

Hello

We've seen that you love simple but elegant style, in everything you do. That's why we've designed the Nokia 8887 just for you.

It is the best match to you with its simple and elegant design. A stylish metallic looking color on the outside and Nokia's well known user friendly interface design, that reveals itself when you use your phone.

Design is not the only value that distinguishes Nokia 8887 from the others, but also the technology it adopts. Hear the elegantly rich sound of polyphonic ring tone. Let the graphics come alive on its 8-line display. The advanced graphic effects can even send your emotions over a SMS message. Compose your message quickly and easily with its predictive text input. Be on the internet with one touch access button and faster than others. Just a few among many features, that suit your life style and always keep you ahead of others.

Nokia 8887 allows you to keep your individuality precious and guard your privacy. Personalized ring tone that can identify the caller or CLI group, electronic organizer and advanced phonebook that can save 200 names, email address and phone numbers. Nokia 8887, a perfect companion to keep your daily life always well organized.

Welcome to your **Nokia** phone

Volume Key

- Adjust call volume with upper and lower keys.
- When the phone rings, mute the ringing tone sound.

Send key

- Make and answer calls.
- View the last dialed numbers.

Internet Key

- Press to connect internet directly in the standby mode

Voice Memo Key

- Check the saved voice memo in the standby mode.
- During a call or in the standby mode, press and hold this key for a while to initiate voice recording. Press this key once again to save the recorded content.

Manner mode Key

- Press and hold in the standby mode to turn the manner mode on or off.

Soft Key

- Set selecting and canceling menu.

Scroll Key

- Move cursor in the menu setting and editing functions.

Power Key

- Power on/off.
- Press and hold in the standby mode to list the profile.
- End a call.
- Exit from a function.

Button Key

- Key in the numbers and letters.
- Press #1 key to show the voice mailbox.

Phone lock Key

- Press and hold in the standby mode to activate the auto phone lock function.



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 8 menu functions and they are numbered 1 - 8 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.

Menu Map



NATE(1)

- Connect NATE(1-1)
- NATE wizard(1-2) — Wizard archive(1-2-1)
Chatting edit(1-2-2)
- Internet mail(1-3) — Outbox(1-3-1) — Write new mail(1-3-1-1)
View outbox(1-3-1-2)
Mail account(1-3-2) — User name(1-3-2-1)
Mail address(1-3-2-2)
Mail server(1-3-2-3)
- Mobile wallet(1-4)



Messages(2)

- Text messages(2-1) — Inbox(2-1-1)
Write message(2-1-2)
Page(2-1-3)
Outbox(2-1-4)
- Voice messages(2-2) — Archive(2-1-5)
Template(2-1-6) — All read(2-1-7-1)
Erase all(2-1-7) — All read in inbox(2-1-7-2)
All in outbox(2-1-7-3)
All in archive(2-1-7-4)
- Listen to msg.(2-2-1)
View voice mail(2-2-2)
Clear voice mail(2-2-3)



Call register(3)

- Missed calls(3-1)
- Received calls(3-2)
- Dialed calls(3-3)
- Clear call lists(3-4) — All(3-4-1)
Missed calls(3-4-2)
Received calls(3-4-3)
Dialed calls(3-4-4)
- Call timers(3-5) — Last call(3-5-1)
All calls(3-5-2)
Dialed calls(3-5-3)
Received calls(3-5-4)
Clear timers(3-5-5)



Profiles(4)

- General(4-1) — Activate(4-1-1)
Customize(4-1-2) — Incoming call alert(4-1-2-1)
Ringing volume(4-1-2-2)
Ringing tone(4-1-2-3)
Vibrating alert(4-1-2-4)
Keypad tones(4-1-2-5)
Warning tones(4-1-2-6)
Message alert(4-1-2-7)
- Silent(4-2)
- Meeting(4-3)
- Outdoor(4-4) — Activate
Customize
Rename
- My style(4-5)
- Handsfree(4-6) — Only if handsfree connected
- Headset(4-7) — Only if headset connected



Settings(5)

- Time settings(5-1) | Alarm clock(5-1-1) | Clock display(5-1-2-1)
| Clock(5-1-2) | Time format(5-1-2-2)
- Call settings(5-2) | Auto area code(5-2-1)
- Phone settings(5-3) | Int'l prefix(5-2-2)
- Security settings(5-4) | Answer call(5-2-3)
- NATE settings(5-5) | Automatic redial(5-2-4)
- | Orig. call alert(5-2-5)
- | Data service(5-2-6)
- | Language(5-3-1)
- | Touch tone length(5-3-2)
- | Background settings(5-3-3)
- | Display contrast(5-3-4)
- | Auto backlight(5-3-5)
- | NAM selection(5-3-6)
- | Restore factory settings(5-3-7)
- | Number plus(5-3-8)
- | Call restriction(5-4-1) | All calls(5-4-1-1)
- | Security code(5-4-2) | International call(5-4-1-2)
- | | Define numbers(5-4-1-3)
- | | Phone lock(5-4-2-1)
- | | Allowed number when locked(5-4-2-2)
- | | Change security code(5-4-2-3)
- | Gateway(5-5-1)
- | Home URL(5-5-2)
- | Restore settings(5-5-3)



Games(6)

- Continue game(6-1)
- Play(6-2)
- Level(6-3)
- Top score(6-4)
- Instructions(6-5)
- Sound setting(6-6)



Calculator(7)



Calendar(8)

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Issue 1

Package contents



Cellular phone



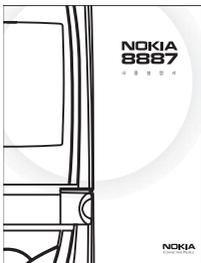
Compact • Standard battery



Charger



Portable necklace



Owner's Guide

Quick & easy

Thank you for choosing Nokia 8887! These pages give you some tips on using your phone. For more detailed information, read through the Owner's Guide. Throughout this guide, all key presses are represented by icons such as  and .

How to choose English language mode

Your phone is factory-set to use Korean language mode. To use English mode for the phone, you can change the setting in the following ways:

- Press  to enter the standby mode.
- In the standby mode, press , , ,  and  in the order shown. Wait for a minute.
- **English selected** is displayed and all the screen of the phone is changed into English.

Making your first call

- Install and charge the battery.
 - Switch on your phone by pressing and holding .
1. Key in the area code and phone number and press 
 - If auto area code is set, just key in the phone number without entering an area code.
 - If the phone number entered is incorrect, press  to erase digits of the number one by one, or press and hold it to erase all the digits at once.
 2. Press  to end the call.

Call functions

Making a call Key in the phone number including the area code and press .

Answering a call When the phone is ringing, open the flap. You can change the setting in Answer call menu.

Ending a call Press .

Adjusting earpiece volume This function allows to adjust the volume level during a call. Press  on the side of the phone.

Last number redial Press  in the standby mode to access the list of last dialed numbers. Scroll with  or  to the desired number and press .

Calling your voice mailbox Press and hold .



NOTE: You can mute the ringing of an incoming call by pressing volume key() on the side of the phone (when phone is in closed position) without disconnecting the incoming call. This feature is useful, when you need to quickly silence your phone ringing sound.



NOTE: If you are subscribed to Caller ID service, a call will not be connected even if you open the flap when the bell rings. After identifying caller, press the send key and answer a call. Press  to end the call.



NOTE: Call ID service allows you to verify the caller's number when the phone rings. You should subscribe the service in advance. Some other numbers or no number may be displayed depending on the caller's call environment.

Phone book functions

Quick save Key in the phone number and press Options. Select **Save** and key in the name. Press Options and select **Save**.

Quick search In the standby mode, press  or  and key in the first letter of the name. It finds the first name starting with the corresponding letter of the stored names. You can search another name by using  or .



NOTE: You can search the English phone book in the same way at Quick Search. You can select Korean Search or English Search by pressing  and identify the current mode with ,  displayed on the upper part of screen.

Menu functions

Entering a menu Press Menu in the standby mode and press  or  to go to the desired menu option.

Exiting a menu Press  to exit a menu function.

Other essential functions

Silent mode In the standby mode, press and hold . For more information, see the section "Your Phone" of Owner's Guide.

Cellular phone lock In the standby mode, press and hold . For more information, see the security setting menu of Owner's Guide.

Writing text message In the standby mode, press and hold . Scroll directly to write text message menu.

Voice tag In the standby mode, press and hold . In case that there is any saved voice tag, it will be changed to voice tag mode.

**Notifying
received
message**

If the text message is received in the standby mode, message alert will be rung. At this point, if you open the flap, message receiving mark will be displayed on the screen. If you want to read the received message, press **Read** or **List**. You can read the received message directly. If you do not read the received message, message unread sound will periodically be rung until you read it. To stop unread sound, press **Stop**.



