PANTECH

alltel
wireless

Pantech Wireless,Inc.

www.pantechusa.com

USER GUIDE

PN-218

Camera with Flash
Speakerphone
Axcess Apps*

USER MANUAL

5U010233000

CTIA Certified

Safety: Your most important call
The Wireless Industry Reminds You To Use Your Phone Safely While Driving

Alltel has been awarded:
WIRELESS
Consumer Information Code
QUALITY

WELCOME

Thank you for choosing the PN-218 camera phone.
This new mobile handset features dual LCD screen displays
with a unique landscape-oriented main screen. There is a 262K
color 1.8″ TFT display on the inside, and a smaller 65K 1.0″
sub-display on the outside. The landscape view on the main
screen will provide users with a customary format in which to
view text messaging and menu options, but also allows for a
better gaming and browsing experience. The outer display
allows users to quickly view incoming calls, message alerts and
date/time functions. Utilizing the CDMA2000 1x networks with
a QUALCOMM® MSM6050 chipset that is GPSOne™ capable,
this phone allows for high-speed communication services such
as wireless Internet access, messaging and image
transmissions. The phone's built-in 330K pixel camera also
includes auto flash and zoom.
Equipped with today's latest features, this phone is Mobile
Web 2.0 enabled and features Axcess Apps, which allows
users to download ringtones, wallpapers, screensavers, games
and more to their phone. In addition, it has CMX 32 polyphonic
ringers and supports two-way short, enhanced and multimedia
messaging services. This phone also contains user-friendly
features such as a built-in speakerphone and voice activated
dialing for hands-free operation, T9 predictive text input for
easy text entries, is TTY compatible and supports English and
Spanish languages.

IMPORTANT INFORMATION

This PN-218 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.

TABLE OF CONTENTS

"Licensed by QUALCOMM Incorporated under one or more of the following Patents : U.S.Patent No. 4,901,307 U.S.Patent No. 5,056,109 U.S.Patent No. 5,099,204 U.S. Patent No. 5,101,501 U.S. Patent No. 5,103,459 U.S. Patent No. 5,107,225 U.S.Patent No. 5,109,390."

Chapter 1

BEFORE USING YOUR PHONE

■ INSIDE THE PACKAGE

■ HANDSET DESCRIPTION

■ BATTERY USAGE

■ BATTERY HANDLING INFORMATION

INSIDE THE PACKAGE

This package should include all items shown below.
If any of the items is missing or different, immediately contact the
retailer where you purchased the phone.

Handset
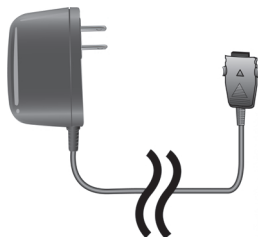
AC Travel Charger

User Manual

Standard Battery

HANDSET DESCRIPTION

The PN-218 weighs 3.84 oz. The dimensions are 3.02" x 2.15" x .96".

Antenna

Camera Lens

Camera Flash

Headset Jack

Camera Button

Earpiece

Volume Key

LCD Screen

Function Keys
(Associated with
Soft Keys)

Navigation Key

END/
Power Key

Send Key

Microphone

HANDSET DESCRIPTION
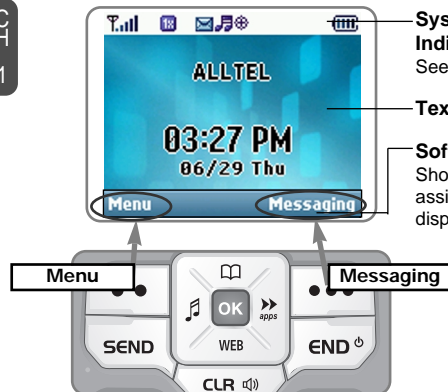
System Status Bar Indicator Display Area
See page 9 for a list of icons.

Text & Graphic area

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

Menu

Messaging

Contacts

Ringtone

Axcess Apps
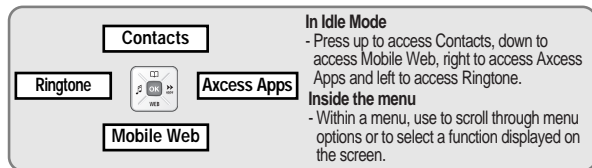
Mobile Web

In Idle Mode
- Press up to access Contacts, down to access Mobile Web, right to access Axcess Apps and left to access Ringtone.

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

SEND	Press to make or receive a call.
END	Press to turn the phone on/off, to terminate a call or to return to the initial page.
(Left Soft Key)	Press to access the main menu or function displayed on bottom line of the screen.
(Right Soft Key)	Press to access the message menu or function displayed on bottom line of the screen.
CLR	Press to clear a digit from the display or to return to the previous page. Press and hold to enable speaker phone mode.
SHIFT	Press and hold to enter etiquette (silent) mode.
SPACE	Press and hold to enter lock mode.

HANDSET DESCRIPTION

SYSTEM STATUS BAR INDICATOR DISPLAY AREA

Signal Strength
The more lines, the stronger the signal.

Roaming
Phone is out of home area.

Voice Privacy
Indicates Voice Privacy mode, with enhanced encryption.

Dormant
Indicates your phone is in a dormant state during a data call. Your phone goes to Dormant mode when you have not had any activity on a page for some time - your connection is still active and you can make and receive calls.

No Service
Indicates the phone cannot receive a signal from the system.

Mute
Indicates the phone is in Mute mode or the microphone is off.

Scratch Pad
Display when scratch pad is in use during a call.

TTY
Indicates your phone is active in TTY mode.

GPS Icon
Indicates the Location Service of your phone is disabled/enabled.

Locked
Indicates your phone is locked.

Battery
Battery charging level — the more blocks, the stronger the charge.

Headset Mode
Indicates your phone is activated in hands free mode.

Alarm
Appears when either a calendar or an alarm is set.

Vibrate Only
The phone will vibrate when a call is received.

All Off
Indicates the ringer volume is set to off.

1X Service
1X Mode indicates that the phone is supporting data transmission up to 144 Kbps (kilobits per second).

Voicemail
Indicates you have voicemail messages.

New Messages
Indicates you have new Text or voice messages.

UP Browser
Phone is in the progress of UP Browser.

Data Only
Receives an asynchronous call as a voice call.

Fax Only
Receives a fax call as a voice call.

Speakerphone
The phone is in speakerphone mode.

Auto Answer
The phone is in answering machine mode.

BATTERY INSTALLATION

1 ❶ Place the battery on the back of the handset and slide into place. ❷ Push the battery down until it locks into place.
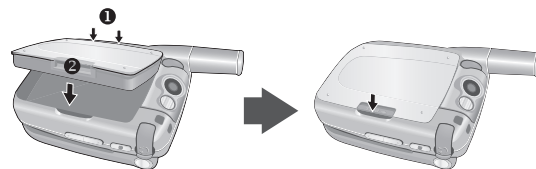
BATTERY REMOVAL

1 ❶ Pull down the release latch, lift up the battery and ❷ remove the battery from the handset.
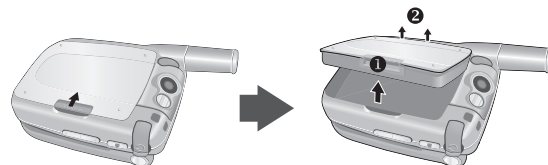
NOTE *If the battery is not correctly placed in the compartment, the handset will not turn on and/or the battery may detach during use.*

⬤ BATTERY CHARGING

POWER CONNECTION

1 Plug the AC Charger into a standard outlet.

2 Plug the other end of the AC Charger into the bottom of your phone. The battery must be installed onto the phone.
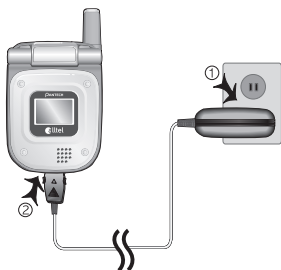
NOTE
- *When you charge the battery with the phone power off, you will see a charging status screen. You cannot operate the phone until it is powered on.*
- *The battery is not charged at the time of purchase.*
- *Fully charge the battery before use.*
- *It is more efficient to charge the battery with 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.*

BATTERY USAGE TIMES

The usage time or talk time is subject to your distance from the cell base station that communicates with your phone. The farther you are, the more power your phone will consume. It is also subject to the types of frequency band its operating in. Below is a chart distinguished between the DCS (1800 MHz) and PCS (1900 MHz) mode.

Battery Capacity	DCS	PCS
STD 1000 mAh	Up to 207 Minutes	Up to 160 Minutes
EXT 1350 mAh	Up to 282 Minutes	Up to 270 Minutes

BATTERY STANDBY TIMES (FOR NEW BATTERY)

The standby time is subject to the condition of your battery and how much charge it has. Extreme hot or cold temperature will also reduce your battery charge. Below is a chart distinguished between the DCS (1800 MHz) and PCS (1900 MHz) mode for a new battery.

Battery Capacity	DCS	PCS
STD 1000 mAh	Up to 190 Hours	Up to 172 Hours
EXT 1350 mAh	Up to 326 Hours	Up to 293 Hours

NOTE
- *These times are for a new battery. Usage and Standby time may decrease over time.*
- *Talk time for the standard battery: about 207 minutes. Standby time for the standard battery: about 190 hours.*

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DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- 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.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This will damage the battery.
- Don't expose 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 or it may explode.

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Chapter 2

BASIC OPERATION

TURNING THE PHONE ON / OFF

TURNING THE PHONE ON

1 Press [END] to turn on the phone. The "alltel" logo appears and the tone sounds.

(!) • *To select a logo, refer to page 63 for more details. (Settings>Display>Graphics>Power On).*
• *If your phone is locked, "Password" appears on the display. Enter your 4-digit password to unlock your phone. The default password is the last 4 digits of your phone number.*

TURNING THE PHONE OFF

1 Press and hold [END] , until your "alltel" logo appears.

ACCESSING THE MENU

Your phone can be customized via the menu. You can access the function in the menu by scrolling with the Navigation Key or by pressing the number that corresponds with the menu item.

1. Contacts	6. Media Gallery
2. Recent Calls	7. Settings
3. Messaging	8. Tools
4. Axcess Apps	9. Camera
5. Mobile Web	
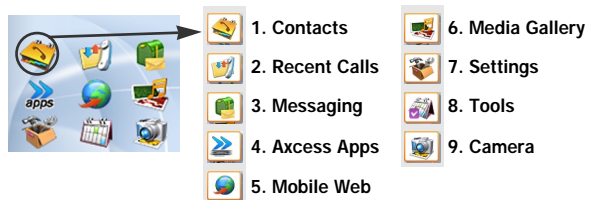
1 To access the menu in the idle mode, press [••] [MENU].

