu 6) on page 97.

⏱   The countdown timer is running. See Countdown timer on page 119.

🕐	The stopwatch timing is running in the background. See Stopwatch on page 119.
🅖	A GPRS connection is established. The indicator is shown on the top left of the display.
🅖	The GPRS connection is suspended (on hold), for example if there is an incoming or outgoing call during a GPRS connection.
➔	All your calls are diverted to another number, *Divert all voice calls*. If you have two phone lines, the divert indicator for the first line is **1➔** and for the second line **2➔**. See Call divert on page 86.
1 or **2**	If you have two phone lines, indicates the selected phone line. See Line for outgoing calls on page 88.
📢	The loudspeaker has been activated.
⫶⫶	Calls are limited to a closed user group. See Security settings on page 95.
🕐	The timed profile is selected. See Profiles (Menu 4) on page 83.
🎧 or ⫶⫶	
	Headset or loopset accessory is connected to the phone.

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■ Putting on the wrist strap

Thread the strap as shown in the picture and then tighten it.
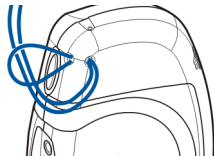
■ Headset

To connect the headset

Insert the end of the headset cable into the Pop-Port connector on the top of the phone.

To disconnect the headset

Remove the headset cable from the Pop-Port connector by grasping and pulling from the plug, not the cord.
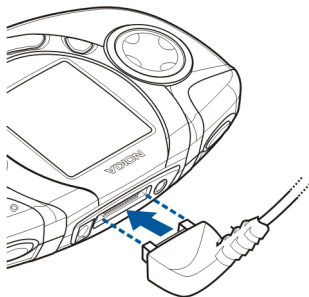
You can carry the stereo headset HDS-3H as shown in the picture, for example.

The headset lead functions as the antenna of the radio, so let it hang freely.

To answer a call when the headset is connected

You can press the headset key to answer and end a call.

Note that when using a headset your ability to hear outside sounds is reduced. Do not use a headset where it can endanger your safety.
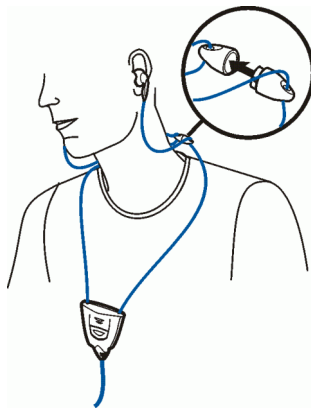
■ Attaching and using the supplied cables

You can connect your phone to a compatible PC with the supplied DKU-2 connectivity cable (1). Use the Nokia Audio Manager software to handle your music files and transfer them from the PC to the memory card in your phone. See Nokia Audio Manager on page 138.

Note: Close all applications on the phone and disconnect the audio cable before connecting your phone to a PC with the connectivity cable.

Note that you cannot make phone calls while your phone is connected to a PC.

To record music, you can connect your phone to external audio equipment with the supplied ADE-2 audio cable (2). See Recording on page 103.
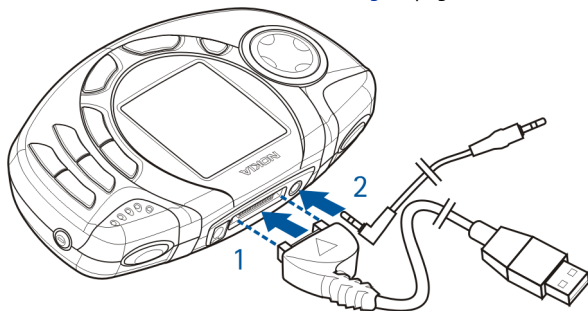
Important! Do not connect the phone to your PC before you have installed the Nokia Audio Manager PC software from the CD-ROM in the sales package.

Disconnecting the phone from the PC

When you connect your phone to the PC, the *Unplug or Eject Hardware* icon appears at the right on the Windows taskbar, indicating that a USB mass storage device has been connected to the PC. To disconnect the phone from the PC, click this icon and choose *Stop USB Mass Storage Device - Nokia 3300*. You can unplug the connectivity cable when Windows notifies you that it is safe to do so.

Important! To ensure that all memory card operations are completed in a controlled way, do not unplug the connectivity cable until Windows notifies you that it is safe to do so. Uncontrolled completion of memory card operations may cause the memory card and the information stored on it to become corrupted. A corrupted memory card may have to be formatted before it can be used again. When a memory card is formatted, all information on the card is permanently lost.

2. Getting started

■ Installing the SIM card and the battery

- Keep all miniature SIM cards out of the reach of small children.

- The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.

- Before removing the covers, always switch off the power and disconnect the phone from the charger or any other device. Always store and use the phone with the covers attached.

1. To remove the back cover off the phone:

   With the back of the phone facing you, press the back cover release button and slide open the cover (1).

   If the battery is installed in the phone, remove the battery by lifting it from the finger grip (2).
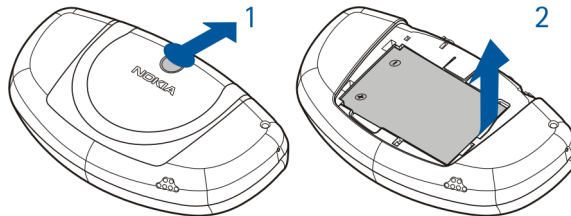
2. To release the SIM card holder, slide the card holder backwards (3) and open it (4).
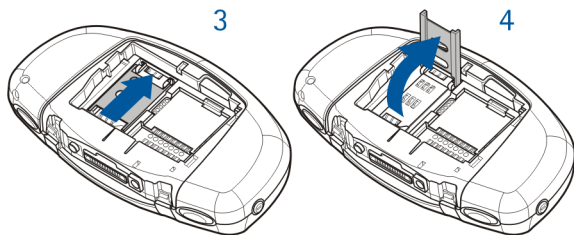
3. Insert the SIM card into the SIM card holder (5). Make sure that the SIM card is properly inserted and that the bevelled corner of the card is pointing upwards and the golden contact area of the card is facing the connectors on the phone.
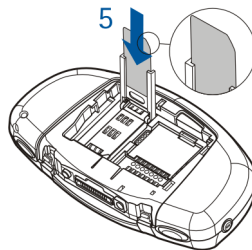
4. Close and lock the SIM card holder (6) and (7).
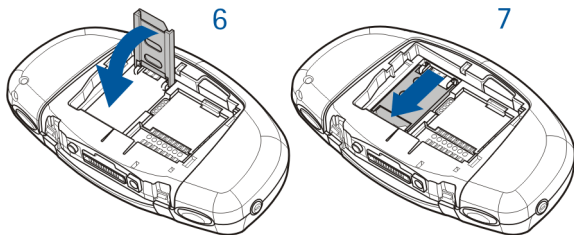
5. Replace the battery (8).

To replace the back cover, first insert the locking catches of the back cover in the corresponding slots in the phone. Slide the cover until it locks into place (9).
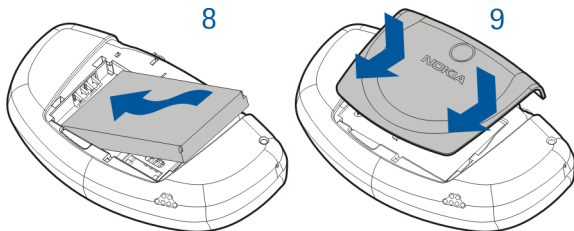
■ Removing and installing the memory card

Your phone comes with a 64 MB pre-installed and ready-to-use memory card.

- Keep all memory cards out of the reach of small children.

1. Make sure the phone is switched off.

2. With the back of the phone facing you, slide open the cover and remove the battery. See step 1 in Installing the SIM card and the battery on page 29.

3. To remove the memory card, press the memory card release button (1) and lift off the card (2). Be careful not to scratch the golden contacts of the card.
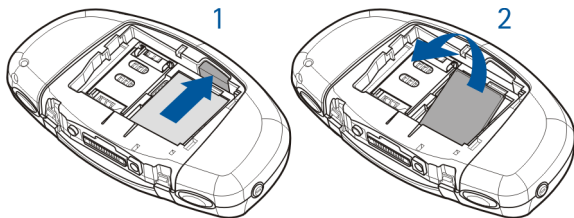
To install the memory card, gently press the memory card into its place (3) while pressing and holding the memory card release button (4). Make sure that the gold contacts of the card are facing down.

4. When you have secured the card in place, replace the battery and then replace the cover by sliding it back into place. See the step 5 in Installing the SIM card and the battery on page 29.
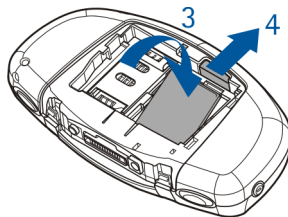
■ Charging the battery

1. Connect the lead from the charger to the socket on the top of your phone.

2. Connect the charger to an AC wall socket.

   The text *Charging* is displayed briefly if the phone is switched on. If the battery is completely flat, it may take a few minutes before the charging indicator appears on the display or any calls can be made.
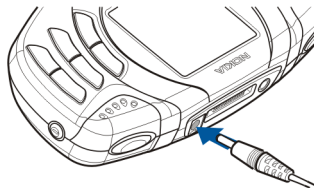
You can use the phone while the charger is connected.

The charging time depends on the charger and the battery used. For example, charging a BLD-3 battery with the ACP-7 charger may take up to four hours and 30 minutes if the battery is completely flat.

■ Switching the phone on and off

Warning: Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Press and hold the power key $\textcircled{1}$.

Note that if the phone displays *Insert SIM card* even though you have made sure that the SIM card is properly inserted, or *SIM card not supported*, contact your network operator or service provider. Your phone does not support 5 Volt SIM cards and the card may need to be changed.
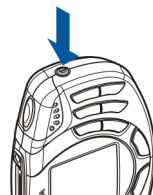
- If the phone asks for a PIN code, key in the PIN code (displayed as ****), and press **OK**.

- If the phone asks for a security code, key in the security code (displayed as *****), and press **OK**.

  See also Access codes on page 14.

TIPS ON EFFICIENT OPERATION: Your phone has a built-in antenna. As with any other radio transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimises the antenna performance and the talktime of your phone.
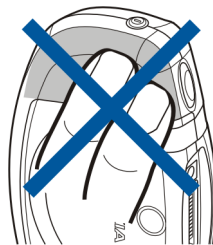
■ Keypad lock (Keyguard)

You can lock the keypad to prevent the keys being accidentally pressed, for example, when your phone is in your bag.

- **Locking the keypad**

  In standby mode, press **Menu** and then ✶ within 1.5 seconds.

- **Unlocking the keypad**

  Press **Unlock** and then ✶ within 1.5 seconds.

To answer a call when the keyguard is on, press ☎. During a call, the phone can be operated normally. When you end or reject the call, the keypad will automatically be locked again.

For automatic keypad lock, see Automatic keyguard on page 89.

For locking the keypad during a call, see Options during a call on page 43.

> **Note:** When Keyguard is on, calls may be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number). Key in the emergency number and press ☎. The number is displayed only after you have keyed in its last digit.
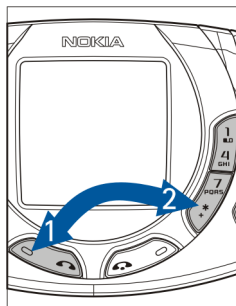
■ Changing the covers

Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. Always store and use the phone with the covers attached.

1. Remove the back cover of the phone. See the step 1 in Installing the SIM card and the battery on page 29.

2. To remove the front cover, gently pull the cover on both sides (1) and remove the cover starting from its top part (2).

3. Replace the key mat on the phone (3).
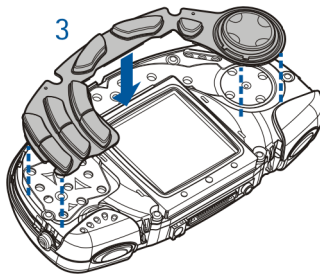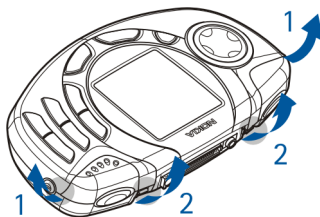
4. To replace the front cover, first place the catches on the lower part of the cover into the corresponding holes in the phone (4) and then gently press the cover into place (5).

5. Replace the back cover of the phone. See the step 5 in Installing the SIM card and the battery on page 29.
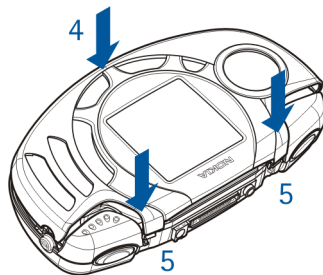
3. Music functions

You can listen to MP3 and AAC music files stored on the memory card in your phone with the *Music player*, or you can listen to the *Radio*. The special Music key on the top left of your phone enables you to quickly turn on and off both the *Music player* and the *Radio*.

You can use the Nokia Audio Manager software to create and organise digital music files and playlists on a compatible PC and transfer them to the memory card in your phone. Playlists will appear as track lists in the phone. See Nokia Audio Manager on page 138.

You can also record music from the radio or an external music source. See Recording on page 103.

To adjust the playback volume, use the Volume key on the top right of the phone.

Warning! Listen to music at a moderate level. Continuous exposure to a high volume may damage your hearing.

■ Listening to music

Press the Music key and select *Music player*.

The 4-way scroll key enables you to use the music functions:

- To fast forward or rewind the current track, press and hold ⊗ or ⊗, respectively.

- To skip to the next or previous track on the track list, quickly press ⊗ or ⊗, respectively.
- To stop the playback, press ⊗.
- To continue the playback, press ⊗.

You can press **Options** to open a list of the available Music player options. From the **Options** list you can, for example, select *Loudspeaker* to listen to music using the internal loudspeaker.

To turn off the *Music player*, press the Music key and select *Switch music off*.

For more information, see Music player on page 98.

■ Listening to the radio

Connect the headset to your phone. See Headset on page 25. The lead of the headset functions as the antenna of the radio, so let it hang freely.

Press the Music key and select *Radio*.

To tune a channel, press and hold ⊗ or ⊗ and the channel search starts. Searching stops when a channel is found.

You can press **Options** to open a list of the available options. From the **Options** list you can, for example, select *Set frequency* to manually key in the frequency of a radio channel.

For more information, see Radio on page 100.

4. Call functions

■ Making a call

You cannot make phone calls while the connectivity cable is attached to the phone. Disconnect the cable before making a call.

1. Key in the phone number, including the area code. If you key in an incorrect character, press **Clear** to delete it.

   For international calls, press ✱ twice for the international prefix (the + character replaces the international access code) and then key in the country code, area code without the leading 0, if necessary, and the phone number. Calls described here as international may in some cases be made within the regions of same nation.

