O W N E R ' S   M A N U A L

N O K I A   2 5 2

R E P L A C E   W I T H   C O V E R

Retractable antenna. Extend fully during calls.

Switches the phone on and off when pressed and held.

Confirms and selects choices on display.

Scrolls through menu functions. Also adjusts earpiece volume during a call.

Enters the menu.

NOKIA

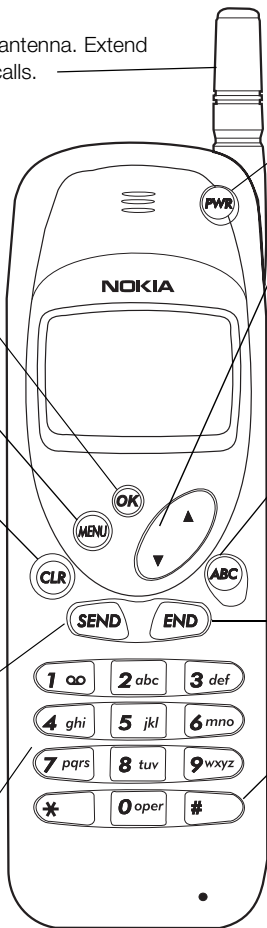Deletes characters or clears display. Backs up one menu level or returns to previous menu.

Switches between alpha and numeric modes.

Ends a call. Activates Keyguard when pressed and held. Exits the menu.

Dials a phone number and answers a call.

0-9, ∗, #: Used to enter numbers and characters.

Shows Life Timer when pressed and held.

1 ∞   2 abc   3 def
4 ghi   5 jkl   6 mno
7 pqrs   8 tuv   9 wxyz
∗   0 oper   #

Contents

1. For Your Safety

Read these simple guidelines before using your phone. Failure to comply with these guidelines may be dangerous or illegal.

For more detailed safety information, See "Important Safety Information" on page 68.

Road Safety Comes First

Don't use a hand-held phone while driving; park the vehicle first.

Switch Off In Hospitals

Switch off your phone when near medical equipment. Follow any regulations or rules in force.

Switch Off On Aircraft

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

Switch Off When Refueling

Do not use the phone at a refueling point. Do not use near fuels or chemicals.

Switch Off Near Blasting

Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules in force.

Interference

All mobile phones may get interference which could affect performance.

Use Sensibly

Use only in the normal position (to ear). Avoid unnecessary contact with the antenna when phone is on.

Download from Www.Somanuals.com. All Manuals Search And Download.

Qualified Service

Only qualified service personnel may install or repair cellular phone equipment. Use only approved accessories and batteries.

FCC/Industry Canada Notice

A cellular phone may cause TV or radio interference (e.g. when using a phone in close proximity to electronic receiving equipment). The FCC/Industry Canada can require you to stop using your cellular phone if such interference cannot be eliminated. If you require assistance, please contact your local service facility.

This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

Using this Guide

The cellular phone described in this guide is approved for use in AMPS networks.

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

2. Display Indicators
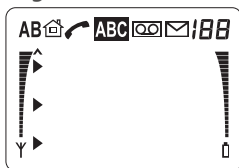
AB   Shows which *type* of system the phone will use when it is roaming (see "Carrier Selection (Menu 5 2 1)" on page 49.) Blank if Home-only system is selected, or the phone is using a "preferred" network.

⌂   The phone is using the Home system.

Flashes if the phone is using a Home *type* system (not the Home system) or when the phone is using a "preferred" network (see "Carrier Selection (Menu 5 2 1)" on page 49).

Blank if the phone is using a non-preferred network.

📞   A call is in progress.

ABC   The phone is in alpha mode; you can enter letters and see names.

📼   Indicates that you have received a voice mail message.

✉   Indicates that you have received a short text message. Blinks when Messages list (memory) is full.

188   Indicates menu or memory location number; may indicate number of unheard voice messages.

Y   and bar indicate the cellular signal strength of the location where you are using your phone.

◻   and bar indicate the battery charge level. When the battery is fully charged, the whole bar is displayed.

Signal Strength Indication

A cellular phone sends and receives radio signals. As with all radio equipment, the quality of radio reception depends on the strength of the radio signal in the area where you are operating your phone.

The strength of the cellular signal is shown by the vertical bar on the left-hand side of the display. The higher the bar, the stronger the signal at your present location.

When NO SERVICE is displayed, the phone is either outside of the cellular service area or restricted from entering service, and calls cannot be made or received.
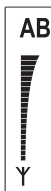
If the signal is poor and you are using the phone in a building, you may get better reception near a window.

3. Battery Information

Your phone is powered by a rechargeable battery. Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer. See "Important Battery Information" on page 10.

STOP *A new battery must be charged for a minimum of 12 hours before being used for the first time. A new battery's full performance is achieved only after two or three complete charge and discharge cycles!*

See your cellular service provider or dealer for the battery options available for your phone.

Installing the Battery
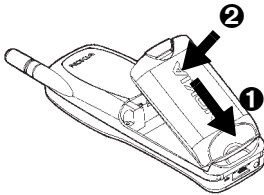
Removing the Battery
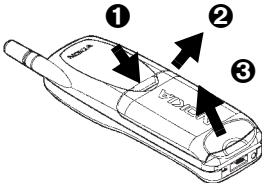
Note: Switch off the phone's power before removing the battery!

Charging the Battery

Plug the charger into a wall outlet and connect the charger to the bottom of your phone.

When charging starts, the battery segments scroll and the phone beeps once.

You can use the phone during charging, but charging will be reduced for the duration of the call.
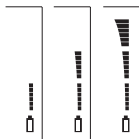
Note: In a call, charging will stop completely if you are using the Standard Travel Charger (ACP-7U).

After the segments of the battery indicator stop scrolling and all segments are displayed, the battery is fully charged. Disconnect the charger from the power outlet and phone.

If the battery is too hot or cold, the charging may be interrupted until the battery reaches its normal operating temperature.

Note: With a new, completely discharged battery, the phone may take up to 45 minutes to show that charging is in progress.

Charging Times

The battery charging times shown in the following table are approximate.

Battery	Standard Travel Charger ACP-7U	Rapid Travel Charger ACP-9U	Rapid Cig. Lighter Charger LCH-9
BKH-6 Extended NiCd *1100 mAh*	5 hours	90 minutes	90 minutes
BKL-6 Extended Vibra NiCd *1100 mAh*			
BMH-2 Light NiMH *550 mAh*	3 hours	50 minutes	50 minutes
BMH-7[*] Extended NiMH *1400 mAh*	6.5 hours	2 hours	2 hours
BML-7[*] Extended Vibra NiMH *1400 mAh*			

[*] Check with your service provider for availability.

Talk and Standby Times

Battery operation times depend greatly on how you use the batteries, as well as on the coverage of the network and network parameters set by the cellular service provider.

Battery	Talk Time	Standby Time
BKH-6 Extended NiCd *1100 mAh*	2 hours, 5 minutes	30 hours
BKL-6 Extended Vibra NiCd *1100 mAh*		
BMH-2 Light NiMH *550 mAh*	50 minutes	15 hours
BMH-7* Extended NiMH *1400 mAh*	2 hours, 45 minutes	40 hours
BML-7* Extended Vibra NiMH *1400 mAh*		

* Check with your service provider for availability.

Discharging the Battery

A battery lasts longer and performs better if you fully discharge it from time to time. To discharge the battery, leave your phone switched on until the battery is drained and the phone turns itself off. Then wait for 30 minutes before connecting to a charging source. (See "Deep Discharge" on page 9.)

Note: Do not attempt to discharge the battery by any other means.

Battery Low Warning

You get this message and a warning tone when the battery charge is low and only a few minutes of talk time remain.

```
AB
 ▌ BATTERY
   LOW
 Y        0
```
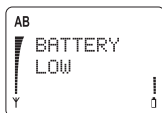
The repetition rate of the battery-low warnings depends on the remaining battery capacity and the battery condition. The warnings are more frequent when you're in a call.

Note: If you've selected the Vibra Only or Silent Ringing Option, you won't hear any warning tones. See "Ringing Options (Menu 3 1)" on page 37.

When the battery charge is too low for the phone to work, the phone displays RECHARGE BATTERY, then beeps, then shuts itself off.

Charge the battery as described earlier in this section.

Deep Discharge

If you regularly just 'top up' the charge in your battery without ever allowing it to fully discharge first, its life will be shortened. In order to get the maximum life from your battery you should allow it to discharge completely about once a month.

To discharge the battery completely:

1) Leave the phone switched on until RECHARGE BATTERY appears, then let the phone switch off automatically.

2) Leave the phone alone for about 30 minutes (and *do not* connect a charger within this time) after it switches itself off.

During this 30 minutes, the phone is in 'Deep Discharge' mode. The way to 'wake up' the phone is to connect it to a charger.

3) Fully charge the battery after Deep Discharge.

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The phone may remind you to discharge the battery, by presenting a series of battery-advice messages. Press ▼ or *OK* to page through the information, or press *CLR* to clear the messages.

Important Battery Information

- Use only batteries and chargers approved by the phone 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; overcharging may shorten its life.

- If left unused, a fully charged battery may completely drain (discharge) in 1 - 4 weeks.

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

- Use the battery only for its intended purpose.