NOTE: The external lamp on the flap, will flicker in blue, every-time you are connected to the network. If a message is received, it will flicker in red. If a call is received, it will flicker in green.



NOTE: Using the phone, you can conveniently select and use the profile set in advance depending on various surrounding condition. See the section "Profiles" of Owner's Guide.



NOTE: Using the phone, you can input all the Korean text in the same way of Nokia's easy English input. See "Text Input" on page 20 of Owner's Guide.

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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.



INTERFERENCE

All wireless phones may get interference which could affect performance.



SWITCH OFF IN HOSPITALS

Follow any regulations or rules. Switch phone off near medical equipment.



SWITCH OFF IN AIRCRAFT

Wireless phones can cause interference. Using them on aircraft is illegal.



SWITCH OFF WHEN REFUELING

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.



USE QUALIFIED SERVICE

Only qualified service personnel must install or repair equipment.



ACCESSORIES AND BATTERIES

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



CONNECTING TO OTHER DEVICES

When connecting to any other device, read its owner's guide for detailed safety instructions. Do not connect incompatible products.



MAKING CALLS

Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press

. To end a call press .



EMERGENCY CALLS

Ensure the phone is switched on and in service. Press  to clear the display. Enter the emergency number, then press . Give your location. Do not end the call until told to do so.

General Information

Security code

To prevent unauthorized use of phone and altering of settings, some of the functions are designed to operate only by entering the security code. The factory-set default security code is 12345. To avoid unauthorized use of your phone, change the code in the menu Settings. Keep the new code secret and in a safe place which is separate from your phone. For more details, see "Changing the security code".

Battery

Li-Ion battery BLK-1/BLK-2 is the rechargeable battery available for your phone.



WARNING! Use only batteries, chargers and 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.

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

Labels on the phone

Your phone's model number is located on the back of your phone under the battery. You'll need the information on this label if you call Nokia Customer Service. To ask

about an accessory, please have the accessory available for reference.

Nokia Customer Center

(Product-related inquiry)

Regardless of area code, please dial 080-234-1101.

SK Telecom Customer Center

(Service/Rate-related inquiry)

Regardless of area code, please dial 114 with the cell phone.

Regardless of area code, please dial 1566-0011 with the telephone (both for 011 and 017 customers).

Using this guide

Text conventions

In each step-by-step procedure, you'll often see the following words. As you follow the instructions given in this Owner's Guide, you will easily get used to the functions of the phone.

- **Press** means to press briefly (less than 0.8 seconds) and release a key.
- **Press xxx** means to press the soft key (, ) under xxx.
- **Press and hold** means to press and hold a key for 0.8 seconds or more (depending on the feature).

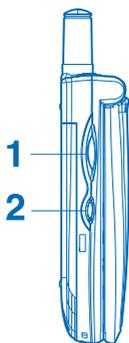
Also, the certain text "styles" are used to attract attention or to emphasize a point.

- The display texts which appear on the phone display are indicated in blue color, for example [calling](#).
- Menu or Options on the display are indicated in bold, for example **Menu**. You can select them by using  and .

1. Your Phone

Keys

This chapter introduces you to the keys and the standby mode display indicators of your phone.



1. Volume Key (Volume control function in the standby mode or during a call)

The upper key increases and the lower key reduces the phone's earpiece volume. If you press this key when the phone rings, the ringing tone sound will be muted.

2. Voice Memo Key (Voice record or play function)

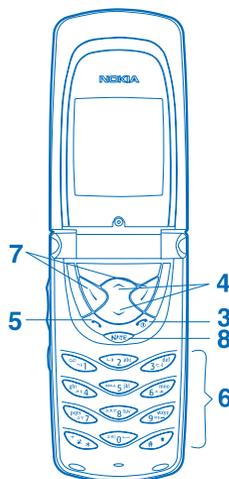
By pressing this key in the standby mode, you can check the saved voice memo. During a call or in the standby mode, press and hold this key for a while, to initiate voice recording. Press this key once again to end and save the recorded content.

3. Power key (Turn on or off the power/ end a call)

Pressing and holding the power key on top of your phone switches the phone on or off. When pressed briefly in the standby mode, it opens the list of profiles.

Ends or rejects a call.

Exits from a function.



4. Scroll keys (List search function)

enable moving cursor up and down in the phone book and menu functions.

When writing a message, move the cursor to the left or the right.

5. Send key (Make or answer a call)

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

6. ~

are used to key in numbers and letters.

Pressing and holding  in the standby mode calls your voice mailbox.

Pressing and holding  in the standby mode activates or deactivates Silent mode. If you set Silent mode, all the functions of phone sound will be deactivated and the call will be noticed with vibration.

Pressing and holding  in the standby mode activates the auto phone lock function. If setting the phone lock function, you have to enter the security code for use and if you turn off and on again the phone, phone lock function will be set again. Phone lock function can not be deactivated without entering the security code at Security setting menu.

7. Soft keys (Selecting/cancelling menu function)

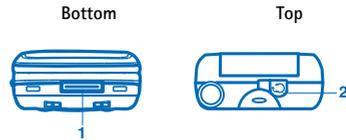
Each of these keys performs Select/Ok() , Back/Exit() indicated on the display above it.

In the standby mode, Pressing and holding  activates text message writing and, pressing and holding , voice dialing mode.

8. Internet key

is used to access to the internet. Pressing this key in the standby mode initiates the connection to internet.

Connectors



1. System connector

When using the data service, connect the data cable or the hands free for use in automobile.

2. Headset connector

Connects the personal headset or FM radio headset.

Display indicators in the standby mode



The indicators described below are shown when the phone is ready for use.

 and bar

shows the signal strength of the network at your current location. The higher the bar, the stronger the signal.

 and bar

shows the battery charge level. The higher the bar, the more power there is in the battery.



shows Korean input mode.



shows English input mode.



shows Numbers input mode.



shows Symbols input mode.



All ringing and warning tones for the current profile has been set to Silent.



shows that Silent mode is set.



shows that the alarm clock is set



shows that there is a received text message.



shows that there is a received voice message.



shows that the phone is on the line.



shows the mute state during a call.



shows that phone lock function is set.



shows that the phone is in a roaming network.



shows that the phone is connected to the internet.



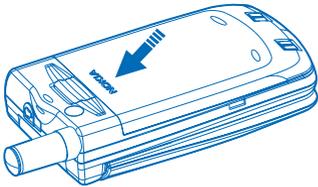
shows that the phone is connected to the PC with the data cable.

2. Getting started

Installing and removing the battery

Installing the battery

- Engage the bottom of the battery with the down groove of the phone.
- Slide the battery in the arrow direction until you can listen to the click sound.

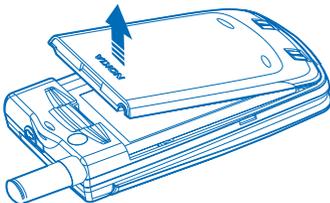


Removing the battery

- Press the battery release button upper and slide the battery off.
- Remove the battery by lifting it from the finger grip.



Warning! Before removing the battery, always make sure that the phone is switched off.

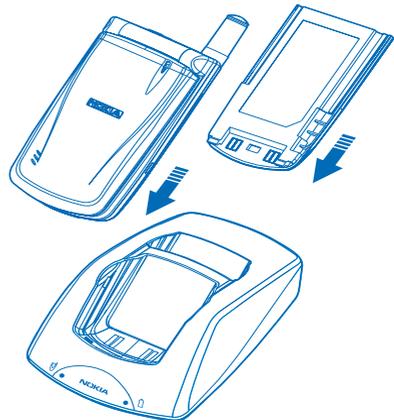


Charging the battery

Since battery is not fully charged when you purchased phone, please use it after making the battery fully charged.

1. Connect the charger to a wall outlet.
2. Insert the battery pack into the rear of charger to charge the battery pack only.
The battery-shaped lamp in front of the charger will be turned on in red. When the battery charging is completed, the lamp will be changed in green.
3. If you want to charge the battery-mounted phone, put the phone in the front outlet of battery charger.

The battery-shaped lamp in front of the charger will be turned on in red. When the battery charging is completed, the lamp will be changed in green.





NOTE: If you mount the phone and the battery on the charger at the same time, they will be charged by order of the phone and the battery. During the phone charging, battery-shaped lamp will be changed into orange which indicates that charging is on standby.



WARNING! If phone or battery are not mounted on charger properly, the lamp is flickering in orange. Mount the phone and battery on charger properly once again.

Checking the charging status

Insert the battery into the phone and turn the phone on. Then, the status will be shown on the right corner of the phone display.

shows that battery is full.	shows low battery, which requires charging.	shows that battery is almost discharged, which requires charging.

