User's Guide

9351411

Issue 1

User's guide

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

ROAD SAFETY COMES FIRST
Don't use a hand-held telephone while driving; park the vehicle first.

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

USE SENSIBLY
Use only in the normal position (to ear).
Don't touch the antenna unnecessarily.

SWITCH OFF WHEN REFUELING
Don't use phone at a refueling point.
Don't use near fuel or chemicals.

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

QUALIFIED SERVICE
Only qualified service personnel must install or repair equipment. Use only approved accessories and batteries.

SWITCH OFF IN AIRCRAFT
Mobile phones can cause interference.
Using them on aircraft is illegal.

INTERFERENCE
All mobile phones may get interference which could affect performance.

Contents

MAKING CALLS
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. Hold **C** for several seconds, to clear the display. Enter the emergency number, then press ☎. Give your location. Do not end the call until told to do so.

Basic Steps to Use Your Phone

The phone can make and receive calls only when it is switched on, has a valid SIM card inserted and is located in the service area of the cellular network.
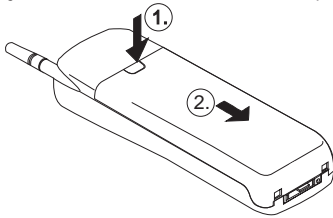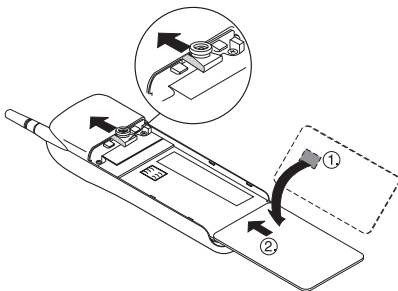
To insert the SIM card into the phone:

① Press and hold ⏻ to switch off your phone. Always switch off the power before removing the battery.

• Press the locking catch, slide the battery downwards and lift it off the phone.

• Ensure that the golden connectors on the SIM card are facing the connectors on the phone.
Place the card into the back of the phone and slide it upwards.

• You can now also insert the metal clip supplied with the Belt Clip Kit accessory into the slot under the cover of the phone.

• Attach the battery by placing it on the back of the phone and slide it upwards until the locking catch snaps into place.
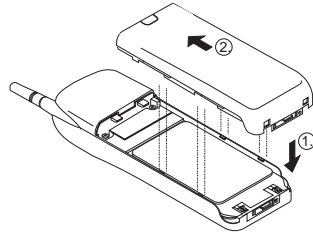
② To charge the battery, connect the phone to the charger. Connect the charger to the proper voltage AC power supply.
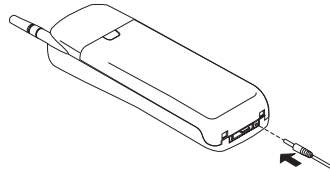
Press and hold ⏻ to switch on your phone. If the phone displays the prompt *PIN CODE ?*, enter the PIN code provided with the SIM card and press **M**.
While charging is in progress, the battery charge indicator scrolls on the display.
Note:
If the battery is totally empty, the text *POWERING UP* and the ⏻ indicator will appear on the display. Charging is in progress but the phone cannot be used until the battery charge is high enough.

③ If needed, change the display texts into English by pressing **MENU 4 9 9**.

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Battery Information

Charging and Discharging

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.

When the charge drops to approximately 5% of the maximum battery capacity, the message *BATTERY LOW* will warn you at regular intervals. When there is no battery capacity left, the message *RECHARGE BATTERY* is displayed and the phone will automatically be switched off to discharging mode when a charger is not connected. During discharging, the message *DISCHARGING* is blinking, and the phone cannot be used. When the battery is discharged, connect the phone to a charger and *CHARGING* will be displayed for two seconds when charging process is started. Discharging can be interrupted by connecting the phone to the charger.

While charging is in progress and the power is switched off, the battery charge indicator bar scrolls from clear to a full bar on the phone display. When the indicator disappears and the display is empty, charging is completed.
When the power is on during charging, the battery indicator bar scrolls, and the phone can be used.

Note:
If the battery is totally empty, the text *POWERING UP* and the ⓞ indicator appear on the display. Charging is in progress but no actions can be done until the battery charge is high enough.

Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its life. If left unused a fully charged battery will discharge itself over time.

For good operation times, discharge the battery from time to time as described (or by using the battery discharge facility of any approved accessory available for your phone). Do not attempt to discharge the battery by any other means.

Temperature extremes will affect the ability of your battery to charge: it may require cooling or warming first.

Note:
Use the battery only for its intended purpose.
Never use any charger or battery which is damaged or worn out.

Always switch the power off before removing the battery.

Note:
However, the battery can be removed when the phone is discharging (*DISCHARGING* is flashing on the display).

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Keys and Display Indicators

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 back of 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 (59F and 77F). A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. NiMH batteries performance is particularly limited in temperatures below -10°C (14F).

Dispose of used batteries in accordance with local regulations. Recycle!

Do not dispose of batteries in a fire!

Keys
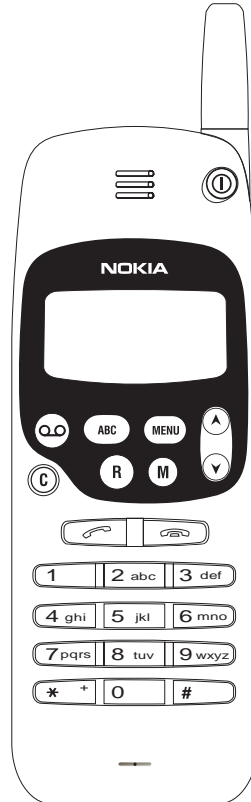
①	Press and hold to switch the phone on and off.
☎	Press to dial the voice mailbox number.
ABC	Press to switch between alpha and numeric mode.

