User´s Guide
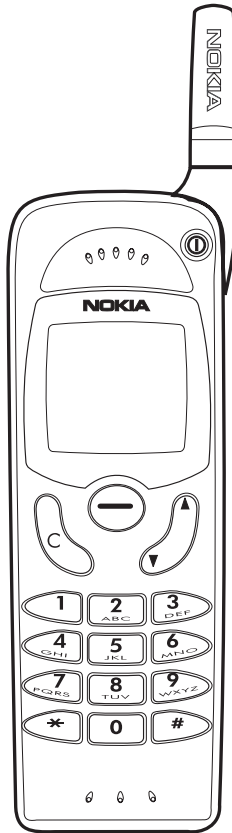
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9351663

For Your Safety

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 phone 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 normal position (to ear). Don't touch the antenna unnecessarily.

SWITCH OFF WHEN REFUELLING
Don't use phone at a refuelling 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 be subject to interference which could affect performance.

MAKING CALLS
Ensure that the phone is switched on and in service. Enter the phone number, including the area code, then press ⊖ **(Call)**.
To end a call press ⊖ **(End)**.
To answer a call press ⊖ (**Answer**).

EMERGENCY CALLS
Ensure that the phone is switched on and in service. Hold Ⓒ for several seconds, to clear the display. Enter the emergency number, then press ⊖ **(Call)**. Give your location. Do not end the call until told to do so.
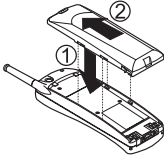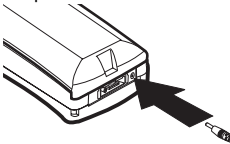
Quick Start

Here are a few basic instructions about using your new Nokia 540 phone:
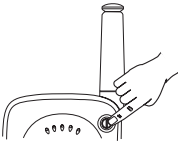
① Attach the battery to the phone.

② Connect the charger to the bottom of the phone.

③ To switch the phone on/ off, press ⓪.

To make a call:

④ If your phone is within the network service area (if the **O** symbol appears on the display), you can make a call.

⑤ To make a call, key in the desired phone number (including the area code).

⑥ Press ⊝ (**Call**) to make a call.

⑦ Press ⊝ (**End**) to end a call.

To receive a call:

① Press ⊝ (**Answer**).

To correct keypresses or to clear the entire display:

① Press ⓒ.

For more details about these and other functions, see the appropriate pages of this guide.

Contents

1. Basic Information

Using This Guide

The cellular phone described in this guide is approved for use in a NMT 450 network. A number of features included in this guide are called Network Services provided by cellular service providers. Before you 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 as described in this guide. The manual activation commands for various services are not presented in this guide (e.g. using 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 cellular service providers. The operation of the phone requires successive key presses; two keys are never to be pressed simultaneously.

Using the Nokia Navi™ Key

The use of your phone is largely based on the Nokia Navi™ Key (⊖) below the display. The function of this Nokia Navi™ Key varies according to the guiding text which is shown above the key on the display.
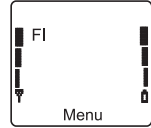
Guiding text

Nokia Navi™ Key
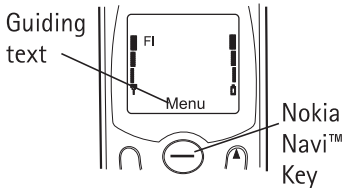
Using the Scroll Key

The scroll key (▼ ▲) has different functions in different operating states.

When the phone is in the basic operating state and the display is clear (i.e. only the network name and the Navi™ Key text **Menu** are displayed), use the scroll key to do one of the following:
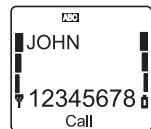
To access the list of last five numbers dialled:

1 Press ▲ once.

2 Use ▼ or ▲ to scroll through the list. The location number (L0-L4) is displayed in the upper right corner of the display.