Battery elapsed time

If the new battery is full charged, you can use it as below.

Type \ Status	Compact	Standard
Talktime	105~120 mins	110~150 mins
Standby	138~150 hrs	190~210 hrs

- The above data is measured by our company according to the standard of Korea Consumer Protection Board. The talktime and standby time can vary depending on condition in use.

Battery charging time

Charging time for a fully discharged battery is as follows:

Type	Compact	Standard
Time	Max. 120mins	Max. 120mins

- The charging time may vary depending on battery status. Since battery can not be charged properly in an extreme hot or cold temperature, please always charge it in normal temperature.

Switching the phone on

Press and hold . If you switch on the phone, the screen below is displayed.



If the phone requests a security code

- Key in the security code. The default security code is 12345.
- It is displayed as asterisks *.
- Press Ok.



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



NOTE: Requesting the security code indicates your phone is in the phone lock function. To deactivate this function, deactivate the phone lock function at Security setting menu.

Changing the security code

1. In the **Settings** menu, select **Security settings**.
2. After selecting **Security code**, select **change security code** in the list. When the security code line is displayed, key in the previous security code (default is 12345) and press **Ok**.
3. Enter the new security code in the security code line and press **Ok**. You can use the numbers of 5 digits for security code. When you key in the security code, only ***** is displayed on the screen.
4. Enter the new security code again to confirm it and press **Ok**.

Switching the phone off

1. Press and hold .
2. Profile lists, including Switch off, are displayed.
3. Select **Switch off**.



NOTE: If you press and hold  until ending graphic comes out, you can easily switch the phone off. If something wrong happens in use or the phone is not switched on, switch the phone on after removing and reinstalling the battery.

3. Making and answering calls

Making calls

1. Key in the phone number including the area code.



NOTE: To edit a number on the display, press  to move the cursor to the right or press  to the left. Press Clear to delete the number.

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

International calls

To make an international call, you should enter the international access code and country code. Setting the shortcut key for international access number can make it easy to call.

International prefix setting

1. In **Settings** menu, select **Call settings**.
2. Select **Int'l prefix**.
3. Select **On**.
4. Key in the access number. The number should be started with 00.
5. Press **Ok**.

Using International prefix

After setting a shortcut for international access number, you are ready for use.

1. Press  twice or press and hold



Prefixed international access number is displayed.

2. Enter the country code, area code and the phone number in order.
3. Press  to call the number.

Making a call using the phone book

1. Press **Names**  in the standby mode.
2. Select **Find**.
3. Key in the first letter(s) of the name and press **Search**.
4. Use  or  to reach the desired name. If there are a lot of names in the phone book, entering the following letter continually finds out the name automatically.
5. Press  to call the default number of the name.



NOTE: Pressing  or  in the standby mode displays the phone number list on screen. If pressing the first letter of the desired name in the list, you can use the easy search function where the cursor moves to the first name starting with the corresponding letter. You can scroll the cursor with , .

Last number redial

The last ten phone numbers you called or attempted to call are stored in the phone's memory. To redial one of these last-dialed numbers:

1. When in the standby mode, press  to access the list of the last-dialed numbers.
2. Use  or  to reach the desired name or number. Press .

Speed dialing a phone number

If you have assigned a phone number to one of the speed dialing keys ( ~ ) , you can call that phone number in the following way:

- Press the corresponding speed dialing key and press . Or press and hold the speed dial key.



NOTE: Pressing and holding  dials your voice mailbox number. Please see "Assigning a phone number as a speed dial number".

Answering a call

1. You can answer a call either by
 1. Opening flap
 2. Press any key
 3. Press SEND key.

The default is to answer a call by opening the flap. See "Call settings".



NOTE: If you are subscribed to caller ID service, a call is not connected even if you open the flap when the phone rings. After identifying the caller, press the send key and answer a call.

2. Press  to end the call.

In-call options

By pressing **Options** during a call, the following In-Call options may be available:

- **Mute on/off**
Mutes the microphone during a call.
- **Send DTMF tone**
Sends the number entered at once connecting to ARS or telebanking service.



NOTE: If saving the frequently used number at Phone book, you can press **Search** on the number input screen and get and send the number saved in the phone.

- **Menu**
Uses the menu.
- **Phonebook**
Uses the phone book.
- **Send own number**
Sends own number in quick and simple. You can use this when you send your own number to voice mailbox or ARS.

4. Text input

You can input Korean, English, symbols and numbers in the same way as all the phone functions such as writing a message, name input etc.

Keys for numbers/letters

The following table shows letters/numbers displayed on screen when you press the corresponding keys.

Keys for numbers/letters	
Keys	Letters
	0, ▣, ▤, , space
	1, ▢, ▣
	2, ▢, ▣, a(A), b(B), c(C)
	3, ▢, ▣, d(D), e(E), f(F)
	4, ▢, ▣, g(G), h(H), i(I)
	5, ▢, ▣, j(J), k(K), l(L)
	6, ▢, ▣, m(M), n(N), o(O)
	7, ▢, ▣, p(P), q(Q), r(R), s(S)
	8, ▢, ▣, t(T), u(U), v(V)
	9, ▢, ▣, w(W), x(X), y(Y), z(Z)

Input

Press the corresponding keys to input letters. To delete a character, press Clear.

To erase more than two characters, press Clear as many times as required. Press and hold Clear to erase all characters entered.

Input mode switching and numbers/symbols input

You can enter the characters selecting one of Korean/English/Number/Symbol modes.

- To change the mode into Korean, capital and small letter of English, press . Input mode is changed to Korean, capital and small letter of English in order. You can identify the current input mode with **TEL**, **ABC**, **abc**.
- To switch to number mode, press and hold until **123** is displayed. To switch back to the text mode, press and hold again.
- To switch to symbol mode, press in the Korean or English mode. Scroll to the desired symbols and press Use. You can enter the symbol. In the symbol mode, **?!@** is displayed.

Korean input

Nokia 8887 provides an easy way to enter the Korean. You can select the desired consonants/vowels without pressing the same key several times. With predictive text input you can key in any characters by single keypresses. Since this function predicts the combination of consonants/vowels and displays the list of its potential

syllable, you can reduce the frequency of key input. If more than a syllable is displayed on preview screen, the frequently used syllable is displayed on top of it.

1. Press each key only once corresponding to the desired consonants/vowels in writing order. (Regardless of order indicated on Number keys, just press once.)
2. All Korean that can be combined with consonants/vowels entered are displayed on the right side of screen by the predicted frequency.
3. Scroll to the desired letter with  or  and press ok.
4. One letter input is completed. Repeat step 1 to 3 for next letter input.



NOTE: Since there is no affect on input without cursor on desired letter until pressing the whole consonants/vowels of syllable, select only once after pressing each the Number keys corresponding to consonants/vowels of desired syllable. Since 8887 saves usual frequency of Korean in advance and shows automatically the most frequent letter by key input, the letters displayed on the right side of screen is changed every time you press the keys.

Example: To enter "한잔"

1. Press , ,  only once in order. "한", "잔" are displayed in the right preview screen.

2. Scroll to the desired letter(한) using  or  and press Ok('한' has been entered).
3. Press , ,  only once in order. "찬", "잔" are displayed in the right preview screen.
4. Scroll to the desired letter(잔) using  or  and press OK('잔' has been entered).

To complete a syllable(a set of letters), press Ok, or press  or  (Once syllable input is completed, cursor shape is changed from invert to thin line).

5. Completing syllable input, press  during 0.8 sec. to insert the number, "0"; press and hold it for 1.5 sec. to insert a blank.



NOTE: To input double consonants(ㄲ, ㄸ, ㅃ, ㅆ, ㅉ), press the corresponding key twice. To input mixed consonants(ㄴㅈ, ㄹㅊ, ㄹㅎ etc.) or vowels(ㅟ, ㅠ, ㅡ etc.), press each corresponding key by order.

English input

Press  at the letter input screen and change to capital or small letter mode of English. **ABC** (English capital) or **abc** (English small) is displayed on the upper part of screen.

Also, if pressing **Options** on the letter input screen and selecting **Other Characters - abc** in order, you can change to English mode.

Example: To input 'ABC'

You can write ABC by pressing the key indicating the desired letters repeatedly.

Press once for 'A', press twice for 'B' and press three times for 'C'.

Note that you input the next letter in 1.5 seconds to input continuously English letters on the same key.

(Move the cursor with or , and you can input the next letter in less than 1.5 seconds).

To insert a blank between letters, press



Symbol input

How to input symbol:

- Press at the letter input screen, scroll to the desired code with , , and press Use.
- Press **Options** and select **Insert symbols**. Scroll to the desired symbol with , , and press Use. ¶ of symbols is line change letter. The last one of symbols indicates 'blank' which is displayed in blank and used for making blank between letters. You can also input blank by pressing and holding



NOTE: In the English input mode, if you press continuously, the frequent-used symbol becomes changed and displayed.