MENU Press to enter the menu.
Also used in shortcuts to individual menu features.
Used with the 📞 key for automatic DTMF transmission.
Used with the ✳ key to activate/deactivate the keyguard.

C Press to delete characters one by one.
Press and hold to clear the whole display.
Press to quit the menu without changing any settings.
Press to delete a message.

R Press to recall information from the memory.
Press and hold to check hidden digits in a long telephone number.

M Press to store information in the memory.
Press to select an option in the menu and also to confirm a setting.

⋀ / ⋁ Press to scroll backwards/forwards through the menu, submenus or settings.
Press to scroll backwards/forwards through the memory.
Press to increase/to decrease the earpiece volume when a call is in progress.
Press ⋁ to read the message(s) when *MESSAGES RECEIVED* is shown on the display.
Press ⋁ when ... *CALLS MISSED* is on the display to show the phone number(s) of the missed call(s) (max. five numbers).

📞 Press to make or answer a call.
When the display is clear, press to show the last dialled number and press ⋁ to scroll through the dialled numbers list (max. five numbers).
When you have a call in progress, you can put it on hold by pressing 📞.

📞 Press to end a call.
Ends the call in progress and also any call on hold.

0 - 9 Number keys.
In the alpha mode they are used to key in letters and other characters.

✳ Used in network manual activation commands.
In the number mode, press ✳✳✳✳ to enter the wait character 'w', press ✳✳✳ to enter the pause character 'p' and press ✳✳ to enter the international prefix '+'.
In the alpha mode, moves the cursor to the next position.

Used in network manual activation commands.
In the alpha mode, enters a blank space.

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Display Indicators

The phone has a series of fixed display indicators which inform you about the operation of the phone.
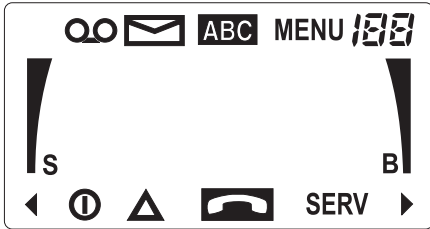
QO   When on it indicates that a voice message is waiting.
Whether this indicator is used depends on the network operator.

✉   When on it indicates that a short message has been received.
When flashing, it indicates that the message memory is full.

ABC   The phone is in alpha mode and letters can be keyed in and displayed.

MENU   Indicates that you have entered the menu.

¦88   Indicates the index number of a menu function or a setting.
Indicates a memory location number.
Indicates the message number in the Message mode.

S and bars
    Indicates the current cellular signal strength at the location of your phone. The more bars, the better the signal in the area.

B and bars
    Indicates the charge of the battery. The more bars, the better the battery charge.
A scrolling bar indicates that charging in progress.

◀   Indicates information overflow on the display, e.g. the front part of the phone number is not shown on the display. Press and hold the **R** key to check the rest of the number.

①   Indicates that the phone is switched on.

△   Indicates that the phone is using a network other than the home network.

☎   Appears when you are making a call and is on during a call.
The indicator flashes when you have a call on hold.

SERV   Shows that the phone is registered on the cellular network. If it does not light up, the phone is outside the network coverage area.

▶   Indicates information overflow on the display, e.g. the end of the phone number is not shown on the display or, during number editing, indicates that there are more than 16 digits in the phone number.

Access Codes

Your phone and the network incorporate several levels of security function to prohibit unauthorised use of your phone. These functions require different numeric codes.

Avoid choosing access codes similar to the emergency numbers to prevent accidental emergency calls.

Phone Codes

Security Code (5 digits)

The security code is supplied with the phone (in a red envelope or on an Identification Sticker) in the sales package of your phone.
If the prompt *SECURITY* appears on the display, key in your security code (appears as stars on the display) and press **M**.
If you enter an incorrect security code five times, the phone will not accept any further entries for the next five minutes.

Card Codes

PIN Code (Personal Identification Number, 4-8 digits)

The PIN code for SIM card is supplied with the SIM card.
If the prompt *PIN CODE* appears on the display, key in your PIN code and press **M**.
If you enter an incorrect PIN code three times in succession, the SIM card will be blocked. The SIM card can be unblocked by using the PUK code.

PIN2 Code (4-8 digits)

The PIN2 code is supplied with some SIM cards. Its use can be explained by your SIM card provider or network operator.

PUK Code (Personal Unblocking Key, 8 digits)

The PUK code may be supplied with your SIM card. Use the PUK code to unblock your SIM card. For more information, consult your SIM card provider or network operator.

PUK2 Code (8 digits)

The PUK2 code is supplied with some SIM cards. Its use can be explained by your SIM card provider or network operator.

Network Password (4 digits)

A Network Password may be provided with the SIM card for the barring services of your network. Its use can be explained by your SIM card provider or network operator.

The SIM lock

Your phone may be programmed to operate only with certain SIM cards. This feature may be activated upon request of the network operator. If the phone does not work after insertion of a new SIM card, consult your network operator or service provider.

Basic Functions

As with any other radio-transmitting device, avoid unnecessary contact with the antenna when the phone is switched on.

Making a Call

Key in the phone number including the area code and press ☎ .
To finish the call, press ☎.

