Hello

We've observed how the exciting buzz of life surrounds you at work or at play. Every minute is vibrant and every day is an adventure. But no matter what you may be doing, we've seen that there are always opportunities for you to have a bit of fun.

That's why you need a companion that shares your outlook in life. A companion that is witty, energetic and allows you to plunge into all the diversity and excitement that life offers. After all, life is all about enjoying moments.

Pulling the result of our observations together gave us the new Nokia 3310. This fully featured model is the evidence of your uniqueness. You can personalise it with different ring tones, profiles, screensavers and changeable Xpress-on™ colour covers*. Voice dialling also makes it more convenient to reach your friends by just pressing a button and using your voice.

To help you stay constantly in touch with your family, friends and colleagues, there's the new and exciting SMS Chat feature. Chatting with someone has never been easier or more fun!

With the new Nokia 3310, you'll be able to take the opportunity to have a bit of fun whatever you may be doing. You may call it having fun staying in touch. At Nokia, we just call it *human* technology.™

* Colour cover is an optional accessory to be purchased separately.

Welcome to your Nokia phone

Power key
- Switches the phone on or off.
- When pressed briefly during a call or when the display is clear: enters the list of profiles.

End key
- Ends or rejects a call. Also exits from any function and goes to the previous menu.

Number keys
- Enter numbers and characters.
- 1 calls your voice mailbox when pressed and held.

Navi™ Key
- Performs the function indicated by the text above it.
- Dials a phone number and answers a call

Scroll keys
- Scrolls through names, phone numbers, menus or setting options.
- When pressed during a call – adjusts the earpiece volume.

- Used for various purposes in different functions

Your Nokia

menu map

Let us help you learn about your new Nokia phone. The menu map you see on the next two pages will take you through the main menu functions in the order that they appear on your phone.

We've included visuals of the 12 menu functions and they are numbered 1 – 12 so you can see the sequence at a glance. And right next to each menu function screen we've listed the special features in your Nokia phone, also in order of appearance so they'll be easy to find.

■ List of menu functions

1. **Phone book**
   1. Search
   2. Service Nos. [1]
   3. Add name
   4. Erase
   5. Edit
   6. Assign tone
   7. Send b'card
   8. Options
      1. Type of view
      2. Memory status
   9. Speed dials
   10. Voice tags

2. Messages
   1. Write messages
   2. Inbox
   3. Outbox
   4. Picture messages
   5. Templates
   6. Smileys
   7. Message settings
      1. Set 1 [2]
         1. Message centre number
         2. Messages sent as
         3. Message validity
      2. Common [3]
         1. Delivery reports
         2. Reply via same centre
         3. Character support

   8. Info service
   9. Voice mailbox number
   10. Service command editor

3. Chat

4. Call register
   1. Missed calls
   2. Received calls
   3. Dialled numbers
   4. Erase recent call lists
   5. Show call duration
      1. Last call duration
      2. All calls' duration
      3. Received calls' duration
      4. Dialled calls' duration
      5. Clear timers
   6. Show call costs
      1. Last call cost
      2. All calls' cost
      3. Clear counters
   7. Call cost settings
      1. Call cost limit
      2. Show costs in
   8. Prepaid credit

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[1] Shown only if supported by your SIM card.
[2] The amount and names of sets may vary. Each set appears in its own submenu.
[3] The shortcut number depends on the amount of sets available.

5. Tones
    1. Ringing tone
    2. Ringing volume
    3. Incoming call alert
    4. Composer
    5. Message alert tone
    6. Keypad tones
    7. Warning and game tones
    8. Vibrating alert
    9. Screen saver

6. Settings
    1. Call settings
        1. Automatic redial
        2. Speed dialling
        3. Call waiting options
        4. Own number sending
        5. Phone line in use
        6. Automatic answer [1]
    2. Phone settings
        1. Language
        2. Cell info display
        3. Welcome note
        4. Network selection
        5. Lights[2]
        6. Confirm SIM service actions
    3. Security settings
        1. PIN code request
        2. Call barring service
        3. Fixed dialling
        4. Closed user group
        5. Phone security
        6. Change access codes
    4. Restore factory settings

7. Call divert

8. Games

9. Calculator

10. Reminders

11. Clock
    1. Alarm clock
    2. Clock settings
    3. Date setting
    4. Stopwatch
    5. Countdown timer
    6. Auto update of date and time

12. Profiles

13. SIM services[3]

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[1] Shown only if the phone is connected to the PPH-1 handsfree car kit or the HDC-5 headset.
[2] Shown only if the phone is connected to the PPH-1 handsfree car kit.
[3] The availability, name and contents depend on the SIM card used.

DECLARATION OF CONFORMITY

We, NOKIA MOBILE PHONES Ltd declare under our sole responsibility that the product NHM-5NX is in conformity with the provisions of the following Council Directive: 1999/5/EC.

Contents

General information

■ Stickers on the sales package

The stickers contain important information for service and customer support purposes. Keep these stickers in a safe and secure place.

Attach the $\boxed{\text{A}}$ sticker to detail page of this owner's guide.

■ Network services

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

Note that dual band functionality is a network dependent feature. Check with your local operator if you can subscribe to and use this functionality.

A number of features included in this guide are called Network Services. They are special services provided by wireless service providers. Before you can take advantage of any of these Network Services, you must subscribe to these service(s) from your home service provider and obtain instructions for their use.

■ Accessories and batteries

This apparatus is intended for use when supplied with power from ACP-7, ACP-8, LCH-9, and DCV-10. Other usage will invalidate any approval given to this apparatus and may be dangerous.

⚠ **Warning!** Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.

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

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

Access codes

The access codes below allow you to avoid unauthorised use of your phone and SIM card.

- **Security code:** Protects your phone against unauthorised use. This code is supplied with the phone. The preset code is 12345.

  Change the code and set the phone to request it using the *Change access codes* and *Phone security* functions of the Security settings menu (page 28). Keep the new code in a safe and secure place, separate from the phone.

- **PIN code:** This code, supplied with the SIM card, protects the card against unauthorised use. If the *PIN code request* function of the Security settings menu (page 28) is set on, the code is sought when the phone is switched on.

  If you enter an incorrect PIN code three times in succession, the SIM card is blocked. Key in the PUK code and press ⬯ (**OK**). Key in a new PIN code and press ⬯ (**OK**). Key in the new code again and press ⬯ (**OK**).

- **PIN2 code:** This code is supplied with some SIM cards and is required to access some functions, such as charging unit counters. If you enter an incorrect PIN2 code three times in succession, you are asked for the PUK2 code.

- **PUK and PUK2 code:** These codes may be supplied with the SIM card. If this is not the case, contact your local service provider.

Detailed user guide

For a more detailed user guide, visit Nokia's Web site at www.nokia.com.

1. Getting started

■ Keys

The basic functions of the phone keys are described below. More information is given throughout this user guide.

The **power key** ① (on top of the phone) switches the phone on or off when pressed and held. The **scroll keys** ⬢ and ⬢ browse through the names and phone numbers stored in the Phone book. The **clear/exit key** ⬡ deletes characters from the display and exits from different functions.

The function of the Nokia Navi™ key (⬤) depends on the text shown above it. In this user guide, the ⬤ symbol is followed by the related guiding text, e.g. ⬤ (**Menu**) or ⬤ (**Select**).

■ Display and standby mode

The indicators described below are shown when the phone is ready for use, with no characters keyed in by the user. This screen is called 'standby mode'.

1. Indicates in which cellular network the phone is being used.
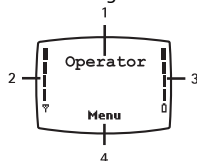
2. Shows the signal strength of the cellular network at your current location.
3. Shows the battery charge level.
4. Shows the current function of the Nokia Navi™ key (⬤).

■ Inserting a SIM card

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

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

- Before installing the SIM card, always make sure that the phone is switched off and then remove the battery.