2 Press the Navigation Key up, down, left or right to scroll through the menu options.

3 To return to the previous page, press [CLR]. To exit the current menu and return to the idle mode, press [END] .

4 Press [OK] to enter a function that you have selected or press its assigned number.

(NOTE) *Quick Keys*
In the idle mode, you can quickly access the functions by pressing on the Navigation Key as follows:
• *Up : Contacts*
• *Down : Mobile Web*
• *Right : Axcess Apps*
• *Left : Ringtone*

1. Contacts

1. Find
   1. By Name
   2. By Number
2. Add New
3. Group
4. Speed Dial
5. Msg. Group
6. My Phone #

2. Recent Calls

1. All Calls
2. Missed Calls
3. Received Calls
4. Dialed Calls
5. Call Timers
   1. Last Call
   2. All Calls
   3. Home Calls
   4. Roam Calls
   5. Cumulative Calls
6. Data Calls
   1. Received
   2. Transmitted
   3. Total

3. Messaging

1. New Text Msg
2. New Photo Msg
3. Voice Mail
4. Inbox
5. Outbox
6. Web Alerts
7. Saved
8. Quick Text
9. Erase All
   1. Inbox
     1. Read Msg
     2. Read & Unread Msg
   2. Outbox
   3. Saved
10. Settings
   1. Auto Save
     1. Save sent MSG
     2. Photo receive
   2. Auto Erase
     1. Inbox
     2. Outbox
   3. Default Callback
   4. Edit Voice C.B
   5. Remind
   6. Edit Signature
   7. Direct View
   8. Entry Mode
   9. Block or Unblock
     1. Block
     2. Unblock
     3. View List of Blocked Addresses

4. Axcess Apps

1. Axcess Apps

5. Mobile Web

1. Connect web

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6. Media Gallery

1. Images
   1. Graphics
   2. Animations
2. Photos
3. Tones
4. Shuffle
   1. Wallpaper
   2. Ring Tones

7. Settings

1. Sounds
   1. Ringer Type
     1. Ringer
     2. Messages
     3. Voice Mail
   2. Volume
     1. Ringer
     2. Key Tone
     3. Voice Call
     4. Speaker Phone
   3. Alert
     1. Minute
     2. Roam
     3. Connect
     4. Fade
     5. On/Off Tones
   4. Roam Ringer
   5. Tone Length
   6. Etiquette
2. Display
   1. Graphics
     1. Wallpaper
     2. Power On
     3. Power Off
     4. Received
     5. Dialed
     6. Screen Saver
   2. Sub Screen
   3. Greeting Message
   4. Contrast
   5. Backlight
3. Data Service
   1. Connection
   2. WAP/BREW
4. Security
   1. Phone Lock
   2. Restrict
     1. Dialed
     2. Recent Calls
     3. Camera
     4. Data Call
     5. 900#s
     6. Long Distance
   3. Change Code
   4. Special # s
     1. 911
     2. *911
     3. #911
   5. Erase All
   6. Reset Phone
   7. 1X Password
     1. PAP User ID
     2. PAP Password
5. Restrictive Dialing
   1. Set On/Off
   2. Change Special Code
6. Others
   1. Answer Options
     1. Call Answer
     2. Active Flip
     3. Auto Answer
   2. Auto Retry
   3. Language

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	7. System	4. Voice Privacy 5. TTY Mode 6. Location 1. Set Mode 2. Nam Setting	1. Auto NAM 2. Change NAM
	8. Phone Info	3. PRL ID 4. ERI Banner 1. S/W Version 2. H/W Version 3. Axcess Version	
	9. Airplane Mode		
8. Tools	1. Voice Service	1. Voice Memo	1. Record 2. Play 3. Play Speaker 4. Erase All
		2. Voice Dial	1. Record 2. Play 3. Play Speaker 4. Erase All
		3. Train Words	1. Yes 2. No 3. Wake-Up 4. Undo Train All
		4. Voice Setting	Set Active HFK Mode
	2. Schedule	1. Add New Plan 2. View Plan	
	3. Alarm	1. Alarm 1 2. Alarm 2 3. Alarm 3	
	4. Memo Pad	1. Add Memo 2. View Memo 3. Settings	
	5. Calculator 6. World Clock 7. Stop Watch		
9. Camera	1. Take Photo 2. Photo Gallery 3. Photo Message	1. New Photo 2. Saved Photo	
	4. Help		

MAKING A CALL

1 Enter a phone number using the number key pad or select a number from the contact list.

> **NOTE**
>
> *Editing the phone number you have entered :*
> - *To erase one digit at a time press ⌧ .*
> - *To erase the entire number, press and hold ⌧ .*
>
> *Finding the phone number with your contact list :*
> - *Enter a part of the phone number, then press ⋯ [FIND], to display your contact list.*
>   *If name field of the contact list entry is empty, the highest priority phone number will be displayed. If name and phone number fields are empty, e-mail address will be displayed.*
>
> *Sending a text or photo message with phone number :*
> - *Enter a part of the phone number, then press ⋯ [MENU], select "Send Text Msg or Send Photo Msg."*
>   *Refer to page 105 or page 106 for more details on "Send Text Msg or Send Photo Msg".*

2 Press ⌨ to make the call.
This icon 📶 will appear on the display.

> **NOTE**
>
> - *If "CALL FAILED" appears on the display or the line is busy, press ⌫ or ⌨ .*
> - *If you activate the "Auto Retry" function, the phone will automatically retry for the number of times you have selected. (Refer to page 75).*
> - *When you place or receive a call from stored phone numbers, both the name or phone number will be displayed.*
> - *Another way to make a call is through the VR mode, which is called "VAD (Voice Activated Dialing)".*
>   *Refer to page 97 (Voice Service) for more details.*
> - *If "Enter Lock Code" appears on the display, enter your 4 digit password to unlock your phone.*

3 To end a call, press ⌫ .

ANSWERING CALLS

1 When your phone rings or vibrates, press 🔘
to answer the incoming call.
(Depending on your phone's settings, you may
also answer incoming calls by opening the flip
or by pressing any digit key.)

NOTE *To ignore incoming calls, press* 🔘 *[IGNORE].*

2 To end a call, press 🔘 .

SPEAKER PHONE

The speaker phone feature lets you hear through the speaker and talk
without holding the phone.

1 To turn the speaker phone on/off while in idle,
answering or calling modes, press and hold 🔘 .

2 The phone returns to normal (Speaker Phone Off)
after ending a call or when the phone is turned off
and back on.

HARD/TIMED PAUSE FEATURE

Pauses are used for automated systems (e.g., 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.

1 To insert a hard/timed pause, enter a phone
number then press 🔘 [MENU]. Select either a
Hard Pause ("P") or a Timed Pause ("T").

- **Hard Pause** : Inserting a "Hard Pause" means that the caller
has to press the "Send" key before the dialing
continues.
- **Timed Pause** : Inserting a "Timed Pause" suspends the
dialing for 2 seconds before the dialing
continues.

2 Press 🔘 to dial or 🔘 to save.
(Refer to page 30 for more details about
storing a phone number.)

ANSWERING A CALL

1 To answer a call, press any key except 🔘 , 🔘 ,
🔘 , 🔘 , 🔘 or 🔘 .

- See page 74 for more information on setting answering call
options.

2 To end the call, press 🔘 .

3-WAY CALLING

With 3-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be applied for each of the two calls.

1 Enter a number you wish to call then press ✉ .

2 Once you have established the connection, enter the second number you wish to call then press ✉ .

3 When you're connected to the second party, press ✉ again to begin your 3-Way call.

NOTE

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all three callers are disconnected.

CALLER ID FUNCTION

Your phone can identify a caller by displaying his or her phone number. If the caller's name and number are already stored in your phone book, the name or number will appear. The caller ID is then stored in the call history.

CALL WAITING FUNCTION

This 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.

1 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. Contact your service provider for details, if you don't have this feature.

ADJUSTING VOLUME

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

1 Press ⋯ [MENU] 7 1 2 then select one of the following.

- **Ringer** : Controls the ringer volume.
- **Key Tone** : Controls the keypad tone.
- **Voice Call** : Controls the earpiece volume.
- **Speaker Phone** : Controls the speaker volume.

2 Adjust volume then press [OK] to save it.

NOTE

- *When you are on a voice call, the side up/down volume key will raise/lower the earpiece or headset volume respectively.*
- *To adjust master volume, press the side up/down key when phone is in idle mode.*

ENTER LOCK MODE

1 To lock the phone, press and hold ⊞ .

2 To unlock the phone, press ✉ or ⋯ [UNLOCK], input your password.

To display menu options during a call, press ⬚ [OPTIONS].

SEND TEXT MSG

To send a Text message (SMS) during a call.

1 Press ⬚ [MENU] ①.

MUTE/UNMUTE

With mute activated, the caller cannot hear you or any sounds from your side but you can still hear them. The microphone is turned off.

1 Press ⬚ [MENU] ②.

- To deactivate, press ⬚ [MENU] ②. The microphone is turned back on.
- The phone will automatically become normal in Emergency Call or Callback mode.

SEND DTMF

Depending on your pager service, to transmit your phone number to a pager during a call:

1 Press ⬚ [MENU] ③.

VOICE PRIVACY

When Voice Privacy is set to ON, the security for the voice call is increased with enhanced encryption.

1 Press ⬚ [MENU] ④.

LOCATION

Enables the network to locate your current location through Global Positioning System (GPS). (Refer to page 77 for more details.)

1 Press ⬚ [MENU] ⑤.

CONTACTS

To select a phone number in your internal Contact List.

1 Press ⬚ [CONTACTS].

CH 2

911 IN LOCK MODE

911 call service is available even in the lock mode.

1 Enter "911" then press [SEND].

2 The call connects.

3 After the call ends, the phone maintains the emergency mode for 5 minutes.

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

911 USING ANY AVAILABLE SYSTEM

1 Enter "911" then press [SEND].

2 The call connects.

3 After the call ends, the phone maintains the Emergency Mode for 5 minutes.

● 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.

NOTE *The 911 call is not recorded in the recent calls list.*

Chapter 3

MEMORY FUNCTION

CH 3

■ STORING A PHONE NUMBER

■ ENTERING LETTERS, NUMBERS & SYMBOLS

The phone book stores up to 300 entries.

1 Enter a phone number, press [OK] [SAVE] then choose "New Contact" or "Existing Contact". Press [OK] to select.

2 If "New Contact" is selected, the phone number will appear above a list. Press the Navigation Key left or right to choose the type of number you're adding, as indicated by the icon. Press [OK] to select. If "Existing Contact" is selected, your contact list is displayed. Choose the entry to add the phone number to, then press [OK] . You will then see the phone number listed with the entry. Press [OK] to select.