3 Press ⊖ (`Redial`) to dial the displayed number.
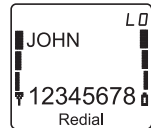
To access the names stored in Phone Book:

1 Press ▼ once.

2 Use ▼ or ▲ to scroll through the stored names.

3 Press ⊖ (`Call`) to dial the displayed name.

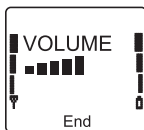### To toggle between call and save modes when you have keyed in a phone number:

1 Press ▼ or ▲ to toggle between `Call` and `Save` mode.

2 Press ⊖ (`Call`) to dial the displayed number, or press ⊖ (`Save`) to store the number in Phone Book.

5 ©1999 Nokia Mobile Phones. All Rights Reserved.

When you are in a call:

- Press ⊽ or ⊼ to adjust the earpiece volume.

```
┃ VOLUME ┃
┃▗▄▄▄▄┃
┓           ▯
        End
```

When you are in the menu facility:

- Press ⊽ or ⊼ to browse through menus, submenus and settings.

When you are editing a name in a menu function:

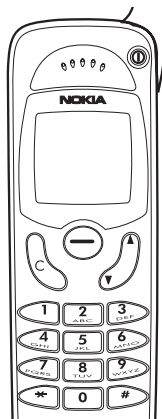- Press ⊽ to move the cursor to the right and press ⊼ to move the cursor to the left.

Using the C Key

- Press © once to delete the character to the left of the cursor when you have keyed in characters.
- Press and hold © to clear the display or to exit the menu facility.

List of Keys

(More detailed information on the use of each key is given in the appropriate place in this guide.)

ⓞ	Press and hold to switch the phone on or off.
⊖	Performs the function indicated by the text above it.
⊼ ⊽	*In Phone Book:* scrolls through the stored phone numbers & names. *In menu facility:* scrolls through menus and settings.
	During a call: adjusts the earpiece volume. *With clear display:* ⊼ enters the list of last dialled numbers, ⊽ enters the names stored in Phone Book.

©   Deletes characters from the display. Also exits the menu.

⬛ 0 ⬛ - ⬛ 9 ⬛   Used to enter numbers, letters and special characters.

⬛ 1 ⬛   calls your voice mailbox when pressed and held.
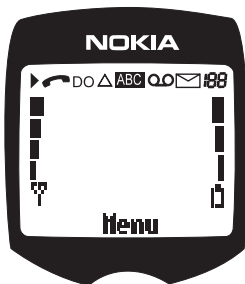
⬛ * ⬛ ⬛ # ⬛   ⬛ * ⬛: Press once for *, twice for + (replaces international access code).

⬛ # ⬛: For manual command strings

Display Indicators

📶 and bar (left side of display)

Signal strength indicator. The bar above the symbol indicates the current signal strength at the location of your phone. The higher the bar, the better the signal in the area.

No bar: You are outside the coverage area and cannot make any calls.

🔋 and bar (right side of display)
Charge level indicator. Indicates the charge level of the battery. The higher the bar, the better the battery charge.

▶

Call Forwarding indicator. When the symbol is displayed, your incoming calls are being transferred to another number (NMT network service).

📞

Call-indicator. A call is in progress.

O
Service indicator. Indicates that you are in a cellular service area. If it does not appear on the display, you are outside the service area and the network cannot serve you.

△

Roam indicator. Comes on when the NMT network cannot transmit calls to your phone. Press ⊖ to reregister the phone on the system, or try to make a call.

ABC
Alpha mode indicator. Shows that the phone is in alpha mode and letters can be keyed in or displayed.

ꔛ
Indicates that you have received a voicemail message which you can listen to by calling the voicemail centre number. The ꔛ indicator appears on the display until you call the voice-mail centre number.
Note: This function is operational only if the local network supports it. Check with the network service operator.

188
Menu function/memory location indicator. Indicates which Menu function is active, or which memory location is currently being used.

COUNTRY CODE (e.g. FI , SV)
Indicates in which country the phone will operate. If you wish to change the code, see Menu 2 0 'Country'.