You can adjust the volume of the earpiece by pressing the ∨ and ∧ keys during a call.

International Calls

Press ✱ twice in rapid succession (for the international prefix '+'), enter the country code and the subscriber number and press ☎.

Correcting Keying Mistakes

Delete the last character on the display by pressing **C**.
Clear the whole display by pressing and holding **C**.

Last Number Redial

With the display clear, press ☎ twice.

Speed Dialling

Key in the memory location number 1-9 where the desired telephone number is stored. Call the number by pressing ☎.

Receiving a Call

Press ☎ key to answer the call.
End the call by pressing ☎.

Anykey Answer

You can answer incoming calls by briefly pressing any key except the ① or ☎ key.

To hold / unhold a call

When you have a call in progress, you can put it on hold by pressing ☎, which means that the person you are calling cannot hear you. When you have a call on hold, the indicator ☎ on the display will flash. Press ☎ again to unhold the call and the person can hear you again.

For subscription to this function, contact your network operator.

Keyguard

The keypad lock, keyguard, prevents key from being accidentally pressed when, for example, the phone is in your pocket.

Note:
When keyguard is active, calls may be possible to the emergency number programmed in your phone (e.g. 112 or other official emergency number), but the emergency number will be shown on the display only when all the digits have been keyed in.

To activate/deactivate the keyguard:
Press **MENU** ✱.

Using the Memory

You can store phone numbers and their corresponding contact names in a memory located on the SIM card.

Cards' memory storage capacity varies. The phone is able to handle 199 SIM card memory locations, even if a card can hold more.

Each memory location can hold a name and a phone number.
In the numeric mode only numbers can be keyed in or displayed.
In the alpha mode, you can key in or display letters and numbers.
Digits keyed in during the alpha mode can not be used as telephone numbers to make calls.

Keying in Names

① Press **ABC** to select the alpha mode.

② Select the key labelled with the letter you want.
Press it once for the first letter, twice (before the cursor appears to the right of the letter) for the second letter and so on.

③ Select the other letters in the same way. When entering the same letter (or a letter on same key) twice, you do not need to wait for the cursor to appear but press the ✶ key and select the next letter.
E.g. to select P, R, T, press when in the alpha mode the keys **7 ✶ 7 7 7 8** without any pause.

To find the characters you want, repeatedly press the keys **1** - **9**:

Key	Alpha mode
1	- ? ! , . : " ' & $ £ ( ) / % @ 1
2	A B C 2 Ä Å À Á Ã Æ Ç
3	D E F 3 È É Ë Ê
4	G H I 4 Ğ Ì Í Î İ
5	J K L 5
6	M N O 6 Ñ Ö Ò Ó Ô Ø Ő
7	P Q R S 7 ß Ş
8	T U V 8 Ü Ù Ú Û Ű
9	W X Y Z 9
0	0
#	a blank space

④ Exit alpha mode by pressing **ABC** again.

Storing Information

The following sequence of entries should be used to store information into memory:
Telephone number, **ABC**, *name*, **M**, (*location number*), **M**

Recalling Information

Recalling by Name:

Press **R**, key in the name - or first letters of the name - you want to recall, press **R**.
To check the phone number, press **ABC**.
Or:
In alpha mode, press ▼ or ▲ to scroll through the names in alphabetical order.

Recalling by Memory Location Number:

Memory location number, **R**.
Or:
To scroll through the memory location numbers, press ▼ or ▲.

Using Additional Memory

Welcome Greeting

You can store a personal welcome greeting into your phone. The greeting will appear on the display when you switch the phone on and key in the PIN code, if requested.

To store:

Press **ABC**, key in the welcome text, press **M M 9 9 9 M**.

```
| HELLO!       |
| S          B |
|   ①     SERV |
```

To recall:

Press **9 9 9 R**. Press **ABC** to check the text.

To erase the welcome greeting from the memory:

With the display clear, press **M M M 9 9 9 M M**.

Temporary Memory

To store:

During a call, key in a telephone number and name on the display. End the call by pressing ☎, the information will be stored in the temporary memory location.

To recall :

Press **0 R**.

Temporary memory will be cleared when the phone is switched off.

Voice Mailbox Number

To store:

Key in the telephone number of your voice mailbox, press **M** and press ☊.

To recall :

Press **R** ☊.

Sending DTMF Tones

DTMF (Dual Tone Multi Frequency) tones allow you to communicate with answering machines, computerized telephony systems, etc. DTMF tones can be transmitted even when the keypad tones are switched off.

I Manual Method

① Make a call to a desired telephone number.

② Key in the digits. Each digit is sent directly as a DTMF tone. The length of the tone depends on how long you press the key.

II Automatic Transmission

In automatic transmission you can send number sequences already stored in the memory.

Note:
In some SIM cards the storing of sequences containing characters 'w', 'p', '+', '#' or '✶' may not be possible.
When sending a sequence, after a 'w' character the ☎ key has to be pressed to send the rest of the sequence.

① Make a call to the desired telephone number.

② Recall the number sequence from the memory.

③ Press **MENU** ☎ to send the sequence.

After the sequence is sent, it will disappear from the display.
During the sequence transmission, only the keys ①, ☎ and **C** are active.

The Menu Facility

The phone has a set of functions arranged in menus and submenus. You can check or change the setting of a particular function. The menus as well as the submenus can be entered by using either 'The Menu Method' or 'The Shortcut Method'.