3 Enter a name, and press [OK] . Press the Navigation Key down to select other options (Mobile1.2, E-mail1.2, etc...). (You can change the input mode by pressing [...] [Abc]. Refer to page 31 for more details on entering letters, numbers, & symbols.)

4 To store the entry, press [...] [SAVE]. "New contact added!" or "Contact edited!" will be displayed.

CH 3

The input mode (Alpha editor) will automatically be activated when you are prompted to enter letters and numbers. 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. To change the input mode, press [...] [Abc], then enter letters and numbers select one of the four mode.
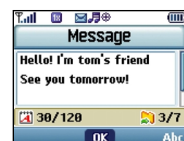
Input mode indicator
T9Word : T9 mode
Abc : Abc mode
NUM : Number mode
Symbols : Symbol mode

CH 3

The following table list the function assigned to each key in the Alpha Editor.

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

STANDARD INPUT MODE

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

1 Enter letters using the key pad as follows:

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

For the symbols (.1 @ ? ! - , & : '),
press repeatedly.

2 To insert a space, press . The cursor will automatically move to the next space.

3 Repeat until letters are entered.
There is a 16-letter limit.

4 To delete one digit at a time, press .
If you press and hold , it will delete a word or a whole number at a time.

5 To change from lowercase to uppercase,
press to select ABC (all capital letters), abc (all lowercase letters), or Abc (capital letter on first letter of the word).

T9 INPUT MODE

The T9 input mode incorporates a built-in dictionary to determine a common word based on the characters you have typed. If the word is not what you want, you can scroll through the common words that are stored in the built-in dictionary.

1 To use the T9Word input mode, press the [Abc] and select T9Word.

2 Type the word using the digit key pad. Each time you type in a letter, the built-in dictionary determines a common word. Type all the letters until you are done with the word.

3 After typing the word, the built-in dictionary determines a common word that matches your entered characters. To view the next matching word, press .

4 When you see a matching word and you want to accept it, enter a space by pressing .

e.g.

To enter "Fun fare" using the T9 input mode.

- Press [Abc] and select T9 mode. Press to choose between T9word (all lower case letters), T9WORD (all capital letters), or T9Word (first letter is capitalized.)

- Press and you will see "Fun" highlighted. Press to accept it.

- Press and you will see "ease" highlighted. Press to see the next matching word; press until you see "fare". To accept the matching word, press .

NUMERIC MODE

This mode allows you to enter the numbers according to your digit key pad.

1 Press ⊡ [Abc] and select "NUM".

2 To enter a number, press the digit key corresponding to the number.

SYMBOL MODE

This mode allows you to enter symbols that are not shown on the digit key.

1 Press ⊡ [Abc] and select "Symbols".

2 A list of symbols will be displayed. Use the Navigation Key to highlight the symbol you want, then press ⌧ to accept it.

Press [⬅ 🔳 ➡],

or

Press [🔳].

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Chapter 4

MENU FUNCTION

CH
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■ CONTACTS
■ RECENT CALLS
■ AXCESS APPS
■ MEDIA GALLERY
■ SETTINGS
■ TOOLS
■ CAMERA

This phone can store up to 300 contacts. Each of which can be assigned to a group. The contacts can be retrieved by name, phone number or group.

● FIND

Press 🔼 to look up a contact by name and make the call by simply pressing [SEND] .

FIND BY NAME

This will list the contacts' name in alphabetical order, so you can locate it quickly.

1 Press ⚬⚬ [MENU]①①① or 🔼 .

2 The list of names in your phone book is displayed alphabetically.

3 Enter a name or character string or scroll through the list with the Navigation Key. If you need to change the input mode, press ⚬⚬⚬ [Abc].

4 The list jumps to the name with the letter(s) that you enter. You can highlight an entry and press [OK] to edit it. Certain entries have more options when you press ⚬⚬ [MENU]. These options are as follows:

> ● Contact has a mobile phone number, your options will be 1. Send Text Msg, 2. Send Photo Msg, 3. Prefix or 4. Erase.
> ● No mobile number is saved for the contact, your options will be 1. Prefix, 2. Erase.
> ● Only an email or web address is saved for the contact, your options will be 1. Send Text Msg, 2. Send Photo Msg or 3. Erase.
> ● If the entry is set to secret, you will be asked for your password.

(Refer to page 105 or page 106 for more details on "New Text Msg" & "New Photo Msg".)

5 After scrolling through the list and highlighting the contact, press [SEND] to make the call.

FIND BY NUMBER

Use this to display the contacts in your phone in numerical order, so you can locate the contact quickly.

1 Press ⚬⚬ [MENU]①①②ABC .

2 The list of phone numbers saved in your phone book will be displayed in numerical order.

3 Enter a part of 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.

4 The list of phone numbers matching what you entered is displayed. You can highlight an entry and press [OK] to edit it. Certain entries have more options when you press ⚬⚬ [MENU]. These options are as follows:

> ● Contact has a mobile phone number, your options will be 1. Send Text Msg, 2. Send Photo Msg, 3. Prefix or 4. Erase.
> ● No mobile number is saved for the contact, your options will be 1. Prefix, 2. Erase.
> ● Only an email or web address is saved for the contact, your options will be 1. Send Text Msg, 2. Send Photo Msg or 3. Erase.
> ● If the entry is set to secret, you will be asked for your password.

(Refer to page 105 or page 106 for more details on "New Text Msg" & "New Photo Msg".)

5 After scrolling through the list and highlighting the number, press [SEND] to make the call.

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ADD NEW

Use this to add new contacts to your phone book.

1 Press ⸬ [MENU] 1️⃣ 2️⃣ .

2 The Contact screen appears. Enter the name and press ⦿ . Scroll down with the Navigation Key to enter information for the other phone book fields.

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

Refer to page 31 for more details on entering letters, numbers & symbols.

3 3.1 To save the entry, press ⸬ [SAVE].

3.2 To return to the previous page, press ⟨CLR⟩ .

GROUP

Group allows you to organize your contacts in categories called groups. Existing groups include Personal, Business, Etc. and All. A maximum of seven groups is allowed.

ADD NEW GROUP

1 To add a new group, press ⸬ [MENU] 1️⃣ 3️⃣ .

2 Press ⸬ [MENU] to select "Add Group".

3 Input a new group name.

4 Press ⦿ to save it.

> NOTE
> *To add a contact to a group, select the name of the group from the Group field when you add or edit the phone book entry.*

CHANGE GROUP NAME

1 Press ⸬ [MENU] 1️⃣ 3️⃣ .

2 Select an existing group name.

3 Press ⸬ [MENU] and select "Rename".

4 Input a new group name.

5 Press ⦿ to save it.

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

ERASE GROUP

1 Press ⸬ [MENU] 1️⃣ 3️⃣ .

2 Select an existing group name.

3 Press ⸬ [ERASE] to delete it.

4 Press ⦿ to erase it.

> NOTE
> • *The default group names (All, Personal, Business, Etc.) cannot be erased.*
> • *When executing erase group, the saved entries are moved to the Etc. group.*

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SPEED DIAL

Speed dial allows you to quickly make a call by simply pressing one or two digit numbers that are assigned to the contact in your phone.
In the idle mode, to place a speed dial call, press and hold the location number on the key pad. For a 2-digit location number, press the first number, and then press and hold the second number.

1 Press ⊡ [MENU] 1️⃣ 4️⃣ .

2 To assign a contact to a speed dial, first select an "Unassigned" location number, then press 🆗 [SET].

● If a phone number is already assigned to the location, press ⋯ [ERASE] and 🆗 to delete.

3 The contact list appears. Use the Navigation Key to select a contact and then press 🆗 .

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

4 "Speed Dial # X edited" will be displayed and your contact is assigned to a speed dial #.

MSG. GROUP

Message Group allows you to create a group of up to 10 phone numbers or contacts. It is useful when you want to send a message to more than one person at a time. A maximum of five groups is allowed.

ADD NEW MSG. GROUP

1 To add a new group, press ⊡ [MENU] 1️⃣ 5️⃣ .

2 Press ⊡ [MENU] and select "Add Group".

3 Input a new group name.

4 Press 🆗 to save it.

> NOTE
> *To add contacts to a Msg group, press ⋯ [MENU] 1️⃣ 5️⃣ , select the Msg group, then press 🆗 . Choose an "Unassigned" location for each contact, then press 🆗 [SET]. Highlight from the list of contacts and then press 🆗 . You can assign up to 10 contacts for each group.*

CHANGE MSG. GROUP NAME

1 Press ⊡ [MENU] 1️⃣ 5️⃣ .

2 Select an existing group.

3 Press ⊡ [MENU] to select "Rename".

4 Input a new group name.

5 Press 🆗 to save it.

SEND TEXT MSG. GROUP

This function allows you to send a text message to a group at a time, making it convenient and efficient to send a message to multiple people.

1 Press ⌀ [MENU] ⓵ ⓹ .

2 Scroll to a group name using the Navigation Key.

3 Press ⌀ [MENU] and select "Send Text Msg".

4 Scroll down to select the Message field. Enter the message you want to send and press ⓸ .

5 5.1. To send the text message, press ⌀ [MENU], select "Send", then press ⓸ .

5.2. To save the text message, press ⌀ [MENU], select "Save to Outbox", then press ⓸ .

Refer to page 105 for more details on "New Text Msg".

SEND PHOTO MSG. GROUP

This function allows you to send a photo message to a group at a time, making it convenient and efficient to send a photo message to multiple people.

1 Press ⌀ [MENU] ⓵ ⓹ .

2 Scroll to a group name using the Navigation Key.

3 Press ⌀ [MENU] and select "Send Photo Msg".

4 Scroll down to Input a "Message", "Subject". Press ⓸ when done.

5 To send the picture message, press ⌀ [MENU], select "Send", then press ⓸ .

Refer to page 106 for more details on "New Photo Msg".

ERASE MSG. GROUP

Erasing the Message Group will only remove the group from your list. Your contacts will still be saved.

1 Press ⌀ [MENU] ⓵ ⓹ .

2 Select an existing group name.

3 Press ⌀ [ERASE] to delete it.

4 Press ⓸ to erase it.

MY PHONE

To display your phone number and service provider:

1 Press ⚬⚬ [MENU] 1️⃣ 6️⃣.

2 To return to the previous page, press ⌞OK⌝ .

Recent Calls menu shows activities of your calls.
They include: All Calls, Missed Calls, Received Calls, Dialed Calls,
Call Timers and Data Calls. Press ⚬⚬ [MENU] 2️⃣ .