- Do not short circuit the battery. Accidental short circuiting can occur when a metallic object (e.g. coin, clip or pen) causes direct connection of the two 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, reduces the capacity and lifetime of the battery. Always try to keep the battery between 41°F and 95°F (5°C and 35°C). A phone with a hot or cold battery may temporarily not work (or charge) even if the battery is fully charged. NiMH battery performance is particularly limited in temperatures below 14°F (-10°C).

- Temperature extremes affect the ability of your battery to charge: it may require cooling or warming first.
- When the battery is not in use, store it uncharged in a cool, dark and dry place.
- The battery is a sealed unit with no serviceable parts. Do not attempt to open the case.
- It is recommended that you allow your battery to fully discharge before you recharge it.
- The battery can be charged and discharged hundreds of times but will eventually wear out. When the operating time is shorter than normal, it is time to buy a new battery.
- Do not dispose of a battery in a fire!

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

Nickel Cadmium and Nickel Metal Hydride batteries must be recycled or disposed of properly. They must not be disposed of in municipal waste.

NiCd
NiMH

4. The Basics

Switching On or Off

• Press and hold the **PWR** key for one second.

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION: Extend your antenna fully when in calls. As with any other radio transmitting device, avoid unnecessary contact with the antenna 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.

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

Wake-up Message

When you switch your phone on, the phone displays a wake-up message consisting of the phone number currently selected for your phone, or the name of the dealer if this has been programmed. (If programmed, the name takes precedence over the phone number.)

To change the wake-up message:

1) Press *ABC*, then enter the message. Press *OK*.

2) At the prompt SAVE IN LOCATION?, press ∗. Press *OK*. (The wake-up message is stored in location '∗'.)

Note: The Wake-up Message is different from the Reminder Message you can store in your phone. See "Reminder Message" on page 54.

Note: The wake-up message is specific to your currently selected phone number.

Selecting a Network

Your phone operates on specific networks and sometimes it must choose which system to use. This can happen, for example, if you are roaming (i.e. you leave the area where you have signed up for service).

If you want your phone to work only in certain types of networks (for example, to take advantage of certain billing agreements between systems), you can specify this using "Carrier Selection (Menu 5 2 1)". See page 49.

Making a Call

1) Extend the phone's antenna fully.

2) Enter the **area code** and **phone number**, then press *SEND*. If you make a mistake, press *CLR* to erase digits one by one. Press and hold *CLR* to clear the whole display.

A phone symbol appears on the display. The call is connected when the phone number disappears from the display and CALL appears.
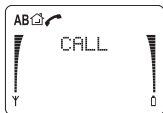
For international calls, you can enter a '+' at the beginning of a number by pressing ∗∗. Then enter the number, then press *SEND*. The '+' expands to the international dialing code prefix.

NO SERVICE appears and the phone beeps if you try to make a call when your phone is outside the cellular service area.

CALL NOT ALLOWED appears if you try to make a call that is restricted (see "Allowed Calls (Menu 5 2 2)" on page 51), or if the phone is locked.

If you receive a call when you're trying to make a call, the incoming call comes through and the outgoing call is cancelled.

Ending a Call

• Press *END*.

Note: If you press and hold END, you'll activate Keyguard (see "Keyguard" on page 17).

Answering a Call

• Press *SEND* or any key except *END* or the **PWR** key.

• To answer a waiting call (normally indicated by a beep), press *SEND*. (*Note that Call Waiting is a network feature. You need to subscribe to it through your service provider.*)

You can press *END* to stop the ringing sound without answering the call.

Make sure the antenna is fully extended during the call.

Note: If Keyguard is active, a call can only be answered with SEND.

When there is an incoming call, the phone rings and CALL flashes on the display.
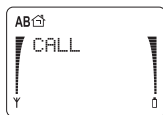
If you have set Ringing Options to SILENT, the keypad and display lights flash, CALL flashes on the display and the phone makes a short beep (see "Ringing Options" on page 37).

You can answer a call any time, even while using Keyguard, memory or menu functions.

If you don't answer a call, the message 1 MISSED CALL or 'n' MISSED CALLS appears on the display and remains until you press any key (except the **PWR** key) to clear the display, or you can press *OK* or ▼ to view the Missed Calls List. The phone automatically stores the caller's number (if available) in the Missed Calls list (see "Missed Calls (Menu 2 3)" on page 35). When you scroll the list, you first see a message telling you the number of new numbers (e.g., 'n' NEW NUMBER(S), or NO NEW NUMBERS; wait for most recent number to appear or press ▼. Press ▼ to scroll the list.

Calling Line Identification

If you subscribe to the Calling Line Identification network service your phone may display the caller's number or name when the phone rings.

For more details, refer to "Availability of Network Services" on page 59 and "Calling Line Identification" on page 59.

Adjusting the Earpiece Volume

• During a call, press ▼ or ▲ to decrease or increase the earpiece volume level.

Last Number Redial

• Clear the display, then press *SEND SEND*.

Last 15 Dialed Calls

• Clear the display, press *SEND,* then ▼*.* Press ▼ repeatedly until you see the number you want. Then press *SEND* to dial it.

See "Dialed Calls (Menu 2 1)" on page 33 for more information.

Speed Dialing

• Dial the number of the memory location (**1-75**) where the phone number is stored, then press *SEND*.

You can also enter a stored name then press *SEND*. The phone dials the number stored with that name.

If the memory location is empty, the message LOCATION EMPTY appears.

1-Touch Dialing

If 1-Touch Dialing is set to On, you can dial the phone number stored in any of the memory locations 1-8 by pressing a single key:

• Hold the required number key (1-8) for 2 seconds.

Note: Location 1 is recommended to be used as the Voice Mailbox Number. Location 9 cannot be used for 1-Touch Dialing to any number other than the preprogrammed emergency number.

See "1-Touch Dialing (Menu 3 6)" on page 40.

Emergency 9 Dialing

The 9 Key is reserved for an Emergency Number that is programmed into your phone by your dealer.

• Press and hold 9 for 2 seconds.

Emergency 9 Dialing must be set On for this to work! See "Emergency 9 Dialing (Menu 3 7)" on page 41.

Note: Official emergency numbers vary by location (e.g., 911 or another official emergency number). However, only one emergency number is programmed into your phone to be dialed automatically by Emergency 9 Dialing, and this may not be the proper number in all circumstances.

*Note: Emergency 9 Dialing does not operate when Keyguard is activated. However, an emergency call can be made without deactivating Keyguard by entering the whole emergency number programmed into your phone and then pressing **SEND**.*

Keyguard

• To activate Keyguard, press and hold **END** (or press **MENU** then ✱).
• To deactivate Keyguard, press **MENU** then ✱.

Keyguard locks the keypad to prevent accidental key-presses (e.g. when the phone is in a pocket or a bag). KEYGUARD ACTIVE remains (or reappears) on the display until any key is pressed or Keyguard is deactivated.

Answering a Call with Keyguard Active

• Press **SEND**.

During the call, the keypad remains unlocked and the phone can be used normally. After the call is ended, Keyguard automatically becomes active again.

The phone cannot be switched off when Keyguard is active. However, if the phone is ringing and Keyguard is active, you can press **PWR** to switch off the phone *while it is ringing*.

Note: When Keyguard is activated, calls may be possible to the emergency number programmed into your phone (e.g., 911 or another official emergency number). However, Emergency 9 Dialing does not operate.

Making an Emergency Call with Keyguard Active

•   Enter the emergency number preprogrammed in your phone and press *SEND*.

The emergency number is displayed only after you have entered the last digit of the number.

Calling Card Calls

If you use the phone's Calling Card storage feature (see "Calling Card (Menu 5 1)" on page 46), you can use the method described below to charge long distance charges to a Calling Card. You won't need to enter Calling Card information every time you want to make a card call.

Note: No physical credit cards are needed in order to direct the call charges to the credit card; however you must first store and select a Calling Card with Menu 5 1!

To make a Calling Card Call:

1) Enter the phone number of the party to be called.

2) Press and hold *SEND* for 2 seconds. The phone displays CARD CALL (and possibly the card name),

then displays WAIT FOR TONE, THEN PRESS 'OK'.

3) When you hear a tone or voice prompt, press *OK* or *SEND*. The phone may ask you again to WAIT FOR TONE, THEN PRESS 'OK'.

4) If you get another tone or voice prompt, press *SEND* again.

The call is then made, and the phone displays CARD CALL and the name of the card (if you have entered one).

It is also possible to make manual card calls by using Touch Tones (DTMF) through your Calling Card Operator. To do this, see "In-Call Menu" on page 53, and "Sending Touch Tones" on page 56.

You can make calling card calls in conjunction with PIN calls.

PIN Calls

*PIN Call* is a network security feature that requires a PIN Code every time you make a call. You can activate or de-activate it and specify the numbers in your PIN Code. Please check with your operator for the availability of PIN Calling in your network.

Note: If you are using the phone in an area that doesn't require PIN dialing, deactivate PIN Call.

Activating PIN Call

1) Enter *# 7 4 6 2 2 5 5 #* (spells PINCALL).

2) The phone asks for your four-digit PIN Code, which is provided by your network operator. Enter your PIN code and press *OK*. The phone briefly displays PIN CALL ON.
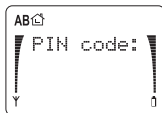
Making PIN Calls

1) Make the call as usual (refer to "Making a Call" on page 13).

The phone displays PIN CALL.

2) After you hear a tone, press *SEND* again.

The phone displays SENDING PIN . . . . If the message remains on the display, press *SEND* again to resend the PIN code. Wait for your call to be connected.