Numbers input

How to input numbers:

- Press and hold at the letter input screen and convert to the number input mode and input numbers.
- Press **Options**, and select **Insert numbers**. Press the corresponding key to input a number.
- If pressing and holding the desired number key at the English/Korean mode, you can input the corresponding number.

Moving the cursor

Move the cursor to the desired location with or at the letter input screen.

5. Phone book (Names)

You can store phone numbers in the memory of the phone. Please see "Storing a phone number with a name" section.

Your phone can store 200 names and 5 numbers and one note for each name.

Using the phone book

1. Press **Names**  in the standby mode and select the desired function.
2. During a call, press **Options** and select **Phone book**.



NOTE: To see the list of stored names or numbers quickly, press  or  in the standby mode.

Storing a phone number with a name

1. Press **Names**  and select **Add name**.
2. Key in the name. (See "Text input" for entering the text.)
3. Press **Options** and select **Save**.
4. Select the desired type of the phone numbers.
5. Key in the phone number and press **OK**.



NOTE: QUICK SAVE

In the standby mode, key in the phone number, press **Options** and select **Save**. Key in the name, press **Options** and select **Save**. Key in the phone number and press and hold **Options** to store the number only.

Storing multiple numbers and a text

You can save up to 5 phone numbers and one text such as e-mail or address for each name.

The first one of 5 saved phone numbers is saved as the default number. When you want to make a call or send a message after selecting a phone number at the phone book, the default is used unless other numbers are selected. Users can change the default number(See "Changing the default number").

Users can change the default number(See "Changing the default number").

In case of each number and text item, you can set the number type. If the number type is not selected, it is set to  (Standard). The default number icon has the frame like .

Adding a new number or a text

1. Scroll to the desired name in the phone book and press **Details**. For finding the name, see "Searching from the phone book".
2. Press **Options** and select **Add number** or **Add text**.
3. Select the desired number or text type.



Standard
(Default if no type is selected.)

 Mobile

 Home

 Office

 Fax

 Email - text type

 Note - text type



NOTE: You can change the number or text type later by using [Change type](#) in the **Options** list.

4. As for number, key in the number and press **Ok**. For E-mail or note, key in the letter and press **Options**, and select [save](#).
5. Repeat the step 2 -4 to add the number or text continuously.
6. Press **Done** to complete the adding feature, and press  to return to the standby mode.

Adding and erasing a voice tag to a phone book entry

1. Scroll to the desired name in the phone book and press **Details**. For finding the name, see "Searching from the phone book".
2. Press **Options** and select [Add voice tag](#).
3. You can add the desired voice tag following the guide message. If voice tag is saved, the message indicating it is saved is displayed.
4. Press **Options**, scroll to [Erase voice tag](#) and press **Select**. Then, the voice tag saved in the number is erased.



NOTE: If you erase numbers in the phone book in all cases, saved voice tag is deleted as well; however, if you erase voice tag, the numbers you have saved in the phone book is not erased.

Changing the default number

1. Scroll to the desired name in the phone book and press **Details**. For finding the name, see "Searching from the phone book".
2. Scroll to the number view screen you want to set as a default with , , and press **Options**.
3. Select [Set as default](#).

Searching from the phone book

1. Press **Names**() in the standby mode.
2. Press [Search](#).
3. Key in the first letter of the name to find and press **Search**. (Press **Search** to see the entire name list.)
4. Scroll to the desired name with , , or key in the more letters to search in detail.
5. For the details of selected name, press **Details**. To make a call, press .



NOTE: To search the names and number quickly, press or in the standby mode. Key in the first Korean consonant or English letter of desired name and search the correct name with or . You can switch Korean and English with .

Assigning a phone number as a speed dial number

You can use the number key ~ as the speed dial numbers. To do so, you should assign the phone numbers to the number keys.

1. In the standby mode, press **Names**() and select **Speed dials**.
2. Scroll to the desired speed dials 2 ~ 9 and press **Assign**.
3. Press **Search**, scroll to the desired name and press **Ok**.
4. If more than one number is stored for a name, select the desired number by using or .



NOTE: You can make a call, change a number and deactivate assigning shortcut key after assigning the numbers to speed dial numbers.

Making a call with the speed dials

If a phone number is assigned to a key, you can make a call using the following ways:

- Press the desired speed dial key and then press .
- In the standby mode, press and hold the desired speed dial key.



NOTE: Pressing and holding calls the voice mailbox.

Editing the phone book

Editing names and numbers

1. Scroll to the name or number you want to edit and press **Options**.
2. Select **Edit name** or **Edit number**.
3. In case that you select name edit, select **Save** after inputting name and pressing **Options**. If you select number edit, input number and press **Ok**.

Erasing names

You can remove names from the phone book one by one or all at once.

Erasing one by one

1. In the standby mode, press **Names**() and select **Erase name**.
2. Select **One by one**.

3. Scroll to the name you want to erase and press **Erase**.
4. At the prompt "Erase selected name", press **Ok**.



WARNING! If more than one number are saved for a name, all numbers and text related to the name is deleted by selecting **Erase**.

Erasing all

1. In the standby mode, press **Names** (📞) and select **Erase name**.
2. Select **Erase all**.
3. Key in the security code and press **Ok**.
4. At the prompt "Are you sure", press **Ok**.



WARNING! If you remove all, all names and numbers you have saved in the phone are deleted. Please be careful lest your valuable information is deleted by accident.

Own numbers

In the standby mode, press **Names** (📞) and select **Own numbers**. You can see your own number in use.

Caller groups

For each caller group, you can set the phone to sound a specific ringing tone and flash a preselected graphic or LED color on the display when you receive a call from a phone number in a group. To do so, the

names and the phone numbers should be in the caller group.



NOTE: This function is operated only if you are subscribed to caller ID service.

Adding a phone number to a caller group

1. In the standby mode, press **Names** (📞) and select **Caller groups**.
2. Select the desired caller group.
3. Select **Members**.
4. Select **Add name**, scroll to the desired name and press **Add**. If the name is already there, press **Options** and select **Add name**.



NOTE: After finding the desired name and number, to add the name to caller group, press **Options** and select **Caller groups** on the name or number view screen. Select the desired group.

Setting the ringing tone, graphic and name for a caller group

1. In the standby mode, press **Names** (📞) and select **Caller groups**.
2. Select the desired caller group.
3. Select one of the following settings.

Group title

To change the group title, key in the new name, press **Options** and select **Save**.

Group tone

To set the specific tone for a group, select the desired ringing tone.

Group graphic

To display the graphic for a group when the phone rings, select **On**.

The followings are graphics by group.

- Family : 
- Friends : 
- Colleagues : 
- V I P : 
- Other : 

Group LED color

You can set the different LED color by group flickering when the phone rings. Select one of pink-blue, rainbow-green, red, sky blue and green.

Basic colors by group:

- Family : Pink-blue
- Friends : Rainbow-green
- Colleagues : Blue
- V I P : Red
- Other : Sky blue



NOTE: If caller group is not assigned, the LED is flickering in green. Some LED color may appear separated by properties of the parts.

Removing a name from a caller group

1. In the standby mode, press **Names**  and select **Caller groups**.
2. Select the desired caller group.
3. Select **Members**.
4. Scroll to the name you want to remove, press **Options** and select **Remove name**.

Memory status

You can check how many names and phone numbers are stored in the memory by the percentage.

1. In the standby mode, press **Names** .
2. Select **Memory status**.

Voice dialing

You can see or delete the list of saved voice tags, and set the auto voice tag. To add or delete a voice tag to a name, see "Adding and erasing a voice tag to a phone book entry" on page 23.

Voice tag list

1. In the standby mode, press **Names**  and select **Voice tags**.
2. Select **Voice tag list** to see the stored voice tag list.
3. To listen to the stored voice tag, scroll to the desired voice tag by using  or  and press **Details**.

Erase all tags

1. In the standby mode, press **Names** (📞) and select **Voice tags**.
2. Select **Erase all tags** to erase all stored voice tag list.



NOTE: If you erase voice tag, the numbers and their related information you have saved in the phone book is not deleted.

Auto voice tag mode

1. In the standby mode, press **Names** (📞) and select **Voice tags**.
2. Select **Auto voice tag**.
3. After selecting **On**, if you open the flap, voice tag mode is automatically started. To deactivate voice tag mode and return to the standby mode, press **Exit** or (👁) in the voice tag mode.



NOTE: Regardless of setting the auto voice tag mode, in order to switch to the voice tag mode, press and hold **Names** (📞) in the standby mode (📞 is displayed on screen). This mode is available only if there is a stored voice tag.

