# User's Guide

**PC-7100**

**T**hank you for choosing the up-to-date PC-7100, our new model, developed by top researchers to support the CDMA2000 1X system through Qualcomm-manufactured MSM6050 chips and CDMA technologies.
This product allows for high speed communication services, such as web browsing, data & fax services, and a GUI animation menu.
T9 input mode makes it much easier to enter text, while VR (Voice Recognition) makes the PC-7100 more user friendly.
Other proven technologies include:

• Full graphic display of 9 text input line and 1 icon line with variable font size.
• Easy to dial through the VR feature.
• Easy to enter letters through the T9 text input mode.
• Enhanced for web browsing & data services
  (i.e.; wireless internet access, wireless fax send/receive, UP browser)
• GUI & Animation display compliant with CDMA2000 1X.
• CSTN 65K Color LCD.
• Mobile camera (310K pixels)
• Navigation Key and 21 keys aligned for more convenience.
• Sophisticated features of speaker phone, and voice recognition.
• Additional services of text messaging and Web browsing on top of authentication, call forwarding, call transfer, call waiting.

**IMPORTANT INFORMATION**
This PC-7100 user guide contains very important information about how to handle and use the product. Please read this manual thoroughly, pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, which are related with the unauthorized use of components.
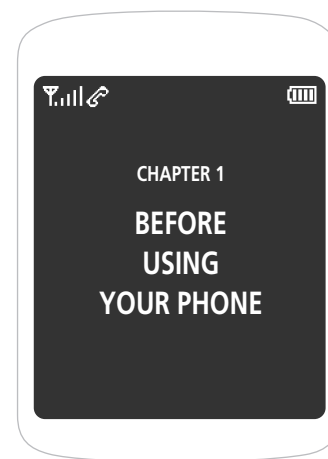
CHAPTER 1

**BEFORE USING YOUR PHONE**

This chapter provides important information about using the PC-7100 including:

INSIDE THE PACKAGE

HANDSET DESCRIPTION

BATTERY USAGE

BATTERY HANDLING INFORMATION

**BEFORE USING**  INSIDE THE PACKAGE

HANDSET DESCRIPTION  **BEFORE USING**

This package should include all items pictured below.
If any are missing or different, immediately contact the retailer where
you purchased the cellular telephone.

This cellular telephone is a tri mode (800 MHz AMPS/CDMA, 1900 MHz PCS)
CDMA2000 1X digital cellular telephone with camera and web browsing
capabilities.
The PC-7100 weighs 3.7oz. And the dimensions are 4.5" X 1.8" X 0.9".
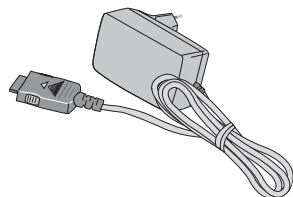
Handset

Handstrap

AC Charger
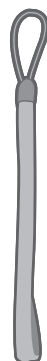
User Manual

Standard Battery

■ **Front view**

Earpiece

LCD
Screen

Function Keys

Send Key

END / Power Key

Microphone

■ **SIDE VIEW**

Earjack
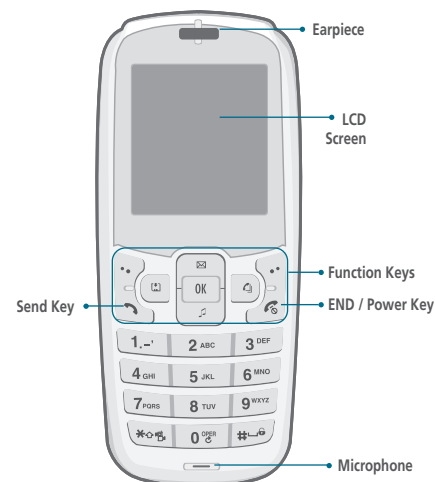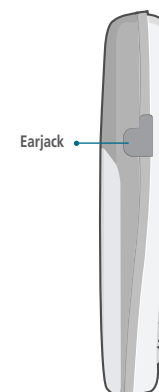
## ■ THE FUNCTION KEYS

**Display Indicators**
See page 9 for a list of icons.

**Text & Graphic area**

**Soft Key Indications**
Shows the functions currently assigned to each soft key and displays some icons.

**Menu**
(Left Soft Key) Press to access the menu or function displayed on bottom line.

**CLEAR & BACK**
(Right Soft Key) Press to clear a digit from the display or to return to the previous page.
Function displayed on bottom line.

Press to make or receive a call.

### THE FUNCTION KEYS

**In Idle Mode**
Press up to access the Messaging, down to access the Ring Tone, right for Phone book and left for Brew.

**Inside the menu**
Within a menu, use to scroll through menu options, or to select a function displayed on the screen.

To select an option.

Press to turn the phone on/off, to terminate a call or to return to the initial page.

Press and hold to enter etiquette mode.

Press and hold to enter lock mode.

## ■ DISPLAY INDICATORS

| | | | |
|---|---|---|---|
| **Signal Strength** Current signal strength: the more lines, the stronger the signal. | | **Alarm** Appears when either an event or an alarm is set. | |
| **Roaming** Phone is out of home area. | | **Ring Mode** Appears when a ringer is set as a ringer mode. | |
| **Service Indicator** Indicates call is in progress, indicates the phone cannot receive a signal from the system. | | **Data Only** Receives an async. call as a voice call. | |
| **Message** New text or voice message. | | **Speakerphone** Phone is in speakerphone mode. | |
| **Digital mode** Phone is operating in digital mode. | | **Etiquette** Phone will vibrate when call is received. | |
| **Analog Mode** Phone is operating in analog mode. | | **Mute** Phone is mute during a call. | |
| **Battery** Battery charging level – the more blocks, the stronger the charge. | | **Silent** Appears when Silent is selected as the ring mode. | |
| **Auto Answer** Phone is in answering machine mode. | | | |

■ **BATTERY INSTALLATION**

As shown in the picture below, put the metal locators of the battery into the holes located in the bottom of the unit.

❶ Insert the metal locators of the battery into the hole located in the bottom of the unit.

❷ Press the Upper part of the battery until the sound of a 'Click' is heard.
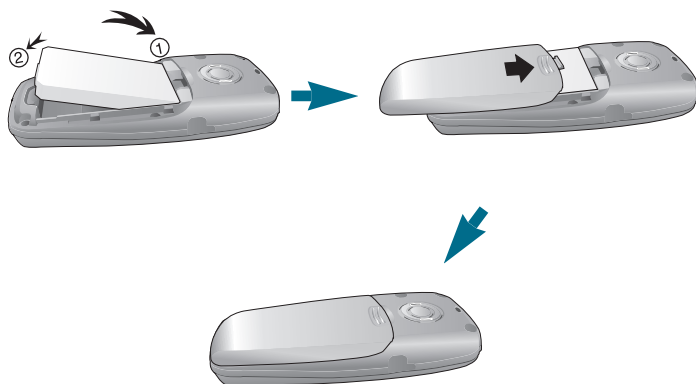
**NOTE** If the battery is not correctly placed in the compartment, the handset will not turn on and / or the battery may detach during use.

**BATTERY CHARGING**

**POWER CONNECTION**

❶ Plug the AC Charger into a standard outlet.

❷ Plug the other end of the AC Charger into the bottom of your phone. The battery must be installed on to the phone.
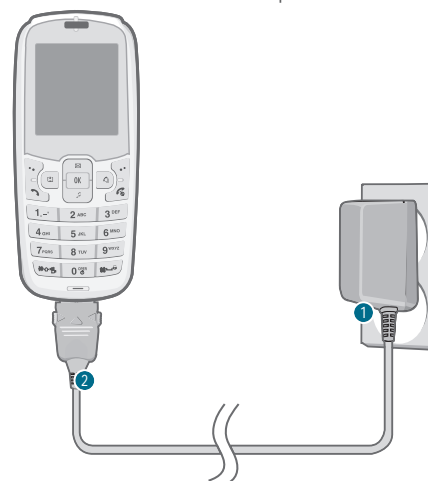
**NOTE** • When you charge the battery with the phone power off, you will see a charging status
screen. You cannot operate the phone until it is powered on.
• The battery is not charged at the time of purchase.
• Fully charge the battery before use.
• It is more efficient to charge the battery with the handset powered off.
• The battery must be connected to the phone in order to charge it.
• Battery operating time gradually decreases over time.
• If the battery fails to perform normally, you may need to replace the battery

## PCS AND 1X BATTERY TIMES

The operating time is subject to your handset usage and configuration.

| Battery Capacity | DCS | PCS | AMPS |
|---|---|---|---|
| STD1000mAh | 200m | 190m | 80m |

## BATTERY LIFE (FOR NEW BATTERY)

The operating time is subject to your handset usage and configuration.

| Battery Capacity | DCS | PCS | AMPS |
|---|---|---|---|
| STD1000mAh | 107~190 Hours | 150~250 Hours | 20 Hours |

**NOTE**   These times are for a new battery. Talking and Standby time may decrease over time.

## ■ DOs

• Only use the battery and charger approved by the manufacturer.

• Only use the battery for its original purpose.

• Try to keep batteries in a temperature between 41ºF (5ºC ) and 95ºF (35ºC).

• If the battery is stored in temperatures above or below the recommended
range, give it time to warm up or cool down before using.

• Completely drain the battery before recharging.

  It may take one to four days to completely drain.

• Store the discharged battery in a cool, dark, and dry place.

• Purchase a new battery when its operating time gradually decreases after fully
charging.

• Properly dispose of the battery according to local laws.

## ■ DONT's

• Don't attempt to disassemble the battery – it is a sealed unit with no
serviceable parts.

• Don't accidentally short circuit the battery by carrying it in your pocket or
purse with other metallic objects such as coins, clips and pens.
This may critically damage the battery.

• Don't leave the battery in hot or cold temps.
Otherwise, it could significantly reduce the capacity and lifetime of the battery.

• Don't dispose of the battery into a fire.

MEMO

**CHAPTER 2**
**BASIC OPERATION**
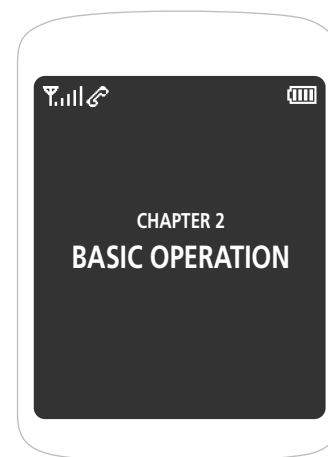
This chapter addresses and explains the basic features of your cellular telephone including:

TURNING THE PHONE ON / OFF

ACCESSING THE MENU

MENU SUMMARY

BASIC FUNCTIONS

DURING A CALL

MAKING AN EMERGENCY CALL

## ■ TURNING THE PHONE ON

❶ Press and hold 　 , until "**CURITEL**" Logo appears and the tone sounds.