English

1. Press the locking catch (1), slide the cover (2), and lift the cover (3). Push the two catches in the opposite directions (4) and remove the battery (5).
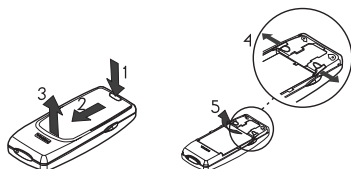
2. Slide the SIM card carefully into the SIM card slot (6).

   Make sure that the golden connectors on the card are facing downwards and that the bevelled corner is on the left.

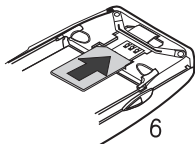3. Align the golden connectors on the battery with the corresponding connectors on the phone and push the opposite end of the battery until it snaps into place (7).
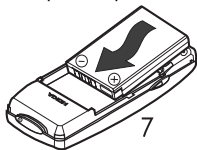
4. Insert the two catches of the back cover in the corresponding slots in the phone (8) and slide the cover towards the bottom of the phone until it locks into place (9).
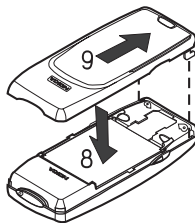
■ Charging the battery

Do not charge the battery when one or both of the phone covers is removed. See also "Battery information" on page 33.

1. Connect the lead from the charger to the base of the phone.
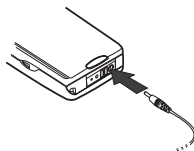
2. Connect the charger to an AC wall outlet. The battery indicator bar starts scrolling.
   - Charging the battery supplied with the phone may take up to six hours when using the ACP-7 charger.
   - If *Not charging* is displayed, wait for a while, disconnect the charger, plug it in again and retry. If charging still fails, contact your dealer.
3. When the battery is fully charged, the bar stops scrolling. Disconnect the charger from the AC outlet and the phone.

■ Switching on or off

Press and hold the ⓞ key for a second.

If the phone requests for a PIN code or security code when switching on:
Key in the code and press ⊝ (**OK**).

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

Note:
•Use the phone only with both covers mounted.

- Normal position: Hold the phone as you would any other telephone.

- Your phone has a built-in antenna (grey area in picture). As with any other radio-transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a call optimizes the antenna performance and the talk-time of your phone.

English

■ Changing the covers

- Before changing the Nokia Xpress-on™ covers, always switch off the phone and disconnect it from the charger or any other device.

- Always store the phone with the covers attached. Read carefully "Care and maintenance" on page 35.

1. Press the locking catch (1), slide the cover (2), and lift it off the phone (3).
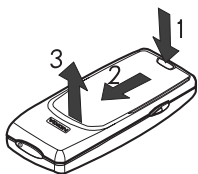
2. Gently pull the cover off the phone starting from the bottom of the phone (4).
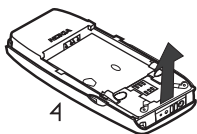
3. Align the top of the phone with the top of the front cover and push the phone towards the cover until it locks into place (5).
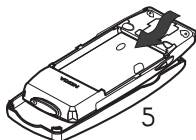
4. Insert the two catches of the back cover in the corresponding slots in the phone (6) and slide the cover until it locks into place (7).

2. Basic functions

■ Making a call

1. Key in the phone number including the area code using the keys ⓪ to ⑨. If you make a mistake, press ⓒ to delete the character to the left.
   To use the number when abroad: Add the + character (press ✳ twice) and country code in front of the area code (remove the leading 0 if necessary).
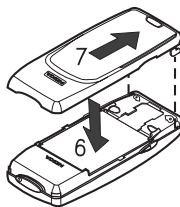
2. Press ⬭ (**Call**) and wait for the answer.
   Adjusting the volume: Press ⬙ to increase or ⬗ to decrease the earpiece volume.

3. Press ⬭ (**End**) to finish the call (or to cancel the call attempt).

Making a call with Phone book

In standby mode, press ⬭ (**Menu**) and then ⬭ (**Select**) twice. Key in the first letter of the name and press ⬭ (**OK**). Scroll with ⬙ or ⬗ to the desired name (press and hold ⌗ for the related number) and press ⬭ (**Call**).

Alternatively: Press ⬗ in standby mode. Find the desired name and press ⬭ (**Call**).

Other ways to make a call

Redialling
To redial one of the last 20 phone numbers you have called or attempted to call: Press ⬙ once in standby mode, scroll with ⬙ or ⬗ to the desired phone number or name, and press ⬭ (**Call**).

Speed dialling
To call a phone number that you have assigned to a speed dialling key using the *Speed dials* function of the Phone book menu (see page 19): Press the given key (② to ⑨) and then ⬭ (**Call**) in standby mode.

Alternatively: If the *Speed dialling* function (see page 27) is on, press and hold the speed dialling key until the call is started.

Voice dialling
See "Voice tags" on page 19.

■ Answering a call

To answer the call, press ⬭ (**Answer**). To divert or reject the call, press ⓒ.

English

In-call functions

During a call, press 🔲 and then ⬤ (**Options**) for the following functions (some of them are network services): *Mute*/*Unmute*, *Hold* / *Unhold*, *Send DTMF*, *New call*, *Answer*, *Reject*, *Swap*, *End active call*, *End all calls*, *Phone book*, *Send*.

Swap switches between the active call and the call on hold.

If you selected *Send DTMF*, key in a DTMF string and press ⬤ (**OK**).

Listening to voice messages

In standby mode, press and hold 🔟 to call your voice mailbox. You can obtain the voice mailbox number from your service provider.

Locking the keypad

The keypad lock prevents keys from being accidentally pressed when, for example, the phone is in your pocket or handbag.

To turn the lock on or off: In standby mode, press ⬤ and then ✳ quickly.

When the keypad is locked:

- The indicator ➖0 is shown.

- You can answer, end or reject a call in the normal way. During a call, you can operate the phone as usual.

- The headset HDC-5 can be used as usual.

> **Note:** When the keypad is locked, calls may be possible to the emergency number programmed into your phone (112). The number is displayed only when all the digits have been keyed in.

Storing a phone number

In standby mode, press ⬤ (**Menu**) (*Phone book* is displayed) and then ⬤ (**Select**). Scroll to *Add name* and press ⬤ (**Select**). Key in the desired name (see "Writing text" on page 8) and press ⬤ (**OK**). Key in the area code and phone number, and press ⬤ (**OK**).

Quick save: In standby mode, key in the phone number. Press 🔼 or 🔽 and then ⬤ (**Save**). Key in the name and press ⬤ (**OK**).

Writing text

This phone is equipped with Stroke and Zhuyin input methods for writing Traditional Chinese text. With these input methods, you can easily write Chinese characters. For writing Latin text (eg. English), the phone is equipped with Upper case, Lower case and Number input methods. In addition, Predictive text input method is available for writing English text. With this method, you can write

English text much quicker and with easy. This section describes the input methods in detail.

Input methods

The input methods Stroke and Zhuyin are available only when the Phone language (Menu 6-2-1) is set to Traditional Chinese. The Predictive text input method is available only when the Phone language is set to English. The other input methods (for writing Latin text) such as Upper case, Lower case and Number are always available irrespective of the language selected.

TIP: The "Menu 6-2-1" mentioned above is the shortcut number for the menu function. In standby mode, by pressing ⊝ (**Menu**) and quickly entering the shortcut number, you can easily access the corresponding menu function, for example, *Language* mentioned above. For details, see "By shortcut" on page 18.

Below please find the indicators on the display and the name of each input method:

ㄅㄆㄇㄈ	*Zhuyin*
ㄧㄨㄚㄛ	*Stroke*
ABC	*Latin character, upper case*
abc	*Latin character, lower case*
123	*Number input*

Text input display
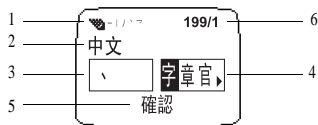
1. **Symbol area:** Shows the symbol of the current input method. The symbol in the illustration above indicates that Stroke is the current input method.
   Tip: Pressing the ✐ key toggles between the available input methods for the selected language.