ALL CALLS

All Calls displays information about the most recent missed, received
and dialed calls. It can store a maximum of 60 most recent calls.

1 Press ⚬⚬ [MENU] 2️⃣ 1️⃣ .

NOTE
- *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.*

2 To view the detail of each call, highlight the call, and press ⌞OK⌝ .

NOTE
Call details include type of call, date, time and phone number.

3 Press ⚬⚬⚬ [ERASE] to delete it or press ⚬⚬ [MENU] to see the options below:

- Save: Store the phone number in your phone book.
- Prefix: Add a prefix like an area code or international code to the number.
- Send Text Msg: Automatically insert the number for text messaging.
- Send Photo Msg: Automatically insert the phone number for photo messaging.
- Erase All: Erase all recent calls history.

NOTE
After the 60 received, dialed or missed calls, the oldest call will automatically be erased from the history.

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MISSED CALLS

Missed Calls displays information about the 20 most recently calls that you did not answered. You can place a call to a recently missed call number by simply pressing [SEND] .

1 Press [···] [MENU] [2ABC] [2ABC] .

NOTE
- *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.*

2 To view details about each Missed Call, highlight it, and press [OK] .

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

3 Press [···] [ERASE] to delete it or press [···] [MENU] to see the options below:

- Save: Store the phone number in your phone book.
- Prefix: Add a prefix like an area code or international code to the number.
- Send Text Msg: Automatically insert the number for text messaging.
- Send Photo Msg: Automatically insert the phone number for photo messaging.
- Erase All: Erase all missed calls history.

NOTE *After 20 missed calls, the oldest call will automatically be erased from the history.*

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RECEIVED CALLS

Received Calls displays information about the 20 most recently answered calls. You can place a call to a recently received call by simply pressing [SEND] .

1 Press [···] [MENU] [2ABC] [3DEF] .

NOTE
- *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.*

2 To view details about each incoming call, highlight it, and press [OK] .

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

3 Press [···] [ERASE] to delete it or press [···] [MENU] to see the options below:

- Save: Store the phone number in your phone book.
- Prefix: Add a prefix like an area code or international code to the number.
- Send Text Msg: Automatically insert the number for text messaging.
- Send Photo Msg: Automatically insert the phone number for photo messaging.
- Erase All: Erase all received calls history.

NOTE *After 20 received calls, the oldest call will automatically be erased from the history.*

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DIALED CALLS

Dialed Calls displays information about the 20 most recently dialed numbers. You can place a call to a recently dialed call by simply pressing [SEND] .

1 Press [MENU] 2ABC 4GHI .

NOTE
- *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.*

2 To view details about each dialed call, highlight it, and press OK .

NOTE
Call details include type of call, date, time and phone number.

3 Press [ERASE] to delete it or press [MENU] to see the options below:

- Save: Store the phone number in your phone book.
- Prefix: Add a prefix like an area code or international code to the number.
- Send Text Msg: Automatically insert the number for text messaging.
- Send Photo Msg: Automatically insert the phone number for photo messaging.
- Erase All: Erase all dialed calls history.

NOTE
After 20 dialed calls, the oldest call will automatically be erased from the history.

CALL TIMERS

Call Timers allows you to check the usage time. The five timers include Last Call, All Calls, Home Calls, Roam Calls, and Cumulative Calls.

LAST CALL

This shows the usage time of the last call.

1 Press [MENU] 2ABC 5JKL 1 .

2 To return to the previous page, press OK .

ALL CALLS

This shows the usage time of all incoming and outgoing calls, excluding web access calls.

1 Press [MENU] 2ABC 5JKL 2ABC .

2 Select the following items:

- Voice Call
- Data/Fax Call

3 To return to the previous page, press OK .

HOME CALLS

This shows the usage time of all calls made within the Home area. Home Calls are calls within your system coverage area that exclude roaming.

1 Press [MENU] 2ABC 5JKL 3DEF .

2 Select the following items:

- Voice Call
- Data/Fax Call

3 To reset the timer, press [RESET].
To return to the previous page, press OK .

ROAM CALLS

This shows the usage time of roaming calls. Roaming calls are calls outside of your system coverage area that may require additional charge.

1 Press [MENU] 2ᴬᴮᶜ 5ᴶᴷᴸ 4ᴳᴴᴵ.

2 Select the following items:

● Voice Call
● Data/Fax Call

3 To reset the timer, press [RESET].
To return to the previous page, press OK .

CUMULATIVE CALLS

This shows the usage time of all incoming and outgoing calls, excluding web access calls.

1 Press [MENU] 2ᴬᴮᶜ 5ᴶᴷᴸ 5ᴶᴷᴸ.

2 Select the following items:

● Voice Call
● Data/Fax Call

3 To reset the timer, press [RESET].
To return to the previous page, press OK .

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DATA CALLS

Data Calls allows you to check the log of all kilobyte data transmissions.

RECEIVED

To show the received kilobyte usage on a user definable interval:

1 Press [MENU] 2ᴬᴮᶜ 6ᴹᴺᴼ 1☰.

2 To reset the counter, press [RESET].
To return to the previous page, press OK .

TRANSMITTED

To show the transmitted kilobyte usage on a user definable interval:

1 Press [MENU] 2ᴬᴮᶜ 6ᴹᴺᴼ 2ᴬᴮᶜ.

2 To reset the counter, press [RESET].
To return to the previous page, press OK .

TOTAL

To show the received or transmitted kilobyte usage on a user definable interval:

1 Press [MENU] 2ᴬᴮᶜ 6ᴹᴺᴼ 3ᴰᴱᶠ.

2 To return to the previous page, press OK .

CH 4

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

START AXCESS APPS

1 To launch "Axcess Apps" from the standby mode, press [MENU] or .

2 The name of the icon will appear at the bottom of the screen. Select the "Axcess Shop 🛒 " by pressing the Navigation Key left or right.

3 To start the application, press OK .

4 To end the application, press .
The phone will return to the standby mode or the previous screen status.

DOWNLOADING APPLICATIONS

1 Press [MENU] or .

2 Select "Axcess Shop 🛒 ", then press OK .

3 Select "Catalog", then press OK .

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

● To select an option, scroll to the option by using the Navigation Key, then press OK .
● When a prompt appears, press OK to proceed or to cancel.

DOWNLOADING MELODIES/WALLPAPERS

Before downloading melody ringers and wallpapers, you need to download the dedicated downloader. Contact your service provider for details.

APPLYING MELODIES/WALLPAPERS

Downloaded melody ringers apply to several functions including the incoming call alert, new text message alert, alarm clock and scheduler alarm. See Ringer Type on page 58.

Downloaded wallpapers apply to the standby mode. See Wallpaper on page 63.

CHECKING MEMORY IN THE DATA FOLDER

Downloaded melody ringers, wallpapers and applications are saved to the data folder in your phone.

1 Press [MENU] or .

2 Select "Settings 📇 ", then press OK .

3 Select "Manage Apps", then press OK [SYSTEM INFO]. The memory status will be displayed.

4 To exit, press .

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ERASING AN APPLICATION

1 Press 🔘 [MENU] 4ghi 1 or 🔲 ➡ .

2 Select "Settings 📇 ", then press ok .

3 Select "Manage Apps", then press ok .
The memory status will be displayed.

4 Select the application to be erased then press ok .

5 Select "Remove", then press ok to remove it.

IMAGES

GRAPHICS

This menu shows the list of downloaded still images.

1 Press 🔘 [MENU] 6mno 1 1 .

● Press 🔘 [MENU] to select 1. Rename, 2. Delete, 3. Delete All, 4. Information

2 Scroll through the downloaded images to display the picture you want to send, then press ok [SEND].

3 To write your picture message, see "New Photo Msg" on page 106.

4 To send the photo message, press 🔘 [MENU], select "Send", then press ok [OK].

ANIMATIONS

This menu shows the list of downloaded or saved images.

1 Press 🔘 [MENU] 6mno 1 2abc .

● Press 🔘 [MENU] to select 1. Rename, 2. Delete, 3. Delete All, 4. Information

2 Scroll through the downloaded images to display the picture you want to send, then press ok [SEND].

3 To write your picture message, see "New Photo Msg" on page 106.

4 To send the photo message, press 🔘 [MENU], select "Send", then press ok [OK].

PHOTOS

This menu shows the list of photos that have been taken with the camera.

1 Press [MENU] 6ᴹᴺᴼ 2ᴬᴮᶜ .

● Press [MENU] to select 1. Rename, 2. Delete, 3. Delete All, 4. Information

2 Scroll through the captured pictures to display the picture you want to send, then press [OK] [SEND].

3 The New Photo Msg screen will appear. Enter the information in all the necessary fields. See "New Photo Msg" on page 106.

4 To send the photo message, press [MENU], select "Send", then press [OK] [OK].

TONES

This menu shows the list of downloaded ringtones and saved voice memos. Sending tones or voice memos is done through the New Photo Msg screen.

1 Press [MENU] 6ᴹᴺᴼ 3ᴰᴱᶠ .

2 Scroll to the saved voice memo or downloaded ringtone you want to send then press [OK] [SEND].

3 The New Photo Msg screen will appear. Enter the information in all the necessary fields. See "New Photo Msg" on page 106.

4 To send the photo message, press [MENU], select "Send", then press [OK] [OK].

SHUFFLE

WALLPAPER

This option would pull files from the Wallpaper Shuffle Menu, and randomly display wallpapers.

1 Press [MENU] 6ᴹᴺᴼ 4ᴳᴴᴵ 1 .

● Press [MENU] to select 1. Delete, 2. Delete All, 3. Information

RING TONES

Option to set incoming calls to SHUFFLE TONES. Option would pull files from the Ringtone Shuffle Menu, and randomly play tones.

1 Press [MENU] 6ᴹᴺᴼ 4ᴳᴴᴵ 2ᴬᴮᶜ .

● Press [MENU] to select 1. Delete, 2. Delete All, 3. Information

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Customizes your phone and optimizes performance through a variety of settings.

SOUNDS

Sets Ringer Type, Volume, Alert, Roam Ringer, Tone Length and Etiquette.

RINGER TYPE

To select a ringer type for incoming calls:

RINGER

1 Press ⚬ [MENU] 7️⃣ 1️⃣ 1️⃣ 1️⃣.

2 Select your desired ringer type.

- Left or Right key : Select "Ring Tones", "Music Bells" or "Downloads".
- Up or Down key : Select "Ringer".
- Downloads : Downloaded ringer types and familiar music.