> **NOTE**
> • To select a logo, refer to page 73 for more details.
>   (**Settings** > **Display** > **Graphics**) for more detail.
> • If your cellular telephone is locked when **"Password"** appears on the
>   display, enter your 4-digit password to unlock your cellular celephone.
> • The default password is the last 4 digits of your phone number.

## ■ TURNING THE PHONE OFF

❶ Press and hold 　 , until your "**CURITEL**" Logo appears.

> **NOTE**
> • Immediately change or recharge the battery when "Low Battery
>   Warning Power Off" appears on the display. Memory may possibly
>   be damaged if the phone turns off due to the battery completely
>   draining.
> • Turn the phone off before removing or replacing the battery.
>   If the phone is on, unsaved data may be lost.

Your phone can be customized via the menu. Each function can be accessed by scrolling with the Navigation key or by pressing the number that corresponds with the menu item.

To access the menu in the idle mode, press ● ● [MENU].

Use the Navigation key to scroll through the menu.

• To search through the menu in numerical order, press down.

To return to the previous page, press ● ● .
To exit the current menu and return to the idle mode, press 　 .

Press the Navigation key to enter a function when its main page is displayed or press its assigned number  to have direct access to the function.

> **NOTE**  **Hotkey**
> In idle mode, move the Navigation Key as follows to access these functions:
> • **Upward movement** : Messaging
> • **Downward movement** : Ring tone
> • **Rightward movement** : Phonebook
> • **Leftward movement** : Brew

| MAIN MANU | 2ND DEPTH | 3RD DEPTH | 4TH DEPTH |
|---|---|---|---|
| **1.Phone book** | 1. Find | 1.1.1 By Name | |
| | | 1.1.2 By Number | |
| | | 1.1.3 By Group | |
| | 2. Add New | | |
| | 3. Group | All | |
| | | Family | |
| | | Fridends | |
| | | ETC | |
| | | No name | |
| | 4. Msg Group | | |
| | 5. Speed Dial | | |
| | 6. My Phone # | | |
| **2. Call history** | 2.1 All Calls | | |
| | 2.2 Missed Calls | | |
| | 2.3 Incoming Calls | | |
| | 2.4 Outgoing Calls | | |
| | 2.5 Call Timers | 2.5.1 All Calls | |
| | | 2.5.2 Last Call | |
| | | 2.5.3 Incoming Calls | |
| | | 2.5.4 Outgoing Calls | |
| **3. Messaging** | 3.1 Send New | | |
| | 3.2 Voice Mail | | |
| | 3.3 Inbox | | |
| | 3.4 Outbox | | |
| | 3.5 Draft | | |
| | 3.6 Template | | |
| | 3.7 Erase All | 3.7.1 Inbox | 3.7.1.1 Old |
| | | | 3.7.1.2 Entire |
| | | 3.7.2 Outbox | |
| | | 3.7.3 Draft | |
| | | 3.7.4 Template | |
| | | 3.7.5 All | |
| | 3.8 Settings | 3.8.1 Save Sent Msg. | |
| | | 3.8.2 Auto Erase | |
| | | 3.8.3 Alert | |
| | | 3.8.4 Direct View | |
| **4. Pictures** | 4.1 R World | | |
| | 4.2 Download | 4.2.1 Ringers | |
| | | 4.2.2 Images | |
| | | 4.2.3 Animations | |
| | 4.3 Game | 4.3.1 Not Fixed | |
| | | 4.3.2 Not Fixed | |
| **5. Settings** | 5.1 Profiles | 5.1.1 Normal | |
| | | 5.1.2 Outdoor | |
| | | 5.1.3 Office | |
| | | 5.1.4 Silent | |
| | | 5.1.5 Vibrate | |

| MAIN MANU | 2ND DEPTH | 3RD DEPTH | 4TH DEPTH |
|---|---|---|---|
| | | 5.1.6 User1 | 5.1.6.1 Ringer |
| | | | 5.1.6.2 Key Tone |
| | | | 5.1.6.3 Voice Call |
| | | | 5.1.6.4 Speaker Phone |
| | | 5.1.7 User2 | 5.1.7.1 Ringer |
| | | | 5.1.7.2 Key Tone |
| | | | 5.1.7.3 Voice Call |
| | | | 5.1.7.4 Speaker Phone |
| | 5.2 Sound | 5.2.1 Ringer Type | 5.2.1.1 Voice Call |
| | | | 5.2.1.2 Message |
| | | | 5.2.1.3 Voice mail |
| | | 5.2.2 Alerts | 5.2.3.1 Roam |
| | | | 5.2.3.2 Connect |
| | | | 5.2.3.3 Disconnect |
| | | | 5.2.3.4 Fade |
| | | 5.2.3 Tone Length | |
| | 5.3 Display | 5.3.1 Menu style | |
| | | 5.3.2 Graphic | 5.3.2.1 Standby |
| | | | 5.3.2.2 Power On |
| | | | 5.3.2.3 Power Off |
| | | | 5.3.2.4 Incoming Call |
| | | | 5.3.2.5 Outgoing Call |
| | | 5.3.3 Language | |
| | | 5.3.4 Banner | |
| | | 5.3.5 Contrast | |
| | | 5.3.6 Backlight | |
| | 5.4 Call Forwarding | 5.4.1 Immediate | 5.4.1.1 Enable |
| | | | 5.4.1.2 Disable |
| | | | 5.4.1.3 Edit Feature Code |
| | | 5.4.2 When Busy | 5.4.2.1 Enable |
| | | | 5.4.2.2 Disable |
| | | | 5.4.2.3 Edit Feature Code |
| | | 5.4.3 No / Reply / | 5.4.3.1 Enable |
| | | Not Reachable | 5.4.3.2 Disable |
| | | | 5.4.3.3 Edit Feature Code |
| | | 5.4.4 Disable All | 5.4.4.1 Disable |
| | | | 5.4.4.3 Edit Feature Code |
| | 5.5 Call Waiting | 5.5.1 Enable | |
| | | 5.5.2 Disable | |
| | | 5.5.3 Edit Feature | |
| | | Code | |
| | 5.6 Data Svc. | 5.6.1 Receive Mode | |
| | | 5.6.2 RM Speed | |
| | | 5.6.3 Data Port | |
| | 5.7 Security | 5.7.1 Phone Lock | |
| | | 5.7.2 Change code | |
| | | 5.7.3 Restrict | 5.7.3.1 Phone Book |
| | | | 5.7.3.2 Call History |
| | | | 5.7.3.3 Outgoing Call |
| | | | 5.7.3.4 Messaging |
| | | | 5.7.3.5 Data Call |

| MAIN MANU | 2ND DEPTH | 3RD DEPTH | 4TH DEPTH |
|---|---|---|---|
| | 5.8 Others | 5.7.4 Emergency Call<br>5.7.5 Change NAM<br>5.7.6 Erase All<br>5.7.7 Reset Phone<br>5.8.1 Call Answer<br>5.8.2 Auto Retry<br>5.8.3 Key Guard<br>5.8.4 Auto answer<br>5.8.6 Service Area | |
| | 5.9 Airplane mode<br>5.0 Phone Info | | |
| 6. Organiser | 6.1 Schedule<br>6.2 Alarm | 6.2.1 Alarm1<br>6.2.2 Alarm2<br>6.2.3 Alarm3 | |
| | 6.3 Memo | 6.3.1 Add New<br>6.3.2 View Memo<br>6.3.3 Settings | |
| | 6.4 Calculator<br>6.5 Stop Watch<br>6.6 World clock | | |

## ■ MAKING A CALL

❶ Enter a phone number.

**To modify the phone number you have entered :**
- To erase one digit at a time press ● ° .
- To erase the entire number, press and hold ● ° .

❷ Press ⬋ .
The indicator, appears on the display.

- If "CALL FAILED" appears on the display or the line is busy, press ⬋ or .
- If you activate the "AUTO REDIAL" function, the phone will automatically redial for the number of times you have selected. (Refer to page 87).
- When you place or receive a call from stored phone numbers, both the name and phone number will be displayed.
- There is another way to make a call through the VR mode, which is called "VAD (Voice Activated Dialing)".
Please refer to page 94 (Voice Service) for more details.

❸ To end a call, press .

■ **PAUSE FEATURE**

Pauses are used for automated systems (i.e., voice mail, calling cards).
Insert a pause after a phone number then enter another group of numbers.
The second set of numbers is dialed automatically after the pause.
This feature is useful for dialing into systems that require a code.

❶ To insert a pause, enter a phone number then

press •₊ [MENU]. Select either a Hard Pause or a Timed Pause .

❷ Press ＼ to dial or •• [SAVE] to store.

Please refer to page 30 for more details about storing a phone number.

■ **ANSWERING A CALL**

❶ To answer a call, press any key except 🔚 or •• .

• In the Settings menu, you can select either "Any Key" or "Send Key" to answer a call.
  If "Send Key" is selected, the phone can only be answered by pressing .
  See page 73 for more information.

❷ To end the call, press 🔚 .

**NOTE** In Auto Answer Mode a call is automatically answered after a preset
number of ring tones.
See page 74 for more details.

■ **CALLER ID FUNCTION**

Identifies caller by displaying their phone number. If the caller's name and number are already
stored in your phone book, they both will appear.

**NOTE** The caller ID is stored in the call history.

■ **CALL WAITING FUNCTION**

Notifies you of an incoming call when you are already on a call by sounding a beep tone and
displaying the caller's phone number.

To answer another call while on the phone, press ＼ .

This places the first call on hold.

To switch back to the first caller, press ＼ again.

**NOTE** Call Waiting is a system dependent feature. Please contact your
service provider for details.

■ **ADJUSTING VOLUME**

Adjust the volume of the ringer, key beep and speaker.

❶ Press • [MENU]  **5** JKL ,  **1** . _ , , User 1 or User 2 then select one of
the following.

• **Ringer** : Controls the ringer volume.
• **Key Tone** : Controls the key pad tone.
• **Voice Call** : Controls the earpiece volume.
• **Speaker Phone** : Controls the speaker volume.

❷ Adjust volume then press  • [SAVE] to save it.

> **NOTE**  To adjust earpiece volume during a call move the Navigation Key up or down.

■ **ETIQUETTE**

Mutes key tones and activates the vibration mode to alert you of an incoming call or message.