Charging a New Battery

Before you can use your phone, you must fully charge the battery. A new battery must be charged for at least 16 hours before being used for the first time. Attach the battery to the phone and connect the charger to the bottom of the phone as described on page 3.

Battery Information

When the battery charge is low, the warning message *BATTERY LOW* flashes at regular intervals.

Finally, the message *RECHARGE BATTERY* is displayed. If you do not recharge your battery, the phone switches off after a while. While charging is in progress, the battery charge bar on the display scrolls repeatedly from clear to full. When the bar stops scrolling and remains at a full bar, and a message *BATTERY FULL* appears on the display, charging is completed. If the display bar continues to scroll, charging may be temporarily disrupted (for instance, if the battery is too hot or too cold).

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.

Note that a new NiMH battery achieves full performance only after two or three complete charge and discharge cycles!

For good operation times when using a NiMH battery, discharge the battery from time to time by leaving your phone switched on until it turns itself off. Do not attempt to discharge the battery by any other means.

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.

Battery performance will vary with the condition of the battery. The following conditions will reduce battery performance: temperature extremes, poor charging or discharging practices and improper storage.

The NiMH batteries' performance is particularly limited in temperatures below –10°C and that of Li-Ion batteries' is particularly limited in temperatures below 0°C. Therefore, the battery should be kept protected from the cold, e.g. in a pocket, if it is to be exposed to low temperatures for long periods.

The approximate charging times, for charging empty batteries to an 80% capacity, while using the Fast Travel Charger and Standard Charger are:

Fast Travel Charger NiMH battery:		Standard Charger NiMH battery:	
550 mAh	60 min	550 mAh	3 h
Li-Ion batteries:		**Li-Ion batteries:**	
400 mAh	50 min	400 mAh	2,5 h
1500 mAh	180 min	1500 mAh	9 h

A trickle charge to full 100% capacity would require a couple of hours more, but it is not necessary in normal use.

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.

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes direct connection between 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 (59°F and 77°F). A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged.

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

- Do not dispose of batteries in a fire!

Accessories

An extensive range of accessories is available for your phone. You can select these according to your special communication needs. For availability of accessories, check with your local dealer. When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

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.

Call Forwarding

Call transfer is an NMT system feature. Contact your system provider for further information. This feature allows you to transfer incoming calls to another telephone number.

Signal Strength

The quality of your call depends on the strength of the cellular signal in your area. The phone displays current field strength as a series of bars on the left-hand side of its display screen - the more bars, the better the signal in your area.

If the signal is poor, you can try moving the phone slightly to improve reception. If you are using the phone in a building, you may find that reception is better near a window.

Switching On/Off

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

Press ⓞ to switch the phone on /off. When turning the phone on, it will carry out a short self-test, briefly displaying its number, or the name associated with the number (operator, dealer or your own name).

When the appropriate country code and the O indicator appear on the display, the phone is ready for use.

A cellular phone can only make and receive calls when it is switched on.

2. Basic Functions

Making a Call

① Key in the number (include the area code, even if you are making a local call).

If you make a mistake you can delete the last number by pressing ⓒ or clear the whole display, by pressing and holding ⓒ for half asecond.

② Press ⬭ (**Call**).

The ☎ indicator and the dialled number will appear on the display. Also the name of the person you are trying to call appears on the display for 5 seconds, if it is stored in the phone's memory. When the number clears from the display and a tone is heard, the phone has transmitted the number.

③ Lift the phone to your ear, and wait until your call is answered, then speak.

④ When you have finished the call, press ⬭ (**End**).

If the message *LOCKED* appears on the display, your phone has been locked (see 'Phone Settings, Phone Lock'). When the phone is locked, calls may be possible to the emergency number preprogrammed into your phone (e.g. 112 or some other official emergency number).

Also all calls may be received (see 'The Phone Book').

To redial the last number called:

① Press ⒶΔ and ⬭ (**Redial**) or

② by first pressing ▭ and ☞ keys and then ⬭ (**Redial**) .