Note: If you're in a network that doesn't support PIN Calls, but your phone has PIN Call On*, the phone still tries to send a PIN. Press* **CLR** *to end the PIN Call attempt.*

Note: When the phone is set to PIN CALL ON*, an emergency call to the emergency number programmed into your phone (e.g., 911 or another official emergency number) will be dialed as a normal call without the PIN code request.*

Deactivating PIN Call

• Follow the steps in "Activating PIN Call", but don't enter your PIN Code at the prompt; just press *OK*.

The phone briefly displays PIN CALL OFF.

Voice Messages

If you subscribe to voicemail, callers will be able to leave you voice mail messages which you can recall from your voice mailbox.

For more details, refer to "Network Services" on page 59.

5. The Phone Book

The Phone Book can store up to 75 phone numbers and corresponding names. It also has a "notepad" where you can store one additional number and name.

The maximum number of phone book entries depends on how much information you store in each location. Stored phone numbers can be up to 32 digits long, and stored names can be up to 30 characters long.

See "Memory Location 75" on page 24 for an important note about Memory Location 75.

Viewing and Entering Names

The **ABC** key is used to switch between displaying names and numbers.

To enter names, search for names, and view names, press **ABC**. The phone displays **ABC** to indicate that "alpha mode" is selected; you can then use keys to enter letters as well as numbers, and view the stored names rather than numbers.

When a name is displayed, you can also press **ABC** to see the associated number.

Entering Letters

1) Press **ABC** to select alpha mode. You can then enter letters by pressing the keypad keys a certain number of times.

See the table on the next page.

2) To correct mistakes, press **CLR** repeatedly or press and hold **CLR** to clear the whole display.

Key	1 press	2 presses	3 presses	4 presses	5 presses
1	1	1	1	1	1
2	A	B	C	2	A
3	D	E	F	3	D
4	G	H	I	4	G
5	J	K	L	5	J
6	M	N	O	6	M
7	P	Q	R	S	7
8	T	U	V	8	T
9	W	X	Y	Z	9
*	Moves the cursor to the next space immediately.				
#	Adds a space between letters.				

Entering Punctuation Marks

The '0' key can be used to insert punctuation marks (and 0). Press 0 until you get to the punctuation mark you want:

- ? ! , . : " ' & $ ( ) 0

The Cursor

The cursor appears at the end of an entry for your convenience when entering, editing or erasing an entry. Note from the table above that you can either wait for the timer to move the cursor to the next space or you can press * to force it to the next space.

Saving Numbers and Names

Quick Save

1) Enter the **area code** and **phone number**.

2) (Optional) Press *ABC*, then enter the name.

3) Press *OK*. When SAVE IN LOCATION? is displayed, press *OK*.

The phone stores the number in the first empty memory location. The memory location is shown in the display's upper right corner.

Identical names *cannot* be stored in memory. If you try to store a name that is already stored, the phone displays SAVE IN LOCATION n? (with n being the location currently containing the matching name). To confirm, press *OK*. Then, the phone asks if you want to replace the entry. To do this, at REPLACE? (followed by the name), press **OK**.

If you don't want to replace the contents, re-enter the information using a slightly different name, then save again.

Note: You can also use Menu 1 to find, save, edit, and erase stored entries. See "Phone Book (Menu 1)" on page 31.

Memory Location 75

This is a special memory location. If you store a number in location 75, you can make calls to that number even if the phone is locked. See "Lock Phone (Menu 6)" on page 52.

Special Characters in Stored Numbers

In stored numbers, you can include a 2.5 second pause ('p' character), a wait ('w' character), or a link to another

location ('+' character). This allows the automatic sending of Touch Tones.

For more information on using these special characters see "Automatically Sending Touch Tones" on page 56.

- To enter a Pause (p), press ✳✳✳. *Note that a 'p' appears on the display, but this is different from just keying in the letter 'p'.*

- To enter a Wait (w), press ✳✳✳✳.

- To enter a link to another location, press ✳✳. A '+' sign will appear on the display. A '+' in the middle of a string links to another location.

Note: A '+' at the beginning of a number is used for international calls. See "Making a Call" on page 13 for more information.

Joining two locations for long Touch Tone strings:

1) Enter the Touch Tone string and store it in the phone book. Remember its location number.

2) Recall the phone number (assuming it's already stored) and remember its location number.

3) Press ✳✳. The '+' character is displayed after the phone number.

4) Enter the location number (one or two digits) of the Touch Tone string (from Step 1). Store the new contents (phone number, '+', and Touch Tone location). When the phone displays SAVE IN LOCATION? enter the location number from Step 2 and press *OK*.

For details on sending Touch Tones, see "Sending Touch Tones" on page 56.

25

Making a call using the two joined locations:

1) Recall the first location and press *SEND*. This dials the phone number, but the dialing stops at the '+' character.

2) When the call is established, press *MENU SEND*. The phone will automatically send the Touch Tone string in the second location (which is displayed).

Finding Numbers and Names

Finding numbers

• With the display clear of numbers or names, press ▼ repeatedly to scroll the numbers stored in the Phone Book.

Phone numbers are displayed in order of location number. To view the name stored with the number displayed, press *ABC*.

Finding names

• With the display clear of numbers or names, press *ABC* then ▼ repeatedly to scroll the names stored in the Phone Book.

Names are displayed in alphabetical order. To view the number stored with the name displayed, press **ABC**.

You can also use "Find Name (Menu 1 1)".

Using the Notepad Memory

Saving a number and name in the Notepad

• Enter the number and name, then press **OK**. At SAVE IN LOCATION?, press # then press **OK**.

Viewing information in the Notepad

• With the display clear of numbers or names, press # then ▼ to view the number. To view the name stored with the number, press **ABC**.

Moving a Name and Number

1) Recall the name and number from memory. Press **OK**.

2) At SAVE IN LOCATION?, enter the new location number then press **OK**. The phone will display MOVE?

3) Press **OK** to move (the phone displays MOVED and the remaining available memory), or press **CLR** to exit without moving.

Erasing a Name and Number

See "Erase From Phone Book (Menu 1 4)" on page 32.

Editing a Name and Number

See "Edit Name or Number (Menu 1 3)" on page 31.

6. The Menu

The phone's menus and submenus give you access to many features and ways to customize your phone.

You can use the menus and submenus either with the 'Menu then OK Method' or the 'Shortcut Method'.

A menu list is on page 30 and instructions for using the menus follow.

"MENU then OK" Method

1) Press *MENU* to enter the menu.

2) Press ▼ or ▲ to scroll through menu choices.

3) Press *OK* to choose a menu.

If there are submenus: press ▼ or ▲ to scroll through the submenu choices. Press *OK* to enter a submenu.

4) The current setting is displayed. Press ▼ or ▲ to scroll through the other choices. Press *OK* to select one, or press *END* to exit the menus without changing anything.

Some menus require you to enter your lock code or security code.

Note: To backstep a menu level at a time, press CLR. To exit the Menu, press END or press and hold CLR.

Shortcut Method

The menus and submenus are numbered, so you can access them by their number:

1) Press *MENU* to enter the menu.

2) Press the number of the menu you want (1-6) within 4 seconds. (Also, If there are submenus, press the submenu number within 4 seconds.) The current setting (if applicable) is displayed.

3) Press ▼ or ▲ to scroll through other settings. Press *OK* to select a setting or press *CLR* to exit the menus without changing the settings.

Note: If you use the shortcut method, the display shows a '_' before the menu or submenu number in the top right-hand corner of the display.

Also, if you use the shortcut method to access Menu 3 1, there is a 5-second delay before the menu appears. To bypass this delay, press MENU 3 1 OK OK.

Using the Menu During a Call

If you press *MENU* during a call, the phone gives you the In-Call Menu (see "In-Call Menu" on page 53). If you want access to other menu items, just press and hold *MENU* for a couple of seconds. Then use the menus as you normally would.

List of Menu Functions

1 Phone Book
1) Find Name
2) Save Name & Number
3) Edit Name or Number
4) Erase from Phone Book
5) Phone Book Status

2 Call Log
1) Dialed Calls
2) Received Calls
3) Missed Calls
4) Erase all Recent Calls
5) Call Timers

3 Phone Settings
1) Ringing Options
2) Ringing Volume
3) Ringing Tone
4) Keypad Tones
5) Lights
6) 1-Touch Dialing
7) Emergency 9 Dialing
8) Language
9) Phone Number
10) Automatic Answer
11) Automatic Redial

4 Security Settings
1) Change Lock Code
2) Change Security Code
3) Restore Factory Settings

5 Call Settings
1) Calling Card
2) Calling Options

6 Lock Phone
Prevents outgoing calls and access to all phone functions.

In-Call Menu
This is available only during calls. Give the **MENU** *key a short press to access the options:* 'Mute' and 'Send DTMF'.
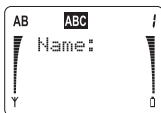
Reminder Message
Displays a personalized message when you switch your phone on.

Phone Book (Menu 1)

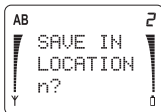To access Menu 1, press **MENU** then **OK**.

Find Name (Menu 1 1)

1) Press **MENU** then **OK**.

2) You'll see FIND NAME. Press **OK** again. The phone prompts you to enter a name.

3) Enter the first few letters of the name, then press ▼, or just press ▼ to scroll through stored names.

*Note: To see stored numbers, press **ABC**, then press ▼ to scroll through them.*

Save Name & Number (Menu 1 2)

1) Press **MENU** then **OK** then ▼ to scroll to SAVE NAME & NUMBER. Press **OK**.