The Menu Method

① Press **MENU** to enter the menu.

② Press ▼ or ▲ to find the menu you want.

③ Press **M** to select the menu.
If the menu contains submenus, press ▼ or ▲ to reach the desired submenu. Press **M** to select the submenu.

④ Press the ▼ and ▲ keys to scroll through the setting options.

⑤ Press **M** to select the setting.

Note:
Press **C** to exit the menu facility any time during the procedure, and the function will not be changed.

The Shortcut Method

Press **MENU** followed by the number of the menu function, e.g. **MENU 8** to enter the Ringing Option menu. The current setting is displayed.

The shortcut option also applies to submenus and settings as well, e.g. **MENU 4 4 2**; **MENU 4** for Phone Settings and then **4** for selecting the Lights and then **2** for selecting lights off.

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The Menu Map

① **Memory Options**
Options for controlling memory functions.

  ① **Dialled Calls**
  ② **Received Calls *)**
  ③ **Missed Calls *)**
  ④ **Erase Calls**
  ⑤ **Erase Memory**
    ① *One by One*
    ② *All at Once*
  ⑥ **Voice Mail No.**
  ⑦ **Own Number**

② **Messages *)**
Use to read and write short messages (SMS).

  ① **Read Messages**
  ② **Write Messages**
  ③ **Message Settings**
    ① *Message Centre*
    ② *Message Format*

③ **Call Divert *)**
Use to divert incoming calls.

  ① **Divert All**
    ① *Activate Divert*
    ② *Cancel Divert*
    ③ *Check Status*
  ② **If Busy**
    ① *Activate Divert*
    ② *Cancel Divert*
    ③ *Check Status*
  ③ **If No Reply**
    ① *Activate Divert*
    ② *Cancel Divert*
    ③ *Check Status*
  ④ **If Not Available**
    ① *Activate Divert*
    ② *Cancel Divert*
    ③ *Check Status*
  ⑤ **Cancel All**

④ **Phone Settings**
Select various settings of the phone.

  ① **Ringing Volume**
    ① *Ringing Level 1*
    …
  ② **Ringing Type**
    ① *Ringing Type 1*
    …
  ③ **Keypad Tones**
    ① *Key Tone Level 1*
    …
    ④ *Key Tone Off*
  ④ **Lights**
    ① *Lights On*
    ② *Lights Off*
  ⑤ **One Key Calling**
    ① *One Key Call On*
    ② *One Key Call Off*
  ⑥ **Auto(matic) Redial**
    ① *Redial On*
    ② *Redial Off*
  ⑦ **Auto(matic) Answer**
    ① *Answer On*
    ② *Answer Off*
  ⑧ **Keyguard**
    ① *Keypad locked*
  ⑨ **Language **)**
    ① *Magyar (Hungarian)*
    ② *Suomi (Finnish)*
    ③ *Norsk (Norwegian)*
    ④ *Svenska (Swedish)*
    ⑤ *Dansk (Danish)*
    ⑥ *Nederlands (Dutch)*
    ⑦ *Deutsch (German)*
    ⑧ *Auto Select*
    ⑨ *English*
    ①⓪ *Français (French*
    ①① *Italiano (Italian)*
    ①② *Español (Spanish)*
    ①③ *Português (Portuguese)*
    ①④ *Ελληνικά (Greek)*
    ①⑤ *Русский (Russian)*
    ①⑥ *Türkçe (Turkish)*
    ①⑦ *Polski (Polish)*
    ①⑧ *Čeština (Czech)*

*) For availability and subscription, contact your network operator or service provider.

**) All languages may not be available in your phone.

⑤ **Security Options**
Set PIN code request, security level, and change codes, and restore factory settings.

   ① **PIN Code Request**
      ① *Request On*
      ② *Request Off*
   ② **Security Level**
      ① *No Security*
      ② *Phone Security*
   ③ **Change Codes**
      ① *Change Security*
      ② *Change PIN Code*
      ③ *Change PIN2* ***)**
      ④ *Change Password* ***)**
   ④ **Restore Settings**

⑥ **Call Info**
Shows call durations and costs.

   ① **Call Timers**
      ① *Last*
      ② *Total*
      ③ *Clear Timers*
   ② **Call Costs *)**
      ① *Last*
      ② *Total*
      ③ *Clear Counters*
   ③ **Cost Limit *)**
      ① *Set Limit*
      ② *No Limit*
   ④ **Costs Display *)**
      ① *Costs in Currency*
      ② *Costs in Units*
   ⑤ **Cell Info *)**
      ① *Cell Info On*
      ② *Cell Info Off*

⑦ **Network Select**
Manual or automatic network selection.

   ① **Auto Select**
   ② **Manual Select**

⑧ **Ringing Options**
Select an indication option for an incoming call.

   ① **Ring**
   ② **Beep Once**
   ③ **Silent Function**

⑨ **Number Editor**
Edit a phone number currently on the display.

*) For availability and subscription, contact your network operator or service provider.

Menu Functions

Network Services

Some of the menu functions are network services. These functions can be used only if provided by your network operator. Before you can take advantage of any of these Network Services, you must subscribe to the service(s) you required from your network operator. Note that a network service is specific for the SIM card for which you have subscribed.

For availability and subscription, contact your network operator.

Memory Options (MENU 1)

Dialled Calls (MENU 1 1)

The phone stores the last five numbers that you called or attempted to call in the Dialled Calls memory locations indexed as *L0 - L4*. The latest number is stored in location 0 and the older numbers are moved back. If the name is found in the SIM card memory, the location will also include a name for the displayed number.