International Calls

Note: This function is operational only if thelocal network supports it. Check with the network service operator.

When calling abroad a + character can be inserted in front of the country code instead of the international access code.

For example, when calling abroad from Finland, instead of dialling

>   990 010 81 123 456
>   + 010 81 123 456 can be used.

① Press the ☀ key twice to insert a + character.

If you also store all of your domestic phone numbers with the prefix +, you need not insert the phone number with the international access codes when you wish to call these numbers from abroad.

If the network does not support this function, a message *PREFIX + CANNOT BE USED* may appear on the display. Then, the international access code must be keyed in.

Receiving a Call

When there is an incoming call, you will hear the ringing tone and the text *CALL* appears on the display. If the ringing tone has been switched off - the *SILENT* option has been selected for privacy or other reasons - the lights will flash instead and only a short beep will be heard (see 'Sound Settings, Ringing Volume'). An easy way to select the *SILENT* option is to press **Menu** and ☞ .

If the caller can be identified (if the network supports this function), the caller's phone number (or the name, if it is stored in the memory) appears on the display together with the text *CALLING.*

Note: This function, which enables the caller to be identified, is operational only if the local network supports it. Check with the network service operator.

If the call is diverted from another number, the **>** indicator appears on the right-hand side of the third display row.

If the caller cannot be identified and the call is diverted, the message *DIVERTED CALL* appears on the display.
Note: Call Divert function is operational only if the local network supports it. Check with the network service operator.

① Press ⊖ (**Answer**) to take the call.

When you have finished speaking, press ⊖ (**End**).
If you don't answer the call, the message *1MISSED CALL* appears on the display. With the ⊖ (**List**) key you can check the number or a name of the missed call, if the network supports caller identification. Press and hold © to clear the display.

Adjusting the Earpiece Volume

The volume of the earpiece can be adjusted during a call with the scroll key.

Press ▲ to increase the volume level and ▼ to decrease the volume level.

Any Key Answering

The phone is equipped with an any key answering option (press any key except ⓪ to answer a call). If you receive an incoming call at the same time as you are keying in a number, the any key answering feature becomes active after the first ringing tone.

Speed Dialling

Together with keys 1-9 and ⊖ (**Call**) you can call numbers stored in memory locations 1-9.
① Press the number of the memory location (1-9).

② Press ⊖ (**Call**) to call the number.

Last Number Redial

The phone automatically stores the last 5 numbers (and associated names) that you have called or tried to call. To scroll through the 5 numbers last called:

① Press and hold © to clear the display. Press ▲ to see the last number called or the name if it is stored with the number

② With the ▲ and ▼ key you can scroll through the last numbers called and

③ with ⊖ (**Redial**) you call the number which appears on the display.

Note: In **Menu 1 3** you can select (*ERASE ALL RECENT CALLS*) if you want the last numbers called to be cleared from the memory.

Keypad Lock

The phone's keypad can be locked to prevent accidental keypresses, e.g. when the phone is in your pocket.
Note: When the keypad is locked, calls may be possible to the emergency number preprogrammed into your phone (e.g. 112 or some other official emergency number).

To lock the keypad:

① Press ⊖ (**Menu**) and ✱.

The *KEYPAD LOCKED* message appears on the display. When any key is pressed the *Press Menu and then ✱* message is shown. To answer a call when the keypad is locked, press ⊖ (**Answer**). During a call, the keypad is not locked, and you can operate the phone as usual.

To unlock the keypad:

① Press ⊖ (**Unlock**) and ✱.

When the keypad is unlocked, the *KEYPAD ACTIVE* message appears, and the phone operates in the usual way.

Calling the Voice Mailbox

You can call your voice mailbox by pressing and holding the 1 key.

3. The Phone Book

The phone has 97 standard memory locations which allow you to store information as follows:

- Phone numbers of up to 24 digits each
- Names of up to 16 letters each

Memory location 98 holds the phone's number with a country code prefix. The location cannot be edited.