3 Select one of the available ring types. To confirm, press ⚬ [SELECT].

MESSAGES
To select a ringer type for receiving messages:

1 Press ⚬ [MENU] 7️⃣ 1️⃣ 1️⃣ 2️⃣.

2 Press the Navigation Key up or down to select "Tone 1, 2, 3, 4, 5, 6, 7, 8, 9, 10".

3 To confirm, press ⚬ [SELECT].

VOICE MAIL
To select a ringer type for receiving voice mail:

1 Press ⚬ [MENU] 7️⃣ 1️⃣ 1️⃣ 3️⃣.

2 Press the Navigation Key up or down to select "Tone 1, 2, 3, 4, 5, 6, 7, 8, 9, 10".

3 To confirm, press ⚬ [SELECT].

VOLUME

Controls the Ringer, Key Tone, Voice Call and Speakerphone volume.

RINGER
Controls the Ringer volume and alerts you to incoming calls in the modes listed in the gray box below.

1 Press ⚬ [MENU] 7️⃣ 1️⃣ 2️⃣ 1️⃣.

2 Select one of the following options by pressing the Navigation Key to the right.

- Silent : Mute the ringer, press ⚬ (Min).
- Ringer Off
- Vibrate On
- Ringer Mode : Up & Down (Level 1~5)
- High & Vib : The ringer sounds after vibration, press ⚬ (Max).

3 To confirm, press ⚬ .

KEY TONE
To adjust key pad tone:

1 Press ⚬ [MENU] 7️⃣ 1️⃣ 2️⃣ 2️⃣.

2 Adjust the key pad tone with the Navigation Key.

- Off (Min- ⚬)
- Level 1 - 5 (level 5, Max- ⚬)

3 To activate, press ⚬ .

VOICE CALL
To adjust earpiece volume (Lets you adjust the ringer volume in standby mode with side volume key):

1 Press ⚬ [MENU] 7️⃣ 1️⃣ 2️⃣ 3️⃣.

2 Adjust the earpiece volume with the Navigation Key.

- Level 1 - 5 (Min- ⚬ , Max- ⚬)

3 To activate, press ⚬ .

SPEAKER PHONE

To adjust speakerphone volume:

1 Press ⊡ [MENU] 7PQS 1 2ABC 4GHI .

2 Adjusts the speakerphone volume using the Navigation Key.

● Level 1 - 5 (Min- ⊡ , Max- ⊡)

3 To activate, press OK .

ALERT

When set, this setting alerts you to the following handset changes:

MINUTE

Sounds an alert every minute during a call.

1 Press ⊡ [MENU] 7PQS 1 3DEF 1 .

2 Select "Off" or "On" with the Navigation Key, then press OK to activate it.

ROAM

Sounds an alert when leaving a service area and entering a roaming service area.

1 Press ⊡ [MENU] 7PQS 1 3DEF 2ABC .

2 Select "Off" or "On" with the Navigation Key, then press OK to activate it.

CONNECT

Notifies you that a call has been successfully placed.

1 Press ⊡ [MENU] 7PQS 1 3DEF 3DEF .

2 Select "Off" or "On" with the Navigation Key, then press OK to activate it.

FADE

Sounds an alert when entering an area where calls cannot be made due to weak signal strength.

1 Press ⊡ [MENU] 7PQS 1 3DEF 4GHI .

2 Select "Off" or "On" with the Navigation Key, then press OK to activate it.

ON/OFF TONES

Allows you to activate/deactivate the power on/off tones.

1 Press ⊡ [MENU] 7PQS 1 3DEF 5JKL .

2 Select "Off" or "On" with the Navigation Key, then press OK to activate it.

ROAM RINGER

Sounds a different ringer when you are in a roaming service area.

1 Press ⊡ [MENU] 7PQS 1 4GHI .

2 Select "Normal" or "Distinctive" with the Navigation Key, then press OK to activate it.

● Normal : Sounds the same ringer type as used in Home area.
● Distinctive : Sounds a different ringer type.

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TONE LENGTH

To adjust tone length:

1 Press ⚬ [MENU] 7PQRS 1≣ 5JKL .

2 Select "Normal" or "Long" with the Navigation Key, then press OK to activate it.

ETIQUETTE

To place the phone in Etiquette Mode so all phone sounds are muted:

1 Press ⚬ [MENU] 7PQRS 1≣ 6MNO .

2 Select "Off" or "On" with the Navigation Key, then press OK to activate it.

Shortcut:
From standby mode, press and hold ✲ to turn Etiquette Mode On/Off.

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● DISPLAY

Allows you to customize the display.

GRAPHICS

To select an LCD display:

WALLPAPER

1 Press ⚬ [MENU] 7PQRS 2ABC 1≣ 1≣ .

2 Select Default to choose a pre-installed display or scroll through Downloads or Photo # to choose a display you have downloaded to your phone.

3 Press OK [SELECT] to activate it.

POWER ON

1 Press ⚬ [MENU] 7PQRS 2ABC 1≣ 2ABC .

2 Select "ALLTEL" with the Navigation Key.

3 Press OK [SELECT] to activate it.

POWER OFF

1 Press ⚬ [MENU] 7PQRS 2ABC 1≣ 3DEF .

2 Select "ALLTEL" with the Navigation Key.

3 Press OK [SELECT] to activate it.

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RECEIVED

1 Press ⚬⚬ [MENU] 7ᴾQRS 2ᴬBC 1🔒 4GHI.

2 Select "Default" with the Navigation Key.

3 Press ⎕OK [SELECT] to activate it.

DIALED

1 Press ⚬⚬ [MENU] 7ᴾQRS 2ᴬBC 1🔒 5JKL.

2 Select "Default" with the Navigation Key.

3 Press ⎕OK [SELECT] to activate it.

SCREEN SAVER

Set the time for the Screen Saver, then select the images (default or downloaded from Cricket Clicks), then the image will be displayed on the LCD.

1 Press ⚬⚬ [MENU] 7ᴾQRS 2ᴬBC 1🔒 6MNO.

2 Select "Time Setting" or "Screen Saver" with the Navigation Key.

- Time Setting : Off, 5 Secs, 10 Secs, 20 Secs, 30 Secs.
- Screen Saver : Select picture image.(Photo/Multimedia/Images). By pressing ⚬⚬ [MENU], the user can choose from the following:
  1. Erase: To erase pictures saved in the current album.
  2. Erase All: To erase all pictures saved in the current album.
  3. Change Title: To edit the title of a picture file.

3 To activate, press ⎕OK [SELECT].

SUB SCREEN

1 Press ⚬⚬ [MENU] 7ᴾQRS 2ᴬBC 2ᴬBC.

2 Select "Digital" or "Analog" with the Navigation Key.

3 To activate, press ⎕OK .

GREETING MESSAGE

To input a personal greeting:

1 Press ⚬⚬ [MENU] 7ᴾQRS 2ᴬBC 3DEF.

2 The message field will be highlighted. Press the Navigation Key left or right to choose between on and off. Press the Navigation Key down to move to the next field, font color. Press the Navigation Key left or right to choose a color. Repeat for both fields. Press the Navigation Key down to entry message. Enter your greeting.

- Message : On/Off.
- Font Color: Red, Orange, Green, Blue, Violet, Black, White.
- Entry Message : Enter message (Default-ALLTEL).

3 To save, press ⎕OK [SAVE].

CONTRAST

To adjust the display contrast:

MAIN LCD/SUB LCD

1 Press [MENU] .

2 Select "Main LCD" or "Sub LCD", then select one of the following options with the Navigation Key.

- Main LCD : Level 1~5.
- Sub LCD : Level 1~5.

3 To save, press OK .

BACKLIGHT

Backlights the display and key pad for easy viewing in dark places.

LCD/KEY PAD

1 Press [MENU] .

2 Select "LCD" or "Key Pad", then select one of the following options with the Navigation Key.

- LCD : 5 Secs/15 Secs/30 Secs/60 Secs/Always On.
- Key Pad : 5 Secs/15 Secs/30 Secs/60 Secs/Always On/Always Off.

3 To save, press OK .

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⬤ DATA SERVICE

CONNECTION

In Connection, you can set your phone to Voice Call, Data Only or Fax Only. This function works with a USB data cable that connects your phone to your PC. (See NOTE below.)

1 Press [MENU] .

2 Select one of the following connection modes with the Navigation Key.

- Voice Call : To receive a voice call.
- Data Only : To receive data when connected to PC.
- Fax Only : To function as a fax when connected to PC.

3 Press OK to activate.

> **NOTE** *This function is available only when the phone is connected to a data cable. (The USB data cable is not supplied in the package. Please purchase near store).*

WAP/BREW

This is a setup for the data service that you preferred. When "Auto" is set, "1X Only" or "QNC Only" is automatically selected, depending on data service the network provides. "1X Only" uses packet data technology, while "QNC Only" uses circuit switched data technology.

1 Press [MENU] .

2 Select "Auto", "1x Only" or "QNC Only" with the Navigation Key.

3 To save it, press OK .

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SECURITY

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

PHONE LOCK

Prevents the phone from being used without entering the password first.

1 Press [MENU] ⁷ᴾ◌ ⁴ᴳᴴ, enter your password.

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

2 Press 1ⁱⁱ, then select "Lock Now", "Lock On Power Up" or "Unlock".

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

3 To activate, press OK .

RESTRICT

When you attempt to make a restricted call, "This phone is restricted" appears on the screen.

DIALED

Blocks all dialed calls – except emergency calls – but allows an incoming call to be placed.

1 Press [MENU] ⁷ᴾ◌ ⁴ᴳᴴ, enter your password.

2 Press 2ᴬᴮᶜ 1ⁱⁱ, then select "Allow" or "Restrict" with the Navigation Key.

> ● Allow : Allows a dialed call.
> ● Restrict : Restricts a dialed call.

3 To activate, press OK .

RECENT CALLS
Blocks access to Recent Call List.

1 Press [MENU] ⁷ᴾ◌ ⁴ᴳᴴ, enter your password.

2 Press 2ᴬᴮᶜ 2ᴬᴮᶜ, then select "Allow" or "Restrict" with the Navigation Key.

> ● Allow : Allows a recent call.
> ● Restrict : Restricts a recent call.

3 To activate, press OK .

CAMERA
Restricts access to camera mode.

1 Press [MENU] ⁷ᴾ◌ ⁴ᴳᴴ, enter your password.

2 Press 2ᴬᴮᶜ 3ᴰᴱᶠ, then select "Allow" or "Restrict" with the Navigation Key.

> ● Allow : Allows access to the camera.
> ● Restrict : Restricts access to the camera.

3 To activate, press OK .

DATA CALL

Restricts a data call from being placed.

1 Press [MENU] ⁷ᴾ◌ ⁴ᴳᴴ, enter your password.

2 Press 2ᴬᴮᶜ 4ᴳᴴ, then select "Allow" or "Restrict" with the Navigation Key.

> ● Allow : Allows a data call.
> ● Restrict : Restricts a data call.