2. Press 📞 to call the number.
3. Press 📞 to end the call or to cancel the call attempt.

See also Options during a call on page 43.

Note: During a call, the playback of music is paused and the volume of the radio is muted. When you end the call, playback is continued and the radio will automatically be turned on.

Making a call using the phone book

- See Searching for a contact in the phone book on page 50. Press 📞 to call the number on the display.

Last number redialling

- In standby mode, press 🔄 once to access the list of the last 20 numbers you called or attempted to call. Scroll to the number or name you want, and press 🔄 to call the number.

Calling your voice mailbox (network service)

- In standby mode, press and hold **1**, or press **1** and 🔄.

  If the phone asks for the voice mailbox number, key it in and press **OK**. See also Voice messages on page 76.

Speed dialling a phone number

Before you can use speed dialling, assign a phone number to one of the speed dialling keys, from **2** to **9**, see Speed dials on page 53. Call the number in either of the following ways:

- Press the speed dialling key you want and then press 🔄.
- If *Speed dialling* is set to on, press and hold a speed dialling key until the call is started. See Speed dialling on page 87.

Voice dialling

You can dial a phone number by saying one or more words that have been attached to it. See Voice dialling on page 53.

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Making a conference call

Conference calling is a network service that allows up to six persons to take part in a conference call.

1. Make a call to the first participant.
2. To make a call to a new participant, press **Options** and select *New call*.
3. Key in, or retrieve from the memory, the phone number of the new participant and press **Call**. The first call is put on hold.
4. When the new call has been answered, join the first participant in the conference call. Press **Options** and select *Conference*.
5. To add a new participant to the call, repeat steps 2 to 4.
6. To have a private conversation with one of the participants:

   Press **Options** and select *Private* and select the desired participant. To rejoin the conference call, press **Options** and select *Conference*.
7. To end the conference call, press 🔴.

■ Answering or rejecting an incoming call

Press 🟢 to answer the incoming call and press 🔴 to end the call.

Press 🔴 to reject the incoming call.

If you press **Silence**, only the ringing tone is muted. Then you can either answer or reject the call.

If a compatible headset is connected to the phone, you can answer and end a call by pressing the headset key.

Tip: If the *Divert if busy* function is activated to divert the calls, for example to your voice mailbox, rejecting an incoming call will also divert the call. See Call divert on page 86.

Note that when somebody is calling you, the phone shows the caller's name, phone number or the text *Private number* or *Call*. If more than one name is found in the phone book with the same phone number as the caller's number, only the phone number will be displayed, if this is available.

Call waiting

During a call, press to answer the waiting call. The first call is put on hold. Press to end the active call. Call waiting is a network service.

To activate the *Call waiting* function, see Call waiting on page 88.

■ Options during a call

Many of the options that you can use during a call, are network services. Press **Options** during a call for some of the following options:

Mute or *Unmute*, *End call*, *End all calls*, *Contacts*, *Menu* and *Hold* or *Unhold*, *New call*, *Conference*, *Private*, *Answer* and *Reject*.

Lock keypad to activate the keypad lock.

Send DTMF to send DTMF tone strings, for example, passwords or bank account numbers. Key in the DTMF string or search for it in the phone book and press **OK**. Note that you can key in the wait character w and the pause character p by repeatedly pressing .

Swap to switch between the active call and the call on hold, *Transfer* to connect a call on hold to an active call, and disconnect yourself from the calls.

5. Writing text

You can key in text, for example when writing messages, using the traditional or predictive text input.

When you are writing text, the predictive text input is indicated by ▰▰▰ and the traditional text input by ▰▰ at the top left of the display. The character case is indicated by **Abc** **abc** or **ABC** next to the text input indicator. You can change the character case by pressing ♯. The number mode is indicated by **123**, and you can change between the letter and number mode by pressing and holding ♯.

■ Setting predictive text input on or off

When writing text, press **Options** and select *Dictionary*.

- To set the predictive text input on, select a language in the dictionary options list. Predictive text input is only available for the languages on the list.
- To change back to the traditional text input, select *Dictionary off*.

  Tip: To quickly set the predictive text input on or off when writing text, press ♯ twice, or press and hold **Options**.

■ Using predictive text input

You can key in any letter with a single keypress. The predictive text input is based on a built-in dictionary to which you can also add new words.

1. Start writing a word by using the keys to . Press each key only once for one letter. The word changes after each keystroke.

> **Example:** To write **Nokia** when the English dictionary is selected, press once for N, once for o, once for k, once for i and once for a:

abc	abc	abc	abc	abc
O,	On,	Onl,	Onli,	Nokia,

To insert a number while in letter mode, press and hold the desired number key.

More instructions for writing text, see Tips for writing text on page 46.

2. When you have finished writing the word and it is correct, confirm it by adding a space with 0 or by pressing the scroll key on any direction. Pressing the scroll key also moves the cursor.

If the word is not correct,

press * repeatedly or press **Options** and select *Matches*. When the word you want appears, confirm it.

If the ? character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, press **Spell**, key in the word (traditional text input is used) and press **Save**. When the dictionary becomes full, the new word replaces the oldest one that was added.

3. Start writing the next word.

Writing compound words

Key in the first part of the word and confirm it by pressing ⊗. Write the last part of the word and confirm the word.

■ Using traditional text input

Press a number key, 🔢 to 🔢, repeatedly until the desired character appears. Not all characters available under a number key are printed on the key. The characters available depend on the language selected in the *Language* menu, see Language on page 89.

To insert a number while in letter mode, press and hold the desired number key.

- If the next letter you want is located on the same key as the present one, wait until the cursor appears, or press the scroll key on any direction and then key in the letter.

- The most common punctuation marks and special characters are available under the number key 🔢 .

More instructions for writing text, see Tips for writing text on page 46.

■ Tips for writing text

The following functions may also be available for writing text:

- To insert a space, press 🔢 .
- To move the cursor to the left, right, down or up, press ⊗, ⊗, ⊗ or ⊗ on the scroll key, respectively.

- To delete a character to the left of the cursor, press **Clear**. Press and hold **Clear** to delete the characters more quickly.

  To delete all the characters at once when writing a message, press **Options** and select *Clear text*.

- To insert a word when using the predictive text input, press **Options** and select *Insert word*. Write the word using the traditional text input and press **Save**. The word is also added to the dictionary.

- To insert a special character when using the traditional text input, press $\ast$, or when using the predictive text input, press and hold $\ast$, or press **Options** and select *Insert symbol*.

  Use the scroll key to scroll to a character and press **Use** to select the character.

  You can also scroll to a character by pressing 2_{ABC}, 4_{GHI}, 6_{MNO} or 8_{TUV}, and select the character by pressing 5_{JKL}.

The following options are available when writing text messages:

- To insert a number while in letter mode, press **Options** and select *Insert number*. Key in the phone number or search for it in the phone book and press **OK**.

- To insert a contact's name from the phone book, press **Options** and select *Insert contact*. To insert a phone number or a text item attached to the name, press **Options** and select *View details*.

6. Phone book (Contacts)

You can save your contacts in the phone's memory (internal phone book) and in the SIM card's memory (SIM phone book).

- The internal phone book may save up to 200 contacts with names, numbers and text notes for each contact. The number of contacts that can be saved depends on the length of the names, and the number and length of phone numbers and text items.

  The phone book uses shared memory, see Shared memory on page 15.

- The phone supports SIM cards that can save up to 250contacts. Contacts saved in the SIM card's memory are indicated by ▢.

■ Selecting the phone book settings

Press **Contacts** (or press **Go to** and select *Contacts*) and select *Settings*. Select

- *Memory in use* to select the phone book you want to use. To recall contacts from both phone books, select *Phone and SIM*. If *Phone and SIM* is selected, new contacts will be saved in the phone's memory.
- *Contacts view* to select how the names (and numbers) in the phone book are displayed.
- *Memory status* to see how many contacts are currently saved and how many can still be saved in the selected phone book.

■ Saving names and phone numbers (Add contact)

Contacts will be saved in the used memory, see Selecting the phone book settings above.

1. Press **Contacts** (or press **Go to** and select *Contacts*) and select *Add contact*.
2. Key in the name and press **OK**. See Using traditional text input on page 46.
3. Key in the phone number, and press **OK**.
4. When the name and number are saved, press **Done**.

Tip: Quick save In standby mode, key in the phone number. Press **Options**, and select *Save*. Key in the name, press **OK** and **Done**.

Saving multiple numbers and text items per name

You can save different types of phone numbers and short text items per contact in the phone's internal phone book.

The first number saved is automatically set as the default number and it is indicated with a frame around the number type indicator, for example 📞. When you select a name from the phone book, for example to make a call, the default number is used unless you select another number.

1. Make sure that the memory in use is either *Phone* or *Phone and SIM*. See Selecting the phone book settings on page 48.
2. To access the list of contacts, press 🎮 or 🎮 in standby mode.
3. Scroll to the contact saved in the phone's internal phone book to which you want to add a new number or text item, and press **Details**.

4. Press **Options** and select *Add number* or *Add detail*.

5. Select one of the following number types 🕿 *General*, 📱 *Mobile*, 🏠 *Home*, 🏭 *Office* and 🖨 *Fax*,

   or text types 🔘 *E-mail address*, 🌐 *Web address*, ✉ *Postal address* and 📝 *Note*.

   To change the number or text type, select *Change type* in the options list.

6. Key in the number or text item and press **OK** to save it.

7. Press **Back** and then **Exit** to return to standby mode.

Changing the default number
Press 🕹 or 🕹 in standby mode, scroll to the contact you want and press **Details**. Scroll to the number you want to set as the default number. Press **Options** and select *Set as default*.

■ Searching for a contact in the phone book

1. Press **Contacts** (or press **Go to** and select *Contacts*) and select *Search*.

2. You can key in the first characters of the contact's name you are searching for in the search field.

   Press 🕹 and 🕹 to scroll through the contacts in the list, and 🕹 and 🕹 to move the cursor in the search field.

3. Scroll to the contact you want, and press **Details**. Scroll to view the details of the selected contact.

Tip: To quickly find a contact, press ⊗ or ⊗ in standby mode. Key in the first letter(s) of the name, and/or scroll to the contact you want.

Tip: To quickly view a specific name with the default phone number, press and hold ⚊ at the name while scrolling through the names.

■ Editing a contact

Search for the contact you want to edit and press **Details**. Scroll to the name, number or text item you want to edit, and press **Options**. Select *Edit name*, *Edit number*, or *Edit detail*, and edit the name, number, or text and press **OK**.

■ Deleting contacts

Press **Contacts** (or press **Go to** and select *Contacts*) and select *Delete*.

- To delete contacts one by one, select *One by one* and scroll to the contact you want to delete. Press **Delete** and press **OK** to confirm.

- To delete contacts in the phone book all at once, select *Delete all* and then scroll to the phone book, *Phone* or *SIM card* and press **Delete**. Press **OK** and confirm with the security code.

■ Copying phone books

You can copy contacts from the phone's memory to your SIM card's memory and vice versa.

1. Press **Contacts** (or press **Go to** and select *Contacts*) and select *Copy*.

2. Select the copying direction, *From phone to SIM card* or *From SIM card to phone*.

3. Select *One by one*, *All* or *Default numbers*.

   - If you select *One by one*, scroll to the contact you want to copy and press **Copy**.

   Default numbers is shown if you copy from the phone to the SIM card. Only the default numbers will be copied.

4. To choose whether you want to keep or delete the original contacts, select *Keep original* or *Move original*.

   - If you select *All* or *Default numbers*, press **OK** when *Start copying?* or *Start moving?* is displayed.

■ Sending and receiving a business card

You can send and receive a person's contact information as a business card as an Over The Air (OTA) message (network service).

Receiving a business card

When you have received a business card as an OTA message, press **Show**. Press **Save** to save the business card in the phone's memory. To discard the business card, press **Exit** and then **OK**.

Sending a business card

You can send a business card as an OTA message to a compatible phone which supports the vCard standard.

1. Search for the contact you want to send from the phone book, press **Details** and **Options** and select *Send bus. card*.
2. To send the business card as an OTA message, select *Via text message*.

■ Speed dials

To assign a number to a speed dialling key, press **Contacts** (or press **Go to** and select *Contacts*), select *Speed dials* and scroll to the speed dialling key number you want. 1 is reserved for your voice mailbox number.

Press **Assign**, press **Search**, and select first the contact and then the number you want to assign. If a number has already been assigned to the key, press **Options**, and you can view, change or delete the assigned number. If the *Speed dialling* function is off, the phone asks whether you want to activate it. Press **Yes** to activate the function. See Speed dialling on page 87.

To make a call by using the speed dialling keys, see Speed dialling a phone number on page 41.

■ Voice dialling

You can dial a phone number by saying one or more words ('voice tag') attached to it. The voice tag can be, for example, a name.

Voice dialling cannot be used while the phone is sending or receiving data over a GPRS connection.

Voice tags are saved in the phone. All the voice tags are deleted if you insert another SIM card into the phone and save new voice tags.

Notes for using voice dialling

Before using voice dialling, note that:

- Voice tags are not language dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to background noise. Record them and make calls in a quiet environment.
- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near to your ear.
- Very short names are not accepted. Use long names and avoid similar names for different numbers.

Note: You must say the name exactly as you said it when you recorded it. This may be difficult in, for example, a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

Recording a voice tag

Press 🔾 or 🔾 in standby mode, scroll to the desired name, and press **Details**. Press **Options** and select *Add voice tag*. Press **Start** and clearly say the word(s) you want to record as the voice tag.

Making a call using a voice tag

Press and hold the right selection key ⌀ in standby mode until you hear a short tone. Say the voice tag clearly while holding the phone in the normal position near to your ear. The phone plays the voice tag and dials the related phone number.

If no match for the voice tag is found or recognised, the phone returns to standby mode.

If you use a compatible headset, press and hold the headset button until you hear a short tone and say the voice tag clearly.

Playing, changing or deleting a voice tag

In standby mode, press **Contacts** (or press **Go to** and select *Contacts*) and select *Voice tags*. Select the desired name or phone number, press **Options** and the function you want.

■ Info numbers

You can call the information numbers of your service provider if the numbers are included in your SIM card. For availability, contact your network operator or service provider.

Press **Contacts** (or press **Go to** and select *Contacts*) and select *Info numbers*. Scroll through a category to an information number and press ☏ to call the number.

■ Service numbers

You can call the service numbers of your service provider if the numbers are included in your SIM card.

Press **Contacts** (or press **Go to** and select *Contacts*) and select *Service numbers*. Scroll to a service number and press ☏ to call the number.