Searching area code list

This function allows you to search the area codes.

1. In the standby mode, press **Names** (📞) and select **Area code list**.
2. Scroll to the desired area by using (👁) or (👁).
3. Select the desired area code to display the area code on standby mode screen. At this point, you can keep entering the desired numbers.

6. Using the Menu

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

Most of the menu functions are provided with a brief help text. To view the help text, scroll to the desired menu function and wait for 10 seconds. There are two ways to access a menu.

Accessing a menu function by scrolling

1. In the standby mode, press **Menu**.
Scroll with  or  to reach the desired menu and press **Select** to enter the menu.
2. If the menu contains any submenus, find the one you want by scrolling with  or  and press **Select** to enter the submenu.
If the menu you have selected contains submenus, repeat this step.
3. Scroll with  or  to find the setting of your choice. Press **OK** or **Select** to confirm the chosen setting.



NOTE: You can return to the previous menu level by pressing **Back**. You can exit the menu without changing the menu settings by pressing .

Accessing a menu function by using its shortcut

The menu items (menus, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number. The shortcut number is shown in the top right corner of the display. For menu shortcuts, see the menu map.

1. In the standby mode, press **Menu**.
2. Key in the numbers of corresponding menu.

Example: setting Answer call to "Opening flap"

- After searching Answer call in the menu map of Owner's Guide, press **Menu**, , , , and  in order by menu number.
-  for Settings,  for Call settings,  for Answer call and  for 'Opening flap'.

7. Menu functions

NATE (Menu 1)



Connect NATE (Menu 1-1)

You can use variable services accessing wireless internet.

NATE wizard (Menu 1-2)

You can use various contents, such as game or music room, which is downloaded from NATE Service. On downloading these contents, you can run them on your cellular phone. Also, since they are automatically saved on the terminal, you can run the contents at any time, wherever you are.

Wizard archive (Menu 1-2-1)

In the wizard archive, you can save and run the contents you downloaded. The number of contents currently downloaded is displayed in the right of the menu name. The number of contents you can save depends on the size of the contents.

In the contents list that appears after selecting the wizard archive, the memory usage used in its contents is displayed in the right of each content and the remaining memory is displayed at the top.

When you select the desired contents from the list, you can run it.

Chatting edit (Menu 1-2-2)

The reserved words, which is registered, can be edited for chatting. You can select the desired word, and then save it as word or paragraph you want to use after editing them. During the network game, to switch to the chatting mode, press .

Internet mail (Menu 1-3)

This allows you to write a mail or send it using the wireless internet. You should set a mail account before using the mail.

Outbox (Menu 1-3-1)

Using Outbox, you can create a mail to send or save the mail for later use. Also, you can send the mail you saved.

Write new mail (Menu 1-3-1-1)

1. Enter the recipient's address in the address input window.
2. Press **Options** and select **Next**.
3. Enter the title.
4. Press **Options** and select **Next**.
5. Enter the contents.
6. Press **Options** and select one of **Send**, **Save**, and **Save & Send**. If you select **Save** or **Save & Send**, the mail you wrote will be saved in the cell phone.

View outbox (Menu 1-3-1-2)

This allows you to select, modify, and edit the saved mail. The way to send a mail is the same as that of write new mail.

Mail account (Menu 1-3-2)

Sets the user name, mail address and mail server to use when sending a mail.

User name (Menu 1-3-2-1)

1. Enter the user name to use in the mail.
2. Press **Options** and select **Save**.

Mail address (Menu 1-3-2-2)

1. Enter a mail address to be used in the user address input window.
2. Press **Options** and select **Save**.

Mail server (Menu 1-3-2-3)

1. Enter a mail server address to be used in the mail server address input window.
2. Press **Options** and select **Save**.



NOTE: To send a mail using your cellular phone, you need to set a mail account correctly; the mail may not be sent depending on the status of the mail server. Please note that the mail server supports SMTP; mail server of SK Telecom has been entered as default.

Mobile wallet (Menu 1-4)

This service is a mobile commercial service, which allows you to help secure business and financial transaction in the wireless environment. This is done by pressing a key simply, for example, on the NATE's shopping mall by making the payment completed. For this service, you need the cellular phone with WPKI feature to ensure high security, which is loaded with the electronic wallet implemented by

software; enter your personal information, the settlement information, such as credit card, and delivery information.



NOTE: For more information about how to use the mobile wallet, please see the booklet or contact SK Telecom customer service center (114 without the local code using your cellular phone).

Message (Menu 2)



Text messages (Menu 2-1)

You can read and write a message.

By selecting the desired message in the inbox, outbox and archive, you can read a message. To read a long message, scroll across the display by pressing  or  on the message screen.

Inbox (Menu 2-1-1)

You can read, erase, save and forward the received text message to others. The unread message is displayed in  and the read message is displayed in  in the message list.

If pressing **Options** on the message screen, you can select the following options.

- Erase
- Save to archive
- Forward
- Reply



NOTE: If a notice indicating receiving text message is displayed in the standby mode, press **Read** to read the received message. When the received message is more than one, you are connected to Inbox directly by pressing **List**.

Write a message (Menu 2-1-2)

Writes and sends a text message.

1. Write a message on the write message screen.
2. Select **Send** in **Options** menu.
3. Input the receiver's phone number.
4. Input the call back number. The default is your phone number.

If you press **Options** on the write message screen, you can select the following options.

- Send
- Insert numbers
- Insert symbols
- Other characters
- Save to archive
- Insert templates
- Message settings
 - Urgent



NOTE: If selecting **Insert templates**, you can edit the message saved in the phone.

Page (Menu 2-1-3)

Transmits the call back number to the receiver.

1. Input the receiver's phone number to page and press **OK**.
2. Input the call back number and press **OK** or . The default is your phone number.

Outbox (Menu 2-1-4)

You can view the text message sent or to send. If you press **Options** on the message content screen, you can select **Erase**, **Send**, **Save to archive** options.

The sent message is displayed as  and the unsent message is displayed as  in the message list.

Archive (Menu 2-1-5)

You can save the desired message for a long time. You can erase, send or answer the archived message.

Template (Menu 2-1-6)

You can edit and send the saved message. The way to edit and send is the same as that of **Write message** menu.

Erase all (Menu 2-1-7)

All read (Menu 2-1-7-1)

You can erase all the messages archived in inbox, outbox, archive except the unread message.

All read in inbox (Menu 2-1-7-2)

You can erase all the messages archived in inbox except the unread message.

All in outbox (Menu 2-1-7-3)

You can erase all the messages archived in outbox.

All in archive (Menu 2-1-7-4)

You can delete all messages archived in archive.

Voice messages (Menu 2-2)**Listen to msg. (Menu 2-2-1)**

You can connect to the voice mailbox and listen to voice message.

View voice mail (Menu 2-2-2)

You can check indicating a voice message received.

Clear voice mail (Menu 2-2-3)

You can erase the voice message receiving record and icon.

Call register (Menu 3)

You can check the call records of the phone. If pressing **Options** at **Missed calls**, **Received calls** or **Dialed calls**, you can select the following functions:

- **Call time**
You can check the call time in a unit of dates, hours, minutes, seconds.
- **Edit number**
You can modify the selected number and make a call or save it in the phone book.
- **Save**
You can save the selected number in the phone book with a new name.
- **Add number**
You can add the selected number to the existing names of the phone book.
- **Erase**
You can delete the selected number.
- **View number**
You can see the number of the selected name. It displays when you make a call to the name saved in the phone book or receive a call from that.



NOTE: Only if you are subscribed to caller ID service, caller's number can be displayed in the missed calls and received calls list. In case of the item of Missed calls and Received calls which the Caller ID is not displayed on, there're just Call time and Erase.

Missed calls (Menu 3-1)

This function allows you to view a list of the last ten phone numbers from which somebody has tried to call you with no success.



NOTE: If the notice message of missed call is displayed in the standby mode, press **List** to see the missed call list. To make a call to the caller directly, press  after scrolling to the desired name or number.

Received calls (Menu 3-2)

This function allows you to view the last ten phone numbers from which you have most recently accepted calls.

Dialed calls (Menu 3-3)

This function allows you to view a list of the last ten phone numbers from which you have most recently called or tried to call.



NOTE: To view the list of the last dialed number, press  in the standby mode. Scroll to the desired phone number and press  to call the selected number.

Clear call lists (Menu 3-4)

This function allows you to delete all the phone numbers that appear in menus from 3-1 to 3-3.

Call timers (Menu 3-5)

This function allows you to view the duration of your incoming and outgoing calls by hour, minute and second.

Last call (Menu 3-5-1)

Shows the latest call time.

All calls (Menu 3-5-2)

Shows the total of call time after the last initializing.