2) Enter name and press **OK**. Enter number and press **OK**. The phone suggests a location for saving the entry.

3) Press **OK**, or enter another location number then press **OK**. The phone displays SAVED and the remaining available memory.

Edit Name or Number (Menu 1 3)

1) Recall the number from memory.

2) Press **MENU** then **OK** then ▼ to scroll to EDIT NAME OR NUMBER. Press **OK**.

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3) Edit the name: use the *CLR* key to delete characters, use ▼ and ▲ to move the cursor, and enter new characters as required.

4) Edit the number: press *ABC*. Use the *CLR* key to delete digits, use ▼ and ▲ to move the cursor, and enter new digits as required. Press *OK*.

5) At SAVE IN LOCATION? press *OK*. If you did not change the name, or the name you have entered matches one already stored, then REPLACE? will be displayed; press *OK* to replace the contents with the new (edited) name and number.

```
AB🏠            08
▌REPLACE?     ▐
▌             ▐
Y             0
```
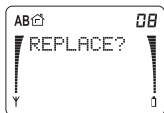
Erase From Phone Book (Menu 1 4)

Note: Be careful when erasing--it can't be undone!

1) Press *MENU* then *OK* then ▼ to scroll to ERASE FROM PHONE BOOK. Press *OK*.

2) Press ▼ to move the pointer to your choice. Press *OK* to choose it.

```
AB🏠            1
▌ One by One ▐
▌▶Erase all  ▐
Y             0
```
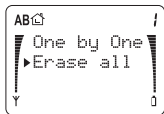
If you choose Erase All, the phone asks you to confirm. Press *OK* when you see ARE YOU SURE?, or press *CLR* to exit without erasing.

If you choose One by One, the phone displays Erase name: . Either enter the first few letters of the name then press ▼, or just press ▼ to scroll through stored names. Press *ABC* to see phone numbers to erase. When you see the name or number you want to erase, press *OK*, or press *CLR* if you change your mind and do not want to erase.

Phone Book Status (Menu 1 5)

1) Press **MENU** then **OK** then ▼ to scroll to PHONE BOOK STATUS. Press **OK**.

2) The phone displays the percentage of memory available.

```
AB🏠              5
▌n% OF          ▐
▌ MEMORY        ▐
▌ AVAILABLE     ▐
Y               🔋
```
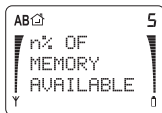
Call Log (Menu 2)

To access Menu 2, press **MENU** then ▼. You'll see CALL LOG; press **OK**.

Dialed Calls (Menu 2 1)

The phone automatically stores the last 15 numbers you called or attempted to call. The same phone number isn't stored twice in the list. When you dial a number that already exists in the list, the dialed number is moved to the top.

The Dialed Calls list remains in the phone's memory when the phone is switched off. If you want to erase it, use Menu 2 4.

1) Press **MENU** ▼. You'll see CALL LOG; press **OK**.

2) You'll see DIALED CALLS. Press **OK** again.

```
AB                i
▌ DIALED        ▐
▌ CALLS         ▐
Y               🔋
```

3) Press ▼ to scroll through the last 15 numbers you have dialed.
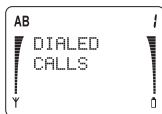
Each phone number in the list has a number which shows in the top right corner of the display; e.g. '2L' - 'L' stands for last (dialed) call.
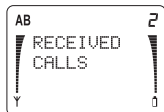
Press **SEND** to dial one of the numbers.

Received Calls (Menu 2 2)

The phone automatically stores the callers' numbers of the last 15 calls you received and answered (if network supports this feature, and the callers' numbers were received from the network – refer to your service provider for more details). The same phone number isn't stored twice in the list.

When you dial a number in the Received Calls list it remains in this list, and it is also added to the Dialed Calls list.

The Received Calls list remains in the phone's memory when the phone is switched off. If you want to erase it, use Menu 2 4.

1) Press **MENU ▼**. You'll see CALL LOG; press **OK**.

2) Press ▼ to scroll to RECEIVED CALLS. Press **OK**.

3) Press ▼ to scroll through the phone numbers of the last 15 received calls.

   Each phone number in the list has a number which is shown in the top right corner of the display; e.g., '2A' – 'A' stands for answered (received) call.

   Press **SEND** to dial one of the numbers.

To store one of the numbers in the Phone Book, recall the number from the list, then press **OK**; when SAVE IN LOCATION 'n' is displayed, press **OK** again.

Missed Calls (Menu 2 3)

The phone automatically stores the callers' numbers and names of the last 15 calls you missed (if network supports this feature, and the callers' numbers were received from the network – refer to your service provider for more details). The same phone number isn't stored twice in the list.

When you dial a number in the Missed Calls list it is deleted from this list, and it is added to the Dialed Calls list.

The Missed Calls list remains in the phone's memory when the phone is switched off. If you want to erase it, use Menu 2 4.

1) Press **MENU** ▼. You'll see CALL LOG; press **OK**.

2) Press ▼ to scroll to MISSED CALLS. Press **OK**.

3) Press ▼ to scroll through the phone numbers of the last 15 missed calls.
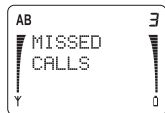
Each phone number in the list has a number which is shown in the top right corner of the display; e.g., '2U' - 'U' stands for unanswered (missed) call.

Press **SEND** to dial one of the numbers; this number will then be deleted from the list.

To store one of the numbers in the Phone Book, recall the number from the list, then press **OK**; when SAVE IN LOCATION 'n' is displayed, press **OK** again.

Erase All Recent Calls (Menu 2 4)

Note: This menu erases all numbers in the Dialed Calls, Missed Calls and Received Calls lists, and can't be undone!

1) Press **MENU** ▼. You'll see CALL LOG; press **OK**.

2) Press ▼ to scroll to ERASE ALL RECENT CALLS. Press **OK**.

```
AB                    4
▌ ERASE ALL     ▐
▌ RECENT        ▐
▌ CALLS         ▐
Y                    0
```

3) The phone asks ARE YOU SURE? Press **OK** to erase, or press **CLR** to exit without erasing.
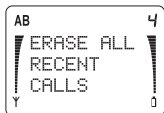
Call Timers (Menu 2 5)

1) Press **MENU** ▼. You'll see CALL LOG; press **OK**.

2) Press ▼ to scroll to CALL TIMERS. Press **OK**.

3) Press ▼ to scroll through the options. Press **OK** to choose the one you want. (You'll need your security code to clear the timers.)

```
AB☏                   1
▌ LAST          ▐
▌ CALL          ▐
▌   00:00:13    ▐
Y                    0
```
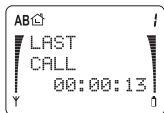
LAST CALL shows the duration of the last call in hours, minutes, and seconds. If you are in a call, the phone shows the duration of the call in progress. (Make sure you hold **MENU** for a couple of seconds during a call to get to the regular menu and not the In-Call menu.)

ALL CALLS shows the total amount of time spent on calls since the timer was last reset. ALL CALLS applies to the phone number currently selected for your phone.

LIFE TIMER shows the total amount of time you have spent on calls in hours and minutes. This number cannot be reset. (You can also select Life Timer by pressing and holding the # key for about 4 seconds.)

CLEAR TIMERS resets all the timers to zero (except the Life Timer). *Note:* CLEAR TIMERS *cannot be undone!*

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

Phone Settings (Menu 3)

To access Menu 3, press **MENU**, then ▼ until you see PHONE SETTINGS. Press **OK**.

Ringing Options (Menu 3 1)

You can choose how you want the phone to indicate that there is an incoming call.

1) Press **MENU** then ▼ until you see PHONE SET-TINGS. Press **OK**.

2) You'll see RINGING OPTIONS and the current setting. Press **OK** if you want to change it.

3) Press ▼ to move the pointer to the choice you want. Press **OK** to select one.
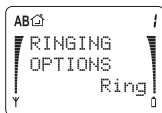
For Ring+Vibra or Vibrate to work, you need the Vibra battery (BKL-6).

If you choose Silent, the phone displays SILENT when you aren't

using the other functions of the phone. This message is to remind you that the ringing tone is set to Off.
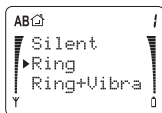
*Note: When* SILENT *is selected, all tones, except for the charger-connected tone, are also switched off.*

If you choose Increasing, ringing will start at the lowest volume level, and then increase to the highest level.

Ringing Volume (Menu 3 2)

With this menu you choose the ringing volume. As you scroll through each of the 5 volume levels, the phone rings so you can hear each level.
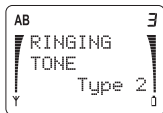
1) Press *MENU* then ▼ until you see PHONE SETTINGS. Press *OK*.

2) Press ▼ to scroll to RINGING VOLUME and the current setting. Press *OK* if you want to change it.

```
AB               2
 RINGING
 VOLUME
       Level 2
Y               0
```

3) Press ▼ to move the pointer. Press *OK* for the ringing volume you want.
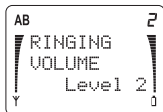
Ringing Tone (Menu 3 3)

There are 6 different ring tones to choose from. As you scroll through each type, the phone rings so you can hear each one.
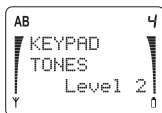
1) Press *MENU* then ▼ until you see PHONE SETTINGS. Press *OK*.