Memory location 99 stores the phone's own number and a welcoming message (max. 16 letters).

Memory location 00 is the so-called scratchpad memory where you can store information temporarily during a call (see Scratchpad Memory). This 00 memory location is cleared when the phone is switched off.

Memory location 0 is for the last number called.

Viewing and Accessing the Phone Book

You can view the phone's memory or Phone Book by pressing the Ⓐ or Ⓥ key. The Ⓥ key shows, in alphabetical order, the names stored in the Phone Book (the Ⓐ key shows the names in reverse alphabetical order). You can also access the Phone Book by selecting Menu 0, Phone Book with the key ⊖ (**Menu**).

Keying in Letters

Keys 2 - 9 are labelled with three letters. When you wish to key in letters, press the key labelled with the letter you want once (before the **ABC** flashes). If the character displayed is not the character you want, press the key again (before the **ABC** flashes) and if you still don't have the character you want, press the key a third time (before the **ABC** flashes).

If you miss the letter you want, press the key repeatedly until the letter you require reappears.

Select further letters in the same way.

You can select upper case or lower case letters by pressing and holding the key for a few seconds. Additional characters can be displayed (by repeatedly pressing the key) as follows:

1-key - ? ! 1 , . : " ' & $ £ ( ) / % @
2-key A B C 2 Ä Å à AE Ç
3-key D E F 3 è É
4-key G H I 4 ì ¡
5-key J K L 5
6-key M N O 6 Ñ Ö Ø ò
7-key P Q R S 7 ß
8-key T U V 8 Ü ù
9-key W X Y Z 9
0-key 0
#-key a blank space
*-key *** +**

## Storing a Name and a Number in Phone Book

① Press the ⊖ (**Menu**) key to enter the Phone Book menu.

② Press ⊖ (**Select**) to see the list of sub-menus or functions.

③ Use the scroll keys Ⓐ Ⓥ to scroll through the list of options (**Search, Add, Edit, Erase**).

④ Use the ⊖ (**OK**) key to accept the **Add** option.

⑤ Key in the name you wish to store with the phone number.

⑥ Press ⊖ (**Name OK**) when you have keyed in the name or if you wish to store just the number.

⑦ Key in the number.

⑧ Press ⊖ (**Number OK**) when you are ready.

⑨ The **Saved** text together with the memory location number will tell you that the name and number are stored in the Phone Book.

If the are no empty memory locations in the Phone Book, an error message NO SPACE is displayed and no storing takes place.

If the name is already in the Phone Book, a REPLACE? message is shown. Use the ⊖ (**OK**) key to replace the contents of the memory location.

Finding a Name or a Number in Phone Book

① Press the ⊖ (**Menu**) key to enter the Phone Book menu.

② Press ⊖ (**Select**) to see the list of submenus or functions.

③ Use the scroll keys Ⓐ Ⓥ to scroll through the list of options (**Search, Add, Edit, Erase**).

④ Use the ⊖ (**OK**) key to accept the **Search** option.

⑤ Key in the name or its first letters.

⑥ Press ⊖ (**Search**) to get the name on the display.

⑦ Press ⊖ (**Call**) to call the number or

⑧ use the scroll keys to scroll through other names and numbers in the Phone Book.

⑨ You can also use the letter keys to scroll the Phone Book in any order you like, e.g. press the letter P and the first name stored under the letter P is shown on the display.

Editing a Name or a Number in Phone Book

① Press the ⊖ (**Menu**) key to enter the Phone Book menu.

② Press ⊖ (**Select**) to see the list of submenus or functions.

③ Use the scroll keys Ⓐ Ⓥ to scroll through the list of options (**Search, Add, Edit, Erase**).

④ Use the ⊖ (**OK**) key to accept the **Edit** option.

⑤ Press ⊖ (**Edit**) to see the first number stored in the Phone Book.