■ My numbers

The phone numbers assigned to your SIM card are saved in *My numbers* if this is allowed by the card. To view the numbers press **Contacts** (or press **Go to** and select *Contacts*) and select *My numbers*. Scroll to the desired name or number, and press **View**.

■ Caller groups

You can arrange the contacts saved in the phone book into caller groups. For each caller group, you can set the phone to sound a specific ringing tone and show a selected graphic on the display when you receive a call from a phone number in the group. To set the phone to ring only upon calls from phone numbers belonging to a selected caller group, see *Alert for* in Tone settings on page 94.

Press **Contacts** (or press **Go to** and select *Contacts*), and select *Caller groups* and select the desired caller group. Select

- *Group name*, key in a new name for the caller group and press **OK**.

- *Group ringing tone* and select the ringing tone for the group. *Default* is the ringing tone selected for the currently active profile.

- *Group logo* and select *On* to set the phone to display the group logo, *Off* not to display it, or *View* to view the logo.

- *Group members* to add a contact to the caller group, press **Options** and select *Add contact*. Scroll to the contact you want to add to the group and press **Add**.

  To remove a contact from a caller group, scroll to the contact you want to remove, and press **Options** and select *Remove contact*.

7. Using the menu

The phone offers you an extensive range of functions which are grouped in menus. Most of the menu functions are provided with a brief help text. To view the help text, scroll to the menu function you want and wait for 15 seconds. To exit the help text, press **Back**. See Help text activation on page 90.

■ Accessing a menu function

By scrolling

1. To access the menu, press **Menu**.
2. Scroll with 🔘 or 🔘 through the menu and select, for example, *Settings* by pressing **Select**.
3. If the menu contains submenus, select the one you want, for example *Call settings*.
4. If the selected submenu contains further submenus, repeat step 3. Select the next submenu, for example *Anykey answer*.
5. Select the setting of your choice.
6. Press **Back** to return to the previous menu level, and **Exit** to exit the menu.

By shortcut

The menus, submenus and setting options are numbered and you can access most of them by using their shortcut number.

- To access the menu, press **Menu**. Key in quickly, within two seconds, the index number of the menu function you want to access.

  Example: To set the *Anykey answer On*, press **Menu**, **4**, **2**, **2** and **1**. Press **Back** to return to the previous menu level, and **Exit** to exit the menu.

Note that for accessing the menu functions in menu 1, press **Menu** and key in the digits 0 and 1. Then key in the rest of the digits of the desired shortcut number.

■ List of menu functions

1. Messages

  1. Text messages
    1. Create message
    2. Inbox
    3. Create SMS e-mail
    4. Sent items
    5. Archive
    6. Templates
    7. My folders
    8. Delete messages

  2. Multimedia msgs.
    1. Create message
    2. Inbox
    3. Outbox
    4. Sent items
    5. Saved items
    6. Delete messages

  3. Chat

  4. Voice messages
    1. Listen to voice messages
    2. Voice mailbox number

  5. Info messages
    1. Info service
    2. Topics
    3. Language
    4. Info topics saved on SIM card
    5. Read[1]

  6. Message settings
    1. Text messages
    2. Multimedia msgs.
    3. Other settings

  7. Service commands

2. Call register

  1. Missed calls

  2. Received calls

  3. Dialled numbers

  4. Delete recent call lists
    1. All
    2. Missed
    3. Received
    4. Dialled

  5. Call duration
    1. Last call duration
    2. Received calls' duration
    3. Dialled calls' duration
    4. All calls' duration
    5. Clear timers

---

1. This menu is shown only if any info messages are received.

6. Call costs
   1. Last call units
   2. All calls' units
   3. Call cost settings
7. GPRS data counter
   1. Data sent in last session
   2. Data received in last session
   3. All sent data
   4. All received data
   5. Clear counters
8. GPRS connection timer
   1. Duration of last session
   2. Duration of all sessions
   3. Clear timers

3. Contacts

1. Search
2. Add contact
3. Delete
4. Copy
5. Settings
   1. Memory in use
   2. Contacts view
   3. Memory status
6. Speed dials
7. Voice tags
8. Info numbers

9. Service numbers
10. My numbers
11. Caller groups

4. Profiles

1. General
   1. Activate
   2. Customize
   3. Timed
2. Silent (same submenus as in General)
3. Meeting (same submenus as in General)
4. Outdoor (same submenus as in General)
5. Pager (same submenus as in General)

5. Settings

1. Personal shortcuts

   1. Right selection key
   2. Select options
   3. Organise
2. Time and date settings
   1. Clock

2. Date
3. Auto-update of date & time
3. Call settings
1. Call divert
2. Anykey answer
3. Automatic redial
4. Speed dialling
5. Call waiting
6. Summary after call
7. Send my caller identity
8. Line for outgoing calls[1]
4. Phone settings
1. Language
2. Automatic keyguard
3. Cell info display
4. Welcome note
5. Network selection
6. Confirm SIM service actions
7. Help text activation
8. Start-up tone
5. Music settings
1. Equaliser
2. Balance
3. Loudness

4. Stereo widening
5. Restore default music settings
6. Display settings
1. Wallpaper
2. Colour schemes
3. Operator logo
4. Screen saver timeout
5. Display brightness
7. Tone settings
1. Incoming call alert
2. Ringing tone
3. Ringing volume
4. Vibrating alert
5. Message alert tone
6. Keypad tones
7. Warning tones
8. Alert for
8. Accessory settings[2]
1. Headset
2. Loopset
9. Security settings
1. PIN code request
2. Call barring service
3. Fixed dialling

1. For availability, contact your network operator or service provider.
2. This menu is shown only if the phone is or has been connected to a headset or loopset available for the phone.

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4. Closed user group
        5. Security level
        6. Access codes
    10.Restore factory settings

6. **Alarm clock**

7. **Music**
    1. Music player
    2. Radio
    3. Recorder
    4. Music settings

8. **Gallery**
    1. View folders
        1. Graphics
        2. Tones
    2. Add folder
    3. Delete folder
    4. Rename folder
    5. Gallery downloads
        1. Image downloads
        2. Tone downloads

9. **Organiser**
    1. Calendar
    2. To-do list

10.**Games**
    1. Select game
    2. Game downloads
    3. Memory
    4. Settings
        1. Game sounds
        2. Game lights
        3. Shakes

11. **Applications**
    1. Select application
    2. App. downloads
    3. Memory

12. **Extras**
    1. Voice commands
    2. Calculator
    3. Countdown timer
    4. Stopwatch
    5. Backup & restore
    6. Memory card

13. **Services**
    1. Home
    2. Bookmarks
    3. Download links

1. Only shown if supported by your SIM card. The name and contents vary depending on the SIM card

8. Menu functions

■ Messages (Menu 1)

You can read, write, send and save text, multimedia, and e-mail messages. All messages are organised into folders. Text, multimedia, and e-mail messaging are network services.

Before you can send any text, picture, or e-mail message, you need to save your message centre number, see Message settings on page 77.

Note: When sending messages or e-mails via the SMS network service, your phone may display the words *Message sent*. This is an indication that the message or e-mail has been sent by your phone to the message centre or e-mail server number programmed into your phone. This is not an indication that the message or e-mail has been received at the intended destination. For more details about SMS services, check with your service provider.

Text messages

Your phone supports sending and receiving multi-part messages, which consist of several ordinary text messages (network service). Invoicing is based on the number of ordinary messages that are required for a multi-part message.

You can also send and receive text messages that contain pictures. Each picture message is made up of several text messages. Therefore, sending one picture message may cost more than sending one text message.

Note: Picture message function can be used only if it is supported by your network operator or service provider. Only phones that offer picture message features can receive and display picture messages.

The text messages function uses shared memory, see Shared memory on page 15.

Writing and sending messages

The number of available characters and the current part number of a multi-part message are shown on the top right of the display. For example, 10/2 indicates that you can still add 10 characters for the text to be sent as two messages.

1. Press **Menu**, and select *Messages*, *Text messages* and *Create message*.

   Tip: To quickly open the message editor, press ⊗ in standby mode.

2. Key in a message. See Writing text on page 44. To insert text templates or a picture into the message, see Templates on page 68.

3. To send the message, press **Options** and select *Send*.

4. Enter the recipient's phone number or search for the phone number in the phone book.

   Press **OK** to send the message.

Options for sending a message

After you have written a message, press **Options** and select *Sending options*.

- To send a message to several recipients, select *Send to many*. When you have sent the message to everyone you want to send it to, press **Done**.

- To send a message using a message profile, select *Sending profile* and then the desired message profile.

  To define a message profile, see Message settings on page 77.

Writing and sending e-mail

Before you can send e-mail via SMS (network service), you need to save the settings for sending e-mail, see Message settings on page 77. To save an e-mail address in the phone book, see Saving multiple numbers and text items per name on page 49.

1. Press **Menu**, and select *Messages*, *Text messages* and *Create SMS e-mail*.

2. Key in the recipient's e-mail address or search for it in the phone book and press **OK**.

3. If you wish, you can key in the subject for the e-mail and press **OK**.

4. Key in the e-mail message. See Writing text on page 44. The total number of characters that you can key in is shown on the top right of the display. The e-mail address and subject are included in the total number of characters.

  See also Inserting a text template into a message or into an e-mail on page 68. Pictures cannot be inserted.

5. To send the e-mail, press **Options** and select *Send e-mail*. If you have not saved the settings for sending e-mails, the phone asks for the number of the e-mail server.

  Press **OK** to send the e-mail.

Reading and replying to a text message or an e-mail

When you have received a text message or an e-mail, the indicator ☒ and the number of new messages followed by *... messages received* is shown.

The blinking ☒ indicates that the message memory is full. Before you can receive new messages, delete some of your old messages in the *Inbox* folder.

1. Press **Show** to view the new message, or press **Exit** to view it later.

   Reading the message later:

   Press **Menu**, and select *Messages*, *Text messages* and *Inbox*.

2. If more than one message has been received, select the one that you want to read. An unread text message is indicated by ☒ in front of it and a picture message that has not been viewed is indicated by ☐.

3. While reading or viewing the message, press **Options**.

   You can select an option, for example, to delete, forward or edit the message as a text message or an e-mail, move and rename the message you are reading. Note that copyright protection may prevent some images, ringing tones and other content from being copied, modified, transferred or forwarded.

   Select *Copy to calendar* to copy text at the beginning of the message to your phone's calendar as a reminder note for the current day.

   Select *Message details* to view the sender's name and phone number, the message centre used, and the date and time of receipt.

   Select *Use detail* to extract numbers, e-mail addresses and website addresses from the current message.

When reading a picture message, select *Save picture* to save the picture in the *Templates* folder.

4. Select *Reply* to reply to a message. Select *Original text* to include the original message in the reply, or select a standard answer to be included in the reply, or select *Empty screen*.

   When replying to an e-mail, confirm or edit the e-mail address and subject first. Then write your reply message.

5. Press **Options**, select *Send*, and press **OK** to send the message to the displayed number.

Inbox and outbox folders

The phone saves incoming text messages in the *Inbox* folder and sent messages in the *Sent items* folder of the *Text messages* submenu.

Text messages that you wish to send later can be saved in the *Archive*, *My folders* or *Templates* folder.

Templates

Your phone includes text templates, indicated by 🔲, and picture templates, indicated by 🔲.

To access the template list, press **Menu**, and select *Messages*, *Text messages* and *Templates*.

Inserting a text template into a message or into an e-mail

- When you are writing or replying to a message or an e-mail, press **Options**. Select *Use template* and select the template that you want to insert.

Inserting a picture into a text message

- When you are writing or replying to a message, press **Options**. Select *Insert picture* and select a picture to view it. Press **Insert** to insert the picture into your message. The ▣ indicator in the header of the message indicates that a picture has been attached. The number of characters that you can enter in a message, depends on the size of the picture.

  To view the text and the picture together before sending the message, press **Options** and select *Preview*.

Archive folder and my folders

To organise your messages, you can move some of them to the *Archive* folder, or add new folders for your messages.

While reading a message, press **Options**. Select *Move*, scroll to the folder that you want to move the message to and press **Select**.

To add or delete a folder, press **Menu**, and select *Messages*, *Text messages* and *My folders*.

- To add a folder, press **Options** and select *Add folder*.
- To delete a folder, scroll to the folder that you want to delete, press **Options** and select *Delete folder*.

Multimedia messages

Note: This function can be used only if it is supported by your network operator or service provider. Only phones that offer multimedia message features can receive and display multimedia messages.

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A multimedia message can contain text, picture and sound. Your phone can receive but not send multimedia messages that contain sound. The phone supports multimedia messages that are up to 45 KB in size. If the maximum size is exceeded, the phone may not be able to receive the message. Depending on the network, you may receive a text message that includes an Internet address where you can view the multimedia message.

If the message contains a picture, the phone scales it down to fit the display area.

Note: If *Allow multimedia reception* is set to *Yes* or *In home network*, your operator or service provider may charge you for every message you receive.

Multimedia messaging supports the following formats:

- Picture: JPEG, GIF, PNG, and BMP.
- Sound: MIDI, Scalable Polyphonic MIDI (SP-MIDI), monophonic ringing tones (RGN) and WB-AMR.

If a received message contains any unsupported elements, they may be replaced with the file name and the text *Object format not supported*.

Note that you are not able to receive any multimedia messages if you have a call in progress, a game or another Java application running, or an active WAP connection over GSM data (see Keying in the service settings manually on page 126). Because delivery of multimedia messages can fail for a variety of reasons, do not rely solely upon them for essential communications.

The multimedia message function uses shared memory, see Shared memory on page 15.

Writing and sending a multimedia message

To set the settings for multimedia messaging (network service), see Settings for multimedia messages on page 78.

1. Press **Menu**, and select *Messages*, *Multimedia msgs.* and *Create message*.

2. Key in a message. See Writing text on page 44.

   You can insert one picture in a multimedia message. To insert a picture, press **Options**, and select *Insert image*. The list of available folders in the *Gallery* is shown. Open a specific folder, scroll to the desired picture, press **Options** and select *Insert*. The ▣ indicator in the header of the message indicates that a picture has been attached.

   Note that copyright protection may prevent some images, ringing tones and other content from being copied, modified, transferred or forwarded.

   To insert a contact's name from the phone book, press **Options**, select *More options* and *Insert contact*. Scroll to the desired contact, press **Options** and select *Insert contact*.

   To insert a number, press **Options**, select *More options* and *Insert number*. Key in the number or search for it in the phone book, and press **OK**.

3. To view the message before sending it, press **Options** and select *Preview*.

4. To send the message, press **Options** and select *Send to number* (or *Send to e-mail*).

5. Enter the recipient's phone number (or e-mail address) or search for it in the phone book. Press **OK** and the message is moved to the *Outbox* folder for sending.