2) Press ▼ to scroll to RINGING TONE and the current setting. Press *OK* if you want to change it.

```
AB               3
 RINGING
 TONE
        Type 2
Y               0
```

3) Press ▼ to move the pointer. Press *OK* for the ringing tone you want.

Keypad Tones (Menu 3 4)

When you press the buttons on your phone, the phone beeps (the sound depends on which key you press). With this menu, you can choose between three volume levels or you can turn the keypad tones off.

1) Press *MENU* then ▼ until you see PHONE SET-
   TINGS. Press *OK*.

2) Press ▼ to scroll to KEYPAD
   TONES and the current setting.
   Press *OK* if you want to change
   it.

```
AB                    4
▌ KEYPAD            ▐
▌ TONES            ▐
Y     Level 2      0
```

3) Press ▼ to move the pointer.
   Press *OK* to choose the one you want, or select Off.

*Note: You can still send Touch Tones even when the key-
pad tones are switched off.*

*Note: Keypad tones are set to Off when you choose Silent
in "Ringing Options (Menu 3 1)". See page 37.*

Lights (Menu 3 5)

The keypad and phone display have lights to make them
easy to read. This menu allows you to set the phone's
lights On or Off.

1) Press *MENU* then ▼ until you see PHONE SET-
   TINGS. Press *OK*.

2) Press ▼ to scroll to LIGHTS and
   the current setting. Press *OK* if
   you want to change it.

```
AB                    5
▌ LIGHTS           ▐
▌                  ▐
Y              On  0
```

3) Press ▼ to move the pointer.
   Press *OK* to choose On or Off.
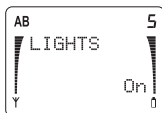
Lights On

The keypad and display backlights are on for 15 seconds
after the last keypress.

Lights Off

The lights are off permanently, except if Silent ringing is selected. Then they flash to indicate an incoming call.

1-Touch Dialing (Menu 3 6)

This menu gives you the option of dialing memory locations 1-8 by pressing and holding a single number key for 2 seconds (location 1 is recommended to be used for the Voice Mailbox Number). For example, pressing and holding 5 dials the number stored in location 5.

1) Press *MENU* then ▼ until you see PHONE SET-TINGS. Press *OK*.

2) Press ▼ to scroll to 1-TOUCH DIALING and the current setting. Press *OK* if you want to change it.

3) Press ▼ to move the pointer. Press *OK* to choose On or Off.

```
AB              6
▌ 1-TOUCH        ▌
  DIALING
▌            On  ▌
Y                0
```
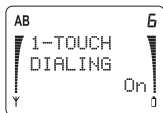
With 1-Touch Dialing On, you can dial the number stored in any of the locations 1 to 8, by pressing and holding the corresponding number key. If you press and hold 1, the phone dials your voice mailbox number if you have stored it in this location.

Note: 1-Touch Dialing does not operate when Keyguard is On, or when a call is already established.

If you press and hold 9, the phone attempts to make a call to the emergency number pre-programmed into your phone if you have Emergency 9 Dialing (Menu 3 7) set to On.

Emergency 9 Dialing (Menu 3 7)

*You may dial the emergency number programmed in your
phone by your dealer, by pressing and holding the 9 key,
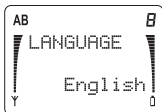only if Menu 3 7 is set to On.*

1) Press *MENU* then ▼ until you see PHONE SET-
TINGS. Press *OK*.

2) Press ▼ to scroll to EMER-
GENCY 9 DIALING and the
current setting. Press *OK* if you
want to change it.

3) Press ▼ to move the pointer.
Press *OK* to choose On or Off.
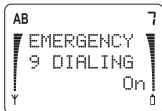
Language (Menu 3 8)

The menus and messages can be displayed in English,
French, Spanish, or Portuguese.

1) Press *MENU* then ▼ until you see PHONE SET-
TINGS. Press *OK*.

2) Press ▼ to scroll to LANGUAGE
and the current setting. Press *OK*
if you want to change it.

3) Press ▼ to move the pointer to
your choice. Press *OK* to select
an option.

Phone Number (Menu 3 9)

Your phone can have two different telephone numbers.
This menu lets you choose which telephone number to
use.

Note: In order to have two different telephone numbers, you must subscribe to them through your cellular operator(s).

1) Press *MENU* then ▼ until you see PHONE SET-TINGS. Press *OK*.

2) Press ▼ to scroll to PHONE NUMBER and the current phone number. Press *OK* if you want to change it.

```
AB⌂                    9
▌ PHONE            ▐
▌ NUMBER           ▐
  2145551212
Y                     0
```
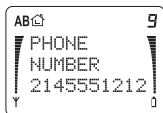
3) Press ▼ to move the pointer to the number you want (if there are two available). Press *OK*.

```
AB⌂                    1
▌ 2145551212      ▐
▌▶8175551212      ▐

Y                     0
```
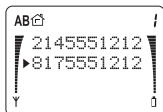
Note: If only one phone number is programmed into your phone, you'll only see that number in this menu.

The phone can't use both numbers at the same time and you can't change the number during a call.

If your phone is set to your first number, you can only receive calls via that number. You may be able to forward calls from your second number to your first number so you don't miss any calls, if this service is available from your cellular service provider. For more information, please contact your cellular service provider.

Automatic Answer (Menu 3 10)

Note: This feature applies only if the phone is in a hands-free car kit.

With Automatic Answer On, the phone automatically answers after 4 seconds.

1) Press *MENU* then ▼ until you see PHONE SET-TINGS. Press *OK*.

2) Press ▼ to scroll to AUTO-MATIC ANSWER and the current setting. Press *OK* if you want to change it.

```
AB                    IO
▌ AUTOMATIC ▐
▌ ANSWER           ▐
▌                On ▐
Y                   []
```

3) Press ▼ to move the pointer. Press *OK* to choose On or Off.
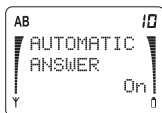
Automatic Redial (Menu 3 11)

Sometimes the cellular network is busy and your call can't go through. You get a SYSTEM BUSY. . . message and are asked to redial. If Automatic Redial is set to On, the phone automatically tries 3 more times to connect the call. If the call connects, the phone beeps to notify you.

1) Press *MENU* then ▼ until you see PHONE SET-TINGS. Press *OK*.

2) Press ▼ to scroll to AUTO-MATIC REDIAL and the current setting. Press *OK* if you want to change it.

```
AB                    II
▌ AUTOMATIC ▐
▌ REDIAL           ▐
▌                On ▐
Y                   []
```

3) Press ▼ to move the pointer. Press *OK* to choose On or Off.
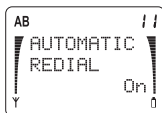
Security Settings (Menu 4)

This menu lets you change your phone's security and lock codes, which are required for certain functions. You can also reset the phone's menus to their factory settings.

Note: You need your security code to access this menu. The default security code is 12345.

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To access Menu 4, press **MENU**, then ▼ until you see
SECURITY SETTINGS. Press **OK**.

The phone asks for your security code.
Enter your 5-digit security code and
press **OK**.

```
AB              4
▌ Security     ▐
▌ code:        ▐

Y               0
```
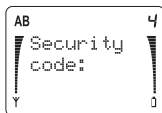
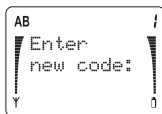### Change Lock Code (Menu 4 1)

The lock code is required when you want to
lock your phone. See "Lock Phone (Menu 6)" on page 52.

Note: The phone's default lock code is 1234.

1) Press **MENU** then ▼ until you see SECURITY
   SETTINGS. Press **OK**.

2) Enter your security code and press **OK**.

3) You'll see CHANGE LOCK
   CODE. Press **OK** to change it.
   Enter a new 4 digit lock code.
   Press **OK**.

```
AB              1
▌ Enter        ▐
▌ new code:    ▐

Y               0
```

4) The phone asks you to verify your
   new lock code. Type in the new lock code again and
   press **OK**. The phone briefly displays LOCK CODE
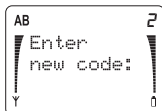   CHANGED.

Change Security Code (Menu 4 2)

The security code allows access to the lock code and cer-
tain submenus, so it should be kept in a secret and safe
place, separate from the phone.

1) Press **MENU** then ▼ until you see SECURITY
   SETTINGS. Press **OK**.

2) Enter your security code and press **OK**.

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3) Press ▼ to scroll to CHANGE SECURITY CODE. Press *OK* to change it. Enter a new 5-digit security code. Press *OK*.

```
AB                 2
▮ Enter
▮ new code:
▮
Y                  0
```

4) When the phone asks you to verify your new security code, enter it again and press *OK*.

5) The phone briefly displays SECURITY CODE CHANGED.

Restore Factory Settings (Menu 4 3)

This function resets the phone's menus to their factory settings.

Note: The lock code and security code are not changed when you reset the menu settings.

1) Press *MENU* then ▼ until you see SECURITY SETTINGS. Press *OK*.

2) Enter your security code and press *OK*.

3) Press ▼ to scroll to RESTORE FACTORY SETTINGS. Press *OK* to reset them.

4) The phone asks you to confirm. Press *OK* to reset or press *CLR* to exit without resetting.

```
AB                 3
▮ ARE YOU
▮ SURE?
▮
Y                  0
```

5) If you press *OK*, the phone briefly displays SETTINGS RESTORED.
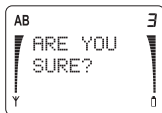
Call Settings (Menu 5)

This menu lets you store calling card information in your phone, and set up calling restrictions.