⑥ Press ⊖ (**Edit**) to start editing the name first or use the scroll keys to scroll through other names and numbers in the Phone Book.

⑦ Use the ©️ key to delete letters or numbers and the scroll keys to move the cursor to the location where you wish to edit.

⑧ Press ⊖ (**Name OK**) when you have finished editing the name. The phone number stored with the name appears on the display.

⑨ Press ⊖ (**Number OK**) when you have finished editing the number.

The message **Saved** will appear on the display when you have finished editing.

Deleting a Name or a Number in Phone Book

① Press the ⊖ (**Menu**) key to enter the Phone Book menu.

② Press ⊖ (**Select**) to see the list of options.

③ Use the scroll keys Ⓐ Ⓥ to scroll through the list of options (**Search, Add, Edit, Erase**).

④ Use the ⊖ (**OK**) key to accept the **Erase** option.

⑤ The phone asks for a name to be deleted.

⑥ Key in the name and press ⊖ (**Search**) to get the name and the number on the display or use the scroll keys Ⓐ Ⓥ to scroll through the Phone Book.

⑦ Press ⊖ (**Erase**) to delete the Phone Book entry. The message **Erased** will appear on the display to verify this.

Scratchpad Memory

In addition to its 97 permanent memory locations, the phone has one short-term memory location (00), where a telephone number keyed in during a call is temporarily stored. The number is cleared from memory when the phone is switched off.

① Key in a number during a call. The phone will automatically store the number in the scratchpad memory location 00 when you end the call.

Any information previously stored in the scratchpad memory will be erased.

To move a number from the scratchpad memory location to a permanent memory location:

② Recall it from the scratchpad memory by entering 00#. Once the number is on the display, you can store it in a permanent memory location if you wish:

③ Press Ⓐ, so that the text (**Call**) is changed into text **Save** and then save it into the memory simply by pressing ⊖ (**Save**).

(When the location 00 is not in use, the phone's **SIS** security reference code can be checked there. The reference code is used by the NMT network to register your phone.)

4. The Menu Facility

The menu allows you to check and change the settings for certain functions, e.g. whether they are currently switched on or off.

① Press the ⊜ (**Menu**) key to enter the Menu facility and scroll through the menu with the scroll keys ⓐ ⓥ.

② If a menu contains several submenus you can also scroll through them with the scroll keys ⓐ ⓥ.

③ Press ⊜ to enter a submenu.

④ You can press the © key, at any time, to quit the menu function and go back to the previous Menu level.

⑤ Accept the new setting with the ⊜ (**OK**) key.

Note: if you choose not to change any setting, you can exit the Menu function with the © key.

The Shortcut Menu

① Press the ⊜ (**Menu**) key.

② Press the number of the desired menu.

For example, to enter **Menu 0** , press ⊜ (**Menu**) **0** . Similarly, to enter the **submenu 0 1**, you can press ⊜ (**Menu**) then press the **0** key and then again ⊜ (**Menu**) and **1**.

Note: in all Menu functions 0 - 5 you can enter the submenus by using the shortcut, as described above.

See the Menu Map on the following page for a list of menus and submenus.

The Menu Map

Menu 0	**PHONE BOOK**	**1 SEARCH** **2 ADD** **3 EDIT** **4 ERASE**
Menu 1	**RECENT CALLS**	**0 DIALLED CALLS** **1 RECEIVED CALLS** **2 MISSED CALLS** **3 ERASE ALL RECENT** **CALLS**
Menu 2	**PHONE SETTINGS**	**0 COUNTRY** **1 PHONE LOCK** **2 BATTERY CHARGING** **3 CLOCK** **4 AUTOMATIC** **ANSWER** **5 LANGUAGE**
Menu 3	**VOICE** **MESSAGES**	**0 LISTEN TO VOICE MESSAGES** **1 SET VOICE MAILBOX** **NUMBER**
Menu 4	**CALL DURATION**	**0 LAST CALL** **1 OUTGOING CALLS**
Menu 5	**SOUND SETTINGS**	**0 RINGING VOLUME** **1 RINGING TONE** **2 KEYPAD TONES**

Menu Functions

You can enter all the Menu functions described on the following pages in the same way as in the examples PHONE BOOK (Menu 0) or RECENT CALLS (Menu 1) or as described in the Shortcut Menu.