3 To activate, press OK .

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900#S

Restricts calling 900 dial service numbers.

1 Press ⚬ [MENU] 7️⃣ 4️⃣, enter your password.

2 Press 2️⃣ 5️⃣, then select "Allow" or "Restrict" with the Navigation Key.

> ● Allow : Allows calls to a 900-dial service.
> ● Restrict : Restricts calls to a 900-dial service.

3 To activate, press OK .

LONG DISTANCE

Restricts calling long distance numbers – the phone is limited to calling numbers within the area.

1 Press ⚬ [MENU] 7️⃣ 4️⃣, enter your password.

2 Press 2️⃣ 6️⃣, then select "Allow" or "Restrict" with the Navigation Key.

> ● Allow : Allows a long distance call.
> ● Restrict : Restricts a long distance call.

3 To activate, press OK .

CHANGE CODE

Changes your 4-digit password.

1 Press ⚬ [MENU] 7️⃣ 4️⃣, enter your password.

2 Press 3️⃣ .

3 Enter a new password, then press OK .

4 Enter the new password again, then press OK .

SPECIAL #'S

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

1 Press ⚬ [MENU] 7️⃣ 4️⃣, enter your password.

2 Press 4️⃣ , then select a location with the Navigation Key.

3 Press OK [SET] and input a phone number, press OK again to save.

ERASE ALL

Clears all contacts, downloads, and photo gallery entries from your phone.

1 Press ⚬ [MENU] 7️⃣ 4️⃣, enter your password.

2 Press 5️⃣ .

3 Press ⚬ [CHECK] to check "Contacts", "Downloads" or "Photo Gallery", then press OK to erase all the items in those categories.

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RESET PHONE

Resets phone to default settings.

1 Press ⊡ [MENU] 7ᴾ�QᴿS 4ᴳHI, enter your password.

2 Press 6ᴹNO.

3 You will see "Reset Phone ! this will reset to default settings." on the display.

4 To reset the phone, press OK .

1X PASSWORD

You can set up your Password Authentication Protocol (PAP) by entering your PAP User ID and PAP Password. This is used for accessing the data service by your phone service provider.

PAP USER ID

To change your User ID:

1 Press ⊡ [MENU] 7ᴾQᴿS 4ᴳHI, enter your password.

2 Press 7ᴾQᴿS 1 for "PAP User ID".
Your User ID appears in the Editor screen.

3 To save, press OK [STORE].

PAP PASSWORD

To change your PASSWORD:

1 Press ⊡ [MENU] 7ᴾQᴿS 4ᴳHI, enter your password.

2 Press 7ᴾQᴿS 2ᴬBC for "PAP Password".
Your password appears in the Editor screen.

3 To save, press OK [STORE].

● RESTRICTIVE DIALING

The ability to restrict outgoing calls from the handset to only the phonebook entries - Handsets need ability to restrict outgoing calls to a created phone list, access of phone list to be controlled by access code. The ability to restrict incoming calls to the phonebook entries - Handsets need ability to restrict incoming calls to a created phone list, access of phone list to be controlled by access code.
Set this function to ON when you want to restrict all Outgoing calls.

SET ON/OFF

1 Press ⊡ [MENU] 7ᴾQᴿS 5ᴶKL , enter your restrictive code.

> NOTE *The default password is "000000".*

2 Press 1.

3 Select "On" or "Off" with the Navigation Key.

4 To activate, press OK .

CHANGE SPECIAL CODE

Changes your 6-digit restrictive code.

1 Press ⊡ [MENU] 7ᴾQᴿS 5ᴶKL , enter your restrictive code.

> NOTE *The default password is "000000".*

2 Press 2ᴬBC.

3 Enter a new restrictive code, then press OK .

4 Enter the new restrictive code again, then press OK .

⬤ OTHERS

ANSWER OPTIONS

CALL ANSWER

To select an answer mode:

1 Press ⋯ [MENU] 7PQRS 6MNO 1🔒 1🔒 .

2 Select "Any Key" or "Send Key" with the Navigation Key.

> ● Any Key : Press any key to answer an incoming call except
> CLR ⊲ , END ⌐ , ⋯ and 🔘 .
> ● Send Key : Press only 📞SEND to answer a call.

3 To activate, press OK .

ACTIVE FLIP

To select active flip answer mode.

1 Press ⋯ [MENU] 7PQRS 6MNO 1🔒 2ABC .

2 Select "Off" or "On" with the Navigation Key.

3 To activate, press OK .

> ● When Active Flip On is selected, an incoming phone call can be answered simply by opening the phone.
> ● When Active Flip Off is selected, you will need to open the phone and follow the Answer mode you have selected.

AUTO ANSWER

Automatically answers a call after a preset amount of time.
Auto Answer only works when the phone is open.

1 Press ⋯ [MENU] 7PQRS 6MNO 1🔒 3DEF .

2 Select one of the following with the Navigation Key.

> ● Off/5 Secs/10 Secs/18 Secs.

> **NOTE** *This function will not be active when you select Vibrate, Silent, Etiquette or Ringer after Vib as a ringer mode.*

3 To activate, press OK .

AUTO RETRY

Automatically redials a call up to 5 times after a set time interval.

1 Press ⋯ [MENU] 7PQRS 6MNO 2ABC .

2 Retry time to field is shown. Press the Navigation Key left or right to choose the amount of time. (Off, 3 Secs, 5 Secs, 7 Secs, 10 Secs.)

3 When a time is chosen for retry time, the repeat field is shown. Press the Navigation Key down to highlight the repeat field. Press the Navigation Key left or right to choose the amount of repeats. (1 Time, 3 Times, 5 Times).

4 To activate, press OK .

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LANGUAGE

Selects the language in which letters are displayed on screen.

1 Press ⚫ [MENU] 7PQRS 6MNO 3DEF.

2 Select either "English" or "Spanish" with the Navigation Key.

3 To activate, press ⬛ .

VOICE PRIVACY

Enhances voice privacy and avoids tapping during a call.

1 Press ⚫ [MENU] 7PQRS 6MNO 4GHI.

2 Select "Standard" or "Enhanced" with the Navigation Key.

3 To activate, press ⬛ .

● "Enhanced" : Makes it more difficult to wire tap.

TTY MODE

Your phone is able to operate with a TTY (Teletypewriter) device in digital mode. This feature is system dependent and may not be available in all areas.

1 Press ⚫ [MENU] 7PQRS 6MNO 5JKL.

2 Select one of the following options (TTY Off / TTY+TALK / TTY+HEAR / TTY Full) with the Navigation Key, then press ⬛ .

LOCATION

To determine whether or not the network system can detect your position:

1 Press ⚫ [MENU] 7PQRS 6MNO 6MNO.

2 Select "911 Only" or "Location On" with the Navigation Key.

● 911 Only : Your location will be hidden from network
                & application except 911.
● Location On : Your location is now available to the network.

3 To activate, press ⬛ .

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SYSTEM

SET MODE

Selects the Preferred System.

1 Press [MENU] 7PQRS 7PQRS 1.

2 Select one of the following options (Automatic B /Automatic A /Home Only) with the Navigation Key, then press OK .

- Automatic B : Scans the radio channels based on the Automatic B setting.
- Automatic A : Scans the radio channels based on the Automatic A setting.
- Home Only : Only within your home area or home affiliated area.

NAM SETTING

Enables Auto NAM (Number Assignment Modules) or manually selects a NAM.

AUTO NAM

Automatically switches phone to proper NAM when you have multiple NAM registrations.

1 Press [MENU] 7PQRS 7PQRS 2ABC 1.

2 Select "No" or "Yes", then press OK to activate it.

CHANGE NAM

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

1 Press [MENU] 7PQRS 7PQRS 2ABC 2ABC .

2 Select "NAM1-ALLTEL" or "NAM2-ALLTEL", then press OK to activate it.

PRL ID

Displays the phone's PRL (Preferred Roaming List).

1 Press [MENU] 7PQRS 7PQRS 3DEF .

2 To return to the previous page, press OK .

ERI BANNER

This will allow for the display of ERI text on the screen when the Device acquires ANY system other than the home system.

1 Press [MENU] 7PQRS 7PQRS 4GHI .

2 Select "Off" or "On", then press OK to activate it.

PHONE INFO

Displays the version of your phone:

S/W VERSION

1 Press ⚆ [MENU] 7ᴾQRS 8ᵀUV 1☎ .

2 The software version appears.

3 Press OK .

H/W VERSION

1 Press ⚆ [MENU] 7ᴾQRS 8ᵀUV 2ᴬBC .

2 The hardware version appears.

3 Press OK .

AXCESS VERSION

1 Press ⚆ [MENU] 7ᴾQRS 8ᵀUV 3ᴅEF .

2 The "AXCESS" software version appears.

3 Press OK .

AIRPLANE MODE

When your phone is in Airplane Mode, it cannot send or receive any calls or access online information. You may still use the phone's other features, such as Notepad, Voice Memos, etc., while you are in Airplane Mode.

1 Press ⚆ [MENU] 7ᴾQRS 9wxyz .

2 Read the message, then press OK .

3 Select "Off" or "On", then press OK to activate it.

NOTE

While in Airplane Mode, your phone's standby screen will display "Airplane Mode" and the Time/Date disappears.

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SCHEDULE

Sets a plan and reminds you of that plan.

ADD NEW PLAN

1 Press ⬚ [MENU] 8ᵀᵁⱽ 2ᴬᴮᶜ 1▨ .

2 Use the Navigation Key to choose a date in the calendar, then press ok .

3 The date field is highlighted. Press the Navigation Key down to set the other options.

DATE

Use the keypad to change or enter the date then press ok .

TIME

Use the keypad to set a time and when highlighted, press ⬚ to select "AM" or "PM", then press ok .

PLAN

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) by pressing the Navigation Key left or right.

RINGER

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

● Change : Choose a ringer type from the list.
● Default : To set default ringer type.

4 Press ⬚ [SAVE] to save it or CLR⊗ [CLR] to return to the calendar.

5 The date of the plan will be marked on your calendar.

VIEW PLAN

1 To view the Event List, press ⬚ [MENU] 8ᵀᵁⱽ 2ᴬᴮᶜ 2ᴬᴮᶜ .

2 Move the Navigation Key to choose an event, then press ok or ⬚ [ERASE].
Press ⬚ [MENU], then select "Erase All" using the Navigation Key. "Erase all plans?" will be displayed. Press ok to delete.

ALARM

You can set up to 3 alarms.