It may take more time to send a multimedia message than to send a text message. While the multimedia message is being sent, the animated indicator ⟨☰ is displayed and you can use other functions on the phone. If there is an interruption while the message is being sent, the phone tries to resend it a few times. If this fails, the message will remain in the *Outbox* folder and you can try to resend it later.

The messages that you have sent will be saved in the *Sent items* folder if the setting *Save sent messages* is set to *Yes*. See Settings for multimedia messages on page 78.

Reading and replying to a multimedia message
When your phone is receiving a multimedia message, the animated indicator ⟨☰ is displayed. When the message has been received, the indicator ⟨☰ and the text *Multimedia message received* are shown.

The blinking ⟨☰ indicates that the memory for multimedia messages is full, see Multimedia messages memory full on page 74.

1. Press **Show** to view the message, or press **Exit** to view it later.

   Reading the message later: Press **Menu**, and select *Messages*, *Multimedia msgs.* and *Inbox*.

2. If more than one message has been received, select the one that you want to read. Press **Options** and some of the following options may be available.

   • *Delete message* to delete the message.

- *Reply* to reply to the message. To send the reply, press **Options** and select *Send*. The sender's phone number (or e-mail address) is used as the default value.

- *Forward to no.* or *Forward to e-mail* to forward the message to a phone number or e-mail address.

- *Edit* to edit a message. You can only edit messages you have written. See Writing and sending a multimedia message on page 71.

- *Message details* to view the subject, size and class of the message.

- *Details* to view the details of the attached image or sound.

- *Play* to listen to the ringing tone that is contained in the message.

- *Save sound clip* to save the ringing tone in the *Gallery*.

- *Save image* to save the picture in the *Gallery*.

Note that copyright protections may prevent some images, ringing tones and other content from being copied, modified, transferred or forwarded.

Inbox, Outbox, Saved and Sent items folders

The phone saves the multimedia messages that have been received in the *Inbox* folder of the *Multimedia msgs.* submenu.

Multimedia messages that not yet been sent are moved to the *Outbox* folder of the *Multimedia msgs.* submenu.

The multimedia messages that you wish to send later, can be saved in the *Saved items* folder of the *Multimedia msgs.* submenu.

The multimedia messages that have been sent are saved in the *Sent items* folder of the *Multimedia msgs.* submenu if the setting *Save sent messages* is set to *Yes*. See Settings for multimedia messages on p. 78.

Multimedia messages memory full

When you have a new multimedia message waiting and the memory for the messages is full, the indicator 🖃 blinks and *Multimedia memory full, view waiting msg.* is shown. To view the waiting message, press **Show**. To save the message, press **Options**, select *Save message* and delete old messages by first selecting the folder and then an old message to be deleted.

To discard the waiting message, press **Exit** and **Yes**. If you press **No**, you can view the message.

Deleting messages

1. To delete text messages, press **Menu**, and select *Messages*, *Text messages* and *Delete messages*.

   To delete multimedia messages, press **Menu**, and select *Messages*, *Multimedia msgs.* and *Delete messages*.

2. To delete all messages from a folder, select the folder where you want to delete the messages and press **OK**. If the folder contains unread messages, the phone will ask whether you want to delete them also.

   To delete all messages from all text message folders, select *All messages* and when *Delete all messages from all folders?* is displayed, press **OK**. If the folders

contain unread messages, the phone will ask whether you want to delete them also.

Chat

You can have a conversation with another person using this faster text messaging application (network service). You cannot save received or sent messages, but you can view them while chatting. Each chat message is sent as a separate text message.

1. To start a chat, press **Menu**, select *Messages* and *Chat*. Key in or search the phone book for the phone number of the person with whom you want to start a chat session and press **OK**.

   Another way to start a chat: When you have received a message, press **Show** to read it. To start a chat, press **Options** and select *Chat*.

2. Key in your nickname for the chat and press **OK**.

3. Write your chat message, see Writing text on page 44.

4. To send the message, press **Options** and select *Send*.

5. The reply message from the other person is shown above your original message.

   To reply to the message, press **OK** and repeat steps 3 and 4.

6. To end the chat session, press **Options** and select *Quit*.

To view the most recent messages of the current chat session, press **Options** and select *Chat history*. The messages that you sent are indicated by "<" and your nickname and the messages that you received are indicated by ">", and the

sender's nickname. Press **Back** to return to the message you are currently writing. To edit your nickname, select the option *Chat name*.

Voice messages

Voice mailbox is a network service and you may need to subscribe to it.

Press **Menu**, and select *Messages* and *Voice messages*. Select

- *Listen to voice messages* to call your voice mailbox at the phone number that you have saved in the *Voice mailbox number* menu.

  Each phone line may have its own voice mailbox number, see Line for outgoing calls on page 88.

- *Voice mailbox number* to key in, search for or edit your voice mailbox number and press **OK** to save it.

If supported by the network, the indicator ☐☐ will be shown if you have received new voice messages. Press **Listen** to call your voice mailbox number.

☀️ **Tip:** Pressing and holding ⬛ calls your voice mailbox if you have saved the voice mailbox number.

Info messages

With the info message network service you can receive messages on various topics from your service provider. These services may include topics on, for example, weather or traffic conditions. For available topics and the relevant topic numbers, contact your service provider.

Message settings

The message settings affect the sending, receiving and viewing of messages.

Settings for text and e-mail messages

1. Press **Menu**, and select *Messages*, *Message settings*, *Text messages* and *Sending profile*.

2. If more than one message profile set is supported by your SIM card, select the set you want to change.

   - Select *Message centre number* to save the phone number of the message centre that is required for sending text messages. You can receive this number from your service provider.

   - Select *Messages sent as* to select the message type *Text*, *E-mail*, *Paging* or *Fax*.

   - Select *Message validity* to select the length of time for which the network should attempt to deliver your message.

   - For message type *Text*, select *Default recipient number* to save a default number for sending messages for this profile.

     For message type *E-mail*, select *E-mail server* to save the e-mail server number.

   - Select *Delivery reports* to ask the network to send delivery reports for your messages (network service).

   - Select *Use GPRS* to set GPRS as the preferred SMS bearer where available.

- Select *Reply via same centre* to allow the recipient of your message to send you a reply via your message centre (network service).

- Select *Rename sending profile* to change the name of the selected message profile. The message profile sets are only displayed if your SIM card supports more than one set.

Overwrite settings

When the text message memory is full, the phone cannot receive or send any new messages. However, you can set the phone to automatically replace old text messages in the *Inbox* and *Sent items* folders with the new ones.

Press **Menu**, and select *Messages*, *Message settings*, *Text messages* and *Overwriting in inbox* or *Overwriting in sent items*. Select *Allowed* to set the phone to replace the old text messages with new ones in the *Inbox* or the *Sent items* folder, respectively.

Settings for multimedia messages

Press **Menu**, and select *Messages*, *Message settings* and *Multimedia msgs.*. Select

- *Save sent messages*. Select *Yes* to set the phone to save sent multimedia messages in the *Sent items* folder. If you select *No*, the sent messages are not saved.

- *Allow multimedia reception*. Choose *No* if you do not wish to use multimedia service, and *Yes* or *In home network* to use multimedia service. If you choose *In home network*, you can only receive multimedia messages when inside your home network.

- *Incoming multimedia messages* (shown only if you have allowed multimedia reception above). Select *Retrieve* to set the phone to automatically fetch newly received multimedia messages. Select *Reject* to reject multimedia messages and have the messaging centre delete the messages.

- *Connection settings*. Define WAP connection settings for retrieving multimedia messages. Activate the set where you want to save the connection settings and then edit the settings. Contact your network operator or service provider for more information.

  - *Settings' name*. Key in the new name for the connection set and press **OK**.

  - *Homepage*. Key in the homepage address of the WAP service that you want to use, press $\underset{\text{\tiny □□}}{1}$ for a dot, and press **OK**.

  - *Session mode*. Select *Permanent* or *Temporary*.

  - *Data bearer*. Select *GPRS*.

  - *GPRS access point*. Key in the access point name and press **OK**. An access point name is needed to establish a connection to a GPRS network. You obtain the access point name from your network operator or service provider.

  - *IP address*. Key in the address, press $\underset{\text{\tiny +}}{*}$ for a dot, and press **OK**. You obtain the IP address from your network operator or service provider.

  - *Authentication type*. Select *Secure* or *Normal*.

  - *User name*. Key in the user name and press **OK**.

  - *Password*. Key in the password and press **OK**.

- *Allow adverts*. You can allow or deny advertisments to be sent to you via MMS advertisement services.

To receive the multimedia connection settings as a text message

You may receive the service settings as a text message from the network operator or service provider that offers the WAP service that you want to use (network service). For more information, contact your network operator or service provider. You can also visit Club Nokia's website (www.club.nokia.com), availability may vary by country.

Font size setting
To select the font size for reading and writing messages, press **Menu**, and select *Messages*, *Message settings*, *Other settings* and *Font size*.

Service commands

Service commands are network services. Press **Menu**, and select *Messages* and *Service commands*. Key in and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider.

■ Call register (Menu 2)
The phone registers the phone numbers of missed, received and dialled calls, and the approximate length and cost of your calls.

The phone registers missed and received calls only if the network supports these functions, the phone is switched on and within the network's service area.

When you press **Options** in the *Missed calls*, *Received calls* and *Dialled numbers* menu, you can, for example, view the date and the time of the call, edit or delete the phone number from the list, save the number in the phone book, or send a message to the number.

Recent calls lists

Press **Menu**, and select *Call register* and then select

- *Missed calls* to view the list of the last ten phone numbers from which somebody has tried to call you (network service). The number in front of the (name or) phone number indicates the amount of call attempts from that caller.

  ☀ **Tip:** When a note about missed calls is being displayed, press **List** to access the list of phone numbers. Scroll to the number you would like to call back and press 📞.

- *Received calls* to view the list of the last ten phone numbers from which you have most recently accepted calls (network service).

- *Dialled numbers* to view the list of the 20 phone numbers that you have most recently called or attempted to call. See also Last number redialling on page 41.

- *Delete recent call lists* to delete the recent calls lists. Select whether you want to delete all the phone numbers in the recent call lists, or only those numbers

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in the missed calls, received calls or dialled numbers lists. You cannot undo the operation.

Call counters and call timers

Note: The actual invoice for calls and services from your service provider may vary, depending upon network features, rounding-off for billing, taxes and so forth.

Press **Menu**, and select *Call register* and then select

- *Call duration*, scroll to view the approximate duration of your incoming and outgoing calls in hours, minutes and seconds. To clear the timers, the security code is needed.

  Each phone line has its own call timers and the timers of the selected line are displayed. See Line for outgoing calls on page 88.

- *Call costs* (network service). Select *Last call units* or *All calls' units* to check the cost of your last call or all calls in terms of units specified within the *Show costs in* function.

  Select *Call cost settings* and select *Clear counters* to clear the counters, or select *Show costs in* to set the phone to show the remaining talk time in terms of charging units, *Units*, or units of currency, *Currency*. Contact your service provider for charging unit prices.

  Select *Call cost limit* to limit the cost of your calls to a certain amount of charging units or units of currency. The PIN2 code is needed for the call cost settings.

> **Note:** When no more charging units or currency units are left, calls may only be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number).

- *GPRS data counter* and scroll to check the amounts of sent and received data in last session, data sent and received in total, and to clear the counters. The counters unit is a byte. To clear the counters, the security code is needed.

- *GPRS connection timer* scroll to check the duration of the last GPRS connection or the total GPRS connection. You can also clear the timers. To clear the timers, the security code is needed.

■ Contacts (Menu 3)

The functions in this menu can also be accessed in standby mode by pressing **Contacts** or by first pressing **Go to** and then selecting *Contacts*.

See Phone book (Contacts) on page 48 for more information.

■ Profiles (Menu 4)

Your phone has various setting groups, profiles, for which you can customise the phone tones for different events and environments. At first, personalise the profiles to your liking and then you only need to activate a profile to use it. Available profiles are *General*, *Silent*, *Meeting*, *Outdoor*, and *Pager*.

Press **Menu**, and select *Profiles*. Scroll to a profile and press **Select**.

- To activate the selected profile, select *Activate*.

- To set the profile to be active for a certain amount of time up to 24 hours, select *Timed* and set the end time. When the time set for the profile expires, the previous profile that was not timed, becomes active.

- To personalise the profile, select *Personalise*. Select the setting you want to change and make the changes.

  The settings can also be changed in the *Tone settings* menu, see Tone settings on page 94.

  In addition you can rename a profile, *Profile name*. The *General* profile can not be renamed.

  Tip: To change the profile quickly in standby mode, press the power key ⓪, scroll to the profile you want to activate and press **Select**.

■ Settings (Menu 5)

Personal shortcuts

Right selection key
Press **Menu**, and select *SettingsPersonal shortcuts*, *Personal shortcuts* and *Right selection key* to change the function of the right selection key in standby mode. The options are *Contacts* and *Go to*.

If you select *Go to*, you can then select the phone functions that can be accessed with the right selection key in standby mode.

Select options

Press **Menu**, and select *SettingsPersonal shortcuts*, *Personal shortcuts* and *Select options* to select the functions that can be accessed with the right selection key in standby mode. Scroll to the desired function and press **Mark**.

To delete a function from the list of accessible functions, scroll to the desired function and press **Unmark**. The *Contacts* function cannot be deleted from the list

To save the changes, press **Done** and **Yes**.

Organise

Press **Menu**, and select *SettingsPersonal shortcuts*, *Personal shortcuts* and *Organise* to change the order of the functions that can be accessed with the right selection key. Scroll to the desired function, press **Move** and select the desired option.

To save the changes, press **Done** and **Yes**.

Time and date settings

Clock

Press **Menu**, and select *Settings*, *Time and date settings* and *Clock*.

Select *Show clock* to show the time on the top right of the display in standby mode. Select *Set the time* to adjust the clock to the correct time, and *Time format* to select 12-hour or 24-hour time format.

The clock serves the functions *Messages*, *Call register*, *Alarm clock*, timed *Profiles*, *Calendar* and screen saver, for example.

If the battery is removed from the phone for a long time, you may need to set the time again.

Date
Press **Menu**, and select *Settings*, *Time and date settings* and *Date*.

Select *Show date* and the date is shown on the display when the phone is in standby mode. Select *Set the date* to adjust the date. You can also select the date format and date separator.

Auto update of date and time
Press **Menu**, and select *Settings*, *Time and date settings* and *Auto-update of date & time* (network service). To set the phone to automatically update the time and date according to the current time zone, select *On*. To set the phone to ask for a confirmation before the update, select *Confirm first*.

The automatic update of the date and time does not change the time that you have set for the alarm clock, calendar or the alarm notes. They are in the initial time you have set. Updating may cause some alarms that you have set to expire.