To leave the menu function without making a change, press ⓒ.

Phone Book (Menu 0)

With **Menu** function **0**, you can access the phone's memory or Phone Book. You can either Search, Edit or Erase existing information or Add new information in Phone Book.

① Press the ⊖ (**Menu**) key to enter Phone Book menu.

② Press ⊖ (**Select**) to see the list of sub-menus.

③ Use the scroll keys ⓐ ⓥ to scroll through the list of options (**Search, Add, Edit, Erase**).

Search (Menu 0 1)

For more information about this menu function, please see chapter '3. The Phone Book, Finding a Name or a Number in Phone Book'.

Add (Menu 0 2)

For more information about this menu function, please see chapter '3. The Phone Book, Saving a Name or a Number in Phone Book'.

Edit (Menu 0 3)

For more information about this menu function, please see chapter '3. The Phone Book, Editing a Name or a Number in Phone Book'.

Erase (Menu 0 4)

For more information about this menu function, please see chapter '3. The Phone Book, Deleting a Name or a Number in Phone Book'.

Recent Calls (Menu 1)

With **Menu** function **1** you can view the automatically stored numbers of the last 5 dialled, received and missed calls and you may choose to clear all these numbers from the phone's memory.

① Press the ⊖ (**Menu**) key to enter the Recent Calls menu.

② Press ⊖ (**Select**) to see the list of sub-menus.

③ Use the scroll keys ⓐ ⓥ to scroll through the list of options (**Dialled Calls, Received Calls, Missed Calls, Erase All Recent Calls**).

Dialled Calls (Menu 1 0)

This menu function allows you to scroll through the last five dialled numbers with the scroll keys ⓐ ⓥ and to redial any of them with the ⊖ (**Redial**) key.

Received Calls (Menu 1 1)

This menu function allows you to scroll through the last five received numbers with the scroll keys ⓐ ⓥ and to redial any of them with the ⊖ (**Redial**) key.

Missed Calls (Menu 1 2)

This menu function allows you to scroll through the last five missed numbers (someone called but you did not answer) with the scroll keys ⓐ ⓥ and to redial any of them with the ⊖ (**Redial**) key.

Erase All Recent Calls (Menu 1 3)

Press ⊖ (**Erase**) to erase all dialled, received and missed calls from the phone's memory.

Phone Settings (Menu 2)

With **Menu** function **2** you can change the following settings:

Country (Menu 2 0)

This menu allows you to select a country if you are travelling and wish to use your phone in another country where a NMT 450 network operates.

① Use the scroll keys Ⓐ Ⓥ to scroll through the list of available countries.

② Press the ⊝ (**OK**) key to select a country. The selected country code is displayed on the right hand side of the third display row.

Phone Lock (Menu 2 1)

Your phone can be locked to prevent unauthorised use For this you need a four-digit lock code provided in the sales package/ by your service provider.

① Press ⊝ (**Select**) to see the list of submenus.

② Use the scroll keys Ⓐ Ⓥ to scroll through the list of options (**Activate**, **Cancel**, **Status**).

The message LOCKED stays on the display in idle mode if you select to **Activate** the phone lock.
When the phone is locked, calls may be possible to the emergency number preprogrammed into your phone (e.g. 112 or some other official emergency number).
All calls may be received.
Access to memory is prevented.

Battery Charging (Menu 2 2)

With this menu you can prevent continuous charging of the battery and allow your battery to discharge.
Select battery charging Off and the battery will be prevented from charging continuously.

When the battery capacity has decreased to the shutdown level, the setting changes automatically to the On state and charging can begin again once the phone is connected to a charger.