❶ To turn etiquette mode on/off, press and hold  ✳ .
    will be displayed to indicate etiquette mode is active.

■ **KEY GUARD**

The Key guard feature of your cellular telephone locks the keypad to protect against accidental key presses when the phone is turned on and no call is in progress. You can still answer or silence an incoming call.

❶  To lock the phone, press and hold  #  .

• Lock feature will deactivate when the phone is powered off.
   Upon next power up, you will need to press  #  to lock phone again.

> **NOTE**  Press 1, 2, 3 to unlock the key guard.

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To display menu options during a call, press • [MENU].

■ **MUTE (UNMUTE)**

The caller cannot hear you or any sounds from your side but you can still hear them.

❶ Press • [MENU]   **1** . _ , .

• To deactivate, press • [MENU]   **1** . _ , .
• The phone will automatically unmute in Emergency Call or Callback mode.

■ **SILENT (SILENT QUIT)**

Prevent the other end from hearing tones if any key is pressed during a call.

❶ Press • [MENU]  **2** ABC .

• Press • [MENU] **2** ABC to deactivate it.

■ **SPEAKER MODE**

Activates the speaker phone when you are on a call.
The phone returns to normal (speaker phone off) after ending or call or when the phone is turned off and back on.

❶ Press • [MENU]  **3** DEF .

■ **SEND MY PHONE #**

Automatically transmits your phone number to a pager during a call.
(Dependent on pager service)

❶ Press • [MENU]  **4** GHI .

■ **MESSAGING**

Enables you to send a message (SMS) during a call.
(Refer to page 99 for more details.)

**5 JKL**

❶ Press • [MENU] **5 JKL** .

■ **PHONEBOOK**

Display the Phonebook menu.

**6 MNO**

❶ Press • [MENU] **6 MNO** .

■ **PHONE INFO.**

Notifies you of your handset information. Please see page 90 for more details.

**7PQRS**

❶ Press • [MENU] **7PQRS** .

The Emergency Call feature puts your phone in the Emergency Call Mode when you dial the preprogrammed emergency numbers, 000, 106, 112, *911. It also operates in the lock mode and out of the service area.

Emergency
Number

■ **EMERGENCY NUMBER IN LOCK MODE**

The Emergency number call service is available even in the lock mode.

❶ Enter Emergency number and press  .

❷ The call connects.

❸ The phone exits the Lock Mode for 5 minutes.

• When the call ends, the phone returns to the Lock Mode.

■ **EMERGENCY NUMBER USING ANY AVAILABLE SYSTEM**

The 911 call service is available even in the lock mode.

❶ Enter Emergency number and press  .

❷ The call connects.

❸ The phone maintains the Emergency Mode for 5 minutes.

• TThe phone returns to the Lock Mode.
• While the phone is in the emergency mode for 5 minutes, the phone can receive an incoming call from any available system.
  However it can't make a call.

CHAPTER 3     MEMORY FUNCTION

MEMO

**CHAPTER 3**
**MEMORY FUNCTION**
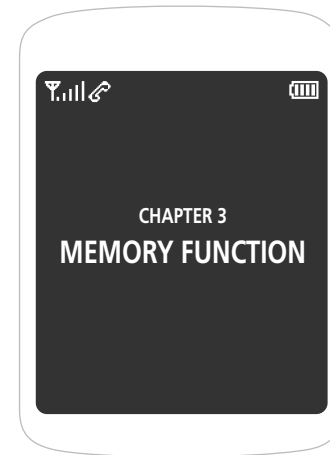
This chapter addresses memory functions including:

STORING A PHONE NUMBER

ENTERING LETTERS, NUMBERS & SYMBOLS

MAKING A CALL THROUGH THE PHONE BOOK

**The phone book stores up to 300 entries.**

NUMBER  →  ●●  →  New or Existing

❶ Enter phone number and press ●● [SAVE].

❷ Choose "New" or "Existing".
Press OK to select.

❸ The Phone # will appear next to a list of icons.
The name of the icon is displayed above the list. Use the Navigation key to choose the type of # you're adding, as indicated by the icon.
Press OK to select.

❹ Enter a name and press OK .
Please refer to page 31 for more details on entering letters, numbers & symbols.

To change the input mode, press ●● [Abc].
Press the navigation key down to select the group. Press the navigation key down to select other options (secret, email).

- 🐵  Group : Family, Friends, Work, Etc.
- 📷  Ringer.
- 🔒  Set Secret : Lock, Unlock.
- •  The other fields are set to Numeric mode as a default.

❺ To store the entry, press OK .
"New contact added!" or "Contact edited!" will be displayed.

The input mode (Alpha editor) will be automatically activated when necessary to enter letters and numbers. As shown below, there are 4 available modes ; Standard input mode (Abc), T9 input mode (T9Word), Numeric mode (NUM), and Symbol mode (Symbols).

The input mode indicator appears on the upper right  of the display when letters and numbers are entered.
To select the desired input mode among the 4 modes below,  press ●● [MODE], then enter letters and numbers.

**Input mode indicator**
- **T9Word** : T9 mode
- **Abc** : Abc mode
- **NUM** : Number mode
- **Symbols** : Symbol mode
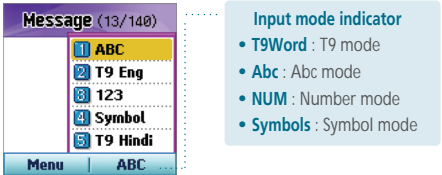
**The following illustrates the function assigned to each key in the Alpha Editor.**

| KEY | FUNCTION |
|---|---|
| | **Mode**<br>Press to change mode.<br>[T9Word][Abc][NUM][Symbols] |
| 0 | **Next**<br>Press to view the next matching word if the highlighted word is not the word you intended. |
| # | **Space**<br>Press to accept a word and add a space. |
| * | **Caps Lock**<br>Press to select a letter case of the standard text input or T9 text input mode.<br>[Abc], [ABC], and [abc] indicate the standard text input.<br>[T9Word], [T9WORD], and [T9word] indicate the predictive text input. |
| | **Clear**<br>Press to delete a character to the left of the cursor. |

## ■ STANDARD INPUT MODE

Use the digit keys to enter letters, numbers and characters.

❶ Enter letters using the key pad as follows:

| Key Pad | 1 time | Repetitions 2 times | Repetitions 3 times | Repetitions 4 times | Repetitions 5 times |
|---|---|---|---|---|---|
| 1 | 1 | . | @ | - | ' |
| 2ABC | A | B | C | 2 | A |
| 3DEF | D | E | F | 3 | D |
| 4GHI | G | H | I | 4 | G |
| : | : | : | : | : | : |
| 9WXYZ | W | X | Y | Z | 9 |

To change the input mode, press ● • [Abc].

❷ To enter a space, press #↵. 
The cursor will automatically move to \he next column.

❸ Repeat until letters are entered. 
Text messages have a 140-character limit. 
Picture message have a 120-character limit.

❹ To delete one digit, press ● • . 
To delete the entire entry, press and hold ● • .

❺ To change from lowercase to uppercase, press *⇧.

e.g. **Select Abc mode, by pressing ● • [Abc].** 
When you select this mode, the Abc icon appears as a visual 
confirmation.
- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "John":
  Press [ 5 JKL ] **J**
  Press [ 6 MNO , 6 MNO , 6 MNO ] **o**
  Press [ 4 GHI , 4 GHI ] **h**
  Press [ 6 MNO , 6 MNO ] **n**

## ■ T9 INPUT MODE

The T9 input mode incorporates a built-in-dictionary to determine a word based on the entered characters. 
A word can be entered more quickly by pressing a key once per character.

❶ Select the T9Word mode by pressing ● • [Abc].

❷ Press a digit key once to enter the character you want and enter 
all the characters to input the word you want.

❸ To view the next matching word, press 0 OPER .

❹ To accept matching word and enter a space, press #↵ .

NOTE **To enter a compound word.**
- Enter the first part of the word and press ◁ ▷ to accept it.
- Enter the last part of the word and press #↵ to enter the word.

e.g. To enter "phone book" in the T9 input mode.
- Press ● • [Abc] to select the T9 input mode and *⇧ to choose the 
small letter case (T9Word).
- Press 7 PQRS , 4 GHI , 6 MNO , 6 MNO , 3 DEF and you will see "phone" highlighted. 
Press ◁ ▷ to select it.
- Press 2 ABC , 6 MNO , 6 MNO , 5 JKL and you will see "book" highlighted. 
Press #↵ to select the compound word and enter a space.

## ■ NUMERIC MODE

Allows you to enter numbers.

❶ Press ● • [Abc] until the current input mode changes to the 
"NUM (Numeric mode)".

❷ To enter a number, press a digit key.

## ■ SYMBOL MODE

Allows you to enter symbols.

❶ Press ● • [Abc] until the "Symbols (Symbol mode)" appears.

- Use the Navigation Key to view a different line of symbols.

Press [ ◁ , ◁ ▷ ], or Press [ ✉ , ♪ ].

**MEMORY FUNCTION**   **MAKING A CALL THROUGH THE PHONE BOOK**

■ **SPEED DIAL#'S**

① Press ⦁• [MENU] **1.–' , 4 GHI** .

② To assign a phone number to a location, select the location
then press ⦁• [SET].

> • If a phone number is already assigned to the location,
> press ●• [ERASE] and ●• [OK] to delete.

③ Select the entry with the Navigation Key and press **OK** .

> • If the entry is set to secret, you will be asked for your password.

📖 • "Unassigned" appears if the location is available.
NOTE • If a phone number is set as Secret, you will have to enter the password.
• To call an assigned number, press & hold the last digit of the
speed dial #.

**CHAPTER 4**
**MENU FUNCTION**

This chapter addresses accessing the menu and using its functions
and features to customize your phone.

PHONE BOOK

CALLS HISTORY

messaging

R WORLD

SETTINGS

ORGANIZER

Stores up to 300 entries, each of which can be assigned to a group.
Entries can be retrieved by name or group.

### ■ FIND

Retrieves an entry by name and calls by simply pressing ↰ .
You can review all the entries stored in your phone book list or find an
entry quickly by entering a name or its character string.

### BY NAME

❶ Press ● [MENU]  **1** , **1** , **1** .

❷ The list of names in your phone book is displayed alphabetically.
   Use Navigation key to select the name.

❸ Enter a name or its character string or scroll through the list with the
   Navigation Key. Please refer to page 31 for more detatils on entering
   letters, numbers & symbols.

❹ All matching entries will be displayed. Highlight an entry. Press OK
   to edit the entry.  Press ● [MENU] to 1. Edit, 2. Send Msg., 3. Prefix
   4. Erase, 5. Erase All.