To search through the numbers:

① Press **MENU 1 1** (or press ☎). The number of your last call appears on the display.

② Press ▼ to scroll to the next number.

③ Press ☎ to dial the number displayed.

Note:
If a new SIM card, which is not recognised as an owner card, is inserted into the phone, the dialled calls list will be erased. See also menu 5 2, Security Level.

Received Calls (MENU 1 2)

The phone stores the last five different telephone numbers of the incoming calls in the Received Calls memory locations, indexed as *A0-A4*. The phone number of a received call is only stored if the network supports this function and if the calling phone provides its identity. When a new call comes in, the other numbers move back in the list. The location will also include a name for the displayed number if the name and number are stored in the SIM card memory.

To search through the numbers:

① Press **MENU 1 2**. The phone number of the most recent caller appears on the display.

② Press ▼ to scroll to the next number. Use the key **ABC** to see if there is any name with the number.

③ Press ☎ to dial the number displayed.

Note:
If a new SIM card, which is not recognised as an owner card, is inserted into the phone, the received calls list will be erased. See also menu 5 2, Security Level.

Missed Calls (MENU 1 3)

The Missed Calls memory locations, indexed as *U0-U4*, contains up to five telephone numbers/-names of the people who have tried to call you without getting any answer. The phone number of a missed call is only stored if the network supports this function and if the calling phone provides its identity. When a new call comes in, the older numbers move back in the list. Only five different numbers can be stored in the memory even if there had been more call attempts.

If the name and number are stored in the SIM card memory, the location will also include a name for the displayed number.

To search through the numbers:

① Press ▼ or ▲ when the ... *CALLS MISSED* is on the display or press **MENU 1 3**. A display message shows the number of missed calls. The phone number of the most recent caller then appears on the display.

② Press ▼ to scroll to the next number. Use the key **ABC** to see if there is name with the number.

③ Press ☎ to dial the number displayed.

Note:
If a new SIM card, which is not recognised as an owner card, is inserted into the phone, the missed calls list will be erased. See also menu 5 2, Security Level.

Erase Calls (MENU 1 4)

With the Erase Calls function you can reset the dialled, received and missed calls lists and temporary memory.

Press **MENU 1 4**, and the number lists and temporary memory will be erased.

Erase Memory (MENU 1 5)

With the Erase Memory function you can clear memory locations.

To erase the information from the memory:

① Press **MENU 1 5**.

② Press ▼ or ▲ to select one of the alternatives *ONE BY ONE* or *ALL AT ONCE* and press **M** to confirm.

• If you select *ONE BY ONE*, the prompt *NAME?* is displayed. Key in the name to be erased and press **M**.
To confirm, press **M** again.

Or:
Press **ABC** and the prompt *LOCATION?* is displayed. Key in the memory location number to be erased and press **M**.
To confirm, press **M** again.

• If you select *ALL AT ONCE*, the prompt *ARE YOU SURE?* is shown. Press **M** to confirm.

Voice Mailbox Number (MENU 1 6)

You can store the telephone number of your voice mailbox here.

① Press **MENU 1 6**.

② Key in the voice mailbox number, or edit the phone number displayed.

③ Press **M**.

Own Number (MENU 1 7)

You can check the phone number assigned to the SIM card. Note that this function is not available with all SIM cards.

Press **MENU 1 7**, press **ABC** to see if there is an associated name.

Messages (MENU 2)

You can send and receive short text messages through the Short Message Service, SMS if your network operator supports these services.

SMS Messages

Your phone is able to send and receive short text messages of up to 160 characters in length.

Before you can send messages, you must have the phone number of your message service centre. You can store the number in the memory, menu 2 3 1. Contact your network operator for details.

When you send an SMS message from your phone and the recepient's phone is not on the network, or is switched off, the message service will continue trying to send it for a week.

You may also ask the message centre to convert an ordinary SMS message into some other format, such as fax or Email, menu 2 3 2

When your phone receives an SMS message, it is stored in the area reserved for SMS messages in the SIM card memory. Most of the SIM cards have memory space for storing messages.

Contact your network operator for more information.

Read Messages (MENU 2 1)

When the phone is switched on and you have received new message(s), the indicator ✉ and the text *MESSAGES RECEIVED* appear on the display.

① To read the messages, press ▼ when *MESSAGES RECEIVED* is on the display or press **MENU 2 1**.
The number of new messages is displayed.

② Wait for the header of the first message to be displayed.
The header shows the message status, *NEW* (unread message) or *OLD* (read message) and the time and date the message was received.

③ Press ▼ or ▲ to read all messages in sequence. If ▼ is pressed repeatedly, the messages are displayed in the order which they are stored in the memory. The index display shows the memory location where the message is stored.

④ Press and hold **C** to quit the message function.

When the ✉ indicator is flashing, the message memory is full. New incoming messages are rejected until the message memory is cleared.
To clear a message, press **C** while the message or its header is on the display and press **M** to confirm.

Write Messages (MENU 2 2)

① Enter the Write Messages menu by pressing **MENU 2 2**.
You can also edit an old message by pressing **M** while reading the message.

② Key in the message of up to 160 characters.
You can make changes in the message. Use ▼ and ▲ to move the cursor right and left, respectively, and **C** to delete a single character.
To insert a space, press **#** in alpha mode.
Press **ABC** to select the numeric mode for keying in numbers.

③ When the message is ready, you can store it by pressing **M**, e.g., if you want to send the message later.