Call settings

Call divert
Press **Menu**, and select *Settings*, *Call settings* and *Call divert* (network service). With call divert you can direct your incoming calls to another number, for example, to your voice mailbox number. Divert options not supported by your SIM card or your network operator may not be shown.

Select the divert option you want, for example, select *Divert if busy* to divert the voice calls when your number is busy or when you reject an incoming call.

To set the divert setting to on, select *Activate*, and then select the timeout after which the call is diverted, if this is available for the divert option. To set the divert setting to off, select *Cancel*. To check whether the call divert is activated or not, select *Check status*, if this is available for the divert option. Several divert options may be active at the same time.

To see the divert indicators in standby mode, see Standby mode on page 22.

Anykey answer
Press **Menu**, and select *Settings*, *Call settings* and then *Anykey answer*. Select *On* and you can answer an incoming call by briefly pressing any key, except ①, selection keys ⬍ and ⬋, Music key 👁 , recording key ⬤ and ☎.

Automatic redial
Press **Menu**, and select *Settings*, *Call settings* and *Automatic redial*. Select *On* and your phone will make a maximum of ten attempts to connect the call after an unsuccessful call attempt.

Speed dialling
Press **Menu**, and select *Settings*, *Call settings* and *Speed dialling*. Select *On* and the names and phone numbers assigned to the speed dialling keys, from 2 to 9, can be dialled by pressing and holding the corresponding number key.

Call waiting

Press **Menu**, and select *Settings*, *Call settings* and *Call waiting*. Select *Activate* and the network will notify you of an incoming call while you have a call in progress (network service). See Call waiting on page 43.

Summary after call

Press **Menu**, and select *Settings*, *Call settings* and *Summary after call*. Select *On* and the phone will after each call briefly display the approximate duration and cost (network service) of the call.

Send my caller identity

Press **Menu**, and select *Settings*, *Call settings* and *Send my caller identity*. Select *Yes* and your phone number will be displayed to the person you are calling (network service). Select *Set by network* and the setting agreed upon with your service provider is used.

Line for outgoing calls

Line for outgoing calls is a network service to select the phone line 1 or 2, that is subscriber number, for making calls.

Press **Menu**, and select *Settings*, *Call settings* and *Line for outgoing calls*. If you select *Line 2* and have not subscribed to this network service, you will not be able to make calls. However, calls on both lines can be answered regardless of the selected line.

If supported by your SIM card, you can prevent the line selection by selecting the option *Lock*.

For more information on availability, contact your network operator or service provider.

Tip: In standby mode you can switch from one line to the other by pressing and holding ⌗.

Phone settings

Language

Press **Menu**, and select *Settings*, *Phone settings* and *Language*. Select the language for the display texts. If *Automatic* is selected, the phone selects the language according to the information on the SIM card.

Automatic keyguard

Note: When Keyguard is on, calls may be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number). Key in the emergency number and press 📞. The number is displayed only after you have keyed in its last digit.

You can set the keypad of your phone to lock automatically after a preset time delay when the phone is in standby mode and no function of the phone has been used.

Press **Menu**, and select *Settings*, *Phone settings* and *Automatic keyguard*.

- To activate the automatic keyguard, select *On* and the phone displays *Set delay:*. Key in the time and press **OK**. You can set the time from 10 seconds to 60 minutes.
- To deactivate the automatic keyguard, select *Off*.

Refer also Keypad lock (Keyguard) on page 34.

Cell info display
Press **Menu**, and select *Settings*, *Phone settings* and *Cell info display*. Select *On* to set the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology.

Welcome note
Press **Menu**, and select *Settings*, *Phone settings* and *Welcome note*. Key in the note you would like to be shown briefly when the phone is switched on. To save the note, press **Options**, and select *Save*.

Network selection
Press **Menu**, and select *Settings*, *Phone settings* and *Network selection*. Select *Automatic* and the phone automatically selects one of the cellular networks available in your area.

If you select *Manual*, you can select a network that has a roaming agreement with your home network operator. If *No access* is displayed, you must select another network. The phone stays in manual mode until the automatic mode is selected or another SIM card is inserted into the phone.

Confirm SIM service actions
See SIM services (Menu 14) on page 137.

Help text activation
To set the phone to show or not to show the help texts, press **Menu**, and select *Settings*, *Phone settings* and *Help text activation*.

See also

Start-up tone
To set the phone to play or not to play a start-up tone when the phone is switched on, press **Menu**, and select *Settings*, *Phone settings* and *Start-up tone*.

Music settings

Equaliser
Press **Menu**, and select *Settings*, *Music settings* and *Equaliser*. You can select one of the preset sound styles *Normal*, *Rock*, *Pop* or *R'n'B*, or select *User set* to define and save your own sound style with customised equaliser settings.

Balance
Press **Menu**, and select *Settings*, *Music settings* and *Balance* to adjust the balance.

Loudness
Press **Menu**, and select *Settings*, *Music settings* and *Loudness* to turn the loudness effect on or off.

Stereo widening
Press **Menu**, and select *Settings*, *Music settings* and *Stereo widening* to turn the stereo widening effect on or off.

Restore default music settings
Press **Menu**, and select *Settings*, *Music settings* and *Restore default music settings* to reset the music settings to their default values.

See Music settings under Music (Menu 7) on page 105 for more information.

Display settings

Wallpaper
You can set your phone to display a background image, wallpaper, when the phone is in standby mode. Some images are presaved in the *Gallery* menu. You can also receive images via multimedia messages or download them from WAP pages and then save them in *Gallery*. Your phone supports JPEG, GIF, BMP and PNG formats.

To select a wallpaper image
1. Press **Menu**, and select *Settings*, *Display settings* and *Wallpaper*.
2. Select *Change image* and the folder list in the *Gallery* menu will be shown.
3. Open an image folder and scroll to the desired image.
4. To set the picture as wallpaper, press **Options** and select *Set as wallpaper*.

Note that the wallpaper is not displayed when the phone activates the screen saver.

To activate or deactivate the wallpaper

Press **Menu**, and select *Settings*, *Display settings* and *Wallpaper*. To activate/deactivate the wallpaper, select *On*/*Off*, respectively.

Colour schemes
You can change the colour in some display components, for example, indicators and signal bars.

Press **Menu**, and select *Settings*, *Display settings* and *Colour schemes*. Select the desired colour scheme.

Operator logo

To set your phone to display or hide the operator logo, press **Menu**, and select *Settings*, *Display settings* and *Operator logo*. If you have not saved the operator logo, the *Operator logo* menu is dimmed.

Note that the operator logo is not displayed when the phone activates the screen saver.

For more information on availability of an operator logo via SMS, MMS or WAP, contact your network operator or service provider.

Screen saver

Digital clock screen saver is used for power saving in standby mode. It is activated when no function of the phone has been used for a certain time. Press any key to deactivate the screen saver. Screen saver is also deactivated when the phone is out of the network coverage area.

Press **Menu**, and select *Settings*, *Display settings* and *Screen saver timeout*. Select the timeout after which the digital clock display will be activated. The length of the timeout can vary from 5 seconds to 60 minutes.

Note that the screen saver overrides all the graphics and texts on the display in standby mode.

Display brightness

You can change the display brightness level used on the phone display.

Press **Menu**, and select *Settings*, *Display settings* and *Display brightness*. Scroll with ⊗ and ⊗ to decrease and increase the brightness level, and press **OK** to accept it.

Tone settings

Press **Menu**, and select *Settings* and then *Tone settings*. You can find the same settings in the *Profiles* menu, see Profiles (Menu 4) on page 83. Note that the settings you make, change the settings in the active profile.

Select *Incoming call alert* to select how the phone notifies you of an incoming voice call. The options are *Ringing*, *Ascending*, *Ring once*, *Beep once* and *Off*.

Select *Ringing tone* for incoming voice calls.

- To select ringing tones that have been saved in the *Gallery*, select *Open gallery* from the ringing tone list.
- To select ringing tones that have been saved in the memory card, select *View memory card* from the ringing tone list.

Select *Ringing volume* and *Vibrating alert* for incoming voice calls and messages. The vibrating alert does not work when the phone is connected to a charger, a desktop stand, or a car kit.

☀ **Tip:** If you receive a ringing tone via OTA or by downloading, you can save the ringing tone in the *Gallery* or the memory card in your phone.

Select *Message alert tone* to set the alert tone for the incoming messages, *Keypad tones*, or *Warning tones* to set the phone to sound tones for example, when the battery is running out of power.

Select *Alert for* to set the phone to ring only upon calls from phone numbers that belong to a selected caller group. Scroll to the caller group you want or *All calls* and press **Mark**.

Accessory settings

This menu is shown only if the phone is or has been connected to a compatible headset or loopset.

Press **Menu**, and select *Settings* and *Accessory settings*. You can select *Headset* or *Loopset* if the corresponding accessory is or has been connected to the phone.

- Select *Default profile* to select the profile you want to be automatically activated when you connect the selected accessory. You can select another profile while the accessory is connected.

- Select *Automatic answer* to set the phone to answer an incoming call automatically after five seconds. If the *Incoming call alert* is set to *Beep once* or *Off*, automatic answer will not be in use.

Security settings

> **Note:** When security features that restrict calls are in use (call barring, closed user group and fixed dialling), calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency numbers).

Press **Menu**, and select *Settings* and *Security settings*. Select

- *PIN code request* to set the phone to ask for your PIN code every time the phone is switched on. Some SIM cards do not allow the PIN code request to be turned off.

- *Call barring service* (network service) to restrict incoming calls to and outgoing calls from your phone. A barring password is required.

- *Fixed dialling* to restrict your outgoing calls and text messages to selected phone numbers if this function is supported by your SIM card. The PIN2 code is required.

  When the fixed dialling is on, GPRS connections are not possible except while sending text messages over a GPRS connection. In this case, the recipient's phone number and the message centre number have to be included on the fixed dialling list.

- *Closed user group*. Closed user group is a network service that specifies the group of people whom you can call and who can call you.

- *Security level*. Select *Phone* and the phone will ask for the security code whenever a new SIM card is inserted into the phone.

  Select *Memory* and the phone will ask for the security code when SIM card's memory is selected and you want to change the memory in use, (see Selecting the phone book settings on page 48) or copy from one memory to another (Copying phone books on page 51).

- *Access codes* to change the security code, PIN code, PIN2 code or barring password. Codes can only include numbers from 0 to 9.

Restore factory settings

To reset some of the menu settings to their original values, press **Menu**, and select *Settings* and *Restore factory settings*. Key in the security code and press **OK**. Note that the data you have keyed in or downloaded, for example, the names and phone numbers saved in the phone book are not deleted.

■ Alarm clock (Menu 6)

The alarm clock uses the time format set for the clock. The alarms of the alarm clock work even when the phone is switched off.

Press **Menu**, and select *Alarm clock*. Key in the alarm time and press **OK**. To change the alarm time, select *On*.

When the alarm time expires

The phone will sound an alert tone, and flash *Alarm!* and the current time on the display.

Press **Stop** to stop the alarm. If you let the phone continue to sound the alarm for a minute or press **Snooze**, the alarm stops for about ten minutes and then resumes.

If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone. If you press **Stop**, the phone asks whether you want to activate the phone for calls, *Switch the phone on?*. Press **No** to switch off the phone or **Yes** to make and receive calls. Do not press **Yes** when wireless phone use may cause interference or danger.

■ Music (Menu 7)

You can listen to MP3 and AAC music files with the *Music player*, or to the *Radio* with your phone. You can also record music from the *Radio* or an external music source. You can record or transfer music files of up to 2 hours of near CD-quality music to a 64 MB memory card.

To adjust the volume level, use the Volume key on the top of the phone.

Warning! Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

Transferring music files and playlists from a PC: See Nokia Audio Manager on page 138.

Using the Music key: You can quickly turn on and off, and switch between the music functions with the special Music key on the top of the phone. Press to select *Music player*, *Radio* or *Switch music off* .

Music player

With the *Music player* you can listen to the MP3 and AAC music files stored on the memory card in your phone.

You can listen to music using the internal loudspeaker or a compatible headset.

You must have a memory card inserted in the phone to use the *Music player*.

To turn on the *Music player*, press **Menu**, and select *Music* and *Music player*.

When the *Music player* is on, press **Options** and select

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- *Play* to play the current track, or *Stop* to stop the playback.
- *Track list* to activate track lists that you have created on a PC as playlists and transferred to the memory card in your phone. See Track list on page 104.
- *Play options*: Select *Random* to play the tracks on the active track list in random order. Select *Repeat* to play the current track or the whole active track list through repeatedly.
- *Music downloads* to connect to the WAP address attached to the current track. This function is only available when a WAP address is attached to the current track.
- *Memory status* to check the amount of free and used memory on the memory card.

Tip: When phone is in standby mode and the *Music player* on, you can control the player by simultaneously pressing the Music key and the appropriate function on the 4-way scroll key.

Listening to music

To rewind the current track, press and hold ⊗.

To fast forward the current track, press and hold ⊗.

To skip to the next or previous track on the track list, quickly press ⊗ or ⊗, respectively.

Tip: In standby mode, you can skip to the next or previous track by simultaneously pressing the Music key and ⊗ or ⊗, respectively.

To select a track from the track list, press **Options** and select *Track list*. Scroll to the track you want, press **Options** and select *Play*.

To stop the playback, press ⊗.

To listen to music using the loudspeaker (or headset), press **Options** and select *Loudspeaker* (or *Headset*).

🔅 **Tip:** When using a compatible headset, press the headset key quickly to skip to the next track on the track list.

You can make a call or answer an incoming call while listening to music. During a call, the playback is paused.

Radio

To listen to the radio on your phone connect a compatible headset to the phone. The lead of the headset functions as the antenna of the radio, so let it hang freely.

Note that the quality of the radio broadcast depends on the radio station's coverage in that particular area.

1. To turn on the radio, press **Menu**, and select *Music* and *Radio*. The channel location number with the name you have saved for the radio channel, and the frequency of the radio channel are shown on the display.

🔅 **Tip:** To quickly turn on the radio, press the Music key on the top of the phone and select *Radio*.

2. If you have already saved radio channels, you can scroll to the channel you would like to listen to, or select a radio channel location 1 to 9 by pressing the corresponding number key.

Tip: When using a compatible headset, press the headset key to scroll to the desired saved radio channel.

3. When the *Radio* is on, press **Options** and select *Switch off* to turn it off.

Tip: To quickly turn off the *Radio*, press and hold 🔴.

Tuning a radio channel
When the *Radio* is on, press and hold 🔘 or 🔘 to start the channel search. Searching stops when a channel is found. To save the channel, press **Options**, and select *Save channel*. Key in the name of the channel and press **OK**. Select the location where you want to save the channel.