   • If the entry is set to secret, you will be asked for your password.
     (Refer to page 81 for password information.)

❺ To call the selected number, press ↰ .

---

### BY NUMBER

❶ Press ● [MENU]  **1** , **1** , **2** ABC .

❷ The list of phone numbers saved in your phone book will be displayed
   in numeric order.

❸ Enter the phone number or scroll through the list with the Navigation
   Key. The name associated with that number will be displayed at the
   bottom of the screen.

❹ All matching entries will be displayed. Highlight an entry. Press OK
   to edit the entry.  Press ● [MENU] to 1. Edit, 2. Send Msg., 3. Prefix
   4. Erase, 5. Erase All.

   • Secret # may not be appeared on List.

❺ To call the selected number, press ↰ .

### BY GROUP

❶ Press ● [MENU]  **1** , **1** , **3** DEF .

❷ The list of phone numbers saved in your phone book will be displayed
   in group order.

❸ Select one of the following groups (All, Family, Friends, Business, Etc.,)
   with OK .

❹ All matching entries will be displayed. Highlight an entry. Press OK
   to edit the entry.  Press ● [MENU] to 1. Edit, 2. Send Msg., 3. Prefix
   4. Erase, 5. Erase All.

   • If the entry is set to secret, you will be asked for your password.

❺ To call the selected number, press ↰ .

## ■ ADD NEW

Adds a new entry.

**1.–'**  **2 ABC**

❶ To add a new entry to the phone book,

press • [MENU]  **1.–'** , **2 ABC** .

❷ To enter a name or number, use the Navigation Key to select the phone book field.

> • **PHONE BOOK FIELD :**
> Name/Group/Mobile/Home/Office/Pager/Fax/E-Mail/ Ringer/
> Set Secret/Wireless Addr./Company/Memo

Please refer to page 31 for more detatils on entering letters, numbers & symbols.

❸ 3.1 To save the entry, press OK [SAVE].

3.2 To return to the previous page, press • [BACK].

## ■ GROUP

Allows you to classify phone entries into groups.  Existing groups include All, Family, Friends, Business, Etc..  A maximum of five groups is allowed.

**1.–'**  **3 DEF**

### ADD GROUP

❶ To add a new group, press • [MENU]  **1.–'** , **3 DEF** .
A maximum of seven groups is allowed.

❷ Press • [MENU] to select "Add Group".

❸ Input a new group name.

❹ Press OK to save it.

### CHANGE GROUP NAME

❶ Select an existing group name with the Navigation Key.

❷ Press • [MENU] to select "Rename".

❸ Input a new group name.

❹ Press OK to save it.

> **NOTE** The default group names (All, family, friends, Business, Etc.) cannot be changed.

### GROUP RINGER

❶ Select an existing group name with the Navigation Key.

❷ Press • [MENU] to select "Group Ringer".

❸ Select a ring

❹ Press OK to save it.

### ERASE GROUP

❶ Use the Navigation Key to select, then delete the group.

❷ Press • [ERASE] to delete it.

❸ Press OK to erase it.

> **NOTE** The default group names (All, family, friends, Business, Etc.) cannot be erased.

## ■ MSG. GROUP

Allows the user to five group, each group in a directory can have up to 10 phone numbers.
The user can add, change, and delete Msg. Group.

**1.ᵞ**  **4 GHI**

### ADD NEW MSG. GROUP

❶ To add a new group, press ● [MENU] **1.ᵞ** , **4 GHI** .
  A maximum of five groups is allowed.
❷ Press ● [MENU] then select "1. Add Group".
❸ Input a new group name.
❹ Press OK to save it.

### ASSIGN PHONE NUMBER TO MSG. GROUP

❶ To assign phone numbers to a Msg Group, select the Msg Group and
  press OK .
❷ Ten "unassigned" locations appear. Select a location and press OK [SET].
  Your phone book entries will be displayed in alphabetical order.
❸ Select the entry for the Msg Group location and press OK .
  "Saved!" will be displayed. Repeat for each location for the Msg Group.

### CHANGE MSG. GROUP NAME

❶ Press ● [MENU] **1.ᵞ** , **4 GHI** .
  Select an existing group name.
❷ Press ● [MENU] then select "2. Rename".
❸ Input a new group name.
❹ Press OK to save it.

NOTE  • There is a 16-letter limit.

### SEND TEXT MSG.

❶ Press ● [MENU] **1.ᵞ** , **4 GHI** .
  Select an existing group name.
❷ Press ● [MENU] then select "3. Send Text Msg.".
❸ Scroll to Message field and enter your message.
  Press OK . Then scroll to the Default CB#, Priority, and Insert fields.
  Set each as desired.
❹ Press ● [MENU] then select "1. Send" or "2. Save Msg.".
  Press OK .
  Please refer to page 73 for more details on "New Text Message".

### ERASE MSG. GROUP

❶ Press ● [MENU] **1.ᵞ** , **4 GHI** .
  Select the group name to be deleted.
❷ Press ● [MENU] then select "4. Erase" or "5.Erase All".

## ■ SPEED DIAL#'S

In idle mode, calls can be placed to numbers stored in speed dial by pressing & holding the location number on the key pad. For a 2-digit location number, press the first number, then press and hold the second number.

❶ To assign a phone number to a location, select the location

then press ●● [SET].

- **If a phone number is already assigned to the location, press** ●●
  **[ERASE] and** ●● **[OK] to delete.**

❷ Select the entry with the Navigation Key and press ●● .

- **If the entry is set to secret, you will be asked for your password.**

## ■ MY PHONE #

To display your phone number and service provider:

❶ To return to the previous page, press OK .

---

In idle mode, you can access call history by pressing ●● [MENU] 2 ABC .

## ■ ALL CALLS

Displays information about the 60 most recent incoming, outgoing or missed calls.

❶ To see a list of the 60 most recent incoming, outgoing or missed calls,

press ●● [MENU] 2 ABC , 1 .-' .
If the number is already stored in your phone book, only the name appears.
If the number is not stored, only the phone number appears.

❷ To view call details, press OK .

📖 NOTE   Call details include date, time, and phone number.

❸ Press ●● [MENU] to following items is displayed:

- **Save :** Stores the phone number in your phone book.
- **Send Msg. :** Sends a message to the phone number.
- **Prefix :** The user may add the desired number before the number.
           It is useful when you add "1" during long distance call.
           You may save it in the phone book after Prefix.
- **Erase :** To erase recent calls list.
- **Erase All :** To erase all recent calls list.

📖 NOTE   After 60 incoming, outgoing or missed calls, the oldest call will automatically be erased from the history.

### ■ MISSED CALLS

Displays information about the 20 most recently missed calls.

Place a call to a missed call number by simply pressing 📞 .

**2** ABC — **2** ABC

❶ To see a list of the 20 most recent missed calls,

press •● [MENU] **2** ABC , **2** ABC .

If the number is already stored in your phone book, only the name appears.

If the number is not stored, only the phone number appears.

❷ To view missed call details, press OK .

📖 **NOTE**   Call details include date, time, and phone number.

❸ Press •● [MENU] to following items is displayed:

- **Save :** Stores the phone number in your phone book.
- **Send Msg. :** Sends a message to the phone number.
- **Prefix :** The user may add the desired number before the number.
    It is useful when you add "1" during long distance call.
    You may save it in the phone book after Prefix.
- **Erase :** To erase recent calls list.
- **Erase All :** To erase all recent calls list.

📖 **NOTE**   After 60 incoming, outgoing or missed calls, the oldest call will automatically be erased from the history.

### ■ INCOMING CALLS

Displays information about the 20 most recently incoming calls.

Place a call to a incoming call number by simply pressing 📞 .

**2** ABC — **3** DEF

❶ To see a list of the 20 most recent incoming calls,

press •● [MENU] **2** ABC , **3** DEF .

If the number is already stored in your phone book, only the name appears.

If the number is not stored, only the phone number appears.

❷ To view incoming call details, press OK .

📖 **NOTE**   Call details include date, time, and phone number.

❸ Press •● [MENU] to following items is displayed:

- **Save :** Stores the phone number in your phone book.
- **Send Msg. :** Sends a message to the phone number.
- **Prefix :** The user may add the desired number before the number.
    It is useful when you add "1" during long distance call.
    You may save it in the phone book after Prefix.
- **Erase :** To erase recent calls list.
- **Erase All :** To erase all recent calls list.

📖 **NOTE**   After 60 incoming, outgoing or missed calls, the oldest call will automatically be erased from the history.

### ■ OUTGOING CALLS

Displays information about the 20 most recently outgoing calls.
Place a call to a outgoing call number by simply pressing 📞 .

**2** ABC  **4** GHI

❶ To see a list of the 20 most recent outgoing calls,
press • [MENU]  **2** ABC ,  **4** GHI .
If the number is already stored in your phone book, only the name appears.
If the number is not stored, only the phone number appears.

❷ To view outgoing call details, press OK .

📖 **NOTE**  Call details include date, time, and phone number.

❸ Press • [MENU] to following items is displayed:

- **Save :** Stores the phone number in your phone book.
- **Send Msg. :** Sends a message to the phone number.
- **Prefix :** The user may add the desired number before the number.
  It is useful when you add "1" during long distance call.
  You may save it in the phone book after Prefix.
- **Erase :** To erase recent calls list.
- **Erase All :** To erase all recent calls list.

📖 **NOTE**  After 60 incoming, outgoing or missed calls, the oldest call will
automatically be erased from the history.

### ■ CALL TIMERS

Checks the talk time and manages your calls within the limit you set.
The four timers include:

**2** ABC  **5** JKL

**ALL CALLS**

Displays talk time of all incoming and outgoing calls, excluding web access
calls.

❶ Press • [MENU]  **2** ABC ,  **5** JKL ,  **1** . .

❷ To view the time of the following items:

- Voice Call
- Data Call

**LAST CALLS**

Displays talk time of last call.

❶ Press • [MENU]  **2** ABC ,  **5** JKL ,  **2** ABC .

❷ To return to the previous page, press OK .

**INCOMING CALLS**

Displays talk time of incoming call.

❶ Press • [MENU]  **2** ABC ,  **5** JKL ,  **3** DEF .

❷ To return to the previous page, press OK .

**OUTGOING CALLS**

Displays talk time of outgoing call.

❶ Press • [MENU]  **2** ABC ,  **5** JKL ,  **4** GHI .

❷ To return to the previous page, press OK .

Your phone provides "BREW", a unique feature that enables you to download melody ringers, wallpapers, games, and more from your network to your phone. Please contact your service provider for the availability of these services.