④ To send the message, press ☎ and the phone asks for the phone number.

⑤ Key in the recipient's phone number and press **M** or ☎.

You can only send one message at a time. Sending takes a little time and if successful, it will be confirmed by *MESSAGE SENT*. If the transmission fails for any reason, the phone will report e.g. *SENDING FAILED, NO NET SUPPORT*.
If you try to send another message while the previous one is still being sent, *SENDING PREVIOUS* will appear on the display.

Message Settings (MENU 2 3)

Under this submenu, you can set the message centre number and select in which format the message is to be sent.

Message Centre (MENU 2 3 1)

In order to send SMS messages, the phone must know the phone number of your Short Message Service Centre.

You will obtain the phone number from your network operator upon your subscription to the SMS message service.

① Press **MENU 2 3 1** to enter the Message Centre menu.

② Key in the phone number of the message service centre, or edit the phone number displayed.

③ Press **M** to confirm.

Message Format (MENU 2 3 2)

The network may be able to convert your text messages into one of the following formats: *FORMAT TEXT* (normal text message), *FORMAT FAX, FORMAT PAGER* or *FORMAT EMAIL* message.

① Press **MENU 2 3 2**.

② Press Ⅴ or Ⅵ to select the desired format for messages.

③ Press **M** to confirm.

Cut Number

You can copy a phone number that appears in a message onto the display and then store it in a desired memory location. The phone number must be at least three digits long. An international prefix (+), hyphen (-) and spaces between digits are allowed in the number.

To copy the number, press **R** when reading the message and the phone number appears on the display.
Press 📞 to call the number, or store the phone number in the memory.

Call Divert (MENU 3)

The phone offers you a possibility to divert your incoming calls to another telephone number when you do not want to be disturbed, or when the phone is switched off or outside the network service area. Contact your network operator for more information.

① Press **MENU 3** to enter the Call Divert function.

② Press ▼ or ▲ to scroll through the alternatives. More than one alternative can be active at the same time.

DIVERT ALL
diverts all incoming calls

IF BUSY
diverts incoming calls if your phone is busy

IF NO REPLY
diverts incoming calls if you do not answer them

IF NOT AVAILABLE
diverts incoming calls when your phone is outside the network service area or is switched off.

CANCEL ALL
switches all divert modes off.

③ Press **M** to select the displayed alternative.

④ Press ▼ or ▲ to scroll the alternatives

ACTIVATE DIVERT
Press **M** to activate call diverting. Key in the number to which the calls will be diverted, or edit the phone number displayed. Press **M**.
The phone sends the request to the network, *REQUESTING...*

CANCEL DIVERT
Press **M** to cancel call diverting. The phone sends the request to the network.

CHECK STATUS
Press **M** to review whether the network has received and accepted your request.
Press ▼ or ▲ to check the diverted call types (e.g. voice calls), and press **ABC** to check the telephone number.

Note:
If you want to exit the call divert function without changing the current setting, press **C**.

Phone Settings (MENU 4)

Ringing Volume (MENU 4 1)

A ringing tone is heard when there is an incoming call.
The ringing volume is ascending. You can set the highest ringing volume level.

Keys to set ringing volume level:
MENU 4 1, ▼ or ▲, **M**

When the phone is used with accessories, the ringing volume level can be set individually for some of the accessories. Connect the phone to the accessory before changing the setting.

Ringing Type (MENU 4 2)

You can select different types of ringing tone.

Keys to set the types of ringing tone:
MENU 4 2, ▼ or ▲, **M**

Keypad Tones (MENU 4 3)

A tone is heard each time a key is pressed. You can switch the keypad tones off or set them at different volume levels.

Keys to set the keypad tones:
MENU 4 3, ▼ or ▲, **M**.

When the phone is used with accessories, the keypad tones can be set individually for some of the accessories. Connect the phone to the accessory before changing the setting.

Lights (MENU 4 4)

The phone's keypad and display are fitted with backlights to make them easy to see. The lights come on when you press a key and go off 15 seconds after you last pressed a key or after the phone has stopped ringing (*LIGHTS ON*) or are permanently off (*LIGHTS OFF*).

Keys to set the lights:
MENU 4 4, ▼ or ▲, **M**

When phone is in a Car Kit, the lights are permanently on (*LIGHTS ON*) or go off 15 seconds after you pressed a key (*LIGHTS OFF*).

When the phone is used with accessories, the lights can be set individually for some of the accessories. Connect the phone to the accessory before changing the setting.

One Key Calling (MENU 4 5)

Store frequently used phone numbers in the memory, and activate the One Key Calling function. Then with the display clear, phone numbers in memory locations 1-9 can be rapidly dialled by pressing and holding the respective number key.

Keys to activate one key calling function:
MENU 4 5, ▼ or ▲, **M**

Automatic Redial (MENU 4 6)

The number you are trying to call or the cellular network may be busy. You can set the phone to redial a number automatically. The phone will make a maximum ten retries. You can end the call attempts by pressing ☎ or restart the redialing by pressing ☏.

Keys to activate automatic redial:
MENU 4 6, ▼ or ▲, **M**

Automatic Answer (MENU 4 7)

When the phone is connected to a HF Car Kit or to a Headset, you can set the phone to answer a call automatically after one ring.

Keys to activate automatic answer:
MENU 4 7, ▼ or ▲, **M**

Keyguard (MENU 4 8)

The keypad lock, keyguard, prevents key from being accidentally pressed when, for example, the phone is in your pocket. When the keyguard is On, calls may be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number), but the emergency number will be shown on the display only when all the digits have been keyed in.