2. **Text area:** Shows the final selected and currently keyed-in characters. When the input area (No.3 in the sketch above) is empty, pressing ⟨ and ⟩ can move the cursor (a continuously flashing vertical line) left or right among the characters shown in text area to insert it. The latest keyed-in text is shown to the left of cursor.

3. **Input area:** When using Chinese input methods, zhuyin or stroke symbols keyed in through number key are displayed in this area. When using English or Number input methods, the characters keyed in will go directly into Text area.

4. **List of candidate characters: When using** Chinese input methods, as you key in characters into Input area by pressing the number keys, Chinese characters matching the keyed-in characters will appear in the list of candidate characters for you to choose.

   ▶ indicates that there are more characters to the right of currently selected text. You can press ✧ to scroll the highlighted part to right to select other characters.

   ◀ indicates that there are more characters to the left of currently selected text. You can press ✧ to scroll the highlighted part to left to select other characters.

   TIP: When the desired Chinese character appears in the list of candidate characters, you can select it and input it. You need not key in all the Zhuyin or Strokes of it.

   Pressing ⊜ (**OK**) can insert the highlighted Chinese character (e.g. the first character in the example above) to the Text area.

   Pressing ✧ and ✧ can move the highlighted part to select other candidate characters.

5. **Function of selection key:** Shows the functions of the selection key.

6. **Remained character number/ message entries (only appears when writing messages):** When writing a message, up to 201 characters (including Chinese characters, English letters, punctuation marks and numbers) can be keyed in. The number on the left of slash indicates how many more characters can be still keyed in. The number on the right of slash indicates the number of messages into which the keyed in content will be divided and sent. Each of these sent messages can contain up to 70 characters only.

Switching between input methods

When writing text, you can switch between the available input methods by:

- pressing ⌨ repeatedly, until the symbol of the desired input method is displayed on the upper-left corner of the display.
- pressing and holding ⌨ to switch quickly between number input and other input methods.
- pressing ⊜, and then choosing the desired input method, if the indicative text **Options** is displayed above ⊜.

Zhuyin input method

Note: If you have not yet read the first three sections of "Writing text" on page 8, please do it first for better understanding of the following.

Using Zhuyin input method

1. Key in Zhuyin symbols: Press number keys (⓪ to ⑨) repeatedly, until the desired Zhuyin symbols appear in the Input area.

Tip: After you have keyed in whole Zhuyin symbols, you can also press ✱ to key in the tone marks to reduce the number of characters in the list of candidate characters. This will make it easier to find the desired Chinese character quickly. Press ✱ once for the first tone mark, twice for the second tone mark, and so forth. Press it five times to input the light tone mark. Please see the following table for the relationship between the number keys, Zhuyin symbols and the tone marks.

按键	一次	两次	三次	四次	五次
1	ㄅ	ㄆ	ㄇ	ㄈ	
2	ㄉ	ㄊ	ㄋ	ㄌ	
3	ㄍ	ㄎ	ㄏ		
4	ㄐ	ㄑ	ㄒ		
5	ㄓ	ㄔ	ㄕ	ㄖ	
6	ㄗ	ㄘ	ㄙ		
7	ㄚ	ㄛ	ㄜ	ㄝ	
8	ㄞ	ㄟ	ㄠ	ㄡ	
9	ㄢ	ㄣ	ㄤ	ㄥ	ㄦ
0	ㄧ	ㄨ	ㄩ		
音调		ˊ	ˇ	ˋ	˙

Tip: Press ⓒ to delete the Zhuyin symbols or text wrongly keyed in. For details, please see "Delete the contents keyed in" on page 16.

2. Press ◈ or ◈ to select the desired Chinese character from the list of candidate characters, and then press ⊝ (**OK**). The selected Chinese character will be shown in the Text area.

Note: If you need to add a space in the text, please switch to other input method temporarily and press ⓪.

1. In *Language* (Menu 6-2-1), set the display text language to *Trad. Chinese*, if necessary.
2. Scroll to *Write message* (Menu 2-1), switch to Zhuyin input method.
3. Key in Zhuyin for "生": Press 5 jkl three times, 4 ghi four times, then press * once for the first tone mark.
4. Select "生" from the list of candidate characters and press ⊖ (**OK**). It will appear in the Text area.
5. Key in Zhuyin for "日": Press 5 jkl four time, then press * four times for the fourth tone mark.
6. Select "日" from the list of candidate characters and press ⊖ (**OK**). It will appear in the Text area.
7. Key in Zhuyin for " 快 ": Press 3 def twice, 0 twice, 8 tuv once, then press * four times to get the fourth tone marks.
8. Select " 快 " from the list of candidate characters and press ⊖ (**OK**). It will appear in the Text area.

9. Key in Zhuyin for " 樂 ": Press 2 abc four times, 7 pqrs three times, then press * four times to get the forth tone mark.
10. Select " 樂 " from the list of candidate characters and press ⊖ (**OK**). It will appear in the Text area.

Stroke input method

If you have not yet read the first three sections in "Writing text" on page 8, please do it first for better understanding of the following.

Stroke input method summarizes the strokes constituting Chinese characters into five classes: Horizontal, Vertical, Left-falling, Dot and Turning (for more information on the five classes, please see the table of classification of strokes later in this section). For the five classes corresponding to number keys from 2 abc to 6 mno , please see this table.

按鍵	2 abc	3 def	4 ghi	5 jkl	6 mno
可以輸入	一	丨	丿	丶	㇆

Using Stroke input method

1. Key in strokes: According to the standard stroke order, press the number keys (② to ⑨) to get the strokes.

Tip: If you forget how to write a stroke, or you are not sure about its classification, you can press ② as a substitution for that stroke, then continue with the following strokes. A question mark will appear in the Input area to indicate that stroke.

Tip: Press ⌫ to delete the strokes and text which are wrongly keyed in. For details, please see "Delete the contents keyed in" on page 16.

2. Press ◇ or ◇ to select the desired Chinese character from the list of candidate characters, then press ⬯ (**OK**). The selected Chinese character will go into the Text area.

Tip: Although no more than six strokes can be shown in the Input area, there is no limit on the number of strokes that can be keyed in. The more strokes are keyed in, the more quickly you can find the desired Chinese characters.

Classification of strokes

Number Key	Basic Stroke	Stroke Variant	Example	Description
②abc	Horizontal 一	一 ╱ ╱	十、慧 七、冰、骏 羽、输、泰	Rising stroke (╱) classified as Horizontal Stroke. Basic wielding direction: left → right
③def	Vertical 丨	丨 亅	十 了、小、利	Vertical stroke (亅) with hook classified as Vertical stroke. Basic wielding direction: up → down
④ghi	Left-falling 丿	丿	人、川、牛 小、常	Basic wielding direction: up → lower left (Note the difference between Left-falling and Rising strokes.)
⑤jkl	Dot 、	、 ╱	主 心、家 入、边	Right-falling stroke (╲) classified as Dot. Basic wielding direction: upper left → lower right (Note that left-dot is also included)
⑥mno	Turning →	乙 → ㄱ ㄱ 乃 ㄅ ㄴ ㄟ ㄱ レ ㄥ く	亿、 买、安 口、习、内 除、建 与、鸟 语、凹 儿、飞 各 以、饭 能、云、好 独 代、心	Including various types of strokes with turning (Note that vertical stroke with Left-hook is excluded)

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Example of Stroke input--To write the name Huang Wei Hao in Traditional Chinese

1. In *Language* (Menu 6-2-1), set the display text language to *Trad. Chinese*, if necessary.
2. Scroll into *Write message* (Menu 2-1), switch to Stroke input method.
3. To key in "黃": Press sequentially ②abc, def③, def③, ②abc, ②abc and def③ , the character "黃" will appear in the list of candidate characters, select it, then press (**OK**) to get it into the Text area.
4. To key in "偉": Press sequentially ④ghi, def③, mn⑥, def③ and ②abc, the character "偉" will appear in the list of candidate characters, select it, then press (**OK**) to get it into the Text area.
5. To key in "豪": Press sequentially ⑤jkl, ②abc, def③, mn⑥, ②abc and ⑤jkl, the character "豪" will appear in the list of candidate characters, select it, then press (**OK**) to get it into the Text area.