### ■ START BREW

❶ To launch "BREW" from the standby mode, press • • [MENU]  **4** GHI  ,  **1**. – ' .

### ■ START DOWNLOADS

❶ To launch "Downloads" from the standby mode,
   press • • [MENU]  **4** GHI  ,  **2** ABC .

❷ When five or more icons appear on the screen, select an application with Navigation Key.

❸ To start the application, press  OK .

❹ To end the application, press ⌐ . The phone will return to the standby mode.

### ■ DOWNLOADING APPLICATIONS

❶ Press • • [MENU]  **4** GHI  ,  **2** ABC .
❷ Select "Downloads" with Navigation Key and press  OK .

❸ The phone will access your service provider's server.
   Follow the prompt to download applications.

### RINGER

❶ press • • [MENU]  **4** GHI  ,  **2** ABC  ,  **1**. – ' .

❷ Select "Downloads" then press  OK . The Mobile Browser  will launch and take you to the "Ringers" download menu.

❸ Use the Navigation Key to select a ringer you wish to download.

❹ From the item information page, select "Buy". If you have not previously purchased an item, you will be prompted to enter your account password and create your purchasing profile.

❺ A confirmation page will notify you that the ringer has been purchased and is stored in the "My Downloads" folder. To download the ringer, select "Download".

### IMAGES

❶ press • • [MENU]  **4** GHI  ,  **2** ABC  ,  **2** ABC .

❷ Select "Downloads" then press  OK . The Mobile Browser  will launch and take you to the "Images" download menu.

❸ Use the Navigation Key to select a ringer you wish to download.

❹ From the item information page, select "Buy". If you have not previously purchased an item, you will be prompted to enter your account password and create your purchasing profile.

❺ A confirmation page will notify you that the ringer has been purchased and is stored in the "My Downloads" folder. To download the ringer, select "Download".

### ANIMATION

❶ press • • [MENU]  **4** GHI  ,  **2** ABC  ,  **3** DEF .

❷ Select "Downloads" then press  OK . The Mobile Browser  will launch and take you to the "Animation" download menu.

❸ Use the Navigation Key to select a ringer you wish to download.

❹ From the item information page, select "Buy". If you have not previously purchased an item, you will be prompted to enter your account password and create your purchasing profile.

❺ A confirmation page will notify you that the ringer has been purchased and is stored in the "My Downloads" folder. To download the ringer, select "Download".

### ■ GAMES

You can play a variety of entertaining and graphically-rich games on your cellular telephone. New games are easy to download and play.

❶ Press ᐧ● [MENU]  **4**<sub>GHI</sub> , **3**<sup>DEF</sup> .

❷ Select "Get New" then press **OK** . The Mobile Browser will launch and take you to the "Game" download menu.

❸ Use the Navigation Key to select the game you wish to download.

❹ From the item information page, select "Purchase".

❺ A confirmation page will notify you that the game has been purchased and show the folder that the game stored. To download the game, select "Download".

Customizes your cellular telephone and optimizes performance through a variety of settings.

### ■ PROFILES

The phone provides you five profiles, which have a set of features to control (Normal/Outdoor/Office/Silent/Vibrator Only/User 1/User 2). You can easily choose a profile and switch to another. The default of each profile is in the table below. You can adjust the features of each profile.

ᐧ●  **5** JKL  **1**._,

❶ Press ᐧ● [MENU]  **5** JKL ,  **1**._, .

❷ Select one of the following options by pressing the Navigation Key to the right and press **OK** .

> • Normal/Outdoor/Office/Silent/Vibrator Only/User 1/User 2
> • User 1/User 2
>   Ringer : Silent, Ringer Off, Vibrate On, Level 1~5, High & Vib, Ringer After Vib
>   Key Tone : Level 1~5
>   Voice Call : Level 1~5
>   Speaker Phone : Level 1~5

### ■ SOUNDS

Sets Ringers, Alerts, and Tone Length.

ᐧ●  **5** JKL  **2** ABC

### RINGER TYPE
Controls the Ringer volume and alerts you to incoming calls in the following modes.

❶ Press ᐧ● [MENU]  **5** JKL ,  **2** ABC ,  **1**._, .

❷ Select one of the following options by pressing the Navigation Key to the right and press **OK** .

> • Voice call : bell 1~5
> • Message : Tone 1~5
> • Voice Mail : Tone 1~5

**ALERT**
When set, this setting alerts you to the following handset change

❶ Press • ● [MENU]  **5** JKL , **2** ABC , **2** ABC .
❷ Select one of the following options by pressing the Navigation Key to the right
and press  OK .

> • Roam : Sounds an alert when leaving a service area then entering a roaming
>              service area. (ON/OFF)
> • Connect : Notifies you that a call has been successfully placed. (ON/OFF)
> • Disconnect Alert : Notifies you that a call has been unsuccessfully placed. (ON/OFF)
> • Fade : Sounds an alert when the signal begins to fade. (ON/OFF)

**TONE LENGTH**
To adjust tone length:

❶ Press • ● [MENU]  **5** JKL , **2** ABC , **3** DEF .
❷ Select "Normal" or "Long" with the Navigation Key then press  OK  to save it.

**■ DISPLAY**

Allows you to customize display.

[ • ● ]  [ 5 JKL ]  [ 3 DEF ]

**MENU STYLE**
Sounds an alert when the signal begins to fade.

❶ Press • ● [MENU]  **5** JKL , **3** DEF , **1** .-' .
❷ Select "Graphic" or "List" with the Navigation Key then press  OK  to save it.

**GRAPHICS**
To select an LCD display:

❶ Press • ● [MENU]  **5** JKL , **3** DEF , **2** ABC .

*Standby*

① Press • ● [MENU]  **5** JKL , **3** DEF , **2** ABC , **1** .-' .
② Select Default to choose a standby display, or Downloads or Saved to
Phone to choose a display you have downloaded to your phone.
③ To save it, press  OK .

*Power On*

① Press • ● [MENU]  **5** JKL , **3** DEF , **2** ABC , **2** ABC .
② Select Default to choose a pre-installed display, display, or Downloads or
Saved to Phone to choose a display you have downloaded to your phone.
③ To save it, press  OK .

*Power Off*

① Press • ● [MENU]  **5** JKL , **3** DEF , **2** ABC , **3** DEF .
② Select Default to choose a pre-installed display, display, or Downloads or
Saved to Phone to choose a display you have downloaded to your phone.
③ To save it, press  OK .

### Incoming Call

① Press •● [MENU] **5** JKL , **3** DEF , **2** ABC , **4** GHI .

② Select Default to choose a pre-installed display, or Downloads or Saved to
Phone to choose a display you have downloaded to your phone.

③ To save it, press OK .

### Outgoing Call

① Press •● [MENU] **5** JKL , **3** DEF , **2** ABC , **5** JKL .

② Select Default to choose a pre-installed display, display, or Downloads or
Saved to Phone to choose a display you have downloaded to your phone.

③ To save it, press OK .

### LANGUAGE

Selects the language in which letters are displayed on screen.

❶ Press •● [MENU] **5** JKL , **3** DEF , **3** DEF .

### BANNER

To input a personal greeting:

❶ Press •● [MENU] **5** JKL , **3** DEF , **4** GHI .

❷ Select "Message", "Font Color" or "Entry Message" with the Navigation Key
and press OK .

> • **Message :** On/Off.
> • **Font Color :** White, Blue, Green, Magenta, Maroon, Black.
> • **Entry Message :** Enter message.

### CONTRAST

To adjust the display contrast:

❶ Press •● [MENU] **5** JKL , **3** DEF , **5** JKL .

❷ Use ◀🖬 and 🖬▶ to select a contrast level.

> • **CONTRAST LEVEL : 1~5**

### BACKLIGHT

Backlights the display for easy viewing in dark places.

❶ Press •● [MENU] **5** JKL , **3** DEF , **6** MNO .

❷ Select "Backlight" then select the duration with the Navigation Key and
press OK .

> • **7 Secs / 15 Secs / 30 Secs / 60 Secs / Always On**

### ■ CALL FORWARDING

This network service enables incoming calls to be rerouted to a number that you specify.

•● — **5** JKL — **4** GHI

❶ Press •● [MENU] **5** JKL , **4** GHI .

> • **Immediate :** To forward all incoming calls to a specified number.
> • **When Busy :** Calls are diverted when you are already on another call.
> • **No Reply :** Calls are diverted when you do not answer the phone.
> • **Unreachable :** Calls are diverted when you are not in an area covered
> by your service provider or when your phone is
> switched off.

### ■ CALL WAITING

This network service informs you when someone is trying to reach you during another call.

•● — **5** JKL — **5** JKL

❶ Press •● [MENU] **5** JKL , **5** JKL .

> • **Enable :** If you select enable, you can accept a waiting (receiving) call.
> • **Disable :** If you select disable, you cannot recognize the waiting
> (receiving) call.
> • **Edit Feature Code**

## ■ DATA SVC.

Allows you to transfer data when your cellular telephone is connected to a PC.

**5 JKL   6 MNO**

❶ Press •● [MENU]  **5** JKL , **6** MNO .
❷ Select one of the following item.

- **Receive Mode**
- **RM Speed**
- **Data Port**

## ■ SECURITY

Prevents unauthorized use of your cellular telephone. The following settings can be restricted:

**5 JKL   7 PQRS**

### PHONE LOCK
Prevents the phone from being used without entering the password first.

❶ Press •● [MENU]  **5** JKL , **7** PQRS  then enter "Password".

📖 NOTE  The default password is the last 4 digits of your phone number.

❷ Press **1** then select "Lock Now", "Lock On Power Up" or "Unlock" and
press OK .

- **Lock Now :** Lock the phone now.
- **Lock On Power Up :** Do not lock the phone now, but it is
automatically locked when power recycled.
- **Unlock :** Do not lock the phone.

---

### CHANGE CODE
Changes your 4-digit password.

❶ Press •● [MENU]  **5** JKL , **7** PQRS  then enter "Password".

📖 NOTE  The default password is the last 4 digits of your phone number.

❷ Press **2** ABC .
❸ Enter a new password then press OK .
❹ Enter the new password again and press OK .

### RESTRICT

*Phone Book*
Blocks access to phone book.

① Press •● [MENU]  **5** JKL , **7** PQRS  then enter "Password".
② Press **3** DEF , **1**  then select "Allow" or "Restrict" with the Navigation Key
and press OK .

- **Allow :** Allows access to the phone book.
- **Restrict :** Restricts access to the phone book.

*Call History*
Blocks access to call history.