To access Menu 5, press **MENU**, then ▼ until you see CALL SETTINGS. Press **OK**.

Calling Card (Menu 5 1)

With this menu you store calling card information for up to 2 cards in your phone. Then you can make calling card calls without having to enter the calling card information each time.

To make a calling card call, see "Calling Card Calls" on page 18.

Remember, to use the automated method of making calling card calls, you must have entered all the necessary card details and selected the card (using this menu). If only the details for one card are entered, there is no need to use the Select feature. But, if you then add the details of another card, the second card will automatically become the card in use. Only one card can be active at a time.

You may enter a card name for each card, but this is optional. This name is only used for card identification on the phone display, and has no effect on the sending sequence. 'Card A' and 'Card B' will be replaced by the names you enter.

Card information may be found on your calling card. If you need further information about specific dialing sequences, contact your calling card company.

To Enter or Change Calling Card Information

1) Press **MENU** then ▼ until you see CALL SETTINGS. Press **OK**.

2) You'll see CALLING CARD and the currently selected card. Press **OK** to change it.

```
AB                    i
▌ CALLING          ▌
▌ CARD             ▌
Y          None    0
```
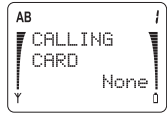
3) Use ▼ to move the pointer to None, Card A or Card B, then press **OK**. When the phone asks for your security code, enter it and press **OK**.

If you select None, the phone briefly displays NO CARD SELECTED, and no card is selected.

Note: If you've already stored card information, and then later select None, the active card is deselected. However, stored card information is left intact.

If you select Card A or Card B, and you've never entered information for the card before, skip to Step 5.

4) If you've already entered information for a Card, you then have the option to Select, Edit, or Erase the card. Use ▼ to move the pointer to the option you want, and press **OK**.

```
AB                    i
▌▶Select          ▌
▌ Edit            ▌
Y  Erase          0
```
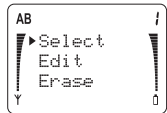
Select chooses this card as the one to use. The phone briefly displays SELECTED.

Edit allows you to change already-entered information, described in Steps 5 and 6 on next page.

Erase erases the stored information. To verify that you want to do this, press **OK** at the ERASE? prompt. Press **CLR** if you don't want to erase the stored information.

5) The phone prompts you to SELECT DIALING SEQUENCE. Press *OK*.

Press ▼ to scroll through the 4 dialing sequence options, and press *OK* to choose one:

```
AB
  SELECT
  DIALING
  SEQUENCE
Y              0
```
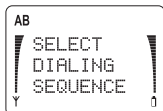
Access No. + Phone No. + Card No.
Use for cards that require you to enter a 1-800 access number first, then require you to enter a phone number after you hear a tone, then a card number after you hear another tone.

Access No. + Card No. + Phone No.
Use for cards that require you to enter a 1-800 access number first, then require you to enter your card number after you hear a tone, then the phone number after you hear another tone.

10xxx + Phone No. + Card No.
Use for cards that require you to enter an access number (beginning with 10 then 3 digits), followed by the phone number after you hear a tone, then a card number after you hear a tone.

0 + Phone No. + Card No.
Use for cards that require you to enter 0, then the phone number after you hear a tone, then a card number after you hear a tone.

6) The phone then prompts you for other card information, which may include: SELECT PREFIX, Card No: , and Card name: . At each of these prompts, press *OK*.

For SELECT PREFIX, use ▼ or ▲ to move the pointer to the prefix that your calling card requires you to enter before the phone number. Then press *OK*.

For `Access No:`, `Card No:`, and `Card name:`, enter the information then press *OK*.

The phone briefly displays `CARD READY FOR USE`, and uses the card for which you just entered information.

Calling Options (Menu 5 2)

This menu lets you set your phone so that it can only make the types of calls you specify, or only in certain types of networks.

Note: When calls are restricted, calls may be possible to the emergency number programmed into your phone (e.g., 911 or another official emergency number) including calls by emergency 9 dialing.

### Carrier Selection (Menu 5 2 1)

Your phone uses a carrier network (also called a cellular system) to make and receive calls. Generally you sign up for service with a particular "carrier" (your cellular service provider). This is called your "Home system" and usually you want the phone to use it.

But there may be times when you can't or don't use your Home system (for example when you travel). Then, there's usually more than one network your phone *can* work in. But which one *should* it work in? The point of the Carrier Selection menu is to help your phone make the best choice for you.

A simple fact to know: all cellular systems are either type "A" or "B". So your "Home system" is either an "A" or "B" system. Ask your cellular service provider or dealer which type yours is.

1) Press **MENU** then ▼ until you see CALL SETTINGS. Press **OK**. Press ▼ until you see CALLING OP-TIONS. Press **OK**.

2) Press ▼ to scroll to CARRIER SELECTION and the current setting. Press **OK** if you want to change it.
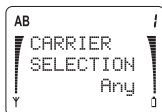
```
AB              1
 ▌CARRIER      ▌
  SELECTION
        Any
 Y              0
```

3) The phone asks for your security code. Enter it and press **OK**.

4) Press ▼ to move the pointer to the option you want (described below). Press **OK** to select it.

```
AB              3
 ▌Non-pref.   ▌
 ▶Any
  Home only
 Y              0
```
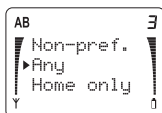
Preferred - Your dealer can program a list of "preferred" networks into your phone. If your dealer has done this, when you choose Preferred your phone looks first for your home system, then a network in the preferred list, then a network of the same "type" (A or B) as your home system, then a network of the opposite "type" as your home system.

If your dealer has not programmed this list into your phone, you can still use the Preferred option. The phone will look first for your home system, then a network of the same "type" as your home system.

Non-Preferred - Your phone will choose a network that is of a different "type" than your Home system.

Any - The phone first looks for your home system, then a network of the same "type" as your home system, then a network of the opposite "type" as your home system.

Home Only - The phone only looks for service on the Home system. It won't choose any other network, so if you're out of your Home system, you won't have service (NO SERVICE).

The table below shows how the phone's display changes according to which network the phone uses.

If the phone is using this network:	The display shows:	The display says:
Home system	🏠 (solid)	Blank, or name of Home system
Preferred network	🏠 (flashing)	PREFERRED, or name of Preferred network
Home-*type* (phone has pre-ferred list)	(blank)	ROAMING
Home-*type* (no preferred list in phone)	🏠 (flashing)	ROAMING
Non-Home-*type*	(blank)	NON-PREF.

Allowed Calls (Menu 5 2 2)

1) Press *MENU* then ▼ until you see CALL SETTINGS. Press *OK*. Press ▼ until you see CALLING OPTIONS. Press *OK*.

2) Press ▼ to scroll to ALLOWED CALLS and the current setting. Press *OK* if you want to change it.

3) The phone asks for your security code. Enter it and press *OK*.
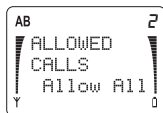
4) Press ▼ to move the pointer to the option you want (described below). Press **OK** to select it.

```
AB                    ↕
│ Incoming            ▌
│▶Allow all           ▌
│ Nat'l only          ▌
Y                     0
```
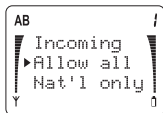
Allow all - There are no restrictions on outgoing calls.

Nat'l only - You can only make calls within your own country; you cannot make international calls.

Local only - You can only make local calls, or calls to toll-free numbers beginning with 1800, 1888, or 1877. You cannot make national calls (prefixed with 1) or international calls (prefixed with 011).

Mem. only - You can only make outgoing calls to numbers stored in memory locations 10-14.

Note: You cannot store any numbers in the phone directory when Mem. only is selected.

Incoming - You can only receive incoming calls; your phone will not allow outgoing calls.

Lock Phone (Menu 6)

When you lock your phone, you cannot make outgoing calls (except to the number stored in location 75 and the emergency number programmed into your phone). Also, you cannot access the phone's memory or menu. You can receive incoming calls as usual.

To make a call to location 75 when the phone is locked, press ▼ then **SEND**. To call the emergency number, enter the entire emergency number then press **SEND**.

1) Press **MENU** then ▼ until you see LOCK PHONE. Press **OK**.

2) The phone asks you to Enter lock code.

3) Enter the lock code and press *OK*. The phone displays PHONE LOCKED.

```
AB
█ Enter
█  lock code:
█
Y           û
```
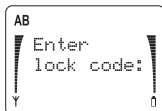
LOCKED remains on the display to remind you that the phone is locked. To unlock the phone, press *MENU* and the phone will prompt you for the lock code. Enter it and press *OK*.

In-Call Menu

This is available only when you're in a call. To access it, give the *MENU* key a short press. (A long press of the *MENU* key gives you the normal menu, as described in Section 6.)

```
AB  ☎
█ Mute
█ ▶Send DTMF
█
Y           û
```

The in-call menu works just like a normal menu. Move the pointer and press *OK* to select an option. After you make a choice, the phone automatically exits the in-call menu.

Mute - This mutes the phone during a conversation. The phone displays MUTED. To unmute the phone, select the Mute option again. The phone displays MUTE OFF.

Send DTMF - To send DTMF (Touch Tone) strings during a call, first recall the stored string from memory. Then, access the in-call menu with a short press of *MENU*. Move the pointer to Send DTMF and press *OK*. The phone sends the DTMF (Touch Tone) string. See "Sending Touch Tones" on page 56.