Tip: To quickly save the channel in a location 1 to 9, press and hold the corresponding number key, then key in the name of the channel and press **OK**.

Using the radio
When the *Radio* is on, press **Options** and select

- *Switch off* to turn off the *Radio*.
- *Save channel* to save the radio channel you have found. Key in the name of the channel and press **OK**. Select the location where you want to save the channel. Up to 20 radio channels can be saved.

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- *Automatic tuning*. Briefly press either ⊗ or ⊗ on the scroll key to start the channel search upwards or downwards. The search stops when a channel has been found, press **OK**. To save the channel, see *Save channel* above.

- *Manual tuning*. Briefly press either ⊗ or ⊗ on the scroll key to move the channel search 0.1 MHz upwards or downwards or press and hold down the key to quickly search upwards or downwards for a channel. To save the channel you have found, press **OK** and see *Save channel* above.

  ☼ **Tip:** To quickly select *Manual tuning*, press ⊞ when in the *Radio* menu.

- *Set frequency*. If you know the frequency of the radio channel you would like to listen to (between 87.5 MHz and 108.0 MHz), key it in and press **OK**. To save the channel, see *Save channel* above.

  ☼ **Tip:** To quickly select *Set frequency*, press ⊛ when in the *Radio* menu.

- *Delete channel*. To delete a saved channel, scroll to it, press **Delete**, and **OK**.

- *Rename*. Key in a new name for the saved channel and press **OK**.

- *Loudspeaker* (or *Headset*) to listen to the radio using the loudspeaker (or headset). Keep the headset connected to the phone. The lead of the headset functions as the antenna of the radio.

- *Mono output* (or *Stereo output*) to listen to the radio in mono (or in stereo).

You can normally make a call or answer an incoming call while listening to the radio. The volume of the radio is muted. When you end the call, the radio will automatically be turned on.

When an application using a GPRS or HSCSD connection is sending or receiving data, it may interfere with the radio.

Recorder

You can record music directly from the radio in your phone, or you can connect your phone to a compatible external audio source and record your favourite music. Your recordings are saved to the memory card in your phone.

To turn on the *Recorder*, press **Menu**, and select *Music* and *Recorder*.

To view a list of your recordings, select *Recording list*.

While the recording list is displayed, you can press **Options** and select

- *Play* to play the selected recording.
- *Delete* to delete the selected recording.
- *Rename* to change the track title and artist name of the selected recording.

Recording

To record from the radio, turn on the radio, press **Menu** and select *Music* and *Recorder*. To start recording, select *Record*.

To record from external audio equipment, connect the source device to the line-in connector of the phone using the ADE-2 audio cable.

When *Device connected, start recording?* is displayed:

- Press **Yes** to start recording.
- Press **No** to just listen to the music played by the connected device. You can start recording by selecting *Recorder* and *Record* from the *Music* menu.

To stop recording, press **Stop**. To save the recording, press **Yes** when a confirmation note is displayed. To delete the recording, press **No**.

- If you select to save the recording, key in the track title and press **OK**. Key in the artist name and press **OK**.

  Tip: To quickly start recording when the radio is on or external audio equipment is connected to the phone, press the recording key ⏺.

You cannot make phone calls while recording. To make a call, first stop the recording.

If you receive a phone call while recording music, the recording continues unless you answer the phone. If you answer the phone, the recording is stopped and you can choose to save or dismiss the interrupted recording.

Track list

With *Track list* you can activate track lists that you have created on a PC as playlists and transferred to the memory card in your phone. To transfer playlists from a PC, see Nokia Audio Manager on page 138.

When the *Music player* is on, press **Options** and select *Track list*. By default, all the music tracks on the memory card in your phone are shown. If you have activated a track list, only tracks on the activated track list are shown.

Activating and deactivating track lists
Open *Track list*, press **Options** and select *Change track list*. Scroll to the track list you want to activate and press **Select**.

To deactivate track lists and show all tracks on the memory card in the phone, select *All tracks*.

Other options available in Track list
- *Play* to play the currently selected track.
- *Refresh all tracks* to update the *Track list* after you have transferred music files or playlists from a PC. This option is only available when track lists are deactivated and all tracks on the memory card are shown.

Music settings

You can select a preset sound style with automatic equaliser settings, or define your own sound style with customised equaliser settings. You can also adjust the balance, and turn the loudness and stereo widening effects on and off. This may enhance playback quality and audibility. You can also reset the music settings to their default values.

The music settings apply to the *Music player* and the *Radio*. During recording and when using the loudspeaker, the music settings are turned off. The stereo widening effect does not apply to the *Radio*.

To access the music settings, press **Menu**, and select *Settings* and *Music settings*.

To select a preset sound style with automatic equaliser settings or define your own sound style with customised settings, select *Equaliser*.

- To select a preset sound style, scroll to the style you want and press **OK**. The available preset sound styles are *Normal*, *Rock*, *Pop* and *R'n'B*.

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- To define your own equalizer settings, select *User set*. Select the frequency slider bar to adjust with and . Adjust the position of the slider with and . Press **OK** to save the settings.

To adjust the balance, select *Balance*. Move the slider to the left or right by pressing or , respectively. Press **Select** to save the balance setting.

To turn the loudness effect on or off, select *Loudness* and then *On* or *Off*.

To turn the stereo widening effect on or off, select *Stereo widening* and then *On* or *Off*.

To reset the music settings to their default values, select *Restore default music settings*.

■ Gallery (Menu 8)

You can save images and ringing tones, for example, that have been received in multimedia messages in the folders of the gallery, see Reading and replying to a multimedia message on page 72.

The gallery uses shared memory, see Shared memory on page 15.

1. Press **Menu** and select *Gallery*. The list of options is shown.

2. Select *View folders* to open the list of folders. *Graphics* and *Tones* are the original folders in the phone.

   Other available options are:

   - *Add folder* to add a new folder. Key in a name for the folder and press **OK**.

- *Delete folder* to select the folder you want to delete. You cannot delete the original folders on the phone.

- *Rename folder* to select the folder you want to rename. You cannot rename the original folders on the phone.

- *Gallery downloads* (network service) to download more images and tones. Select *Image downloads* or *Tone downloads*, respectively. The list of available WAP bookmarks is shown. Select *More bookmarks* to access the list of WAP bookmarks in the *Services* menu, see Bookmarks on page 134.

  Select the appropriate bookmark to connect to the desired WAP page. If the connection fails, you may not be able to access the WAP page from the WAP service whose connection settings are currently active. In this case, enter the *Services* menu and activate another set of service settings, see Making a connection to a WAP service on page 128. Try again to connect to the WAP page.

  For the availability of different WAP services, pricing and tariffs, contact your network operator and/or the WAP service provider.

  Note: Only install software from sources that offer adequate protection against viruses and other harmful software.

3. Select the desired folder and the list of files in the folder is shown.

4. Scroll to the desired file. Press **Options** and some of the following options are available:

- *Open* to open the selected file.

- *Delete* to delete the selected file.

- *Move* to move a file to another folder.
- *Rename* to give a new name to the file.
- *Set as wallpaper* to set the selected file as wallpaper.
- *Set as ring tone* to set the selected file as the ringing tone.
- *Details* to see the details of the file, for example the size of the file.
- *Sort* to sort the files and folders by name, date, type or size.

■ Organiser (Menu 9)

Calendar

The calendar helps you to keep track of reminders, calls that you need to make, meetings, and birthdays.

The calendar uses shared memory, see Shared memory on page 15.

Press **Menu**, and select *Organiser* and *Calendar*.

Scroll to the day you want. The current day is indicated with a frame around the day. If there are any notes set for the day, the day is bolded. To view the day notes, press **Options** and select *Day notes*.

To view a single note, scroll to the note you want to view, press **Options** and select *View*. The note view allows you to view the details of the selected note. You can scroll through the note.

The other options for the calendar views may include:

- Options for making a note, for sending a note as a note directly to another compatible phone's calendar or as a text message.
- Options for deleting, editing, moving and repeating a note and for copying a note to another day.
- *Settings* to set the date, time, date or time format, or the first day of the week. In the *Auto-delete* option you can set the phone to delete old notes automatically after a specified time. However, the repeat notes, for example, birthday notes, will not be deleted.

Making a calendar note

For keying in letters and numbers, see Writing text on page 44.

Press **Menu**, and select *Organiser* and *Calendar*. Scroll to the date you want, press **Options** and select *Make a note*. Select one of the following note types:

- 🖼 *Meeting* - Key in the note (or press **Options** and search for the name in the phone book). Press **Options** and select *Save*. Key in the location for the meeting and press **Options** and select *Save*. Key in the start time for the meeting and press **OK**, and then the end time and press **OK**. To set the alarm for the note, select *With tone* or *Silent* (no alarm tone) and then set the alarm time.

- ☎ *Call* - Key in the phone number, press **Options** and select *Save*. Key in the name, press **Options** and select *Save*. (Instead of keying in the phone number, press **Options** to search for the name and number in the phone book.) Then key in the time for the call and press **OK**. To set the alarm for the note, select *With tone* or *Silent* (no alarm tone) and then set the alarm time.

- 🎁 *Birthday* - Key in the person's name (or press **Options** and search for it in the phone book), press **Options** and select *Save*. Then key in the year of birth, and press **OK**. To set the alarm for the note, select *With tone* or *Silent* (no alarm tone) and then set the alarm time.
- 🖊 *Memo* - Key in the note, press **Options** and select *Save*. Key in the end day for the note and press **OK**. To set the alarm for the note, select *With tone* or *Silent* (no alarm tone) and then set the alarm time.
- ▤ *Reminder* - Key in the subject for the reminder, press **Options** and select *Save*. To set the alarm for the note, select *Alarm on* and then set the alarm time.

When you have set the alarm, the indicator 🔖 is displayed when you view the notes.

When the phone sounds an alarm for a note
The phone beeps, and displays the note. With a call note 📞 on the display, you can call the displayed number by pressing 📞. To stop the alarm and view the note, press **View**. To stop the alarm without viewing the note, press **Exit**.

To-do list

You can save a note for a task that you have to do, select a priority level for the note and mark it as done when you have completed it. You can sort the notes by priority or by date.

The to-do list uses shared memory, see Shared memory on page 15.

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Press **Menu**, and select *Organiser* and *To-do list* and the list of notes is shown. Press **Options**, or scroll to the desired note and press **Options**.

- To add a new note, select *Add*. Key in the subject for the note. When you have keyed in the maximum number of characters for a note, no more characters are accepted. Press **Options** and select *Save*. Select the priority for the note, *High*, *Medium*, or *Low*. The phone automatically sets the deadline without an alarm for the note.

  Dictionary, refer to Setting predictive text input on or off on page 44.

- You can also view and delete the selected note and delete all the notes that you have marked as done. You can sort the notes by priority or by deadline, send a note to another compatible phone, save a note as a calendar note, or access the calendar.

  While viewing a note, you can also, for example, select an option to edit the selected note, edit the deadline or priority for the note, or mark the note as done.

■ Games (Menu 10)

Launching a game

1. Press **Menu**, and select *Games* and *Select game*.

2. Scroll to a game or a game set (name depends on the game).

3. Press **Options** and select *Open* or press 📞. If the selection is a single game it will be launched.

Otherwise, a list of games in the selected game set is displayed. To launch a single game, scroll to the desired game and press **Options** and select *Open*, or press 🔽.

💡 **Tip:** If a game uses the whole display area, no selection key names are displayed. Press the selection key 🔽 or 🔽 to show the options list. Then select one of the options or press **Back** to continue with the game.

Note that running some games may consume the phone's battery faster (and you may need to connect the phone to the charger).

Other options available for a game or game set
Options for games, see Other options available for an application or application set on page 114.

Game downloads
Press **Menu**, and select *Games* and *Game downloads* (network service). The list of available WAP bookmarks is shown. Select *More bookmarks* to access the list of WAP bookmarks in the *Services* menu, see Bookmarks on page 134.

Select the appropriate bookmark to connect to the desired WAP page. If the connection fails, you may not be able to access the WAP page from the WAP service whose connection settings are currently active. In this case, enter the *Services* menu and activate another set of service settings, see Making a connection to a WAP service on page 128. Try again to connect to the WAP page.

For the availability of different WAP services, pricing and tariffs, contact your network operator and/or the WAP service provider.

To download more games, refer also Downloading an application on page 115.

Note that when downloading a game, it may be saved in *Applications* menu instead of the *Games* menu.

Note: Only install software from sources that offer adequate protection against viruses and other harmful software.

Memory status for games

To view the size of memory available for game and application installations, press **Menu**, and select *Games* and *Memory*. See also Memory status for applications on page 116.

The games use shared memory, see Shared memory on page 15.

Game settings

Press **Menu**, and select *Games* and *Settings* to set sounds, lights and shakes for the game. For information on Club Nokia and the game downloads, visit www.club.nokia.com. Availability may vary by country.

■ Applications (Menu 11)

This menu allows the management of Java applications installed on your phone. Your phone software includes some Java applications specially designed for this Nokia phone. Various service providers offer other applications via WAP services. Before you can use one of these other applications you have to download it to your phone.

Note: Only install software from sources that offer adequate protection against viruses and other harmful software.

Launching an application

1. Press **Menu**, and select *Applications* and *Select application*.

2. Scroll to an application or an application set (name depends on the application).

3. Press **Options** and select *Open* or press 🔽. If the selection is a single application it will be launched.

   Otherwise, a list of applications in the selected application set is displayed. To launch a single application, scroll to the desired application and press **Options** and select *Open*, or press 🔽.

   Tip: If an application uses the whole display area, no selection key names are displayed. Press the selection key ◯ or ◯ to show the options list. Then select one of the options or press **Back** to continue with the application.

Other options available for an application or application set

- *Delete* to delete the application or application set from the phone.

  Note that if you delete a pre-installed application or an application set from your phone, you may download it back to your phone from the Nokia Software Market, www.softwaremarket.nokia.com/wap or www.softwaremarket.nokia.com/3300.

- *Web access* to restrict the application for accessing the network. Select *Ask first* and the phone asks for network access, *Allowed* to allow the network access, or *Not allowed* not to allow the network access.

- *Update version* to check if a new version of the application is available for download from the WAP services.

- *Web page* to provide further information or additional data for the application from an Internet page. This feature needs to be supported by the network. It is only shown if an Internet address has been provided with the application.

- *Details* to give additional information about the application.

Downloading an application

You can download new Java applications (network service) in different ways:

- Press **Menu**, and select *Applications* and *App. downloads* and the list of available WAP bookmarks is shown. Select *More bookmarks* to access the list of WAP bookmarks in the *Services* menu, see Bookmarks on page 134.