To activate the keyguard:
Press **MENU 4 8** (or press **MENU** ✶).
    When any key is pressed when keyguard is active, the *PRESS MENU* ✶

prompt will appear. You can answer an incoming call in the normal way by pressing ☏. During a call the keyguard is not active and you can operate the phone as usual. When the call is finished, the keyguard becomes active again.

Press **MENU** and ✶ to deactivate the keyguard.

Language (MENU 4 9)

You can select the language for the display texts. The alternative languages are Hungarian, Finnish, Norwegian, Swedish, Danish, Dutch, German, English, French, Italian, Spanish, Portuguese, Greek, Russian, Turkish, Polish and Czech.
If you choose *AUTO SELECT*, the phone will set the language according to the information in the SIM card inserted into the phone.

Keys to set language:
MENU 4 9, ▼ or ▲, **M**

Note:
All the languages may not be available in your phone.

Security Options (MENU 5)

PIN Code Request (MENU 5 1)

You can select whether or not the phone, with the SIM card inserted, asks for the PIN code when you switch the phone on.

However, the network operator may configure the SIM card so that you can not disable the PIN code request. If that is the case, the message *NOT ALLOWED* will be shown on the display when you select PIN Code Request.

Key press sequency:
MENU 5 1, key in your PIN code, **M**, ▼ or ▲ to select *REQUEST ON* or *REQUEST OFF*, **M**

Security Level (MENU 5 2)

The phone can be set at two different security levels. When the security level setting is active, the security code will be required whenever you insert a new SIM card.

① Press **MENU 5 2**.

② Key in your security code and press **M** to confirm it.

③ Press ▼ or ▲ to select a security level option
NO SECURITY
no security code is needed when the phone is switched on with a new SIM card inserted.

PHONE SECURITY
the security code is required if you insert a SIM card that the phone does not recognise as an owner card. After the correct security code is keyed in, the card is recognised as an owner card.

④ Press **M** to confirm your choice.

When you change the security level, the list of dialled calls, received calls and missed calls will be erased.

Change Codes (MENU 5 3)

Change Security (MENU 5 3 1)

To change the security code:

Press **MENU 5 3 1**,
key in the current security code and press **M**,
key in the new code and press **M**,
key in the new code again and press **M**

Change PIN Code (MENU 5 3 2)

When the PIN Code Request is set *ON*, you can change your PIN code.

Press **MENU 5 3 2**,
key in the current PIN and press **M**,
key in the new PIN and press **M**,
key in the new PIN again and press **M**

If you have forgotten your PIN, use your PUK code to enter a new PIN. See section '4. Getting Started - Access Codes'.

Change PIN2 Code (MENU 5 3 3)

To change your PIN2 code:

Press **MENU 5 3 3**,
key in the current PIN2 and press **M**,
key in the new PIN2 and press **M**,
key in the new PIN2 again and press **M**

Change Password (MENU 5 3 4)

A network password is required when you wish to use the barring services of your network. You can change the network password provided that the phone is registered on the network.

Press **MENU 5 3 4**,
key in the current password and press **M**,
key in the new password and press **M**,
key in the new password again and press **M**

Restore Settings (MENU 5 4)

You can reset the menu functions to the original factory settings if you have lost track of your customised settings. The memory, timers, counters and language are not reset.

Press **MENU 5 4**,
key in security code and press **M**

Call Info (MENU 6)

Call Timers (MENU 6 1)

The phone shows the duration of the last call and the duration of all the calls (in hours, minutes and seconds) made and received after you last reset the timer. You can set call duration timers to zero.

Inserting a new SIM card does not clear the call timers.

① Press **MENU 6 1**.

② Press ▼ or ▲ to reach the option you require
LAST:
indicates the duration of the last or current call,

TOTAL:
indicates the duration of all the calls or

CLEAR TIMERS
sets both call timers to zero. You are prompted to enter your security code, *SECURITY*. Key in your security code, and press **M** to confirm it.

Note:
The actual time invoiced for calls by your service provider may vary, depending upon network features, rounding-off for billing, and so forth.

Call Costs (MENU 6 2)

This network function allows you to check the cost of your last call and the total cost of all the calls. The costs are shown in charging units or units of the currency if given in the menu 'Costs Display'. You can also set the call costs counters to zero.

① Press **MENU 6 2**.

② Press ▼ or ▲ to reach your choice.
LAST:
indicates the costs of the last or current call

TOTAL:
indicates the total cost of all calls

CLEAR COUNTERS
sets both call counters to zero. The phone prompts for your PIN2 code. Key in the code, and press **M** to confirm it.

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

Cost Limit (MENU 6 3)

This network function allows you to set a cost limit for the calls with your SIM card. The phone will display the amount of available units or currency. When the cost limitation is active, calls can be made as long as the limit is not exceeded. If the Costs Display is set to *COSTS IN UNITS*, the cost limit must be set as call charging units.

① Press **MENU 6 3**.

② Key in your PIN2 code.

③ Press **M** to confirm it.

④ Press ▼ or ▲ to select
SET LIMIT
for limitation of call costs. Press **M** and set the currency value by using the number keys. The decimal point is created with the key ✶ or **#**. E.g. for 23.40, key in 23✶40.

NO LIMIT
no limitation for call costs

⑤ Press **M** to confirm.