Inputting English letters, numbers, spaces, symbols and punctuation marks

Note: If you have not yet read the first three sections of "Writing text" on page 8, please do it first for better understanding of the following.

Inputting letters
1. If necessary, switch the input method to upper case or lower case.
2. Press a number key (②abc to wxy⑨) marked with the desired letter repeatedly until the letter appears in the Text area.

Inputting numbers
Switch the input method to Number, then press the number keys, the numbers can be directly keyed in.

Tip: In upper case and lower case input methods, numbers can be keyed in directly by pressing and holding the corresponding number keys, or by pressing the corresponding number key repeatedly until the desired number appears in the Text area.

Inputting spaces

If the Input area is not empty, first press and hold ⓒ to clear the Input area, then press ⓞ to key in spaces.

Note: If spaces are necessary when using Zhuyin input method, please first switch to other input method, then press ⓞ to key in spaces.

Inputting symbols and punctuation marks

If the Input area is not empty, first press and hold ⓒ to clear the Input area.

- Press repeatedly ⓵ to input the following commonly used English symbols and punctuation marks:

  . , ? ! - & ' :

  or,

- Press ✳, and scroll to the desired character, and press ⏵(**Use**). Based on the current input method, English or Chinese, English or Chinese symbols and punctuation marks can be inputted accordingly.

Note: If you are using Number input method, you first need to switch to other input methods before you can input symbols and punctuation marks. If you are using Zhuyin input method, only ✳ can be used for symbols and punctuation marks input.

Delete the contents keyed in

- If the Input area is not empty, press ⓒ quickly to delete the contents in the Input area one by one, from right to left. Press and hold ⓒ to delete all the contents in the Input area.

- If the Input area is empty, pressing ⓒ will delete the characters to the left of cursor in the Text area. Press and hold ⓒ to delete all the contents in the Text area.

Predictive English text input

Predictive English text input is a much easier way to write text messages and reminder notes in English. For each letter to be keyed in, you only need to press the number key once. In order to use this input method, please first set the display text language of your mobile phone to *English* in *Language* (Menu 6-2-1).

Enable or disable predictive English text input method

In *Write message* (Menu 2-1), press ⏵ (**Options**). Select *Dictionary*, then select *Dictionary off*, thus the predictive English text input method is disabled. Select *English* can enable the Predictive English text input method.

In order to switch between Predictive and traditional English text input methods, please press ⌗ twice. If you switch to Predictive English text input method, the indicative symbol

16

⚞▨ will show in the upper-left corner of the display.

To use Predictive English text input

1. For each letter of the word to be keyed in, press the corresponding number key once.
   For example, to key in "Nokia", please press ⑥, ⑥, ⑤ⱼₖₗ, ④ₒₕᵢ and ②ₐᵦᵧ.

   - To insert spaces, please press ⓪.

   - To add punctuation marks or special symbols, please press ①ₒₒ, then press repeatedly ✱₊ until the desired character appears.

   - To move the cursor to left or right, please press ◁ or ▷ respectively.

   - To delete the character to the left of the cursor, please press ⚊. To delete all the contents keyed in, please press and hold this key.

   - To switch between upper and lower cases, press quickly ✡.

   - To insert numbers, press and hold the desired number keys. To switch between numbers and letters input methods, press and hold ✡.

2. If the word displayed is just what you want, please press ⓪ and begin writing the next word.

   - If you need to change the word, please press ✱₊ repeatedly until the desired word appears.

   - If a ? follows the word, you can add this word to the dictionary: press ⚊ (**Spell**), key in this word with Traditional English text input method, then press ⚊ (**OK**).

3. If the word **Options** appear above ⚊, pressing this key can get the following options shown:

   - *Matches*: Shows a list of words that correspond to your keypresses. Scroll to the desired word and press ⚊ (**OK)**.

   - *Insert word*: Allows to add new words to the dictionary manually. Write the word with Traditional text input and press ⚊ (**OK**).

   - *Insert number*: Allows to key in numbers by pressing each number key once.

   - *Insert symbol*: Allows to select a special character from the list. Select the desired character (e.g. %), and press ⚊ (**Use**).

Writing compound words

Write the first half of the word, press ▷, then write the second half.

3. Menu functions

The phone offers a range of functions that allow you to tailor it to your needs. These functions are arranged in menus.

■ Accessing a menu function

By scrolling

1. Press ⊖ (**Menu**) in standby mode.
2. Press ⟲ or ⟳ to scroll to the desired main menu, e.g. *Settings*, and press ⊖ (**Select**) to enter it.
3. If the main menu contains submenus, scroll to the desired one (e.g. *Call settings*), and press ⊖ (**Select**) to enter it.
4. Scroll to the desired setting (e.g. *Speed dialling*) and press ⊖ (**Select**) to enter it.
5. Scroll to the desired setting (e.g. *Off*) and press ⊖ (**OK**) to save it. If you don't want to change the setting, press ⌧.

By shortcut

The menus, submenus and setting options are numbered and can be accessed by entering the appropriate shortcut number. The number is shown on the top right of the display.

- Press ⊖ (**Menu**). Within three seconds, key in the shortcut number of the function you want to access (repeat this for a submenu). Within three seconds, key in the shortcut number of the desired function and setting option.

■ Exiting a menu function

You can return to the previous menu level by pressing ⌧ or exit the menu by pressing and holding ⌧ twice.

■ Phone book (Menu 1)

In this menu you can use the following functions:

- *Search*: Recalls the desired name and phone number from the Phone book e.g. for calling. See Making a call with Phone book on page 7.

- *Service Nos.*: Calls the service number of your service provider stored in your SIM card.

- *Add name*: Allows you to store a name and phone number in the Phone book (see also "Storing a phone number" on page 8).

- *Erase*: Allows you to delete names and phone numbers from the Phone book one by one or all at once.

- *Edit*: Allows you to modify the stored names and phone numbers.

- *Assign tone*: Sets the phone to play the desired ringing tone when you receive a call from a particular phone number. Scroll to the caller's name or phone number, press ⬭ (**Assign**), and select the desired ringing tone.

- *Send b'card*: Allows you to send a name and phone number to a compatible phone.

- *Options* – *Type of view*: Determines how the stored phone numbers and names are shown.

- *Options* – *Memory status*: Shows how many names and phone numbers can still be stored and are currently stored in the Phone book.

- *Speed dials*: Sets the desired number key (⬛ to ⬛) to work as a speed dialling key. Scroll to the desired key, press ⬭ (**Assign**), and select a name or phone number.

- *Voice tags*: You can dial a phone number by saying one or more words ('voice tags'), for example a name, attached to it. This function allows you to record a voice tag to any phone numbers stored in the Phone book. You can also listen to, change, and erase the recorded voice tags.

  To record a voice tag: Select *Add voice tag*, select the desired name or phone number, and press ⬭ (**Start**). Say clearly the word(s) you want to record as a voice tag.

English

To make a call with a voice tag:
In standby mode, press and hold ⬭ (**Menu**). Say the desired voice tag clearly while you hold the phone in the normal position near your ear. The phone plays the voice tag and dials the related phone number.

If no match for the voice tag is found or recognised, press ⬭ (**Yes**) to say the voice tag again or ⬅ to return to standby mode.

If you use the HDC-5 headset, press and hold the headset button until you hear a short tone. Say the voice tag clearly.

Before using voice dialling, note that:

- Voice tags are stored in the phone and are removed when you insert another SIM card into the phone.

- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near your ear.

- Voice tags are not language dependent. They are dependent on the speaker's voice.

- Voice tags are sensitive to the background noise; record voice tags in a quiet environment.

- Very short names are not accepted; use long names and avoid similar names for different numbers.

Note: The phone must be in a service area with adequate cellular signal strength. Also, you must say the name exactly as you said it when you recorded it. This may be difficult in, for example, a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

■ Messages (Menu 2)

Writing and sending a text message (Menu 2-1)

You can write and send multi-part text messages of up to three ordinary text messages in length (network service). Invoicing is based upon how many ordinary messages are needed for any multi-part message.

To send a message, the phone number of your message centre has to be stored in the phone. See "Message settings (Menu 2-7)" on page 23.

To exit from this menu at any time to standby mode, press and hold ⌧ twice. Alternatively: Press ⊖ (**Options**), choose *Exit*, and press ⊖ (**OK**).

1. Write the message using predictive or traditional text input (see "Writing text" on page 8). The number of available characters and the current part number are shown on the top right of the display.
2. When the message is complete, press ⊖ (**Options**), select *Send*, key in the recipient's phone number, and press ⊖ (**OK**). If you want to send the message to several persons, select *Send to many*, scroll to the first recipient, and press ⊖ (**Send**). Repeat this for each recipient.

   The other options are: *Template*, *Insert smiley*, *Dictionary* (sets predictive input on or off), *Send by set* (see page 23), *Save*, *Erase*, *Exit*. When you are using predictive text input, the options described in "Predictive English text input" on page 16 are also available.

Reading a text message (Menu 2-2)

When you receive a text message in standby mode, you hear a message alert tone, and the text *messages received* as well as ✉ are shown.

1. Press ⊖ (Read) to view the messages right away. To view the messages later, press ⌧ and enter the *Inbox* menu (Menu 2-2) when you want to do so.
2. Scroll to the desired message and press ⊖ (Read).
3. Use ⟳ or ⟲ to browse through the message.
4. While reading the message, you can press ⊖ (Options) for the following: *Erase*, *Reply*, *Chat*, *Edit*, *Use number*, *Forward*, *Details*.

Chat allows you to have a conversation based on text messages with another party. See also page 24.

English

Viewing a message you have saved (Menu 2-3)

You can view the messages that you have saved in *Write messages* (Menu 2-1). Pressing ⬯ (Options) allows access to the same functions as in *Inbox* (Menu 2-2), except for *Reply*, *Chat*, and *Details*.

Picture messages (Menu 2-4)

You can receive and send text messages which contain pictures (network service).

Note that:

- Each picture message is made up of several text messages. Therefore, sending one picture message may cost more than one text message.

- Since picture messages are saved in the phone, you cannot view them if you use the SIM card with another phone.

- Only phones that offer the Picture message feature can receive and display picture messages.

When you receive a picture message

To view the message immediately, press ⬯ (**View**). You can save the message by pressing ⬯ (**Save**) or delete it by pressing ⬯ twice.

To view the message later in this menu: Press ⬯ and then ⬯ (**OK**) to save the message.

Sending a picture message

Within this menu, scroll to a picture message and press ⬯ (**View**). Press ⬯ (**Options**) and select *Edit text*. Write the message. To view the whole message, press ⬯ (**Options**) and select *Preview*. To send the message, press ⬯ (**Options**) and select *Send*.

Templates (Menu 2-5)

You can view, edit, and erase the preset messages ('templates') that you can use for writing a message.

Scroll to the desired template and press ⬯ (**Read**). To edit or erase the template, press ⬯ (**Options**) and select the desired function.

When editing a template, pressing ⊖ (**Options**) allows access to a further set of functions, including *Send* and *Save template*.

You can create a template from scratch by selecting one of the empty templates at the end of the template list.

Smileys (Menu 2–6)

This function allows you to edit the smiley characters such as ":-)" that you can use when writing or replying to a message. Scroll to the desired smiley and press ⊖ (**Edit**).

Message settings (Menu 2–7)

The phone offers two kinds of message settings: settings specific to each setting group or 'set', and settings common to all text messages.

Set 1 (Menu 2–7–1) [1]

A set is a collection of settings needed for sending text and picture messages.

Each set has the following settings: *Message centre number*, *Messages sent as*, *Message validity*. You need the message centre number to send text and picture messages. You can obtain this number from your service provider.

Common (Menu 2–7–2) [2]

The settings in this submenu apply to all text messages that you send, irrespective of the chosen set. The available settings are: *Delivery reports*, *Reply via same centre*, *Character support*.

When the *Unicode* option of the *Character support* function is selected, you can send messages using special characters (such as n) in Romance and Slavic languages or Russian characters to a compatible phone, if supported by your network.

Info service (Menu 2–8)

This network service allows you to receive messages on various topics (such as traffic conditions) from the network. For details, contact your service provider.

Voice mailbox number (Menu 2–9)

You can store the phone number of your voice mailbox (network service). Key in the number and press ⊖ (**OK**).

English

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[1] The total number of sets depends on how many sets your SIM card offers.
[2] The shortcut number of this menu depends on the number of sets available. Here it is assumed that only one set is available.

Service command editor (Menu 2-10)

You can send service requests to your service provider. Key in the desired characters. Press and hold ✆ to switch between letters and numbers. Press ⬭ (**Send**) to send the request.

■ Chat (Menu 3)

You can have a conversation with other people using text messages.

You can start a chat either within this menu or selecting the Chat option while reading a received message.

1. Key in the other party's phone number or recall it from the Phone book (press ✑ or ✑), and press ⬭ (**OK**).
2. Key in your nickname for the chat (see "Writing text" on page 8) on and press ⬭ (**OK**).
3. Write your message, press ⬭ (**Options**) and select *Send*.

4. The reply from the other party is shown above your original message. Press ⬭ (**OK**) to clear the display and reply to the message.
To view the previous message (*Chat history*) or edit your nickname (*Chat name*), press ⬭ (**Options**) and select the desired function.

■ Call register (Menu 4)

You can view the phone numbers registered by the phone and the approximate length and cost of your calls.

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

When you press ⬭ (**Options**) in the *Missed calls*, *Received calls* or *Dialled numbers* menu, you can view the time of the call and edit, view or call a registered phone number, add it to the Phone book, or delete it from the list of phone numbers. You can also send a text message to the caller (*Send SMS*).

- *Missed calls* : This network service shows the last 10 phone numbers from which somebody has tried to call you with no success.

- *Received calls*: This network service shows the last 10 phone numbers from which you have accepted a call.

- *Dialled numbers*: Shows the last 20 phone numbers that you have called or attempted to call.

- *Erase recent call lists*: Allows you to delete all the phone numbers and names from Menus 4-1 to 4-3.

- *Show call duration*: Shows the approximate duration of your outgoing and incoming calls. You can reset these call timers by selecting *Clear timers* (Menu 4-5-5).

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

- *Show call costs*: This network service shows the approximate cost of your last call or all calls in terms of units specified within the *Show costs in* function (Menu 4-7-2).

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

- *Call cost settings*: The *Call cost limit* function allows you to limit the call costs to the desired amount of charging units or units of currency (network service). The *Show costs in* function specifies in which units the phone shows the remaining talk-time (contact your service provider for charging unit prices).

  Note that when no more charging or currency units are left, only calls to the emergency number 112 may be possible.

- *Prepaid credit*: When using a prepaid SIM card, you can make calls only when there are enough credit units on the SIM card (network service). Options: *Credit info display* (show or hide remaining units in standby mode), *Credit available* (amount of remaining units), *Last event costs*, *Recharge status*.

■ Tones (Menu 5)

In this menu you can change the settings of the currently selected profile and create ringing tones of your own. See "Profiles (Menu 12)" on page 32.

- *Ringing tone*: Sets the tone that you hear when you receive a call.

- *Ringing volume*: Sets the volume level for the ringing and message alert tones.