  Select the appropriate bookmark to connect to the desired WAP page. If the connection fails, you may not be able to access the WAP page from the WAP service whose connection settings are currently active. In this case, enter the *Services* menu and activate another set of service settings, see Making a connection to a WAP service on page 128. Try again to connect to the WAP page.

  For the availability of different WAP services, pricing and tariffs, contact your network operator and/or the WAP service provider.

- Press **Menu**, and select *Services* to find a WAP page to download an appropriate Java application. See Browsing the pages of a WAP service on page 130.

- Use the game download functionality, see Game downloads on page 112.

> Note that Nokia does not warrant for applications from non-Nokia sites. If you choose to download Java applications from them, you should take the same precautions, for security or content, as you would with any site.

Note that when downloading an application, it may be saved in *Games* menu instead of the *Applications* menu.

Memory status for applications

To view the size of memory available for game and application installations, press **Menu**, and select *Applications* and *Memory*.

The applications use shared memory, see Shared memory on page 15.

■ Extras (Menu 12)

Voice commands

You can access certain menu functions by saying a voice command. The voice command can be, for example, a function name.

Before using Voice commands, read Notes for using voice dialling **on page** 54**.**

Voice commands cannot be used while the phone is sending or receiving data over a GPRS connection.

Adding a voice command to a menu function

Press **Menu** , and select *Extras* and *Voice commands*.

Select the folder, for example *Profiles*, which contains the desired function, for example *Silent*. Scroll to the function, press **Options** and select *Add command*.

Press **Start** and clearly say the word(s) that you want to record as the voice command.

If the function already has a voice command, the indicator 🔁 is shown beside its name.

Note that all the voice commands are deleted if you insert another SIM card into the phone and save new voice commands.

Using a voice command

Press and hold the right selection key ⌀ in standby mode until you hear a short tone. Say the command clearly while holding the phone in the normal position near to your ear. The phone plays the command and carries out the related function.

If you use a compatible headset, press and hold the headset button until you hear a short tone and say the voice command clearly.

See also Making a call using a voice tag on page 54.

Playing, changing or deleting a voice command

Press **Menu** , and select *Extras* and *Voice commands*. Select the folder which contains the desired function. Scroll to the function, press **Options** and select *Playback*, *Change*, or *Delete*.

Calculator

The calculator in your phone adds, subtracts, multiplies, divides, counts the square and the square root and converts currency values.

This calculator has a limited accuracy and rounding errors may occur, especially in long divisions.

1. Press **Menu**, and select *Extras* and *Calculator*.
2. When '0' is displayed on the screen, key in the first number in the calculation, press ⚷ for a decimal point.
3. Press **Options** and select *Add*, *Subtract*, *Multiply*, *Divide*, *Square*, *Square root* or *Change sign*.

   🔆 **Tip:** Alternatively, press ✱ once to add, twice to subtract, three times to multiply or four times to divide.

4. Key in the second number.
5. For a total, press **Options** and select *Equals*.
6. To start a new calculation, first press and hold **Clear**.

Performing a currency conversion

1. Press **Menu**, and select *Extras* and *Calculator*.
2. To save the exchange rate, press **Options** and select *Exchange rate*. Select either of the displayed options. Key in the exchange rate, press ⚷ for a decimal point, and press **OK**. The exchange rate remains in the memory until you replace it with another one.

3. To perform the currency conversion, key in the amount to be converted, press **Options** and select *In domestic* or *In foreign*.

Tip: You can also perform the currency conversion in standby mode. Key in the amount to be converted, press **Options** and select *In domestic* or *In foreign*.

Countdown timer

Press **Menu**, and select *Extras* and *Countdown timer*. Key in the alarm time in hours and minutes and press **OK**. If you wish, write your own note text which is displayed when the time expires, and press **OK** to start the countdown timer.

- To change the countdown time, select *Change time*, or to stop the timer, select *Stop timer*.

If the alarm time is reached when the phone is in standby mode, the phone sounds a tone and flashes the note text if it is set or else *Countdown time up*. Stop the alarm by pressing any key. If no key is pressed, the alarm automatically stops within 30 seconds. To stop the alarm and to delete the note text, press **OK**.

Stopwatch

You can measure time, take intermediate times or lap times using the stopwatch. During timing, the other functions of the phone can be used. To set the timing in the background, press .

Note: Using the stopwatch consumes the battery and the phone's operating time will be reduced. Be careful not to let it run in the background when performing other operations with your phone.

Time observation and time splitting

1. Press **Menu**, and select *Extras*, *Stopwatch* and *Split timing*. You can select *Continue* if you have set the timing in the background.

2. Press **Start** to start the time observation. Press **Split** every time you want to take an intermediate time. The intermediate times are listed below the running time on the display. Scroll to view the times.

3. Press **Stop** to stop the time observation.

4. Press **Options** and select

   Start to start the time observation again. The new time is added to the previous time.

   Save to save the time. Key in a name for the measured time and press **OK**. If no name is keyed in, the total time is used as a title.

   Reset to reset the time without saving it.

Lap times

Press **Menu**, and select *Extras*, *Stopwatch* and *Lap timing*. Press **Start** to start the time observation and **Lap** to take a lap time. Press **Stop** to stop the lap timing. Press **Options** and you can save or reset the lap times. Refer to Time observation and time splitting above.

Viewing and deleting times

Press **Menu**, and select *Extras*, and *Stopwatch*.

If the stopwatch is not reset, you can select *Show last* to view the most recent measured time. Select *View times* and a list of names or final times of the time sets is shown, select the time set you want to view.

To delete the saved times, select *Delete times*. Select *Delete all* and press **OK**, or select *One by one*, scroll to the times you want to delete, press **Delete** and press **OK**.

Backup and restore

You can back up your *Contacts*, *Calendar*, *Text msg.* and *Bookmarks* information in the phone to a memory card, and restore the desired information from the memory card to the phone later. You can have one backup copy of each type of information on the memory card.

> **Note:** You must have a memory card inserted in the phone to use this function. You must also have free memory on the memory card to back up information.

> **Warning:** Do not connect your phone to a PC when backing up or restoring information. Connecting your phone to a PC will stop the backup and restore operations, leading to loss of information.

Backing up information to a memory card

1. Press **Menu** and select *Extras*, *Backup & restore* and *Backup*.

   - To back up your *Contacts*, *Calendar*, *Text msg.* and *Bookmarks* information all at once, select *All data*.

- To back up information selectively, select *Selected data*. Scroll to the information you want to back up and press **Mark**. When you have marked all the information you want to back up, press **Done**.

2. Press **Yes** to save the backup, or press **No** to cancel.

   The backup folder will automatically be created on the memory card if it does not already exist.

Note that backing up information from the phone will replace the corresponding information in the backup folder of the memory card.

Restoring information from a memory card

1. Press **Menu** and select *Extras*, *Backup & restore* and *Restore*.

2. Scroll to the information you want to restore and press **Mark**. When you have marked all the information you want to restore, press **Done**.

3. Press **Yes** to restore the information, or press **No** to cancel.

Note that restoring information from a memory card will replace the corresponding information in the phone.

Memory card

This menu enables you to format a memory card, delete files from it, and install Java applications saved on the memory card.

Use only memory cards that are compatible with you phone. Memory cards formatted and information stored using another device may appear corrupted on

your Nokia 3300 phone. You can use up to 128 MB compatible memory cards in your phone. See Removing and installing the memory card on page 31.

If your memory card appears to be corrupted, and you have installed the Nokia Audio Manager PC software on a compatible computer, you may be able to repair the errors on the card with the Windows Error-checking tool. For more information about using this tool, refer to the information provided with your Windows operating system.

Formatting a memory card
Press **Menu** and select *Extras*, *Memory card* and *Format memory card*. Press **Yes** and confirm with the security code to start the formatting, or press **No** to cancel.

Formatting will automatically create the following folders on the memory card: Applications, Backup, Music, Recordings, Tones and Track lists.

Note: When a memory card is formatted, all data on the card is permanently lost.

Deleting files from a memory card
Press **Menu** and select *Extras*, *Memory card* and *Delete file from memory card*.

Scroll to the folder containing the file that you want to delete and press **Open**. Scroll to the file, press **Options** and select *Delete*. Press **OK** to confirm the deletion.

Installing Java applications
Press **Menu** and select *Extras*, *Memory card* and *Install application*. A list of Java applications saved in the Applications folder of the memory card is shown. Scroll to the application you want and press **Select**.

Java applications that you install from the memory card, including games other than Nokia games, will be installed into the *Applications* menu. Nokia games will be installed into the *Games* menu. See Launching an application on page 114.

■ Services (Menu 13)
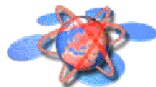
You can access various WAP services (network service) with your phone. Such services may include for example banking, news, weather reports and flight times. These services may be specially designed for mobile phones and they are maintained by WAP service providers.

Check the availability of WAP services, pricing and tariffs with your network operator and/or the service provider whose service you wish to use. Service providers will also give you instructions on how to use their services.

The WAP services use Wireless Markup Language (WML) on their WAP pages. Ordinary Internet web pages that use Hypertext Markup Language (HTML) cannot be viewed on your phone.

Basic steps for accessing and using WAP services

1. Save the service settings that are needed to access the WAP service that you want to use. See page 132.
2. Make a connection to the given WAP service. See page 128.
3. Start browsing the pages of the WAP service. See page 130.

4. Once you are finished browsing, end the connection to the WAP service. See page .

Setting up the phone for a WAP service

You may receive the service settings as a text message from the network operator or service provider that offers the WAP service that you want to use. For more information, contact your network operator or service provider, or visit Club Nokia's website (www.club.nokia.com).

You can also key in the settings manually in *Connection settings*. For appropriate settings, contact your network operator or service provider. The WAP settings may be available, for example, on their website.

Saving the service settings received as a text message

When you receive the service settings as a text message, *Service settings received* is displayed.

- To save the received settings, press **Options** and select *Save*.

  If no settings are saved in *Active service settings*, the settings are saved under the first free connection set and also activated.

  If there are settings saved in *Active service settings*, *Activate saved service settings?* will be displayed. To activate the saved settings, press **Yes**, or to save them only, press **No**.

- To discard the received settings, press **Options** and select *Discard*.

- To view the received settings first, press **Options** and select *View*. To save the settings, press **Save**.

Keying in the service settings manually

1. Press **Menu**, and select *Services*, *Settings* and *Connection settings*.

2. Select *Active service settings*.

   You need to activate the set where you want to save the service settings. A set is a collection of settings needed for making a connection to a WAP service.

3. Scroll to the set you would like to activate and press **Activate**.

4. Select *Edit active service settings*.

   Select each of the following service settings one by one and key in all the required settings.

   - *Settings' name* - Key in the new name for the connection set and press **OK**.

   - *Homepage* - Key in the homepage address of the WAP service that you want to use, press for a dot, and press **OK**.

   - *Session mode* - Select *Permanent* or *Temporary*.

   - *Connection security* - Select *On* or *Off*.

     When the connection security is *On*, the phone tries to use a secure connection with the WAP service. If a secure connection is not available, the connection will not be made. If you wish to connect anyway, with a non-secure connection, you must set the connection security to *Off*.

   - *Data bearer* - Select *GSM data* or *GPRS*. Settings for the selected bearer, see Settings when GSM data is the selected data bearer and Settings when GPRS is the selected data bearer below.

For pricing, connection speed and other information, contact your network operator or service provider.

Settings when GSM data is the selected data bearer

- *Dial-up number* - Key in the phone number and press **OK**.

- *IP address* - Key in the address, press ✱ for a dot, and press **OK**. You obtain the IP address from your network operator or service provider.

- *Authentication type* - Select *Secure* or *Normal*.

- *Data call type* - Select *Analogue* or *ISDN*.

- *Data call speed* - Select the speed you want to use, or select *Automatic*. *Automatic* is available only if the current selected data call type is *Analogue*. The actual data call speed depends on the service provider.

- *Login type* - Select *Manual* or *Automatic*. If you select *Automatic*, the login type uses the user name and password keyed in the following settings. If you select *Manual*, the login information is required when establishing a connection.

- *User name* - Key in the user name and press **OK**.

- *Password* - Key in the password and press **OK**.

Settings when GPRS is the selected data bearer

- *GPRS Connection* - Select *Always online* to set your phone automatically register to a GPRS network when you switch the phone on. When you start an application using GPRS, the connection between phone and network is

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established, and data transfer is possible. When you end the application, GPRS connection is ended but the registration to the GPRS network remains.

If you select *When needed*, the GPRS registration and connection are established when an application needs it and closed when you end the application.

- *GPRS access point* - Key in the access point name and press **OK**.

  An access point name is needed to establish a connection to a GPRS network. You obtain the access point name from your network operator or service provider.

- *IP address* - Key in the address, press ⁎ for a dot , and press **OK**. You obtain the IP address from your network operator or service provider.

- *Authentication type* - Select *Secure* or *Normal*.

- *Login type* - Select *Manual* or *Automatic*. If you select *Automatic*, the login type uses the user name and password keyed in the following settings. If you select *Manual*, the login information is required when establishing a connection.

- *User name* - Key in the user name and press **OK**.

- *Password* - Key in the password and press **OK**.

Making a connection to a WAP service

Firstly, make sure that the service settings of the WAP service you want to use are activated. To activate the settings:

- Press **Menu**, and select *Services*, *Settings* and *Connection settings*. Select *Active service settings* and scroll to the set you want to activate and press **Activate**.

Secondly, make a connection to the WAP service. There are three ways to connect:

- Open the homepage of the WAP service:

  Press **Menu**, and select *Services* and *Home*.

  Tip: To quickly open the homepage of a WAP service, press and hold ⃣ in standby mode.

  OR

- Select a bookmark of the WAP service:

  Press **Menu**, and select *Services*, *Bookmarks*, and select a bookmark.

  If the bookmark does not work with the current active service settings, activate another set of service settings, if available, and try again.

  OR

- Key in the address of the WAP service:

  Press **Menu**, and select *Services* and then *Go to address*. Key in the address of the WAP service, press ⃰ for special characters, and press **OK**.

  Note that it is not necessary to add the prefix http:// in front of the address since it will be added automatically.

Browsing the pages of a WAP service

After you have made a connection to the WAP service, you can start browsing its WAP pages. The function of the phone keys may vary in different WAP services. Follow the text guides on the phone display. For more information, contact your WAP service provider.

Note that if GPRS is selected as the data bearer, the indicator 🔲 is shown on the top left of the display during browsing. If you receive a call or a text message, or make a call during a GPRS connection, the indicator 🔃 will be shown on the top right of the display to indicate that the GPRS connection is suspended (on hold).