Dialed calls (Menu 3-5-3)

Shows the total of dialed call time after the last initializing.

Received calls (Menu 3-5-4)

Shows the total of received call time after the last initializing.

Clear timers (Menu 3-5-5)

Initiates the display of all call time.

Profiles (Menu 4)



This menu offers you a convenient way to customise the alert of your phone to suit a variety of events and environments. If you set the profile according to each personality, life style, you can observe the phone etiquette suitable for the situation only with simple mode selection.

Changing profiles

You can select one of General, Silent, Outdoor, My style as a profile and change the name of each profile except General (Default is General). To select the desired profile mode, press and hold  in the

standby mode. Then, profile list is displayed. Select the profile you want to use in the list.



NOTE: You can also change profile by selecting the desired mode in **Profiles** menu.

Activating profiles

1. In the standby mode, press **Menu** and select **Profiles**. In its **Options**, you can set one of General, Silent, Meeting, Outdoor, My style, Handsfree, and Headset modes.



NOTE: You can see the hands free mode only if the phone is connected to hands free and headset mode only if phone is connected to headset in profiles menu.

2. Select the desired mode and press **Ok** in **Activate**.
3. Select the topic you want to customize.
4. Select the desired operation.



NOTE: Even you set profile, the setting can not be applied to the phone without selecting the corresponding mode.

Customizing profiles

If you select **Customize**, you can modify the following functions.

Incoming call alert

This setting defines how the phone will notify you about an incoming voice call. This options available are: Ringing, Ascending, Ring once, Beep once and Off.

Ringing volume

Sets the volume level for the ringing and message alert tones.

Ringing tone

Sets the ringing tone for voice calls among 35 built-in and 5 download ringing tones. Download ringing tones can save up to 2 chordal ringing tones and 3 simple ringing tones.

Answered call vibration

Sets the phone to vibrate when a voice call or a message is received.

Keypad tones

Customizes or deactivates the volume level for keypad tones.

Warning tones

Sets selection tone and alarm tone enable or disable.

Message alert

Selects the alert tone when the message is received. You can set one of Standard, Ascending, Special, Beep once, Off.

Auto answer

Sets the phone to answer an incoming voice call after five minutes automatically.

Lights

Sets the display and keypad lights.



NOTE: [Auto answer](#) can be displayed only if the phone is connected to headset or hands free and [Lights](#) can be displayed only in case that phone is connected to hands free.

Renaming profiles

This function allows you to edit the name of the selected profile. This function is not available in [General](#), [Headsetimet](#) and [Handsfree](#) mode.

1. In the standby mode, press **Menu** and select [Profiles](#).
2. Scroll to the mode you want to rename, press **Options**. Scroll to [Rename](#) and press **Ok**.
3. Key in the new name, press **Options** and select [Save](#).

Settings (Menu 5)



Time settings (Menu 5-1)

Alarm clock (Menu 5-1-1)

In this menu the phone can be set to alarm at the specified time. If the alarm clock is set,  is displayed on the upper part of standby screen.

1. In the standby mode, press **Menu** and select [Settings](#).
2. Select [Time settings](#) and [alarm clock](#).
3. Enter time and press **Ok**.
4. Select [am](#) or [pm](#).

5. Set the repeat frequency. If you select [Alarm once](#), it operates once on the specified time. If you select [Alarm daily](#), operates on specified time of every day.



NOTE: When the alarm time is reached, the phone sounds an alert tone and "[Alarm!](#)" is also shown. You can end an alert tone by pressing **Stop** or . If you press [Snooze](#), the alarm resumes 10 minutes later.

Clock (Menu 5-1-2)

Clock display

- Show clock/Hide clock
Decide to display the clock in the standby mode.

Time format

- You can select either 24-hour or 12-hour time formats.

Call settings (Menu 5-2)

Auto area code (Menu 5-2-1)

This function automatically displays the preset area code when you key in the phone number.

1. In the standby mode, press **Menu** and select [Settings](#).
2. Select [Call settings](#) and [Auto area code](#).
3. To set the area code, select [On](#) and to cancel it, select [Off](#).
4. If you select [On](#), area code screen is displayed.
5. Key in the desired area code and press **Ok**.



NOTE: To search for area codes without entering the number, press **Search**, which shows the area code list. Scroll to the desired area code and press **Ok** to display the selected code in the area code window.

International prefix (Menu 5-2-2)

When you key in the phone number, pressing  twice or pressing and holding  automatically displays the preset international prefix.

1. In the standby mode, press **Menu** and select **Settings**.
2. Select **Call settings** and **International prefix**.
3. To set the prefix, select **On** and to cancel it, select **Off**.
4. If you select **On**, access number screen is displayed. Key in the international call access number you want to set and press **Ok**.

Answer call (Menu 5-2-3)

You can answer a call either by

1. Opening flap
2. Press any key
3. Press **SEND** key.

The default is to answer a call by opening the flap. See "Call settings".

Automatic redial (Menu 5-2-4)

This function allows your phone to make up to three attempts automatically to connect the call after an unsuccessful call attempt.

orig. call alert (Menu 5-2-5)

This function notifies you with the sound, when the call channel is linked between the phone and the base station.



NOTE: Depending on the station condition, the sound may not made.

Data service (Menu 5-2-6)

This function provides you the voice/data/fax services.

Incoming mode

Sets the modem data or fax receiving mode.

Data speed

Sets high-speed or low-speed data depending on the service and station environment.

Phone settings (Menu 5-3)

Sets the phone operations. To set each function, press **Menu** in the standby mode and select **Settings** and **Phone settings** in order.

Language (Menu 5-3-1)

Within this menu, you can select the language in which the display texts will be shown - between [Korean](#) and [English](#). Select [English](#) to change all the display to English.

Touch tone length (Menu 5-3-2)

This function sets the sound length of key tone made when you pressed number key in-call. you can set in either [long](#) or [short](#).

If your phone connected to the Automatic Response System (ARS) and the relative system can not recognize the key, you should set to [Long](#).

Background settings (Menu 5-3-3)

This function sets the phrase or graphic displayed on background display. If you have downloaded graphic, you can set the graphic on background display (You can download up to 5 graphics.).

Idle display (Menu 5-3-3-1)

This function sets the phrase or picture displayed in the standby mode. If selecting [User input text](#), you can input and display the desired phrase on the standby screen.

Power on (Menu 5-3-3-2)

Sets the picture displayed when you switch the phone on.

Power off (Menu 5-3-3-3)

Sets the picture displayed when you switch the phone off.

Incoming call (Menu 5-3-3-4)

Sets the picture displayed when the phone rings. If you are subscribed to caller ID service, the picture is not displayed.

NATE connect (Menu 5-3-3-5)

Sets the picture displayed when you access NATE.

Display contrast (Menu 5-3-4)

This function controls display contrast of the phone. You can set either [Automatic](#) or [Manual](#).

Automatic

Select [Automatic](#). The default of the phone is set.

Manual

1. Select [Manual](#).
2. Scroll with  or  to set the contrast.
3. Press **Ok** in the desired contrast.

Auto backlight (Menu 5-3-5)

You can set the time of the phone backlight on. You can make it that light always is off in 15 or 10 seconds after entering the last key.

NAM selection (Menu 5-3-6)

Selects the phone number to use among the registered ones. NAM selection feature is used to set roaming network.

Roaming service is to make it possible to use the cellular phone in another communication network or the overseas network. This service can be used only if it's agreed on by each partners. Please contact your service provider for more information.



NOTE: If NAM is selected, the power of the phone is off and on automatically.

Restore factory settings (Menu 5-3-7)

This function restores the original factory default settings without affecting phone book, message, etc.

Number plus (Menu 5-3-8)

Allows you to edit and remove the supplementary phone number. To use this menu, enter the security code. The default security code is 12345.

Edit number (Menu 5-3-8-1)

Enter the cell phone number for supplementary.

Ringtone (Menu 5-3-8-2)

Sets the ringing tone of the number plus. Without the number entered, the selected ringing tone will not be ringing.

Erase number (Menu 5-3-8-3)

Deletes the registered number plus.



NOTE: Number plus service allows you to select the receipt-only number in a cellular phone additionally (only if applying for the service separately). Since this number is for voice-receipt only, you cannot receive the text message.

Security settings (Menu 5-4)

You can set the functions such as Call restriction, Phone lock, etc. requiring the security code or change the security code. To set each function, press **Menu** in the standby mode, and select **Settings** and **Security settings** in order.

Call restriction (Menu 5-4-1)

You can restrict All calls, International call, Define numbers.

All calls (Menu 5-4-1-1)

Restricts all incoming and outgoing calls.

International calls (Menu 5-4-1-2)

Restricts international calls.