- *Incoming call alert*: Defines how the phone notifies you of incoming voice calls. For example, when *Off* is selected, the phone stays silent when you receive a call and ⚡ is shown in standby mode.

- *Composer*: Allow you to create your own ringing tones. Select the tone that you want to edit and key in the notes. For example, press ④ for note **f**.
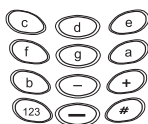
  ⑧ shortens (-) and ⑨ lengthens (+) the duration of the note or rest. ⓪ inserts a rest. ✳ sets the octave. ⑥ makes the note sharp (not available for notes **e** and **b**). ⌃ and ⌄ move the cursor right or left. ⌫ deletes a note or rest to the left.

  When the tone is complete, press ⊖ (**Options**) and select one of the following: *Play*, *Save* (saves the tone in the ringing tone list), *Tempo*, *Clear screen*, *Exit*.

Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

- *Message alert tone*: Sets the tone that you hear when you receive a text message.

- *Keypad tones*: Sets the volume for keypad tones.

- *Warning tones*: Sets the phone to sound tones e.g. when the battery is running out of power.

- *Vibrating alert*: Sets the phone to vibrate when you receive a call or a text message.

- *Screen saver*: Sets the picture that is displayed in standby mode after a specified time ('timeout'). You can select from the same pictures as in the Picture messages menu.

■ Settings (Menu 6)

Call settings (Menu 6–1)

- *Automatic redial*: Sets your phone to make up to ten attempts to connect the call after an unsuccessful call attempt.

- *Speed dialling*: When this function is on, you can dial the names and phone numbers assigned to the speed dial keys ② to ③ by pressing and holding the corresponding key.

- *Call waiting options*: When this network service is activated, the network notifies you of a new incoming call while you have a call in progress.

- *Own number sending*: Sets your phone number to be displayed (*On*) or hidden (*Off*) from the person you are calling (network service). When you select *Set by network*, the setting agreed with your service provider is used.

- *Phone line in use*: This network service allows you to select the phone line 1 or 2 for making calls or prevent line selection, if supported by your SIM card. Calls on both lines can be answered irrespective of the selected line.

  You will not be able to make calls if you select line 2 and you have not subscribed to this network service. When line 2 is selected, **2** is shown in standby mode.

  Tip: In standby mode, you can switch between the lines by pressing and holding ⌨.

- *Automatic answer*: Sets your phone to answer an incoming call after one ring when the phone is connected to the PPH-1 handsfree car kit or the HDC-5 headset.

Phone settings (Menu 6–2)

- *Language*: Sets the language for the display texts.

- *Cell info display*: Sets the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology (network service). In such a network, local calls may cost less than otherwise.

- *Welcome note*: Allows you to write a message which is shown briefly when the phone is switched on.

- *Network selection*: Sets the phone to automatically select a cellular network available in your area, or you may select the desired network manually. The network must have a roaming agreement with your home network.

- *Lights*: Sets the display and keypad lights on or off when the phone is connected to the PPH-1 handsfree car kit.

English

- *Confirm SIM service actions*: Sets the phone to show or hide confirmation messages when you use the SIM card services (see page 32).

Security settings (Menu 6–3)

- *PIN code request*: Allows you to set your phone to ask for the PIN code of the SIM card when the phone is switched on. Some SIM cards do not allow turning off this function.

- *Call barring service*: This network service allows you to restrict the making and receiving of calls with your phone. Select one of the restriction options and set the restriction on (*Activate*) or off *(Cancel)*, or check which types of calls are barred (*Status*).

  Note: When calls are barred, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- *Fixed dialling*: Restricts your outgoing calls to selected phone numbers, if allowed by your SIM card.

Note: When fixed dialling is set on, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- *Closed user group*: This network service allows you to specify a group of people whom you can call and who can call you.

  Note: When calls are limited to Closed User Groups, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- *Phone security*: Sets the phone to ask for the security code when a new SIM card is inserted in the phone (option *On*). When you change this setting, the numbers in Menus 4-1 to 4-3 are cleared.

- *Change access codes*: Allows you to change the security code, PIN code, PIN2 code, or barring password. These codes can include the numbers 0 to 9 only.

  Note: Avoid using access codes similar to the emergency numbers, such as 112, to prevent accidental dialling of the emergency number.

Restore factory settings (Menu 6–4)

You can reset the menu settings to their original values. This function has no effect, for example, on the names and phone numbers in the Phone book.

■ Call divert (Menu 7)

You can direct your incoming calls to your voice mailbox or some other phone number (network service).

Several divert options may be active at the same time. When all calls are diverted, ➔ is shown in standby mode.

1. Select one of the divert options in your phone. For example, *Divert when busy* diverts the call when you are on a call or when you reject the call.
2. Set the selected option on (*Activate*) or off (*Cancel*), check whether the option is activated (*Status*), or specify a delay for it (not available for all divert options).
3. If you selected *Activate*, select where the incoming calls are to be diverted. If you selected *Status*, press ⊖ (**Number**) to view the phone number to which the calls are diverted.

■ Games (Menu 8)

The phone offers you the following games to play: *Snake II*, *Space Impact*, *Bantumi*, *Pairs II*. Each game is provided with a brief help text (*Instructions* option).

The *Continue* option resumes a game that you paused by pressing ⊖ or ⌧. To start the game, press any key except for ⊖, ⌧, or ⓪.

Settings allow you to set the lights, tones and vibrator for the selected game, and store the Nokia Club membership number. For details, visit the Nokia Web site at www.club.nokia.com.

> **Note:** Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

■ Calculator (Menu 9)

The phone is provided with a calculator which can also be used for rough currency conversions. The calculator has a limited accuracy and rounding errors may occur, especially in long divisions.

English

Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

Making a calculation

- The keys ⊙ to ⊚ insert a digit. ⊚ inserts a decimal point. ⎵ deletes the digit to the left.

- ✱ : Press once (for +) to add, twice (for -) to subtract, three times (for *) to multiply and four times (for /) to divide.

- For a total, press ⊖ (**Options**) and select *Equals*. Press and hold ⎵ clears the display for a new calculation.

Making a currency conversion

To set the exchange rate: Press ⊖ (**Options**), select *Exchange rate*, select the desired option, key in the exchange rate (press ⊚ for a decimal point), and press ⊖ (**OK**).

To make the conversion: Key in the currency amount to be converted, press ⊖ (**Options**), and select *In domestic* or *In foreign*.

Currency conversion in standby mode

Key in the amount that you want to convert (press ✱ for a decimal point, shown as an asterisk). The exchange rate that you set in this menu is used. Press ⊕ or ⊗ twice. Press ⊖ (**Convert**).

■ Reminders (Menu 10)

This memory aid allows you to save short text notes with an alarm. The phone starts alarming when the set date and time is reached.

Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

Scroll to one of the following functions and press ⊖ (**OK**):

- *Add new*: Write a note (see "Writing text" on page 8) and press ⊖ (**OK**). You can add an alarm to the note if you like.

- *Erase*: Allows you to delete the notes one by one or all at once.

- *View all*: Shows all the reminders. You can browse through the notes with ⊕ or ⊗ Press ⊖ (**Options**) for the following: *Erase*, *Edit*, *Send* (sends the note without alarm to a compatible phone).

When the reminder time is reached, you can stop the alarm by pressing ⎵. If your press ⊖ (**Snooze**), the alarm stops for a few minutes.

■ Clock (Menu 11)

- *Alarm clock*: Allows you to set the phone to alarm at the desired time. Key in the time, and press ⬯ (**OK**).

  When the alarm time is reached, the phone sounds an alert and flashes the text *Alarm!*. Stop the alarm by pressing any key. If you press ⬯ (**Snooze**), the alarm stops for a few minutes.

  If the alarm time is reached while the phone is off and you press any other key but ⬯ (**Snooze**), press ⬯ (**Yes**) to activate the phone for calls or ① to keep the phone switched off.