Using the phone keys while browsing

- Use 🔄 or 🔄 on the scroll key to browse the WAP page.
- To select a highlighted item, press 📞 .
- To enter letters and numbers, press the keys 🔟 - 🔢 and to enter special characters, press the key ＊ .

Options while browsing

Press **Options** and select one of the options available. The service provider may also offer other options. Select

- *Home* to go back to the homepage of the WAP service.
- *Bookmarks*. See page 134.
- *Call* / *Edit* / *Open row* / *Open* / *Open list* to call, to key in text or to select a highlighted item on the WAP page.
- *Add bookmark* to save the WAP page as a bookmark.

- *View image* or *View images* to view images and animations from the WAP page.
- *Go to address* to key in the address of the WAP service you want to access.
- *Service inbox*. See page 136.
- *Appear. settings*. See Appearance settings of WAP browser on page 132.
- *Cookie settings*. See page 133.
- *Use detail* to copy, for example, an e-mail address from the WAP page.
- *Reload* to reload and update the current WAP page.
- *Clear the cache*. See The cache memory on page 137.
- *Security info* to view security information about the current WAP connection and the server.
- *Quit*. See Ending a WAP connection on page 131.

Direct calling
The WAP browser supports functions which you can access while browsing. You can make a voice call, send DTMF tones while a voice call is in progress, and save in the phone book a name and a phone number from a WAP page.

Ending a WAP connection

To quit browsing and to end the connection, press **Options** and select *Quit*. When *Quit browsing?* is shown, press **Yes**.

Alternatively, press . If *GSM data* is the selected data bearer, press twice. The phone ends the connection to the WAP service.

Appearance settings of WAP browser

1. While browsing, press **Options** and select *Appear. settings*, or in standby mode, press **Menu**, and select *Services*, *Settings* and *Appearance settings*.

2. Select *Text wrapping* or *Show images*.

3. Select *On* or *Off* for *Text wrapping* and *Yes* or *No* for *Show images*.

   When *Text wrapping* is set to *On*, the text continues on the next line if it cannot be shown on one line. If you select *Off*, the text is abbreviated if it is too long to be shown on one line.

   When *Show images* is set to *No*, any pictures appearing on the WAP page are not shown. This can speed up the browsing of WAP pages that contain a lot of pictures.

Security settings of WAP browser

Authority certificates
For using some WAP services, such as banking services, you may need security certificates. Using the certificates can help you improve the security of connections between your phone and a WAP gateway or WAP server, if the *Connection security* is set to *On*.

You can download an authority certificate from a WAP page, if the WAP service supports the use of authority certificates. After the download, you can view the certificate and then save or delete it. If you save the certificate, it is added to the certificate list in the phone.

The phone indicates if the identity of the WAP server or WAP gateway cannot be verified, if the WAP server or WAP gateway certificate is not authentic or if you do not have the correct authority certificate in your phone.

Viewing the list of authority certificates: Press **Menu**, select *Services*, *Settings* and *Security settings*. Select *Authority certificates*. See also *Security info* in Using the phone keys while browsing on page 130.

Security indicator: The security indicator 🔒 is displayed during a WAP connection, if the data transmission between the phone and the WAP gateway or WAP server (identified by the *IP address* in the *Edit active service settings*) is encrypted.

The security icon does not indicate that the data transmission between the gateway and the content server is secure. The service provider secures the data transmission between the gateway and the content server.

Cookies

You can set the phone to allow or prevent receiving cookies.

A cookie is data that a WAP site saves in your phone's browser cache memory. The data can be, for example, your user information or your browsing preferences. Cookies will be saved until you clear the cache memory, see The cache memory on page 137.

1. While browsing, press **Options** and select *Cookie settings*, or in standby mode, press **Menu**, and select *Services*, *Settings* and *Security settings*.

2. Select *Cookies* and select *Allow* or *Reject* to allow or prevent the phone receiving cookies.

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Bookmarks

You can save WAP page addresses as bookmarks in the phone's memory.

1. While browsing, press **Options** and select *Bookmarks*, or in standby mode, press **Menu**, and select *Services* and *Bookmarks*.
2. Scroll to the bookmark you want to use and press **Options**.
3. Select one of the following options:

    Go to to make a connection to the WAP page associated with the bookmark.

    Edit or *Delete* to modify or delete the selected bookmark.

    Send to send the selected bookmark directly to another phone select *As bookmark*, or to send the bookmark as a text message, select *As text message*.

    New bookmark to create a new bookmark without connection to the WAP service. Key in the address and the title of the WAP page and press **OK**.

Note that your phone may have some pre-installed bookmarks for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose to access them, you should take the same precautions, for security or content, as you would with any Internet site.

Receiving a bookmark
When you have received a bookmark *1 bookmark received* is displayed. Press **View**, then press **Options** and select *View* to view the bookmark, *Save* to save the bookmark, or *Discard* to discard it.

Download links

Your phone has pre-installed links (similar to bookmarks) to WAP page addresses to download content such as ringing tones, images, games, and applications. You can also create new links to WAP page addresses that offer content to download.

1. While browsing, press **Options** and select *Bookmarks*, or in standby mode, press **Menu**, and select *Services* and *Download links*.

2. Select *Tone downloads*, *Image downloads*, *Game downloads* or *App. downloads*.

3. Scroll to the link you want to use and press **Options**.

4. Select one of the following options:

   Go to to make a connection to the WAP page associated with the link.

   Edit or *Delete* to modify or delete the selected link.

   Send to send the selected link directly to another phone select *As bookmark*, or to send the link as a text message, select *As text message*.

   New download link to create a new link without connection to the WAP service. You can either enter the address manually or select an address from your bookmarks.

   - *Enter address* - Key in the address and the title of the WAP page and press **OK**.

   - *Select address* - Select a bookmark that you want to use as a download link.

Note that your phone may have some pre-installed download links for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose

to access them, you should take the same precautions, for security or content, as you would with any Internet site.

Service inbox

The phone is able to receive service messages (pushed messages) sent by your service provider (network service). Service messages may be notifications of, for example, news headlines, and they may contain a text message or address of a WAP service.

To access the *Service inbox* in standby mode, when you have received a service message, press **View**.

- If you press **Exit** the message is moved to the *Service inbox*. To access the *Service inbox* later, press **Menu**, and select *Services*, and *Service inbox*.

To access the *Service inbox* while browsing, press **Options** and select *Service inbox*. Scroll to the message you want, press **Options** and select

- *Retrieve* to activate the WML browser and download the indicated content.

  Note: Only install software from sources that offer adequate protection against viruses and other harmful software.

- *Details* to display detailed information on the service notification.
- *Delete* to delete the selected service notification.

To enable the phone to receive service messages
Press **Menu**, and select *Services*, *Settings*, *Service inbox settings*, and *Service messages*. To enable the phone to receive service messages, select *On*. If you select *Off*, the phone will not receive service messages.

The cache memory

Note: The information or services you have accessed are stored in the cache of your phone. A cache is a buffer memory, which is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords (for example, your bank account), empty the cache of your phone after each use.

To empty the cache,

- while browsing, press **Options** and select *Clear the cache*, or
- in standby mode, press **Menu**, and select *Services*, and *Clear the cache*.

■ SIM services (Menu 14)

In addition to the functions available on the phone, your SIM card may provide additional network services that you can access in this menu, which is shown only if it is supported by your SIM card. The name and contents of the menu depend entirely on the service available.

You can set the phone to show you the confirmation messages sent between your phone and the network when you are using the SIM services by selecting the option *Yes* within the menu *Confirm SIM service actions* in *Phone settings*.

Note that accessing these services may involve sending a text message (SMS) or making a phone call for which you may be charged.

9. Nokia Audio Manager

With the Nokia Audio Manager software you can select digital music tracks on a compatible PC and transfer them to a memory card in your phone. Nokia Audio Manager also allows you to create M3U playlists on the PC.

To enable the PC to access the memory card in the phone, you must connect your phone to the USB port of your PC using the supplied DKU-2 connectivity cable. See Attaching and using the supplied cables on page 26. The contents of the memory card can be then be displayed in the **Mobile Device** area of the **Music Studio** window of Nokia Audio Manager. Note that you cannot make phone calls while your phone is connected to a PC.

Note: Do not connect the phone to your PC before you have installed the Nokia Audio Manager PC software from the CD-ROM in the sales package.

Before connecting your phone to the PC, read Disconnecting the phone from the PC **on page** 27.

■ System requirements

To install and use Nokia Audio Manager, you need the following:

- An Intel compatible PC running Windows 98, Windows ME, Windows 2000 or Windows XP operating system.

  Note that the software is not supported on a PC which has had its system upgraded from Windows 95 or 3.1 to Windows 98.

- Pentium MMX 266 MHz processor (Pentium 300 MHz recommended),
- At least 35 MB of free disc space. Additional space for music tracks,
- Minimum of 48 MB memory recommended, 64 MB suggested for Windows 2000,
- Display capable of 800 x 600 screen resolution with 65536 colours (High Color setting),
- Browser that is version 4.0 or higher of either Microsoft Internet Explorer or Netscape Navigator,
- USB port,
- CD-ROM drive.

■ Installing Nokia Audio Manager

1. Start Windows.
2. Insert the CD-ROM supplied in the sales package in the CD-ROM drive of your PC.
3. If the CD-ROM does not launch itself automatically, open Windows Explorer and select the CD-ROM drive where you inserted the CD-ROM. Right-click the Nokia Audio Manager icon and select Autorun.
4. Follow the installation instructions that appear on the display of the computer to successfully complete the installation.
5. When the installation is complete, Nokia Audio Manager folder is added to your Program files.

You must restart the computer after the installation of Nokia Audio Manager.

■ Saving CD tracks with Nokia Audio Manager

1. On the PC, open Nokia Audio Manager.

2. Insert a music CD in the CD drive of your PC and click the *CD Player* tab to open the **CD Player** window. Track information is displayed.

3. To save tracks onto your hard disk, select the tracks you want and click the *Save tracks* button.

   Do not remove the CD until the save operation is complete. A progress bar will indicate approximately how long it will take to save the tracks.

4. Transfer the tracks to the **Music Studio**: In the **Music Studio**, click the *Add* button and browse for the saved music tracks. Select the required track(s), right-click on the selection and select *Open* from the shortcut menu.

You can now transfer the tracks in the **Music Studio** to the memory card in your phone.

■ Transferring music files to your phone

1. Save the tracks and playlists in the **Music Studio** of Nokia Audio Manager. See the Audio Manager Help for further instructions.

2. Check that the PC and phone are connected with the supplied connectivity cable.

3. On the PC, open Nokia Audio Manager.

4. Click the **Nokia 3300** icon in the mobile device area of the **Music Studio**.

5. Select the tracks or playlists that you want to transfer to your phone.

6. Click **Transfer to device**.

If you selected more music than can fit on the phone memory, you get an error message. Deselect some of your selected music tracks until the selection fits.

■ Transferring tracks using Windows Explorer

Once you have installed Nokia Audio manager, it is possible to use Windows Explorer to transfer MP3 or AAC music tracks to your phone.

> **Note:** Check that the PC and phone are connected with the supplied connectivity cable.

1. Open Windows Explorer. Your phone will appear as a drive named by **Nokia 3300**, and with a drive letter assigned to it.

2. Display the folder from where you wish to transfer tracks.

3. Select the tracks you wish to transfer to the phone and drag them to the **Nokia 3300** drive. The tracks will now be transferred to the phone and can be played by the *Music player*.

   If you selected more music than can fit on the phone memory, you get an error note. Deselect some of your selected music tracks until the selection fits.

■ Club Nokia window

Nokia Audio Manager includes a window to browse the Internet. By default, this browser has a Club Nokia home page. Any web page address may be entered into the location field. Tracks from the Internet must be downloaded to the PC before they can be added to the **Music Studio** window for transfer to the phone.

Note that you must have an Internet connection to use this feature.

■ Other features

Music track types supported

Nokia Audio Manager supports MP3 music tracks and M3U playlists. Playlists can be created in the **Music Studio**. When a playlist is selected for transfer to the phone, only the tracks named in the playlist are transferred. Tracks created by the CD Player have a file extension .AAC. These files can be played on the PC by Nokia Audio Manager and transferred to the phone.

Editing fields in tracks on the PC

When tracks or playlists are displayed in the **Music Studio**, it is possible to edit track and artist information. See the Nokia Audio Manager help for further details.

10. Battery information

■ Charging and Discharging

Your phone is powered by a rechargeable battery.

Note that a new battery's full performance is achieved only after two or three complete charge and discharge cycles!

The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer. Unplug the charger when not in use. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime. If left unused a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge.

Use the battery only for its intended purpose.

Never use any charger or battery which is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes direct connection of the + and - terminals of the battery (metal strips on the battery) for example when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A phone with a hot or cold battery may

temporarily not work, even when the battery is fully charged. Batteries' performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire!

Dispose of batteries according to local regulations (e.g. recycling). Do not dispose as household waste.

CARE AND MAINTENANCE

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.
- Do not attempt to open the phone. Non-expert handling may damage it.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the phone. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.

All of the above suggestions apply equally to your phone, battery, charger or any accessory. If any of them is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

IMPORTANT SAFETY INFORMATION

■ Traffic Safety

Do not use a hand-held telephone while driving a vehicle. Always secure the phone in its holder; do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

Remember road safety always comes first!

■ Operating environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Use the phone only in its normal operating positions.

Parts of the phone are magnetic. Metallic materials may be attracted to the phone, and persons with a hearing aid should not hold the phone to the ear with the hearing aid. Always secure the phone in its holder, because metallic materials may be attracted by the earpiece. Do not place credit cards or other magnetic storage media near the phone, because information stored on them may be erased.

■ Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimise the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (e.g. electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air-bag systems). Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices so require.

■ Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone when at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquified petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

■ Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your phone while in the air is prohibited. Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to suspension or denial of telephone services to the offender, or legal action or both.

■ Emergency calls

Important: This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions. Because of this, connections in all conditions can not be guaranteed. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies).

Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on. Check for adequate signal strength. Disconnect the connectivity cable, if attached.

   Some networks may require that a valid SIM card is properly inserted in the phone.

2. Press as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.

3. Key in the emergency number for your present location (e.g. 112 or other official emergency number). Emergency numbers vary by location.

4. Press the key

If certain features are in use, you may first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your wireless phone may be the only means of communication at the scene of an accident – do not cut off the call until given permission to do so.

■ Certification information (SAR)

THIS MODEL PHONE MEETS THE EU REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radiofrequency (RF) energy recommended by The Council of the European Union. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit recommended by The Council of the European Union is 2.0 W/kg.* Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The highest SAR value for this model phone when tested for compliance against the standard was 0.77 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the EU requirements for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.nokia.com.

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