Define numbers (Menu 5-4-1-3)

Restricts outgoing call starting with the number you have designated.



NOTE: When all calls are restricted, calls may be possible to certain emergency numbers (e.g. 112, 113, 119).

Security code (Menu 5-4-2)

This menu is related with phone lock and changing the security code. It contains the following submenus.

Phone lock (Menu 5-4-2-1)

This function prevents from making a call to non-emergency number, using the memu, and saving the memory.

To set phone lock on, press and hold  in the standby mode or select **On** in phone lock menu.

When phone lock is set, to use your phone, you should enter the security code. If you enter the security code, the lock is off until switching off the phone. If you switch on the phone later, phone lock in on automatically. If you select **Off** in phone lock menu, the phone is not locked regardless of switch on or off the phone.

Allowed number when locked (Menu 5-4-2-2)

Even phone lock is on, this function saves the phone number available for outgoing.

Change security code (Menu 5-4-2-3)

This function changes the security code.

1. Key in the security code and press **Ok**. The initial value of security code is 12345.
2. Enter the new security code and press **Ok**.
3. Enter the new security code again to confirm it and press **Ok**.

NATE settings (Menu 5-5)

Preference when running NATE at first. To use this menu, enter the security code and press **Ok**.

Gateway (Menu 5-5-1)

Allows you to set the gateway which the browser uses.

Home URL (Menu 5-5-2)

Allows you to set URL which the browser access at first.

Restore settings (Menu 5-5-3)

You can set the browser preference as default.

Game (Menu 6)



Your phone offers you a game to play: Snake II.

In this game, snake's tail is getting longer every time snake eats feed. A special feed appears for certain time every time snake eats 5 pieces of feed and if snake eats this, snake tail will not be getting longer. If snake eats all 15 pieces of feed by each stage, the game moves to the next stage.

Finishing the last stage, the first stage of new game starts with the higher level.

Continue game (Menu 6-1)

Allows you to resume a paused game.



NOTE: If pressing  on game, you can pause the game and use the game menu, and continue to play by selecting **Continue game** in the menu.

Play (Menu 6-2)

Starts a new game.

1. In the standby mode, press **Menu**.
2. Select **Game**.
3. Select **Play**.
4. Select the desired stage.
5. The game starts.

Level (Menu 6-3)

Allows you to set the level of difficulty.

Top score (Menu 6-4)

Shows up to the third highest score.

Instructions (Menu 6-5)

Introduces how to play the game.

Keys for use are as follows.



: To move to the upper



: To move to the left



: To move to the right



: To move to the lower

Or you can change the direction of the movement easily with following keys.



: To move to the left of the proceeding direction.



: To move to the right of the proceeding direction.

If you do not make any movement for 60 seconds, the game stops.

Sound Setting (Menu 6-6)

On or off the sound on game.

Calculator (Menu 7)



The calculator in your phone adds, subtracts, multiplies, divides, and converts currency values.

Using the calculator

1. In the standby mode, press **Menu**.
 2. Select **Calculator**.
 3. When "0" is displayed on the screen, Enter the the number you want to calculate. To change the sign, press **Options** and select **Change sign**. To enter the decimal point, press . When you erase the entered number, press **Clear**.
 4. To use operator, press  or ,  (you can identify the current operator on the right side of the display.)
- NOTE:** You can also press **Options** to select the desired operator.
5. Enter the next number in a condition that the desired operator is displayed. Repeat 3 and 4 steps as many as necessary.
 6. To display the result, press **Options** and select **Equals**.

The result is displayed as well by scrolling cursor to  on operator screen at right side. At this point, entering the number erases all existing result and starts new calculating.

7. To erase all the entered numbers and start a new calculation, press and hold **Clear**.

To make a currency conversion

1. To set exchange rate, press **Options** without number displayed on calculation screen and select **Exchange rate**.
2. Select either **Foreign Unit expressed as** or **Domestic Unit expressed as**.
3. Key in the exchange rate and press **OK**. To enter the decimal point, press .



NOTE: If you select **Foreign Unit expressed as**, exchange rate stored as default is displayed. This rate is what divides foreign currency by domestic currency and you can change it suitable for current setting.

If you select **Domestic Unit expressed as**, exchange rate stored as default is displayed. This rate is what divides domestic currency by foreign currency and you can change it suitable for current setting.

4. To convert into designated exchange rate, press **Options** and select either **Foreign Unit expressed as** or **Domestic Unit expressed as** after entering the value to convert on calculator screen.

Calendar (Menu 8)



The calendar helps you to keep track of reminders, calls that you need to make, meeting, and birthdays. The phone sounds an alarm tone when the set date for each schedule.

View date

1. In the standby mode, press **Menu**.
2. Select **Calendar**.
3. Scroll with  or  to the desired date. Also you can move to the desired date just by entering the dates.



NOTE: If you press number keys to move the desired date, it scrolls only to the dates after the current dates. For example, if today is March 15 and you press , it moves to April 8. Pressing  moves to today.

- In view date, dates and days is displayed, and if there is a note (Meeting, Call, Birthday, Memo) saved on the date, the icon for the note type is displayed.

View day notes

It is displayed only if there is a note saved on the selected date.

1. Press **Options** in view date screen and select **View day notes**.
2. You can check the note contents by using  or .

If pressing **Options** in view day notes screen, you can select the below functions.

View all

You can see all notes(Meeting, Call, Birthday, Memo) saved on the selected date.

Make a note

You can make a new note(Meeting, Call, Birthday, Memo) on the current-selected date.

Erase

You can delete the selected note.

Edit

You can edit the selected note.

Move

You can move the selected note to another date.

View by weeks

You can see the calendar by week.

Go to date

You can move to the desired date and identify the saved note.

Copy

You can copy the note contents and reset the date.

Settings

See "Settings" on page 43.

Make a note

Press **Options** in view date screen and select **Make a note**. You can make a note as below.

Meeting

1. Select **Meeting**.
2. Press **Search** to search the phone book, or key in the letters.
3. When you complete writing, press **Options** and select **Save**.
4. Set the clock and alarm.

Call

1. Select **Call**.
2. To search the phone book, press **Search** or key in the letters.
3. Press **Search** to search the phone book, or key in the phone numbers and press **Ok**.
4. Enter a name, press **Options** and select **Save**.
5. Set the clock and alarm.

Birthday

1. Select **Birthday**.
2. Press **Search** to search the phone book, or key in the letters.
3. When you complete writing, press **Options** and select **Save**.

4. After entering the date of ones birth, set the alarm.

Memo

1. Select **Memo**.
2. Key in the letter, press **Options** and select **Save**.

View by weeks

You can see the calendar by week. Today on calendar is displayed in bold.

1. Press **Options** in view date screen and select **View by weeks**.
2. Scroll with  or  to View by weeks.



NOTE: Pressing  on **View by weeks** moves to the week including today.

Go to date

You can move to the desired date directly and identify its note.

1. Press **Options** in view date screen and select **Go to date**.
2. Key in the desired date and press **Ok**.

To-do list

You can see the lists to do and add new things to do.

1. Press **Options** in view date screen and select **To-do list**.
2. Select **Add**.
3. Key in the to-do item, press **Options** and select **Save**.

4. Select **Priority**.
5. Set the clock and alarm.

Settings

You can set the basic items on Schedule menu.

Press **Options** in view date screen and select **Settings**.

Date format

You can select the date format displayed on scheduling.

1. Select **Date format**.
2. Select one of **DDMMYYYY**, **MMDDYYYY** and **YYYYMMDD** date formats.
3. Select one of the date separators, **.//-**.

Time format

You can select between 24-hour or 12-hour time formats.

1. Select **Time format**.
2. Select **12 hour** or **24 hour**.

Week starts on

You can select the starting day of a week displayed on calendar as Monday or Sunday.

1. Select **Week starts on**.
2. Select **Monday** or **Sunday**.

Auto erase

This is the function to erase automatically the saved note contents in a month, three months, or six months.

1. Select [Auto erase](#).
2. Select one of [Never](#), [After 1 month](#), [After 3 months](#), and [After 6 months](#).

For example, if you set Auto erase function in a month, the contents of corresponding note will be erased midnight in a month.

View day list

You can decide the date of initial calendar screen as "View a day" or "View five days".

1. Select [View day list](#).
2. Select [View a day](#) or [View five days](#).

If you select View five days, schedule on initial screen will be displayed by five days.

8. Appendix (Additional service)

NATE

Access NATE

When you press  in the standby mode, the connecting screen like below is displayed and your phone is on the line to access the NATE service. If connected, the initial menu of NATE will be displayed.



NOTE: You can also access to NATE by pressing **Menu**, , and  in the standby mode.