Clock (Menu 2 3)

This menu function allows you to check the time on your phone, but only if the network supports the function. The time is shown on the third display row when the phone is in idle mode, conversation mode or when the phone's keypad is locked.

Use ⊝ (**Select**) and the scroll keys Ⓐ Ⓥ to switch the phone's clock On or Off.

Automatic Answer (Menu 2 4)

This menu function is used in connection with a headset and with the Handsfree-facility of the carkit. If the Automatic Answer is On, the phone will alarm shortly and answer automatically, if it is used in a car-kit or together with a headset adapter.

Note: if the phone is operating in **Silent** mode, the Automatic Answer function is not available.

Use ⊝ (**Select**) and the scroll keys Ⓐ Ⓥ to switch the Automatic Answer On or Off.

Language (Menu 2 5)

With this menu you can select a language which your phone operates with. There are two languages you can select from: English and a supplementary language programmed to your phone.

Use ⊝ (**Select**) and the scroll keys Ⓐ Ⓥ to select a language.

Voice Messages (Menu 3)

This menu function allows you to listen to your voicemail messages or to edit you voice mailbox number.

Listen to Voice Messages (Menu 3 0)

Note: This function is operational only if the local network supports it. Check with the network service operator.

When you have received a new voicemail message, the ⚋ indicator appears on the display until you call the voicemail centre number programmed into your phone.
Press ⚋ (**Select**) to do so.

Set Voice Mailbox Number (Menu 3 1)

With this menu you can enter a voice mailbox number into your phone's memory or edit the already existing voice mailbox number.

Call Duration (Menu 4)

With **Menu** function **4** you can check the duration of the last call you have called with your phone **Last Call (Menu 4 0)** or the total duration of all calls **Outgoing Calls (Menu 4 1)**.

Use ⚋ (**Select**) and the scroll keys ⊛ ⊛ to check the time which is shown on the third display row in hours, minutes and seconds.

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

Sound Settings (Menu 5)

With **Menu 5** you can select a ringing tone type and volume and set the keypad tone On or Off.

Ringing Volume (Menu 5 0)

Your phone has 3 different ringing volumes: **High**, **Low** and **Silent** The currently selected option is shown on the display.

Use ⚋ (**Select**) and the scroll keys ⊛ ⊛ to select a ringing volume.
As you scroll through the list of ringing options, each volume level is demonstrated to you. Press any key to interrupt ringing.

If you select the **Silent** option, the text **Silent** remains on the display in idle mode to remind you that the phone does not ring but incoming calls are indicated by a short beep, blinking of the lights and by a CALL text on the display.

Ringing Tone (Menu 5 1)

Your phone has 7 different ringing tone types. The currently selected type is shown on the display. Use ⚋ (**Select**) and the scroll keys ⊛ ⊛ to select a ringing tone.

As you scroll through the list of ringing tone types, each tone is demonstrated to you. Press any key to interrupt ringing.

Press ⚋ (**OK**) to accept a new ringing tone type.

Keypad Tones (Menu 5 2)

You can switch your phone's keypad tone to On or Off.

Use ⚋ (**Select**) and the scroll keys ⊛ ⊛ to change a setting. Press ⚋ (**OK**) to accept a setting.

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 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 them 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. 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 functioning 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 ser-

vice 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 a 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 for the offender, or legal action or both.

Emergency Calls

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.

② Press and hold the Ⓒ key for several seconds to ready the phone for calls.

③ Key in the emergency number for your present location (e.g. 112 or some other official emergency number). Emergency numbers vary by location.

④ Press the ⏝ (`Call`) key.

If certain features are in use (Keypad Lock, Phone Lock 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.

Troubleshooting

If the power does not come on or stay on: make sure the battery is properly installed in the phone. Make sure the contacts are clean on the battery and the charging stand. The battery charge may be too low for operation. Listen for the low battery warning tones. If the power comes on but the phone does not work: check the **O** and △ indicators; you might be out of the cellular service range.