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

- *Clock settings*: Allows you to set the phone to show the current time in standby mode, set the time, or select the 12-hour or 24-hour time format. If the battery is removed from the phone, you may need to set the time again.

- *Date setting*: Allows you to set the correct date.

- *Stopwatch*: Allows you to measure time for example in different sports. Press ⬯ (**Start**) to start timing and press ⬯

(**Stop**) to stop it. When the timing is stopped, ⬯ (**Options**) allows access to the following: *Start*, *Reset*, *Exit*.

To set the timing to continue in the background, press ⌫ twice. While the time is running, ⏱ flashes in standby mode.

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

Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

- *Countdown timer*: Allows you to set the phone to alarm after a certain time. Key in the alarm time and press (**Start**). In this menu you can also stop the timer or edit the time.

  When the timer is running, ⏲ is shown in standby mode.

  When the alarm time is reached, the phone sounds a tone and flashes the related text. Press any key to stop the alarm.

English

Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

- *Automatic update of date and time*: This network service updates the clock in your phone in accordance with the current time zone.

■ Profiles (Menu 12)

You can set all the phone tones to function in the desired manner by selecting the desired setting group ('profile').

You can easily edit the settings of the selected profile in the *Tones* menu (see page 25).

Quick selection of a profile
In standby mode or during a call: Press the ⓘ key quickly, scroll to the desired profile, and press ⏻ (**OK**).

Activating a profile and changing its settings
1. In this menu, scroll to the desired profile and press ⏻ (**Select**). For example, *Silent* mutes all phone tones.
   Some of the profiles can be replaced with profiles that you can receive e.g. from your service provider. For availability and

compatibility, contact your service provider or other profile provider.
2. Select *Activate* or *Personalise*.
3. If you selected *Personalise*, scroll to the setting (see "Tones (Menu 5)" on page 25) that you want to change and press ⏻ (**Select**).
4. Scroll to the desired setting option and press ⏻ (**OK**).
   - *Rename*: Allows you to edit the name of the selected profile. The *General* profile cannot be renamed.

■ SIM services (Menu 13)

This menu is shown only if your SIM card provides additional services. The name and contents of this menu depend on the services available.

For availability, rates and information on using the SIM services, contact your SIM card vendor, e.g. network operator, service provider, or other third-party vendor.

Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

4. Battery information

Your phone is powered by a rechargeable battery. Take good care of the battery and follow the guidelines below.

Charging and discharging the battery

- A new battery's full performance is achieved only after two or three complete charge and discharge cycles!

- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

- Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer.

- 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 NiMH 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.

- Temperature extremes will affect the ability of your battery to charge: allow it to cool down or warm up first.

- When the battery is running out of power and only few minutes of talk time remain, a warning tone is heard and *Battery low* is briefly displayed. When no more talk time is left, *Battery empty* is displayed and a warning tone is sounded and the phone switches itself off.

Using the batteries

- Use the battery only for its intended purpose.

- Never use any charger or battery which is damaged or worn out.

English

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- 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 (59°F and 77°F). A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Battery performance is particularly limited in temperatures below freezing point.

- Do not dispose of batteries in a fire!

  Batteries must be recycled or disposed of properly. They must not be disposed of in municipal waste!

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years. When using your phone, battery, charger OR any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas. Its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it 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 it. Non-expert handling of the device may damage it.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- If the phone, battery, charger or any accessory is 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.

When connecting the phone or any accessory to another device, read its user guide for detailed safety instructions. Do not connect incompatible products.

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 (held to your ear).

■ Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a hand-held wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions.

Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (e.g. electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems).

Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices so require.

■ Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone when at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquified petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

■ Vehicles

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

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

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

English

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

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

■ Emergency calls

Important! This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless 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 wireless 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 ⌧ key twice 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). E mergency numbers vary by location.

4. Press the ⊖ (**Call**) key.

If certain features are in use (Fixed Dialling, 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 wireless phone may be the only means of communication at the scene of an accident – do not cut off the call until given permission to do so.

Important User Information

This section explains how to deactivate the EFR CODEC should you find that it is difficult to make or receive calls when travelling and roaming onto another network.

■ Introduction

The Nokia 3310 (GSM) comes equipped the latest codec and audio technology for superior sound and voice quality.

Currently, there are three different codecs defined for GSM/PCN:

- full-rate (FR)
- enhanced full-rate (EFR)
- half-rate (HR)

The Nokia 3310 phone can support all these codecs.

The FR codec is supported by all GSM and PCN cellular networks and phones.

The network automatically selects which codec is used, FR or EFR (if supported by the network).

The Nokia phone supplied within this sales package has the EFR codec activated to so that you can automatically enjoy the benefits of E FR if supported by your network operator. Currently only some networks support the EFR codec in addition to the FR codec.

■ Deactivating/Activating The EFR Codec

The Nokia N3310 fully meet and comply with all EFR codec and relevant compatibility specifications.

However, as a result of some networks not yet complying with the latest specifications you may find it impossible to make or receive calls, if the EFR codec is activated, e.g. when you are visiting or roaming in a foreign network.

If problems are encountered in making a call (with the display of "Check operator services" or another similar message), OR receiving calls, deactivating the EFR codec may resolve the problem. To deactivate or reactivate the EFR codec follow the instructions given in the next section.

Please note that there is no indication on the phone as to whether or not the EFR codec is activated or deactivated.

English

a) To deactivate the EFR CODEC

With the display clear perform the following key press sequence:

#3370# or #EFR0#

i.e. press the "#" key, then the "3" key and so on...

b) To activate the EFR CODEC

With the display clear perform the following key press sequence:

*3370# or *EFR0#

i.e. press the "*" key, then the "3" key and so on...

Notes to a) and b)

i) Immediately after pressing *3370# (or #3370#) the phone will automatically power itself off and then on again – this is NORMAL and also serves to indicate that deactivation (or activation) has occurred. During the automatic power off/on sequence the LCD display will become clear, the back lights will switch off and then the display will come back on.

ii) If during activation/deactivation the wrong key is pressed, clear the wrong entry by pressing the ⌧ key.

iii) If at any time you choose to quit the process then press and hold the ⌧ key.

■ Suggested Tip

you may wish to store the above activation/deactivation sequences in the phonebook.

Name:EFR ON

Number:*3370#

Name:EFR OFF

Number:#3370#

To save the activation sequence to the phonebook, the name MUST be entered first otherwise deactivation or activation of the EFR codec will occur.

Genuine Accessories

A new extensive range of accessories are available for your phone. You can select the accessories that accommodates your specific communication needs.

For availability of the accessories, please check with your local dealer. A few practical rules for accessories operation:

- Keep the accessories out of small children's reach.

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

- Check regularly that all cellular phone equipment in a vehicle is mounted and operating properly.

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

English

■ BATTERY

Type	Tech	Capacity	Talktime	Standby
BLC–2	Li–Ion	850 mAH	2hr 20min– 4hr 15min	55 – 245h
BMC–3	NiMH	900 mAH	2hr 30min– 4hr 30min	55 – 260h

■ INDOOR

Fast & Light Charger (ACP–8)

Extremely light, the functionally designed multi-voltage Fast and Light Charger, ACP-8, charges your phone battery quickly. Plug the charger into a wall socket and insert the connector to the bottom of your phone.

The charging time is approximately 2 hours for BMC-3. Check the charging status on the phone display. You can also use your phone while charging. Charger can also be used with the battery charging stand, DDC-1.
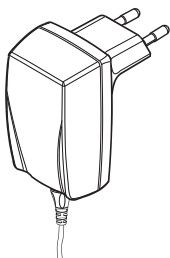
Plug types vary according to different markets.

Battery Charging Stand (DDC–1)

The Battery Charging Stand provides you with a compact solution to charge your spare battery. Charging status is indicated by the light. Red light indicates charging & green light indicates charging is completed. If the charging is disabled due to battery temperature, indication is given by rapid red & green flashes. For operation, safety, care & maintenance, see your phone's user guide.