Note: When you're in the In-Call Menu, pressing any key (0-9, *, #, CLR or END) exits the In-Call Menu. The phone displays the digit pressed instead.

*While the phone is alerting you of an incoming call (and there are no other calls active or held), the In-Call menu is not available until you answer the call. Similarly, when you press **SEND** to initiate a call, until the call is connected, there is no In-Call Menu.*

Reminder Message

You can store a reminder message to appear the next time you switch your phone on (it will appear once only). To do this:

1) Enter your message (see "Entering Letters" on page 22).

2) Give *MENU* a quick press, then switch the phone off.

When you switch your phone on again, the message displays.

To clear the message, press and hold *CLR*.

7. Data and Touch Tones

Data Mode

Data Mode can be used when your phone is connected, via a suitable data card and modem, to a laptop or personal computer. You may then use your computer to make and receive calls, and to send and receive data messages such as emails.

Follow these steps before using Data Mode:

- Ensure your phone is switched on, and that the battery has enough charge for the duration of your data calls.
- Ensure that you are receiving a strong signal (see signal strength indicator on the display).
- Ensure that your computer is switched on, and is fitted with a data card.
- Connect the data cable to the data card, and to your phone.

To select Data Mode

Connect the data cable to your phone (DATA CARD CONNECTED displays). When in a call, with the data cable connected, the phone displays DATA CALL.

In a data call, the keys on the phone don't work except for **END**; when not in a call, all keys work. Also, the microphone and earpiece don't work in a data call.

Important! When you are in Data Mode, do not switch off the phone. Do not move the phone, or use it in a moving vehicle (data will be lost if you move from one cell to another).

To de-select Data Mode

Disconnect the data cable (DATA CARD REMOVED displays).

To operate your modem and data card

Refer to the documentation supplied with these items.

Sending Touch Tones

Your phone is a 'Touch Tone' phone. Touch Tones are the sounds your phone makes when you press the keys. Touch Tones can be used for many automated phone services such as checking your bank balance and using voice mailbox options.

Your phone refers to Touch Tones as 'DTMF' (Dual Tone Multi Frequency).

Manually Sending Touch Tones

Pressing the keys during a call sends Touch Tones. To do this:

1) Make a call in the usual way (e.g. to your bank's computer phone number).

2) Manually enter the digits to be sent as Touch tones (e.g., your bank account number and password).

Automatically Sending Touch Tones

For automatic sending of Touch Tones, you can store the Touch Tone string within the same memory location as the access phone number. Store a pause (p) or wait (w) character between the phone number and the Touch Tone string.

See "Special Characters in Stored Numbers" on page 24 for details on storing pause and wait characters.

The following is an example of a number you could store in your phone:

This number contains a phone number (18005551212), a wait character, an access number ('1234'), a wait character, and a password ('3434') - 18005551212w1234w3434.

When you recall this number from memory and press **SEND**, the phone:

• Dials 18005551212 (the stored number), then:
• 'Waits' for you to press **SEND** again. When you do, the phone sends the numbers 1234.
• 'Waits' for you to press **SEND** again, then sends the numbers 3434.

The following example shows storing 'pause' characters as well as 'wait' characters (Note that a 'wait' character must still be included, as shown, to separate the phone number from the following digits):

18005551212w1234p3434

When you recall this number from memory and press **SEND**, the phone:

• Dials 18005551212 (the stored number), then
• 'Waits' for you to press **SEND** again. When you do, the phone sends the numbers 1234. It then:
• Pauses for 2.5 seconds, then sends the numbers 3434.

Note: If the keypad tones have been set to Off, the Touch Tones will still be sent, but you will not hear them.

Pressing **MENU SEND** sends a displayed number as a Touch Tone.

To end the call, press **END** after the phone sends the Touch Tones and has returned to the normal call mode.

Using the Flash Function

Your cellular system may offer a flash function service. This system service lets you accept or make a second call when you already have a call in progress (e.g. set up a conference call), or send other information to the network, such as credit card numbers.

*Pressing **SEND** sends a displayed number to the network as a flash, unless it is preceded by a 'p' or 'w'. (In these cases it is sent as a Touch Tone.)*

After the phone number has been entered, you can add extra information which is for 'flash' sending to the network.

Contact your service provider for further details.

8. Network Services

Availability of Network Services

To be able to use any of the network services, you will need to subscribe to the particular service. The service may not be available in all cellular service provider networks. Please contact your local cellular service provider for further information.

Some services which may be available are listed below and described briefly in this section:

- Calling Line Identification
- Call Waiting
- Voicemail

Calling Line Identification

When someone calls you, the phone can display the caller's phone number or name (or a text message), with CALLING flashing.
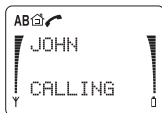
If the presentation of the caller's identity is restricted by the network, or is withheld by the caller, CALL-CALLER ID BLOCKED or CALL-ID NOT AVAILABLE may be displayed instead.

The caller's name will be displayed if it is sent by the network, or if the number sent matches the number and name stored in your phone book.

Note: If the last seven digits of an incoming caller's number match the last seven digits of a number stored in the Phone Book, the phone displays the stored number/name even if the area code or other dialing prefix is different.

The number will be stored in the Received Calls list or the Missed Calls list, depending on whether you answer the call or not.

Call Waiting

Call Waiting allows you to be informed of a incoming call while you already have a call in progress.

When you have a call in progress and a third party calls you, the phone can display the caller's phone number or name (or a text message), with CALLING flashing.
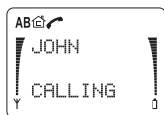
If the presentation of the caller's identity is restricted by the network, or is withheld by the caller, CALL-CALLER ID BLOCKED or CALL-ID NOT AVAILABLE may be displayed instead.

To answer the incoming call:

1) When you get an incoming call alert (e.g., if you hear a beep, or see the caller's number or name, with CALLING flashing), press **SEND**.

The second call will be answered, and the first call will be put on hold (the caller's number, if available, will be stored in the Received Calls list). To swap between the two calls, press **SEND**. To end both calls, press **END**.

The caller's name will be displayed if it is sent by the network, or if the number sent matches the number and name stored in your phone book.

Note: If the last seven digits of an incoming caller's number match the last seven digits of a number stored in the Phone Book, the phone displays the stored number/name even if the area code or other dialing prefix is different.

If you don't answer the incoming call, after approximately 20 seconds the call alert indications will stop and the caller's number (if available) will be added to the Missed Calls list.

To clear the incoming call alert indications without answering the call:

1) Press any key except *SEND*, *END* or **PWR**.

Voicemail Message Waiting

Message Waiting notifies you of unheard voice mail messages in your voice mailbox. The method of notification varies from one network to another.

If you receive voicemail:

- the voicemail indicator ⚬⚬ lights,
- NEW VOICE MESSAGE or 'n' NEW VOICE MESSAGES may be displayed, indicating the number (n) of unread messages,
- the index number may show the number of unread messages.

To listen to your Voice Messages you can do any of the following:

- When NEW VOICE MESSAGE or 'n' NEW VOICE MESSAGES is displayed, press *SEND* or *OK*.

- Give the *1* key a long press to quick-dial your voice-mail access number (if it is stored in phone book location 1; see Note below).

- Enter your voicemail access number, then press *SEND*.

The service may offer voice guidance. You may need to press keys on the phone keypad to access features.

Note: To be able to quick dial your voice mailbox with the *1* key:

1) Store your Voice Mailbox Access Number in the Phone Book location 1 (see "Save Name & Number (Menu 1 2)" on page 31).

2) Set the 1-Touch Dialing menu feature to On; for details, refer to "1-Touch Dialing (Menu 3 6)" on page 40.

You only need to do steps 1 and 2 once (unless, of course, your voice mailbox access number changes).

9. Accessories

An extensive range of accessories is available for your phone. You can select the accessories that best suit your specific communication needs.

For availability, please check with your local dealer.

A few practical rules for accessory 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.
- Installation of complex car equipment must be completed by qualified personnel only.
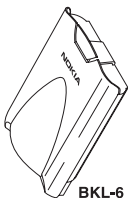

WARNING!
Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.

Batteries

BKH-6   BKL-6   BMH-2

Several batteries are available for your phone:

- BKH-6 Extended NiCd 1100 mAh
- BKL-6 Extended Vibra NiCd 1100 mAh
- BMH-2 Light NiMH 550 mAh)
- BMH-7* Extended NiMH 1400 mAh
  (looks same as BKH-6)
- BML-7* Extended Vibra NiMH 1400 mAh
  (looks same as BKL-6)

  * Check with your service provider for availability.

For detailed battery information, including charging, talk, and standby times, see "Battery Information", beginning on page 5.

ACP-7U Standard Travel Charger

Use this durable and economical charger to charge all battery options. Plug the charger into a wall outlet and connect the connector to the bottom of your phone. Check the charging status on the phone display. (See "Charging Times" on page 6.)
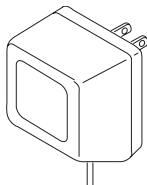
Calls can be made during charging, but charging will stop for the duration of the call and the battery bar scrolling stops.

Note: If the battery is completely empty, you cannot use the phone until it has enough charge to operate.

The Travel Charger is available for different voltage levels and can also be used with the CGH-10 Compact Desktop Charging Stand.

ACP-9U Rapid Travel Charger

The extremely light, functionally de-signed Rapid Travel Charger charges your phone battery quickly. (See "Charging Times" on page 6.)