▼ Progressing bar display

- 접속중: Trying to access the server
- 전송중: Connected and requesting the data
- 수신중: Receiving the data from the server
- 보안중: Setting up the security for the server
- 종료중: Exiting the browser



To search for the required information, move the cursor using  or  on

NATE menu, and select the desired menu, or press the appropriate number key.

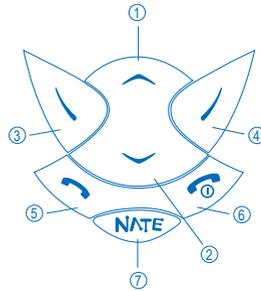
Exit NATE

To disconnect NATE service, press .



NOTE: For more information about NATE service, please access www.NATE.com or contact your customer service center.

About keys



- ① : Scroll button for moving upward on the list or when running the contents downloaded by NATE wizard.
- ② : Scroll button for moving downward on the list or when running the contents downloaded by NATE wizard.
- ③ : Select or confirm the desired menu while connecting to NATE or move to the left when running the contents downloaded by NATE wizard.

- ④ : Move back or cancel the current mode while connecting to NATE or move to the right when running the contents downloaded by NATE wizard.
- ⑤ : Set the menu while connecting to NATE.
- ⑥ : End the phone or browser.
- ⑦ : Ok button for reconnecting to the home URL while connecting to NATE, going back to NATE after completing the call, or confirming when running the contents downloaded by NATE wizard.



NOTE: Press ⑤ button while using NATE to select one of the following menus:

- 즐겨찾기: Access the favorites site or manage the list
- 즐겨찾기 추가: Add the current site to the favorites list within the server
- 새로 고치기: Reflect the display running in the current site
- 새 URL 입력: Connect new site by user
- You can use menus in the phone while using NATE without exiting the internet mode.



NOTE: To cancel when running the contents downloaded by NATE wizard, press Volume key(↓) on the side of the phone.

Picture Friend/Music Bell/700 My Bell Service

Picture Friend and Music Bell services allow you to download the ringing tone and the background picture connecting to NATE, and set them for your phone. Using 700 My Bell Service, you can download a ringing tone.

Downloading the ringing tone/picture

1. Access NATE.
2. Select **Picture Friend/Music Bell** (The name of the menu item may be changed).
3. Select the desired ringing tone or picture.



NOTE: The ringing tone downloaded is automatically saved to the item 36 through 40 of the list with the title. If Melody 1, 2, 3, Midi 1, 2 displayed, it indicates the ringing tone has not been saved yet.



NOTE: To use My Bell Service, call one of the 700 numbers, 700-5457/5486/5780/5782/5857, and download the ringing tone following guide message.

Removing the saved picture

1. In the standby mode, press **Menu** and select **Settings**.
2. Press **Phone settings** and select **Background settings**.
3. Select any item on the background settings display.
4. Select the picture you want to delete.
5. When the selected picture is displayed on screen, press **Options**.
6. Select the **Clear Image**.

Removing the saved ringing tone

The ringing tone downloaded is automatically removed in order of oldest. You can save upto 2 chordal and 3 monotone ringing tones.

9. 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.

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

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

Vehicles

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

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

Posted facilities

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

Potentially explosive atmospheres

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

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

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

Vehicles

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

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

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

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

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.
2. Press  to return to the standby mode.
3. Key in the emergency number for your present location (e.g. 112 or other official emergency number).
4. Press .

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.

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 fulfill 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.
 - The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time is noticeably shorter than normal, it is the time to buy a new battery.
 - Do not grasp the antenna; do not touch the antenna to the part of your body for better sound quality.
 - 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.

If the phone, battery, charger or any accessory are not working properly, take them to your nearest qualified service facility.

Genuine Accessories

A new extensive range of accessories are available for your phone.

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

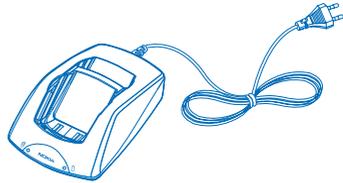
- Keep the accessories out of small children's reach.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that all phone equipment in a vehicle is mounted and operating properly.

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.

Charger

DDK-1K Desktop charger is used to charge the battery. It is composed of the dual slot type (front and rear). To prevent danger of battery explosion due to overcharging, this charger is equipped with various security features such as detection of full charging and over-current/voltage. Depending on the charging status, it has various LED display functions.

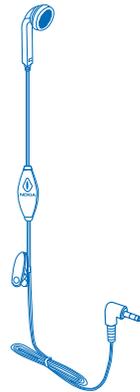
The usage of unauthorized charger should be avoided since it can reduce the performance of the phone and the battery, or cause breakdown or damage.



Headset

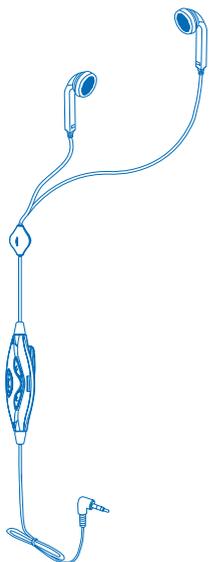
HDK-1K headset (ear microphone) enables you to call with ease and convenience while walking. It offers you the functions to answer or end a call and dial the last number.

If you use the unauthorized headset (ear microphone), it can cause low-quality sound.



FM radio headset

HDK-2K FM headset (FM radio) offers you the functions of stereo FM radio and headset. During listening to the radio, you can answer a call. In addition, it is designed to be able to listen to the radio continuously after ending a call. It is suitable for active users who enjoy the music; HDK-2K does not need additional battery, since the FM radio draws power from the phone. It comes in an ultra compact size. If you use the unauthorized FM headset, it can cause low-quality sound reception.



Handsfree for vehicle

To provide you with a convenient and portable handsfree facility while in vehicle, this kit comes with an external microphone and speaker which allows you to talk and charge your phone at the same time. Particularly, since PPK-1K has the function of full duplex, you can talk over the phone with clear sound quality. PPK-1K can be properly plugged into the cigarette lighter socket. Simply connect your mobile charger to your vehicles cigarette lighter socket and to your phone. Should be used together with an in-vehicle holder. The holder come with PPK-1K can make the phone safely and conveniently fixed and harmonize with vehicle interior because of its excellent design.

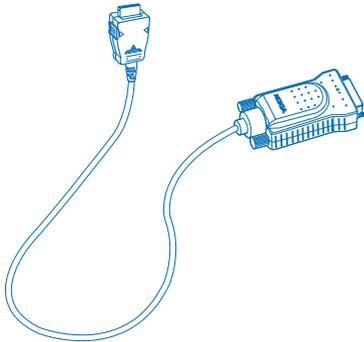
If you use an unauthorized handsfree for vehicle, it can reduce the performance of the phone and the battery, or cause breakdown, damage, low-quality sound reception.



DATA LINK KIT

DKK-1K Data Link Kit (data cable) allows you to make a data communication between your phone and PC. With this connection, you can use your phone as a modem to make a wireless connection to the internet, from your PC.

If you use an unauthorized data link kit, it can reduce phone and battery performance, and may cause breakdown or damage.



Battery

You can purchase a compact and a standard battery as an additional accessory. There are 3 colors depending on phone colors; white pearl, bright silver, champagne metallic.

If you use an unauthorized battery, it can cause damage, and may be dangerous.



Check list before reporting your problem

Problem	Action
The display is not on	Check that the battery is properly attached, and is not fully discharged.
△ is displayed	Try to move to another place. Or turn the phone off, turn it on again, and wait for 2 mins.
Antenna is not displayed	Move to another place and try to make a call again.
Phone lock status is displayed	The phone is locked. Key in the exact security code and unlock it.
Charger lamp blinks in red	The battery is not properly attached to the charger. Remove the battery from the charger and install again. If the problem continues, contact your service center.
Battery life time differs from that given in User's manual	As the battery is frequently charged and discharged, its life is gradually shortened. If you expose the charged battery to very high or very cold temperatures, its life time can vary.
The phone is abnormally working or the power is not on	Try to use the phone after removing the battery and installing it again.
The phone makes an echo in a specific area or in connecting with a specific phone	This condition, called "echo symptom" occurs when the strength of radio wave is weak or unstable. It can be caused by phone network conditions existing either on your side or on receiver's side.
Incoming/outgoing call has a problem and calls are disconnected	This may be caused if the radio signal is weak or unstable, or due to very heavy cellular traffic. Try again a little later or move to another location with stronger signal and make a call.
The message Not in service area is displayed	Move to another place and try to make a call again.

For the location of the service center and the details about support, please contact the customer center (080-234-1101).

Nokia Care Center

(Seoul)

Kangnam: 02) 3486-9957~9

Shincheon: 02) 711-7556

(Pusan)

051) 804-8887

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