1 To display alarm entries, press ⊡ [MENU] 8ᵀᵁⱽ 3ᴰᴱꜰ .

2 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 [ᴏᴋ] .

3 The Setting field will be highlighted. Press the
Navigation Key down to select alarm options.

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

DATE
Use the keypad to change or enter the date for the
alarm then press [ᴏᴋ] .
If Weekly is chosen for the setting, date field
becomes a day of the week.

- Once: Select a single date for the alarm.
- Daily: Select alarm for same time each day.
- Weekly: Select "Monday", "Tuesday", "Wednesday",
          "Thursday", "Friday", "Saturday", "Sunday".
- Monthly: Select day 1 through 31.
- Off

TIME
Use the keypad to set a time for the event and the
⊡ to select "AM" or "PM" then press [ᴏᴋ] .

SNOOZE SETTING
Use the Navigation Key to select a Snooze setting
(Off, 1 time after 5 min, 1 time after 10 min, 3 times
by 5 min).

RINGER
To set a Ringer, press ⊡ [MENU], then select
"Change" or "Default" using the Navigation Key.
To save it press [ᴏᴋ] [SELECT].

- Change : To choose a ringer type from the list.
- Default : To set default ringer type.

PLAN
Using the keypad, input an alarm message then
press [ᴏᴋ] .

4 To save an alarm setting press ⊡ [SAVE].

MEMO PAD

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

ADD MEMO

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

1 Press ⏺ [MENU] 8ᵀᵁⱽ 4ᴳᴴ 1.

2 Input a new text memo.
(Refer to page 31 for more details on entering letters, numbers & symbols.)

3 Press OK to save memo.

VIEW MEMO

To view a saved memo:

1 1.1. Press ⏺ [MENU] 8ᵀᵁⱽ 4ᴳᴴ 2ᴬᴮᶜ .

1.2. To erase a memo, press ⏺⏺ [ERASE].

1.3. To add a new memo, press ⏺ [MENU] 1 "New Memo".

1.4. To erase all memos, press ⏺ [MENU] 2ᴬᴮᶜ "Erase All".

2 The list of all memos, in saved order, is displayed. Select a memo, then press OK .

3 The selected memo will appear. To edit it, press ⏺ [MENU], select "Edit" and input a new text memo, then press OK to save edit memo.

SETTINGS

To select memo pad background image:

1 Press ⏺ [MENU] 8ᵀᵁⱽ 4ᴳᴴ 3ᴰᴱᶠ .

2 Select (Paper/Pattern/Sea/Sky/Flower) by pressing Navigation Key left or right, then press OK .

CALCULATOR

To access the calculator:

1 Press ⏺ [MENU] 8ᵀᵁⱽ 5ᴶᴷᴸ .

2 Follow the instructions below to calculate 8*6÷4-2.5

Press 8.
Press the Navigation Key to the right.
Press 6.
Press the Navigation Key to the left.
Press 4.
Press the Navigation Key down.
Press 2 then press 6ᴹᴺᴼ to input (.).
Press 5.
Then press OK and you will see the answer.

NOTE

⏺ ➡ : X,   : -, ◀ : ÷, ▲ : +, 6ᴹᴺᴼ : ., ⏺⏺ : Reset, OK : =.

3 To reset, press ⏺⏺ [RESET].

WORLD CLOCK

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

1 Press ⚬ [MENU] 8ᵀᵁⱽ 6ᴹᴺᴼ.

2 Select a city with the Navigation Key.

3 The world map appears with the city, its date and time.

● Use the Navigation Key to select another city.

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

4 To return to the previous page, press ok .

STOP WATCH

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

1 Press ⚬ [MENU] 8ᵀᵁⱽ 7ᴾ�QᴿS.

2 To measure a time period.
1. To start the stop watch, press ok [START].
2. To pause it, press ok [STOP].
3. To resume it or ⚬ [RESET] to return to the previous page, press ⚬ [EXIT].

3 To time up to six events at once:
1. To start, press ok [START].
2. To stop a time period and continue measuring another one, press ⚬ [CONT].
3. To stop the second and continue measuring a third one, press ⚬ [CONT].
4. To measure up to six time periods, repeat the above steps.
5. To stop the stop watch, press ok [STOP].
6. To review the results, press ⚬ [VIEW].
7. To return to the stop watch, press ok .
8. To reset it, press ⚬ [RESET].

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TAKE PHOTO

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the lens and pressing a button. You can activate the Camera Mode and take pictures when the phone is open.

TAKING A PICTURE THROUGH THE MENU

1 Press ⊡ [MENU] 🔟 🔟 or press ⚪ 🔟 .

2 Point the camera lens at your subject. You can check the picture framing through the main display screen.

3 Press ⚪ [OK] or the side camera button to take the picture.

4 To save the picture, press ⚪ [SAVE]. Input a picture title, then press ⚪ . To go back to idle mode without saving the picture, press 🔚 . To send the picture to someone, press ⚪ [SEND].

> ● You cannot place or receive calls while in Camera Mode. All incoming voice calls will be forwarded to voicemail.

TAKING A PICTURE IN IDLE MODE

1 Press the Side Camera button or press and hold ⚪ to activate Camera Mode.

2 Point the camera lens at your subject. You can check the picture framing through the main display screen.

3 Press the side camera button to take the picture.

4 To save the picture, press ⚪ [SAVE]. Input a picture title, then press ⚪ . To go back to idle mode without saving the picture, press 🔚 . To send the picture to someone, press ⚪ [SEND].

CAMERA MODE OPTIONS

When the phone is open and in Camera Mode, several user options are available.

GALLERY

Press ⚪ [GALLERY] to enter Review Mode. From there you can view the captured pictures, view a running count of stored pictures and more.

RESOLUTION

Press the Navigation Key up or down to adjust the picture size from High (640x480 pixels) to Med (320x240 pixels) to Low (160x120 pixels). The current picture size appears at the top left side of the display screen.

ZOOM

Press the Navigation Key left or right to change the magnification. (Zoom to 1x, 2x or 4x magnification in Low Resolution and 1X and 2X in Medium Resolution.)

UNDER ⊡ [MENU]

SUB LCD
The sub LCD will show a representation of the picture to be taken. Use the sub LCD to help frame yourself for a self portrait.

FLASH
To activate the flash function. (Off / On this shot / Always On)

SELF TIMER
To activate the camera's timer function. (Off / 5 Secs / 10 Secs)

IMAGE CONTROLS
To select an option from the following. (Brightness / Image Effect / Contrast / Quality)

SHUTTER SOUND
To select a shutter sound. (Off / Shutter 1 / Shutter 2 / Shutter 3 / Say "Cheese")

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PHOTO GALLERY

Your phone enters Review Mode after taking a picture.

1 Press ⬚ [MENU] 9ʷˣʸᶻ 2ᴬᴮᶜ or OK 2ᴬᴮᶜ .

2 Press OK to select a picture.

- In Review Mode you can view all the pictures you have taken, store selected images in your phone, send pictures to the Online Album, delete images and access additional picture options.

- Press ⬚ [MENU] to display the following options :

  1. Thumbnail : To switch the display from full-screen to thumbnail view.
  2. Edit Title : Edit the picture's title.
  3. Send Photo : Upload the picture to a message.
  4. Assign Picture : Assigns the selected photo to display for specific tasks (Wallpaper/Screen Saver/Picture Caller ID/Incoming Call).
  5. Erase : Erase the current picture from your phone.
  6. View Lists : Displays all pictures.
  7. Photo Info : Displays information on the selected picture, such as title, date/time, size, etc.

- Press ⬚ [CAM] to return to Camera mode to take another picture.

PHOTO MESSAGE

Once you've taken a picture, you can use the messaging capabilities of your phone to instantly share it with family and friends. To send a picture to a recipient's email address or to their wireless phone:

1 Press ⬚ [MENU] 9ʷˣʸᶻ 3ᴰᴱᶠ or OK 3ᴰᴱᶠ .

2 Press 1 for "New Photo" or 2ᴬᴮᶜ for a "Saved Photo". If you are looking for a saved photo, scroll through the captured pictures to select the picture you want to send.

3 Highlight the picture, then press OK .

4 Under "Send To", enter the email address or mobile phone number, then press OK .

5 Under "Message", press OK . The picture will come up with the flashing cursor underneath. Enter the message, then press OK . Press ⬚ [MENU] to 1. Voice Record, 2. Insert Q.Text, 3. Delete Photo, 4. Insert Sound, 5. Insert Slide or 6. Slide Duration.

6 Under "Subject", enter a subject line for the message. Press OK .

7 To send the picture, press ⬚ [MENU] 1 . Press ⬚ [MENU] to 1. Send, 2. Preview, 3. Save to Outbox, 4. Priority or 5. Expiration.

Refer to page 106 for more details on "New Photo Msg".

HELP

1 Press 🔘 [MENU] 9ʷˣʸᶻ 4ᴳᴴ or OK 4ᴳᴴ .

● Use up/down keys to change picture size, left/right keys to change zoom and Side up/down keys control rotation on preview mode.
Camera menu provides more settings:
1. SUB LCD: Enable previewing on external LCD.
2. FLASH: Provides just enough light to allow pictures to be taken.
3. SELF TIMER: Set timer to take a self portrait.
4. IMAGE CONTROLS
    4.1 BRIGHTNESS
    4.2 IMAGE EFFECT
    4.3 CONTRAST
    4.4 QUALITY
5. SHUTTER SOUND: Select a sound to use for shutter.

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Chapter 5

VOICE SERVICE

This chapter addresses Voice Service, an advanced feature that allows you to place calls using your voice. With Voice Memo (VM) you can record voice messages and set the Answering Machine. Topics include:

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■ VOICE TOOLS MENU

■ VOICE RECOGNITION MODE

VOICE MEMO

Voice Memo allows you to record a reminder message that can be up to 60 seconds. To record a memo:

1 Press ⦁⦁ [MENU] 8™ 1▣ to start Voice Tools menu.

2 To enter a voice memo, press 1▣ .

3 1.1. To record a voice memo, press 1▣ .
Instructions will be displayed and you will hear "Please record at the tone."

1.2. To stop recording a memo, press ok [STOP] or ⦁⦁⦁ [PAUSE/RESUME].

1.3. Press ⦁⦁ [MENU] after recording a voice memo to "1. Re-record" or "2. Review".

1.4. Press ok [SAVE] to input a "Voice Memo" title, then press ok . (See page 31 for more information on entering letters, numbers and symbols.)

1.5. Press ⦁⦁⦁ [SEND] to access the "New Photo Msg" see "New Photo Msg" on page 106.

2. To play the voice memo, press 2ᴬᴮᶜ .
Select the message you want to play then press ok [PLAY] or press ⦁⦁ [MENU] to 1. Edit Title or 2. Send. Press ⦁⦁⦁ [ERASE] to erase the memo.