① Press •● [MENU]  **5** JKL , **7** PQRS  then enter "Password".
② Press **3** DEF , **2** ABC  then select "Allow" or "Restrict" with the Navigation Key
and press OK .

- **Allow:** Allow access to call history.
- **Restrict:** Restrict access to call history.

*Outgoing Call*
Blocks all outgoing calls – except emergency calls – but allows an incoming call to be placed.

① Press •● [MENU]  **5** JKL , **7** PQRS  then enter "Password".
② Press **3** DEF , **3** DEF  then select "Allow" or "Restrict" with the Navigation Key
and press OK .

- **Allow :** Allows a dialed call.
- **Restrict :** Restricts a dialed call.

*Messaging*
Blocks access to message.

① Press ●● [MENU] **5** JKL , **7** PQRS then enter "Password".
② Press **3** DEF , **4** GHI then select "Allow" or "Restrict" with the Navigation Key and press **OK** .

> • **Allow :** Allows access to the message.
> • **Restrict :** Restricts access to the message.

*Data Call*
Restrict a data call from being placed.

① Press ●● [MENU] **5** JKL , **7** PQRS then enter "Password".
② Press **3** DEF , **5** JKL then select "Allow" or "Restrict" with the Navigation Key and press **OK** .

> • **Allow :** Allows a data call.
> • **Restrict :** Restricts a data call.

**Emergency Call**
Stores 3 phone numbers that can be called even in the lock mode.

❶ Press ●● [MENU] **5** JKL , **7** PQRS then enter "Password".

> 📖 The default password is the last 4 digits of your phone number.
> NOTE

❷ Press **4** GHI then select a location with the Navigation Key.
❸ Press ●● [SET] and input a phone number, press **OK** again to save.

**CHANGE NAM**
Changes the NAM used by the phone when you have multiple registrations.

❶ Press ●● [MENU] **5** JKL , **7** PQRS then enter "Password".

> 📖 The default password is the last 4 digits of your phone number.
> NOTE

❷ Press **5** JKL then Select "NAM1-RELIANCE" or "NAM2-RELIANCE" then press **OK** to save it.

**ERASE ALL**
Clears all phone book, downloads, and photo gallery entries.

❶ Press ●● [MENU] **5** JKL , **7** PQRS then enter "Password".

> 📖 The default password is the last 4 digits of your phone number.
> NOTE

❷ Press **6** MNO .
❸ Check "Phone Book", "call history" or "Brew" and press **OK** to erase all the items in those categories.

**RESET PHONE**
Resets phone to default settings.

❶ Press ●● [MENU] **5** JKL , **7** PQRS then enter "Password".

> 📖 The default password is the last 4 digits of your phone number.
> NOTE

❷ Press **7** PQRS .
❸ Select "Yes" or "No" with the Navigation key. Press **OK** .

**■ OTHERS**

( ●● )—( **5** JKL )—( **8** TUV )

**CALL ANSWER**
To select an answer mode:

❶ Press ●● [MENU] **5** JKL , **8** TUV , **1** .-' .
❷ Select "Any Key" or "Send Key" with the Navigation key.

> • **Any Key** : Press any key to answer an incoming call except ●● and 📵 .
> • **Send Key** : Press only ↘ to answer a call.

**AUTO RETRY**
Automatically redial a call up to 5 times after a set time interval.

❶ Press ● [MENU] **5** JKL , **8** TUV , **2** ABC .
❷ Select Retry Time and Select a time interval option
   (Off, 3 Secs, 5 Secs, 7 Secs, 10 Seconds) with the Navigation key.
❸ Select Repeat and Select a time interval option (1 time, 3 times, 5 times)
   with the Navigation key.
❹ To save, press OK .

**KEY GUARD**

❶ Press ● [MENU] **5** JKL , **8** TUV , **3** DEF .
❷ Select "Off" or "On" with the Navigation Key.
❸ To save, press OK . ("Key Guard Mode is now on" displays.)
❹ Press 1,2,3 to unlock your keypad.

**AUTO ANSWER**
To answer calls when your cellular telephone is connected to an optional
Ear phone or Hands free:

❶ Press ● [MENU] **5** JKL , **8** TUV , **4** GHI .
❷ Select "Ear Phone" or "Hands Free" with the Navigation Key.
❸ Select one of the following options and press OK .

> • **Off / 5 Secs / 10 Secs / 18 Secs**

**VOICE PRIVACY**
Enhances voice privacy and avoids tapping during a call.

❶ Press ● [MENU] **5** JKL , **8** TUV , **5** JKL .
❷ Select "Standard" or "Enhanced" with the Navigation key.
❸ To save, press OK .

> • **"Enhanced" : Makes it more difficult to wire tap.**

**SERVICE AREA**
Your Cellular Telephone allows you to control your ability to roam.
By using the Roaming menu option, you can determine which signals your cellular telephone
accepts.

❶ Press ● [MENU] **5** JKL , **8** TUV , **6** MNO .
❷ Select one of the following options by pressing the Navigation Key and
   press OK .

> • **Home Only :** Only within your home area or home affiliated area.
> • **Analog Only :** Stays in the analog setting until the hand set is
>                     powered on after being powered off.
> • **Analog Home Only :** Analog only within your home area or home
>                          affiliated area.
> • **Digital Only :** Stays in the digital setting until the hand set is powered
>                      on after being powered off.
> • **Automatic:** Scan the radio channels based on the Automatic setting.

■ **AIR PLANE MODE**
When your phone is in Airplane Mode, it cannot make or receive any calls or access
online information. However, you may still use the phone's other features, such as
Games, Voice Memos, etc..



❶ Press ● [MENU] **5** JKL , **9** WXYZ .
❷ Read the message, then press OK .
❸ Select "On" or "Off" then press OK to save your Airplane Mode setting.

■ **PHONE INFO**



❶ Press ● [MENU] **5** JKL , **0** OPER .
❷ You are to see the version of software, hardware and others.
❸ To return to the previous page, press OK .

■ **SCHEDULE**

Sets schedule and reminds you of that event.

❶ **6** MNO   **1** .–,

### ADD NEW PLAN

❶ Press ● [MENU] **6** MNO , **1** .–, , **1** .–, .
❷ Move the Navigation Key left, right, up or down to choose a date
in the calendar then press OK .
❸ To select alarm options press the Navigation Key downwards.

### DATE SETTING
Use the keypad to change or enter the date then press OK .

### TIME SETTING
Use the keypad to set a time and OK to select "AM" or "PM" then press OK .

### PLAN SETTING
Use the keypad to input a plan message then press OK .

### SETTING
Select an alert time interval option (On Time, 10 Min Before, 30 Min Before,
1 Hour Before, No Alarm) using the Navigation Key.

### RINGER SETTING
To set a Ringer, press ● [OPTIONS], then select "Default" or "Change" using
the Navigation Key. To save it press OK .

> • **Default :** To set default ringer type.
> • **Change :** To set custom ringer type.

❹ Press ● [SAVE] to save it or ● [CLR] to return to the calendar.
❺ The date of the event will be marked on your calendar.

### VIEW PLAN

❶ To view the Event List, Press ● [MENU] **6** MNO , **1** .–, , **2** ABC .
❷ Move the Navigation Key to choose an event then
press ● or ● [ERASE].
Press ● [OPTIONS], then select "Erase All" using the Navigation Key.

## ■ ALARM

You can set up to 3 alarms

**6** MNO    **2** ABC

❶ To display alarm entries, press • [MENU] **6** MNO , **1** , **2** ABC .
❷ Select one of the entries using the Navigation Key.
   To set a new alarm, choose alarm 1, 2 or 3.
   To edit an existing alarm, select that alarm. Press OK .
❸ Press the Navigation Key down to select alarm options.

### SETTING

Use the Navigation Key to select a setting for the  alarm
(Daily/Weekly/Monthly/Off/Once).

- **Once :** To enter the date filed.
- **Daily :** Don't editing filed
- **Weekly :** To select "Monday", "Tuesday", "Wednesday",
             "Thursday",  "Friday", "Saturday", "Sunday".
- **Monthly:** To select 1~31.
- **Off**

### DATE SETTING

Use the keypad to change or enter the date for the alarm then
press OK .

### TIME SETTING

Use the keypad to set a time for the event and the  • to select "AM" or
"PM" then press OK .

### SNOOZE SETTING

Use the Navigation Key to select a Snooze setting (No use, 1 time after 5
min, 1 time after 10 min, 3 times by 5 min).

### RINGER SETTING

To set a "Ringer" press • [MENU], then select  "Default" or "Change" using the
Navigation Key. To save it, press OK .

- **Default :** To set default ringer type.
- **Change :** To set custom ringer type.

### PLAN SETTING

Using the keypad, input an alarm message then press OK .

❹ To save an alarm setting press OK .

■ **MEMO**

Your cellular telephone includes an internal memo pad that can be used to compose and store reminders and notes.

**6 MNO    3 DEF**

**ADD NEW**
To compose a memo (there is an 80-letter limit):

❶ Press •• [MENU]  **6 MNO** ,  **3 DEF** ,  **1 .-'** .
❷ Input a new text memo.
   (Please refer to page 31 for more details on entering letters, numbers & symbols.)
❸ Press  **OK**  to save memo.

**VIEW MEMO**
To view a saved memo:

❶ 1.1. Press •• [MENU]  **6 MNO** ,  **3 DEF** ,  **2 ABC** .
   1.2. To add a new memo, press •• [MENU] **1 .-'** "New Memo".
   1.3. To erase a memo, press •• [MENU] **2 ABC** "Erase".
   1.4. To erase all memos, press •• [MENU] **3 DEF** "Erase All".
❷ The list of all memos, in saved order, is displayed.
   Select a memo then press  **OK** .
❸ The selected memo will appear. To edit it, press •• [MENU], select "Edit"
   and input a new text memo.
❹ Press  **OK**  to save edited memo.

**SETTINGS**
To select memo pad background image:

❶ Press •• [MENU]  **6 MNO** ,  **3 DEF** ,  **3 DEF** .
❷ Select (Paper/Pattern/Sea/Sky/Flower) with the Navigation Key
   (left or right) then press  **OK** .

■ **CALCULATOR**

To access the calculator:

**6 MNO    4 GHI**

❶ Press •• [MENU]  **6 MNO** ,  **4 GHI** .
❷ Follow the instructions below to calculate (8*6)/4-2.5

• **Input 8.**
• **Move the Navigation Key rightward.**
• **Input 6 then press the Navigation Key.**
• **Move it leftward.**
• **Input 4 then press the Navigation Key.**
• **Move it downward.**
• **Input 2 then press the ✳⇧ℬ to input (.).**
• **Press 5, •• .**

NOTE  ▶: X,  : -, ◀ : /,  : +, ✳⇧ℬ : .,  •• : Reset,  ••: =.