Plug the charger into a wall outlet and connect the connector to the bottom of your phone. Check the charging status on the phone display. You can use your phone while charging.
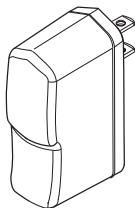
Operating within a voltage range of 100V-240V AC (50Hz-60Hz), the Rapid Travel Charger is practically voltage-independent in normal office and household use. Like the Travel Charger, the Rapid Travel Charger is compatible with all battery options. The Rapid Travel Charger can also be used with the Compact Desktop Charging Stand CGH-10.

LCH-9 Rapid Cigarette Lighter Charger

The multivoltage Rapid Ciga-
rette Lighter Charger ensures
that your phone is always
ready for use wherever you
travel. The small charger's
functional design fits well with
most car lighters and interiors.
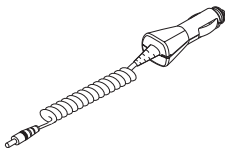
Charging Times are the same as for the Rapid Travel
Charger ACP-9U (see "Charging Times" on page 6). Calls
can be made during the charging.

A green light indicates that the Rapid Cigarette Lighter
Charger is ready to charge. Check the charging status on
the phone display. The input voltage is 12 or 24 V DC,
negative grounding.

The Rapid Cigarette Lighter Charger can be used with all
accessories available for your phone.

Avoid prolonged charging with the Rapid Cigarette Lighter
Charger when the car engine is not running. This may
cause the battery of your car to drain.

*Note: In some cars the cigarette lighter plug is not provided
with power when the ignition is switched off. Verify that the
green LED light is lit.*

CGH-10 Compact Desktop Charging Stand

The Compact Desktop Charging Stand provides mount-
ing for both the phone and a spare battery. Plug the
charger into a wall outlet and connect the connector to the
back of the Compact Desktop Charging Stand. Place your
phone and/or a spare battery in the stand to begin battery

charging. Check the charging status of the phone battery on the phone display.

When the phone is charging, no lights are displayed on the stand. When charging is complete, the stand's indicator light blinks.

Compatible with all battery options, the Compact Desktop Charging Stand can be used with the Standard Travel Charger ACP-7U or the Rapid Travel Charger ACP-9U.
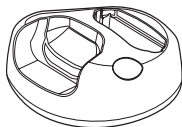
The phone has the built-in intelligence to maintain the battery, so there is no need for a discharge feature on the stand.

The spare battery charger status indicator is located on the front of the charging stand for easy viewing. The front slot charger status indicator is built into the phone. It is displayed on the screen and supported by audible confirmation tones.

BCH-10 Belt Clip

The belt clip lets you easily wear your phone. To attach the belt clip to the phone, first remove the battery. Next slide the metal clip onto the back of the phone, then replace the battery. Attach the clip holder to your belt and slide the metal clip into the holder until it locks.
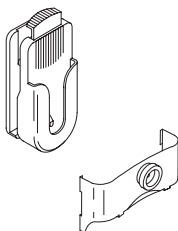
To release the phone from the clip holder, press the release button on the top of the holder.

10. Reference Information

Important Safety Information

Traffic Safety

Do not use a hand-held phone 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 and always switch off your phone whenever its use is forbidden, 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 with the antenna pointing over your shoulder.)

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 cellular phone.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (20 cm.) be maintained between a handheld cellular 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 6 inches (20 cm) 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 while at a refueling 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 liquefied 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 install the phone in a vehicle, or service the phone. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all cellular 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 a cellular phone or any of 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 cellular phones in an aircraft may be dangerous to the operation of the aircraft, may disrupt the cellular network, and may be illegal.

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

Emergency Calls

IMPORTANT!

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

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

Making an Emergency Call

1) If the phone is not on, switch it on by pressing and holding the **PWR** key.

2) Press and hold *CLR* to clear the display.

3) Enter the emergency number for your present location (e.g., 911 or another official emergency number). Emergency numbers vary by location.

4) Press *SEND*.

If certain features are in use (e.g., Keyguard), you may first need to turn these off before you can make an emergency call. Consult this document and your local service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your cellular phone may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

Radio Frequency (RF) Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992)*, NCRP Report 86 (1986)*, ICNIRP (1996)*.

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

American National Standards Institute, National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection.

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 allow you 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 as 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 operating temperature), moisture can form inside the phone, which may damage the phone's 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.

- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.

- 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.

11. Troubleshooting

Note: With a new, completely discharged battery, the phone may take up to 45 minutes to show that charging is in progress.

If the power does not come on or stay on:

- Make sure the battery is properly installed and charged.
- Be sure that the contacts on the battery and the charging stand are clean.
- Battery charge may be too low for operation. Check the display and listen for the low battery warning tones.

If the power comes on, but the phone does not work:

- If the phone displays NO SERVICE, you're out of the cellular service area and you can't make calls. You also get this message if you've chosen Home Only under Carrier Selection (in Menu 5 2), and you've left your Home system.
- Make sure that the antenna is properly installed and if your phone has an extendable antenna, make sure that the antenna is extended to its full length.
- Check if there is an error message on the display after switching the phone on. If so, contact your local dealer.

12. Technical Information

Weight:	6.2 oz. with Extended Battery (BKH-6)
Transmitting Power:	500mW nominal
Operating Voltage:	3.6V dc 12V dc for car kit
Frequency Band:	824.040 - 848.970MHz (TX) 869.040 - 893.970MHz (RX)
Number of Channels:	832
Phone Book Memory Locations:	Up to 75*
Memory Capacity (per location):	32 numeric digits, and 30 letters

Note: The maximum number of Phone Book entries depends on how much information you store in each location.

CANADA
NOKIA PRODUCTS LTD. – 575 Westney Rd. South,
Ajax, Ontario L1S 4N7. Tel: (905) 427-6654

USA
NOKIA MOBILE PHONES – 6200 Courtney Campbell Causeway,
Suite 900, Tampa, FL 33607
Tel: 1-888-NOKIA2U (1-888-665-4228)

Part No. 9351765	01/98	Printed in Canada

NOKIA
CELLULAR TELEPHONE
LIMITED 1-YEAR CELLULAR TELEPHONE WARRANTY

NOKIA warrants that the NOKIA cellular telephone and accessories are free from defects in material and workmanship. The warranty period for the Phone (Radio) units and all accessories (excluding carry bags) is twelve (12) months from the date of purchase or fourteen (14) months from the date of wholesale shipment from NOKIA, whichever is sooner. The warranty period for the Carry bags is three (3) months from the date of purchase (with proof of purchase) or five (5) months from the date of wholesale shipment from NOKIA, whichever is sooner.

During the warranty period, NOKIA will, at its option, repair or replace the defective product free of charge.

However, if NOKIA determines that the warranty conditions cannot be applied, the purchaser will be billed for the repair and shipping.

EXCEPTIONS

This warranty is subject to the following exceptions:

1) Mobile or fixed installation which is not in accordance with the installation instructions, published by NOKIA, will void the warranty. Damage caused by a repair or an attempt to repair by other than a service centre authorized by NOKIA will void the warranty;

2) This warranty covers normal consumer use and does not cover defects or damage to any product which, in NOKIA's sole opinion, has been subject to improper storage, liquid damage, unauthorized modification, misuse, neglect, abuse, misapplication, accident, alteration, improper installation, maladjustment of consumer controls, or abnormal operating conditions, or which has been attributable to acts of God;

3) Fuses and damage caused by shipping are not covered by the warranty;

4) This warranty does not cover defects or damages caused by a product which is not approved by NOKIA to be connected to the cellular telephone. NOKIA will not be liable for incidental or consequential damages resulting from the use of such not-approved device;

5) This warranty does not cover defects or damages caused by improper or defective function of the cellular system or by inadequate signal reception by the antenna;

6) Removal and reinstallation costs are not covered by this warranty;

7) This warranty is applicable only to products sold and bought in Canada or Bermuda.

8) Removal of Date Code Labels from the accessories will void the warranty.

Aside from the obligation stated in the foregoing warranty, NOKIA will not be liable for incidental or consequential damages, direct or indirect, loss of unanticipated benefits or profits, loss of use of the cellular telephone, resulting from the use of the cellular telephone, or its accessories, or arising from any breach of this warranty.

CLAIM PROCEDURE

In order to obtain warranty performance, return the defective unit to the NOKIA Service Centre with transportation charges prepaid. (Shipping of the repaired unit will be paid by NOKIA.)

The proof of date of purchase will be required before in-warranty service is rendered.

Maintenance and service may be obtained in any authorized service centre in Canada.

EXTENSION OF WARRANTY PERIOD

When a repair is made, an extra 90-day service warranty is given to the labour and parts of the repair concerned. If replacement of a faulty unit is applied, instead of repairing, this 90-day service warranty is applied to the replaced unit.

Besides this 90-day service warranty, the warranty repairs or replacements do not affect the original warranty conditions, which are determined by the date of purchase.

THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

Some provinces do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

FOR WARRANTY SERVICE LOCATION, CONTACT YOUR AUTHORIZED DEALER OR DIRECTLY TO:

NOKIA PRODUCTS LIMITED
575 Westney Road South
Ajax, Ontario L1S 4N7

For products being returned to NOKIA or its authorized service centres, the retail dealer shall prepay shipping charges, taxes, duties, insurance. NOKIA assumes no risk for damage in shipping.

NOTE: Your warranty is automatically registered.

NOTES

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