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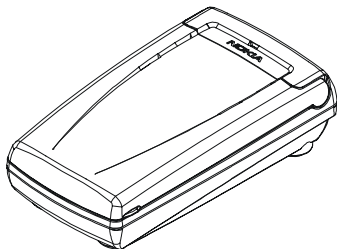
■ INDOOR & VEHICLE

Personal Handsfree Kit with Remote Control (HDC-5)

The compact and functional personal Handsfree Kit with Remote Control. By using the remote control option, you can answer and end calls by pressing the button on the microphone part of the Personal Handsfree. A cost effective handsfree solution for indoor or outdoor use.

English
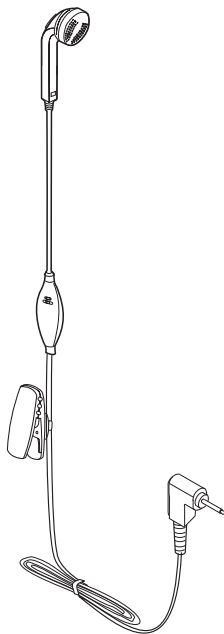
■ VEHICLE

Mobile Charger (LCH–9)

The multivoltage Mobile Charger, LCH-9, ensure your phone is always ready for use whenever you travel. This small charger's functional design fits most car lighters and interiors.

A green light indicates that the Mobile Charger is ready for charging. Check the charging status on the phone display. The input voltage can be 12 or 24 V DC, negative grounding.

Avoid prolonged charging with the Mobile Charger when the car engine is not running; this may cause the battery of your car to drain. Note also that in some cars the cigarette lighter plug is not provided with electricity if the ignition is switched off. Verify that the green LED light is on.

Plug and Play Handsfree (PPH–1)

To provide you with a convenient and portable handsfree facility while in vehicle, this kit comes with a built -in speaker which allows you to talk and charge your phone at the same time. You should ensure that the kit, which requires an input voltage of [12 volts], can be properly plugged into the cigarette lighter socket and does not hamper the operation of your vehicle. Simply connect your mobile charger to your vehicle's cigarette lighter socket and to your phone. Should be used together with an in-vehicle holder. Can be used with or without an optional external microphone HFM-8. Charging time is dependent on the condition of the battery.
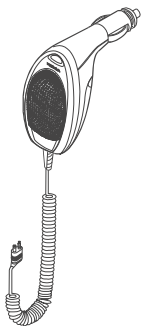
■ Mobile inductive loopset for people with hearing aids (LPS-3)

The LPS-3 is a convenient, easy-to-use portable accessory for users of hearing aids. It connects directly to the bottom of your phone and enables you to use a hearing aid together with your mobile phone.

The LPS-3 is worn around the neck and contains a microphone within the device therefore you do not need to hold the phone near your ear. Additionally the phone can be attached to your belt with the use of the optional belt clip or you can place it in your pocket.

The operation of this device is based on induction technology used in public places: a loop system sends out wireless sounds to be picked up by the telecoil of the hearing aid (switched to T mode).

English

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English

Your
Nokia
warranty guide

LIMITED WARRANTY

Nokia Mobile Phones ("Nokia") warrants that this Nokia cellular product and/or genuine Nokia accessory ("Product") is free from defects in material and workmanship, according to the following terms and conditions:

1. The limited warranty for the cellular phone, data product and all genuine Nokia accessories (except battery packs) extends for the first twelve (12) months beginning on the date of purchase of the Product.
2. The limited warranty for genuine Nokia battery packs extends for the first six (6) months beginning on the date of purchase of the Product.
3. The limited warranty extends only to the original consumer purchaser ("Consumer") of the Product and is not assignable or transferable to any subsequent purchaser/end user.
4. The limited warranty extends only to Consumers who purchase the Product in one of the countries (or areas) set forth at the end of this document. The limited warranty is only valid in Nokia's intended country (or area) of sale of the Product.
5. During the limited warranty period, Nokia or its authorized service network will repair or replace, at Nokia's option, any defective Product or parts thereof with new or factory rebuilt replacement items, and return the Product to the Consumer in working condition. No charge will be made to the Consumer for either parts or labor in repairing or replacing the Product. All replaced parts, boards or equipment shall become property of Nokia. The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.
6. Repaired Product will be warranted for the balance of the original warranty period or for ninety (90) days from the date of repair, whichever is longer.
7. Upon request from Nokia or its authorized service center, the Consumer must provide purchase receipt or other information to prove the date and place of purchase.
8. Transportation, delivery and handling charges incurred in the transport of the Product to and from Nokia or its authorized service center will be borne by the Consumer.
9. The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable :
    (a) The Product has been subject to: abnormal use, abnormal condition, improper storage, exposure to moisture or dampness, exposure to excessive temperature or other such environmental conditions, unauthorized modifications, unauthorized connections, unauthorized repair including but not limited to use of unauthorized spare parts in repairs, misuse, neglect, abuse, accident, alteration, improper installation, Acts of God, spill of foods or liquids, maladjustment of customer controls or other acts which are beyond of reasonable control of Nokia, including deficiencies in consumable parts such as fuses and breakage or damage to antennas, unless caused directly by defects in materials or workmanship, and normal wear and tear of the Product.
    (b) Nokia was not notified by Consumer of the alleged defect or malfunction of the Product during the applicable limited warranty period.
    (c) The Product serial number or the accessory date code has been removed, defaced or altered.
    (d) The defect or damage was caused by defective function of the cellular system or by inadequate signal reception by the external antenna.
    (e) The Product was used with or connected to accessory not supplied by Nokia, not fit for use with Nokia cellular phones or used in other than its intended use.
    (f) The battery was short circuited or seals of the battery enclosure or cells are broken or show evidence of tampering or the battery was used in equipment other than for which is has been specified.
10. If a problem develops during the limited warranty period, the Consumer should take the following step-by-step procedure :
    (a) The Consumer shall return the Product to the place of purchase for repair or replacement processing.
    (b) If "a" is not convenient, the Consumer may contact the local Nokia office for the location of the nearest authorized service center.
    (c) The Consumer shall arrange for the Product to be delivered to the authorized service center. Expenses related to removing the Product from an installation are not covered under this limited warranty.
    (d) The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer shall be responsible for expenses related to reinstallation of the Product.
    (e) In case of certain operator specific features in the Product such as SIM-lock, Nokia reserves the right to refer the Consumer to the relevant cellular operator before service will be provided.
    (f) If the Product is returned to Nokia after the expiration of the warranty period, Nokia's normal service policies shall apply and the Consumer will be charged accordingly.
11. ANY IMPLIED WARRANTY OF MECHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING WRITTEN WARRANTY. OTHERWISE, THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NOKIA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR A LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OR IMPAIRMENT OF PRIVACY OF CONVERSATIONS, WORK STOPPAGE OR LOSS OR IMPAIRMENT OF DATA ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT.
12. The benefits conferred by this limited warranty are in addition to all other rights and remedies under any applicable mandatory legislation as may be in force from country (or area) to country (or area).
13. Nokia neither assumes nor authorizes any authorized service center or any person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty.
14. All warranty information, product features and specifications are subject to change without notice.
15. The countries (or areas) in which this limited warranty is in force, subject to clause 4 above, are Australia, Bangladesh, Brunei, Cambodia, Fiji, Guam, Hong Kong SAR, India, Indonesia, Laos, Macau, Malaysia, Myanmar, New Zealand, Papua New Guinea, People's Republic of China, Singapore, South Korea, Sri Lanka, Tahiti, Taiwan, Thailand, The Philippines and Vietnam.

Your details

Name (Mr/Mrs/Ms/Others): _____

Date of purchase: _____

Handset model and type: _____

Please place your identification sticker in the space provided below and keep in a safe place:

NOKIA XXXX

IMEI: 123456789012345
RMP: 12345

A

Dealer Signature and Stamp