❸ To reset, press •• [RESET].

## ■ STOPWATCH

Simultaneously times up to six different events. To operate the stopwatch:

❶ Press • • [MENU] 6 MNO , 5 JKL .
❷ To measure a time period.
 1. To start the stop watch, press • • [START].
 2. To pause it, press • • [STOP].
 3. To resume it, press ♫ [RESET] to return to the previous page.
❸ To time up to FIVE events at once:
 1. To start, press • • [START].
 2. To stop a time period and continue measuring another one,
  press • • [SPLIT].
 3. To stop the second and continue measuring a third one,
  press • • [SPLIT].
 4. To measure up to five time periods, repeat the above steps.
 5. To stop the stop watch, press • • [STOP].
 6. To review the results, press ✉ [VIEW].
 7. To return to the stop watch, press • • [Back].
 8. To reset it, press ♫ [RESET].

## ■ WORLD CLOCK

To display the time and date in pre-programmed cities:

❶ Press • • [MENU] 6 MNO , 6 MNO .
❷ Select a city.
❸ The world map appears with the city, its date and time.

• **Use the Navigation Key to select another city.**

As the daylight saving time is not applied, it may be different from the actual time during DST.

❹ To return to the previous page, press • • [BACK].

MEMO

**CHAPTER 5**
**VOICE MAIL AND TEXT**
**MESSAGE**
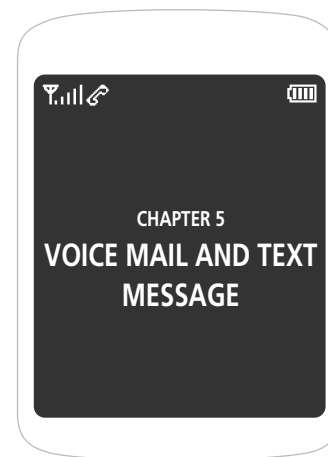
This chapter addresses Voice Mail and Text Messaging or Picture
message functions including:

WHEN A NEW MESSAGE ARRIVES

VOICE MAIL

SEND TEXT MSG

INBOX

OUTBOX

DRAFT

TEMPLATE

ERASE ALL

SETTINGS

**WHEN A NEW MESSAGE ARRIVES**

❶ The following display appears when a new message arrives.

❷ To display the message, press •● [READ].

**VOICE MAIL**

Displays the number of voice mails and accesses them by pressing ✎ .

❶ To access your voice mail, press •● [MENU] **3** ᴰᴱᶠ , **2** ᴬᴮᶜ
or ✉ , **2** ᴬᴮᶜ .

---

**SEND TEXT MSG**

To send a new text message:

❶ Press •● [MENU] **3** ᴰᴱᶠ , **1**. ‚ or ✉ , **1**. ‚ .
❷ Under "Send To" and press ●• [EDIT].
❸ Input the phone number.

> • By pressing •● [MENU], the user can choose from the following:
> **Next** : After inputting the phone number, select a "Next".
> **Find** : Allows the user to search the phone number which is stored in
> the phone book.
> **Save** : Stores the phone number the message was sent to
> **Msg. Group** : Allows to select all the phone numbers in a group.

❹ Under "Message", input a new text message.
(Please refer to page 31 for more details on entering letters, numbers and symbols.)

> • By pressing •● [MENU], the user can choose from the following:
> **Next** : After inputting the text, select a "Next".
> **Insert Quick Text** : Inserts canned text into a Text Msg.
> **Save to Quick Text** : Saves the written sentences into Quick Text.

❺ Press the Navigation Key down for more fields.
Under "Priority", select "Normal", "Urgent" or "Emergency".
❻ Press the Navigation Key down for more fields.
Under "Deferred Delivery", select "Immediate", "30 Minutes", "1 Hour",
"2 Hour", "12 Hour", "1 Day" or "2 Days".
❼ Press the Navigation Key down for more fields.
Under "Delivery ACK", select "On" or "Off".
❽ 8.1. To send the text message, press •● [MENU], select "Send",
then press OK .
8.2. To save the text message press •● [MENU] ,
select "Save Msg" then press OK .

The Inbox manages received text messages. To access:

❶ Press ●● [MENU] **3** DEF , **3** DEF  or ✉ , **3** DEF .

- ✉ : Urgent New Msg (not read)
- ✉ : Urgent Read Msg
- ✉ : New Msg (not read)
- ✉ : Old Msg (already read)
- ✉ : Lock (already read and locked)

❷ Select a message and press OK .
 The message is displayed.
❸ Press ●● [MENU]. To reply to the text message, press OK [REPLY].

**REPLY**

❶ To reply to the text message.
❷ Type your reply and press OK .

**REPLY WITH COPY**

❶ To reply to a received message and include the received message into the message.
❷ The default call back number is automatically inputted into the Default CB# field. You can scroll to the number and edit it.
❸ To send the text message, press ●● [SEND].
❹ To save the text message, press ●● [MENU] and select the "Save Msg" then press OK .

**FORWARD**

❶ To forward the text message, select "Forward".
❷ Input the phone number of the person you are sending the message, then press OK .
❸ Input any text message to go along with the forwarded message, then press OK .
❹ To send the text message, press OK [SEND].

**SAVE TO CONTACT**

❶ To save number to contact, press **4** GHI .

**SAVE TO SAVED**

❶ To save the text message in your phone, press **5** JKL .

**SAVE TO QUICK TEXT**

❶ To save received text msg to "Quick text", press **6** MNO .

**BLOCK SENDER**

❶ To block all incoming messages from addresses on block list, press **7** PQRS .

- **BLOCK** : Enter the address to block.
- **UNBLOCK** : Enter the address to remove from block.
- **VIEW LIST OF BLOCKED ADDRESS** : Displays the blocked list on LCD.

**LOCK & UNLOCK**

❶ To lock or unlock the text message, press **8** TUV .
❷ Select "Lock" to lock the message or "Unlock" to unlock the message, then press OK [OK].

Manages sent text messages or messages waiting to be sent.

■ **CHECKING SENT TEXT MESSAGES**

**3** DEF   **4** GHI

❶ Press ⦁ [MENU] **3** DEF , **4** GHI or ✉, **4** GHI .

-  ⏳  : Auto resend
-  📝  : Fail
-  📋  : Not send
-  📤  : Sent
-  📋  : Canceled

❷ Select a message, then press OK [OK].
The text message is displayed.
❸ Press ⦁ [MENU].

**SEND TO**
❶ To forward the text message, select "Send to".
❷ Input the phone number of the person you are sending the message, then press ⦁ .
❸ Input any text message to go along with the forwarded message, then press ⦁ .
❹ To send the text message, press ⦁ [SEND].

**SAVE TO CONTACT**
❶ To save number to contact, select "Save to Contact".

**SAVE TO SAVED**
❶ To save the text message in your cellular telephone, select "Save to Saved".

**LOCK & UNLOCK**
❶ To lock or unlock the text message, select "Lock & Unlock".
❷ Select "Lock" to lock the message or "Unlock" to unlock the message, then press OK .

**ERASE**
❶ To erase this message, select "Erase".
❷ "Erase This Message?" will be displayed.

**STATE**
❶ To display the status of an outbox message, select "State".
❷ To return to the previous page, press OK .

## ■ DRAFT

Manages saved messages from the Inbox/Outbox.

**●●  3 DEF  5 JKL**

❶ Press **●●** [MENU] **3 DEF** , **5 JKL** or **✉** , **5 JKL** .

❷ Select a text message then press **OK** .
  The text message is displayed.

❸ Press **●●** [MENU].

❹ If the text message is saved from the "Inbox" menu, this screen  will be

  displayed.

- **To select inbox menu :** Reply, Reply with Copy, Forward, Erase,
                            Save to Contact, Save to Quick Text,
                            Lock & Unlock

  If the text message is saved from the "Outbox" menu, this screen
  will be displayed.

- **To select outbox menu :** Resend, Send to, Erase, Save to Contact,
                             Lock & Unlock, State

❺ Select one by pressing **OK** .

## ■ TEMPLATE

To edit the Quick Text message you have saved:

**●●  3 DEF  6 MNO**

❶ Press **●●** [MENU] **3 DEF** , **6 MNO** or **✉** , **6 MNO** .

❷ Select a message from the list. Press **●●** [MENU].
  To add a new Quick Text message, select "Add New".
  To edit the Quick Text message you have selected, select "Edit".
  To erase the saved Quick Text message, select "Edit".

## ■ ERASE ALL

**3** DEF   **7** PQRS

❶ Press  •● [MENU]  **3** DEF ,  **7** PQRS  or  ✉,  **7** PQRS .

❷ 1. To erase all the Inbox messages, press  **1** .₋, .

- **Old ɪnbox :** To erase all messages already read.
  (However, the locked Message(s) will not be deleted).
- **Entire Msg :** To erase all messages.

2. To erase all the Outbox messages, press  **2** ABC .

3. To erase all the Draft messages, press  **3** DEF .

4. To erase all the Template, press  **4** GHI .

## ■ SETTINGS

Manages messaging features through various features.

**3** DEF   **8** TUV

### SAVE SENT MSG

❶ Press  •● [MENU]  **3** DEF ,  **8** TUV ,  **1** .₋,  or  ✉,  **8** TUV ,  **1** .₋, .

❷ Select one from "Off", "On" or "Prompt" with the Navigation Key and
press  OK .

### ALERT
Enables phone to alert you of an incoming message.

❶ Press  •● [MENU]  **3** DEF ,  **8** TUV ,  **2** ABC  or  ✉,  **8** TUV ,  **2** ABC .

❷ Select one of the available alerts and press  OK  to save it.

### AUTO ERASE
Automatically erases inbox/outbox messages when new messages arrive.

**Inbox**

① Press  •● [MENU]  **3** DEF ,  **8** TUV ,  **3** DEF  or  ✉,  **8** TUV ,  **3** DEF .

② Press  **1** .₋, .
Select "Disable" or "Old Inbox" with Navigation Key and press  •● [OK].

**Outbox**

① Press  •● [MENU]  **3** DEF ,  **8** TUV ,  **3** DEF  or  ✉,  **8** TUV ,  **3** DEF .

② Press  **2** ABC .
Select "Disable" or "Old Outbox" with Navigation Key and press  OK .

## DIRECT VIEW

If the Direct View is set to on, the user will be able to view the message by pressing the read key. If the Direct View is set to off, the user can view the message by entering SMS Menu-> Inbox.