Costs Display (MENU 6 4)

This network function allows you to select the currency mode, that is to set a call charging unit price and a currency name. The maximum length for a currency name is three characters, e.g. £, FIM.

① Press **MENU 6 4**. The phone prompts you to enter the *PIN2* code.

② Key in the PIN2 code.

③ Press **M** to confirm.

④ Use ▼ or ▲ to select *COSTS IN CURRENCY* or *COSTS IN UNITS* and press **M**.
If you select *COSTS IN CURRENCY*, the phone prompts you for a unit price for the call charging, *PRICE*.

Key in the price e.g. 1✱04 for 1.04.
Press **M**. The phone prompts you for
the currency, *CURRENCY*.
Key in the currency e.g. £ or FIM and
press **M**.

Cell Info (MENU 6 5)

Micro Cellular Network, MCN, provides
GSM service in densely populated areas
by using small cells and offering potentially
lower costs to MCN subscribers. As cost
charging within MCN cell may differ from
the regular GSM cell, the phone can be set
to display which kind of cell it is using.

To set the Cell Info display ON:

① Press **MENU 6 5**.

② Use ▼ or ▲ to select *INFO ON*.

③ Press **M** to confirm.

Network Select (MENU 7)

In the automatic network selection mode
the phone will automatically attempt to reg-
ister on the network it was last registered
on. If the phone does not find that net-
work, it will search for the home network
which is the network run by the operator
whose SIM card is in your phone. If the
home network is not found, the phone will
search for another available network which
has a valid roaming agreement with your
home operator, and it will then register on
that network.

Selecting a Network Manually

In the manual network selection, the phone
will show a list of available networks from
which you can select. When the network is
selected manually, the phone will not
change to another network if it loses con-
tact with the selected one. The phone will
stay in manual mode until the automatic
mode is selected or another SIM card is in-
serted in the phone.

① Press **MENU 7**.

② Press ▼ or ▲ to select *MANUAL SE-
LECT*, and press **M**. The phone scans
for available networks. During the
search the message *SEARCH ACTIVE*
will be displayed. Do not press any key
while this takes place as it may termi-
nate the search.

③ Press ▼ or ▲ to scroll through the list
of available networks.

④ Press **M** to register on the network se-
lected.
If your home operator does not have a
roaming agreement with the selected
network, the message *NO ACCESS* is
displayed and another network must
be selected.

Ringing Options (MENU 8)

You can select a different ringing tone for incoming calls.

① Press **MENU 8**.

② Press ▼ or ▲ to select from the following options:
RING
ringing tone is heard

BEEP ONCE
only a short alerting tone is heard. The display lights and the indicator *CALL* are blinking.

SILENT FUNCTION
only the lights and the indicator *CALL* or caller's phone number or name are blinking, no ringing tone is heard

③ Press **M** to confirm.

Number Editor (MENU 9)

Using the number editing function allows you to edit the content of a number currently displayed.

① Press **MENU 9** to activate the Number Editor. A blinking pointer appears at the first digit position of the telephone number.

② The pointer can be moved to the left or right by pressing ▼ or ▲.

③ Press **C** and the digit to the left of the pointer will be deleted.
The added digits will appear also on the left side of the pointer.

④ Press **M** to confirm when the number has been edited.

Care and Maintenance

Your phone is a product of superior design and craftmanship 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 small children's reach.

Keep the phone dry. Precipitation, humidity and liquids 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 the phone warms up (to its normal temperature), moisture can form inside the phone, which may damage electronic circuit boards.

Do not attempt to open the phone. Non-expert handling of the phone 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. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

If the phone or any of its accessories are not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

English

Important Safety Information

Traffic Safety

Do not use a hand-held telephone while driving a vehicle. If using a hand-held phone park the vehicle before conversing.

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. The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

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.

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 if you have any questions. Other electronic equipment may also be subject to interference.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position.

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.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

Only qualified personnel should install or service the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Electronic fuel injection systems, electronic anti-skid braking systems, electronic cruise control systems and other electronic systems can malfunction due to the lack of protection from radio signals. Check regularly that all cellular phone equipment in your vehicle is mounted and operating properly.

Switch off your cellular phone when in an aircraft. The use of cellular telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and is illegal.

Failure to observe these instructions may lead to suspension or denial of cellular telephone services to the offender, or legal action or both.

Emergency Calls
IMPORTANT!

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

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate cellular signal strength. Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with local cellular service providers.

To make an emergency call:

① If the phone is not on, switch it on. Some networks may require that a valid SIM card is properly inserted in the phone.

② Press and hold the **C** key for several seconds to 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 (Keyguard, Call Restricting etc.), you may first need to turn those features off before you can make an emergency call. Consult this document 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 cellular 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.

Using This Guide

The cellular phone described in this guide is approved for use in GSM network.

A number of features included in this guide are called Network Services. They are special services provided by cellular service providers. Before your can take advantage of any of these Network Services, you must subscribe to the service(s) you require from your home service provider. You can then activate these functions. The manual activation commands for various services are not presented in this guide (e.g. using ✶ and **#** characters for activating or deactivating services). The phone nevertheless is capable of handling commands given in that form. For these commands please consult with your service providers.

WARNING!

This apparatus is intended for use when supplied with power from ACH-8E/X/A, LCH-6, LCM-1, CGH-1, CGH-2 or ACH-6E/X/A. Other usage will invalidate any approval given to this apparatus and may be dangerous.

IMPORTANT!

Use only accessories approved by the phone manufacturer. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.