❶ Press ●● [MENU] **3** DEF , **8** TUV , **4** GHI  or ✉ , **8** TUV , **4** GHI .

❷ Select "On" or "Off" with the Navigation key and press OK .

- **ON** : Set to read msg without entering inbox in SMS menu.
- **OFF** : Set to read msg after entering inbox in SMS menu.

**CHAPTER 6**
# SAFETY AND WARRANTY
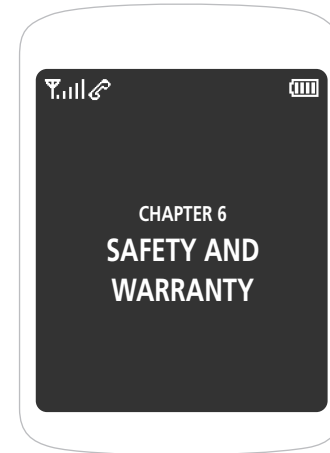
This chapter addresses the safety guidelines and precautions to
follow when operating your cellular telephone.
Before operating your cellular telephone, please be aware of all the safety details.
This chapter contains the terms and conditions of services and the warranty
for your cellular telephone. Please review them thoroughly.

SAFETY INFORMATION FOR WIRELESS

HANDHELD PHONES

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAR INFORMATION

FDA CONSUMER UPDATE

PROTECT YOUR WARRANTY

12 MONTH LIMITED WARRANTY

**Read This Information Before Using Your Handheld
Portable Cellular Telephone**

**EXPOSURE TO RADIO FREQUENCY 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 Commissions (FCC)
adopted RF exposure guidelines with safety levels for handheld
wireless phones. Those guidelines are consistent with the 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 (C951).

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

**ANTENNA CARE**
Use only the supplied or an approved replacement antenna.
Unauthorized antennas, modifications, or attachments could damage
the phone and may violate FCC regulations.

1* : American National Standards Institute.
2* : National Council on Radiation protection and measurements.
3* : International Commission on Nonionizing Radiation Protection.

**DRIVING SAFETY**
Talking on the phone while driving is extremely dangerous and is
illegal in some states.
Remember, safety comes first. Check the laws and regulations on the
use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving, please:

• Give full attention to driving. Driving safely is your first
  responsibility.
• Use hands-free operation, if available.
• Pull off the road and park before making or answering a call,
  if driving conditions so require.

If you must use the phone while driving, please use one- touch,
speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including
both installed or portable wireless equipment, in the area over the
airbag or in the air bag deployment area. If in-vehicle wireless
equipment is improperly installed and the air bag inflates, serious
injury could result.

⚠ **WARNING : Failure to follow these instructions may lead
          to serious personal injury and possible
          property damage.**

### ELECTRONIC DEVICES

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

**PACEMAKERS**

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers :

• ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.

• Do not carry the phone in a breast pocket.

• Use the ear opposite the pacemaker to minimize the potential for interference.

• If you have any reason to suspect that interference is taking place, turn your cellular telephone OFF immediately.

**OTHER MEDICAL DEVICES**

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your cellular telephone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

**POSTED FACILITIES**

Turn your cellular telephone OFF where posted notices so require.

### OTHER SAFETY GUIDELINES

**AIRCRAFT**

FCC and Transport Canada Regulations prohibit using your cellular telephone while in the air. Turn your cellular telephone OFF before boarding an aircraft.

**BLASTING AREAS**

To avoid interfering with blasting operations, turn your cellular telephone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

**POTENTIALLY EXPLOSIVE ATMOSPHERES**

Turn your cellular telephone OFF 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.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or 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's engine.

### PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.

DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.

DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.

DO NOT expose this equipment to rain or spilled beverages.

DO NOT use unauthorized accessories.

DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

DO NOT short-circuit the battery terminals with metal items etc.

 **WARNING! Read this Information before using**

### CAUTIONS

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.
Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.
Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result.
Please contact your local dealer for replacement antenna.

**BODY-WORN OPERATION**
This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0 cm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

**VEHICLE MOUNTED EXTERNAL ANTENNA (OPTIONAL, IF AVAILABLE)**
A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

**NOTE** For more information about RF exposure, please visit  the FCC website at www.fcc.gov

THIS MODEL PHONE MEETS THE GOVERNMENT'S
REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is
designed and manufactured not to exceed the emission limits for
exposure to radiofrequency (RF) energy set by the Federal
Communications Commission of the U.S. Government. These limits
are part of comprehensive guidelines and establish permitted levels
of RF energy for the general population. The guidelines are based on
standards that were developed by independent scientific
organizations through periodic and thorough evaluation of scientific
studies. The standards include a substantial safety margin designed
to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of
measurement known as the Specific Absorption Rate, or SAR. The
SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted
with the phone transmitting at its highest certified power level in all
tested frequency bands. Although the SAR is determined at the
highest certified power level, the actual SAR level of the phone while
operating can be well below the maximum value.
This is because the phone is designed to operate at multiple power
levels so as to use only the power required to reach the network.
In general, the closer you are to a wireless base station antenna, the
lower the power output.

Before a phone model is available for sale to the public, it must be
tested and certified to the FCC that it does not exceed the limit
established by the government adopted requirement for safe
exposure.
The tests are performed in positions and locations (e.g., at the ear
and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at
the ear is 1.33 W/Kg and when worn on the body, as described in this

user guide, is 0.929W/Kg. (Body-worn measurements differ among
phone models, depending upon available accessories and FCC
requirements). While there may be differences between the SAR
levels of various phones and at various positions, they all meet the
government requirement for safe exposure.
The FCC has granted an Equipment Authorization for this model
phone with all reported SAR levels evaluated as in compliance with
the FCC RF exposure guidelines. SAR information on this model
phone is on file with the FCC and can be found under the Display
Grant section of http://www.fcc.gov/ oet/fccid after searching on
PP4PC-7100.
Additional information on Specific Absorption Rates (SAR) can be
found on the Cellular Telecommunications Industry Association
(CTIA) website at http://www.wow-com.com.

* In the United States and Canada, the SAR limit for mobile phones
used by the public is 1.6 watts/kg (W/kg) averaged over one gram of
tissue. The standard incorporates a sub-stantial margin of safety to
give additional protection for the public and to account for any
variations inmeasurements.

**U.S. Food and Drug Administration -Center for Devices and Radiological Health Consumer Update on Wireless Phones**

**1. Do wireless phones pose a health hazard?**
The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

**2. What is FDA's role concerning the safety of wireless phones?**
Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists. Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:
• Support needed research into possible biological effects of RF of the type emitted by wireless phones;
• Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function;
and
• Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.
FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:
• National Institute for Occupational Safety and Health
• Environmental Protection Agency
• Federal Communications Commission
• Occupational Safety and Health Administration
• National Telecommunications and Information Administration
The National Institutes of Health participates in some inter-agency working group activities, as well. FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones. FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

**3. What kinds of phones are the subject of this update?**
The term "wireless phone" refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. U.S. Food and Drug Administration -Center for Devices and Radiological Health Consumer Update on Wireless Phones These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones,"
which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

**4. What are the results of the research done already?**
The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

**5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?**
A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer- causing agent and the time tumors develop - if they do -may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

**6. What is FDA doing to find out more about the possible health effects of wireless phone RF?**
FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs

around the world. The Project has also helped develop a series of public information documents on EMF issues. FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA)
to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.
CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

**7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?**
All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your cellular telephone so you can find your phone's RF exposure level in the online listing.

**8. What has FDA done to measure the radiofrequency energy coming from wireless phones ?**
The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leader-ship of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of
the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

**9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?**
If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.
• If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.
Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

**10.What about children using wireless phones?**
The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

**11.What about wireless phone interference with medical equipment?**
Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000. FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to
occur, FDA will conduct testing to assess the interference and work to resolve the problem.

**12.Where can I find additional information?**
For additional information, please refer to the following resources:
• FDA web page on wireless phones (http://www.fda.gov/cdrh/ phones/index.html)
• Federal Communications Commission
(FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)
• International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)
• World Health Organization (WHO) International EMF Project (http://www.who.int/emf)
• National Radiological Protection Board (UK) (http://www.nrpb.org.uk/)

**PROTECT YOUR WARRANTY**

Read your Warranty carefully, with the special consider-ation to paragraph seven of the Limited Warranty for your unit.

"Warranty does not apply to... or to any product or part there of which has suffered through alteration... mishanding misuse, neglect or accident".

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the product Be careful. Some of these products may not be compatible to use with your prod-uct and may damage the unit or cause it to malfunction. It service is required on your unit and it is determined that a non-Hyundai accessory has created the problem with your unit the Warranty with not apply. In addition if the unit has already suffered irreversible damage by rea-son of a non-compatible accessory the Warranty will be voided. To protect your Warranty use only compatible accessories which cannot damage or interfere with the functioning of your product.

**HYUNDAI**

HYUNDAI HELP LINE : 1800 224 537

**12 MONTH LIMITED WARRANTY**

HYUNDAI COMMUNICATIONS CORP. (the Company). war-rants to the original retail purchaser of this HYUNDAI Portable Cellular Telephone, that should this product or any part there of (except the items listed below), under normal use and condi-tions, be proven defective in material or workmanship within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The accessories consisting of antenna, rechargeable battery pack and mains charger have a six (6) months warranty from original purchase date.

This Warranty does not apply to batteries, fuses, or costs incurred for testing or checking, or to any product or part here-of which has suffered through alteration, serial number deface-ment, improper installation, excessive temperature or humidity, environmental conditions, mishandling misuse, neglect or acci-dent. This Warranty is not assignable or transferable.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of warranty coverage and specification of defect(s) to the nearest Authorised Service Centre.

📖 For your nearest Authorised Service Centre please contact Hyundai Customer Service on
**NOTE** 1 800 224 537 (Australia only) or visit our website www.curitel.com.

HYUNDAI Help Line : 1800 224 537
THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACE-MENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

The Company disclaims liablity for geographic coverage, inade-quates signal to antenna, communications range or operation of the Cellular System as a whole.

**SAFETY
AND WARRANTY**    **12 MONTH LIMITED WARRANTY**

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY SHALL
BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF
ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF
MECHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF
ORIGINAL PURCHASE IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL
OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR
IMPLIED, WHATSOEVER.

No person or representative is authorized to assume for the Company any liability other than
expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or
limitation of incidental or consaquential damage so the above limitation or exclusions may not
apply to you.
This Warranty gives you specific legal rights, and you may also have other rigths which vary from
state to state.

HYUNDAI Help Line : 1800 224 537

**MODEL : PC-7100**