3. To play the voice memo using the speakerphone, press 3ᴰᴱᶠ. Select the message you want to play then press ok [PLAY] or press ⦁⦁ [MENU] to 1. Edit Title or 2. Send. Press ⦁⦁⦁ [ERASE] to erase the memo.

4. To erase all voice memos, press 4ᴳᴴᴵ .
"Erase all voice memos?" will be displayed. Press ok to erase all voice memos.

VOICE DIAL

Voice Dial allows you to record a voice tag so you can call a person in your phone book simply by saying their name. To access Voice Dial:

1 Press ⦁⦁ [MENU] 8™ 1▣ to start Voice Tools menu.

2 To enter Voice Dial, press 2ᴬᴮᶜ .

3 1.1. To record a voice tag, press 1▣ .
The phone book list will be displayed alphabetically. Select a name, then press ok . Instructions will be displayed and you will hear "Name Please".

1.2. Say the name for the voice tag and repeat the name when prompted. You will hear "Added".

2. To play a voice tag, press 2ᴬᴮᶜ .
Highlight the name you want to play then press ok [PLAY] or press ⦁⦁⦁ [ERASE].

3. To play a voice tag using the speakerphone, press 3ᴰᴱᶠ.
Highlight the name you want to play then press ok [PLAY] or press ⦁⦁⦁ [ERASE].

4. To erase all voice tags, press 4ᴳᴴᴵ .
"Removing all voice tags Proceed?" will be displayed.
Press ok to erase all voice tags.

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TRAIN WORDS

Train allows you to use Control words to make a call without using the keypad.

YES

Use to train or untrain the Voice Recognition with the control word, "Yes".

1 Press ⸱⸱ [MENU] 8ᵀᵁⱽ 1☰ 3ᴰᴱᶠ 1☰.

2 "Please listen closely to hear instructions" will be displayed and you will hear "Now training control words. Please say the word yes".

3 Say "Yes". You will hear "Again". Say "Yes" again. You will hear "Training word successful".

NO

Use to train or untrain the Voice Recognition with the control word, "No".

1 Press ⸱⸱ [MENU] 8ᵀᵁⱽ 1☰ 3ᴰᴱᶠ 2ᴬᴮᶜ.

2 "Please listen closely to hear instructions" will be displayed and you will hear "Now training control words. Please say the word no".

3 Say "No". You will hear "Again". Say "No" again. You will hear "Training word successful".

WAKE-UP

Use to train or untrain the Voice Recognition with the control word, "Wake-Up".

1 Press ⸱⸱ [MENU] 8ᵀᵁⱽ 1☰ 3ᴰᴱᶠ 3ᴰᴱᶠ.

2 "Please listen closely to hear instructions" will be displayed and you will hear "Now training control words. Please say the word Wake-Up".

3 Say "Wake-Up". You will hear "Again". Say "Wake-Up" again. You will hear "Training word successful".

UNDO TRAIN ALL

Undo Train All erases all "trained" words.

1 Press ⸱⸱ [MENU] 8ᵀᵁⱽ 1☰ 3ᴰᴱᶠ 4ᴳᴴᴵ.

2 "Undo voice recognition for all procedures?" will be displayed. Press OK [OK] to undo all trained words.

● VOICE SETTING

SET ACTIVE

Allows the user to activate or deactivate voice dial service.

1 Press ⬚ [MENU] 8ᵀᵁⱽ 1🔠 4ᴳᴴᴵ .

2 Select "Active Flip" or "Send Key" by pressing the Navigation Key left or right.

3 To activate, press OK .

HFK MODE

While using the Hands Free Kit, activates or deactivates the voice recognition function.

1 Press ⬚ [MENU] 8ᵀᵁⱽ 1🔠 4ᴳᴴᴵ .

2 Scroll to HFK Mode. Select "On" or "Off" by pressing the Navigation Key left or right.

3 To activate, press OK .

Voice Recognition (VR) enables you to place calls using your voice and to record voice memos.

1 Press and hold SEND until your phone turns to Voice Recognition mode.

> **NOTE** *If there are no recorded voice dials, "No entries recorded" message will be displayed.*

2 "Please say the name after the prompt tone" will be displayed and you will hear "Name please".

● NAME

1 Press and hold SEND until your phone turns to Voice Recognition mode.

2 Say a tag name when prompted. The member and name will appear on the display and you will hear "Calling (Name)".

Chapter 6

VOICE MAIL, TEXT AND PHOTO MESSAGE

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1 When a new message arrives, the screen will show "Msg. arrived."

2 To read the message, press ⚬ [READ].

To send a new text message:

1 Press ⚬ [MENU] 3ᴰᴱꜰ 1▧ .

2 Under "Send To", input the phone number, then press ᴼᴷ .

> ● By pressing ⚬ [MENU], you can choose from the following:
> **1. Find:** Search for a phone number that is stored in the phone book.
> **2. Save:** Stores the phone number the message was sent to.
> **3. Msg. Group:** Search the group that is stored in the contacts list.

3 Under "Message", input a new text message, then press ᴼᴷ .
(Refer to page 31 for more details on entering letters, numbers and symbols.)

> ● By pressing ⚬ [MENU], in the message input screen you can choose from the following:
> **1. Insert Quick Text:** Inserts text in Text Msg.
> **2. Insert Sound:** Inserts sound in Text Msg.
> **3. Insert Picture:** Inserts picture in Text Msg.
> **4. Insert Animation:** Inserts Animation in Text Msg.
> **5. Save to Quick Text:** Saves the written sentences into Quick Text.

4 The default call back number is automatically input into the Default CB# field.
To edit, press ᴼᴷ [EDIT].

5 Press the Navigation Key down for more fields. Under "Priority", select "Normal" or "Urgent".

6 Under "Insert Signature", select "On" or "Off".

7 7.1. To send the text message, press ⚬ [MENU], select "Send", then press ᴼᴷ .

7.2. To save the text message, press ⚬ [MENU], select "Save to Outbox", then press ᴼᴷ .

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To send a new photo message:

1 Press ⟨MENU⟩ 3DEF 2ABC .

2 Phone goes into camera mode automatically.
Take a picture, then press OK .
(Refer to page 90 for more details on taking a photo.)

3 Under "Send To", input the phone number, then
press OK .

● By pressing ⟨MENU⟩, the user can choose from the following:
1. Find: Allows the user to search for phone numbers that are
stored in the phone book.
2. Save: Stores the phone number the message was sent to.
3. Msg. Group: Search the group that is stored in the contacts list.
4. Online Album: To send pictures by using the online
Address Book.

4 Under "Message", input a new text message,
then press OK .

● By pressing ⟨MENU⟩, the user can choose from the following:
1. Take Photo: To take a new photo.
2. Voice Record: To record a voice memo.
3. Insert Q.Text: To insert already saved sentences into
text message.
4. Insert/Delete Photo: To insert/delete a picture from your
photo gallery.
5. Insert/Delete Sound: To Insert/delete a sound in Photo Msg.
6. Insert/Delete Slide: To insert/delete a picture in Photo Msg.
7. Slide Duration: To select a slide duration time.

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5 7.1. To send the photo message, press ⟨MENU⟩,
select "Send", then press OK .

7.2. To save the photo message, press ⟨MENU⟩,
select "Save to Outbox", then press OK .

● By pressing ⟨MENU⟩, the user can choose from the following:
1. Send: To send a photo message.
2. Preview: To preview a photo message.
3. Send to Outbox: To save a message to "Outbox" folder.
4. Priority: To select priority "Normal" or "High".
5. Expiration: To select expiration time "Off", "1 day", "2 days",
"3 days", "4 days" or "5 days".

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Displays the number of voice mails and accesses them by pressing [SEND] .

1 To access your voice mail,
press [···] [MENU] [3DEF] [3DEF] .

FIRST TIME USER

1 Dial *86, then press [SEND] .

2 At the recording, press [#] .

3 Follow the voice tutorial to set up your account.

EXISTING USER

1 Dial *86, then press [SEND] .

2 At the recording, enter your 4 digit password,
then press [#] .

3 To listen to new messages, press [1] .

The Inbox manages received text messages. To access:

1 Press [···] [MENU] [3DEF] [4GHI] .

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

2 Select a message, then press [OK] .
The message is displayed. To delete a message,
press [···] [ERASE].

3 Press [···] [MENU] to view options.

*PHOTO INFO

1 Select [Photo Info] to display the photo message
information.
(Refer to page 110 "NOTE" for more details.)

**PLAY SLIDE SHOW

A slide show consists of up to 3 pictures in one message including
text and/or sound.

1 Select [Play Slide Show] to play all slides in a
slide show from a photo message. There is a
5 second interval between slides.
(Refer to page 110 "NOTE" for more details.)

REPLY

1 Select [Reply] to reply to the message.

2 Type your reply, then press [OK] .

REPLY WITH COPY

1 Select [Reply With Copy] to reply to a message and include a copy of the received message.

2 The default call back number is automatically input into the Default CB# field. Press [ok] to edit it.

3 Under "Insert Signature", select "On" or "Off".

4 To send the text message, press [ok] [SEND].

5 To save the text message, press [⋯] [MENU] and select the "Save to Outbox" then press [ok].

FORWARD

1 Select [Forward] to forward the message to another person.

2 Input the phone number of the person you are sending the message to, then press [ok].

3 Input any text message to go along with the forwarded message, then press [ok].

***SAVE MEDIA

1 Select [Save Media] to save the picture from the received message to the media gallery folder. (Refer to page 110 "NOTE" for more details.)

SAVE TO CONTACT

1 Select [Save to Contact] to save the contact information from the message to your contact list.

SAVE TO SAVED

1 Select [Save] to save the message in the Saved folder of your phone.

SAVE TO QUICK TEXT

1 Select [Save to Quick Text] to save the received text message to the Quick Text list.

****BLOCK SENDER

1 Select [Block Sender] to block all incoming messages from the sender of the message.

LOCK & UNLOCK

1 Select [Lock & Unlock] to lock or unlock the message. When the message is locked, it prevents it from being deleted.

2 Select "Lock" to lock the message or "Unlock" to unlock the message, then press [ok].

NOTE

- "*Photo Info" menus appear only when you receive a photo message.
- "**Play Slide Show" menus appear only when you receive a photo message.
- "***Save Media" menu appears only when you receive a photo message or EMS message.
- "****Block Sender" menu appears only when you receive a text message.

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The Outbox manages sent text messages or messages waiting to be sent.

CHECKING SENT TEXT MESSAGES

1 Press [MENU] (3DEF) (5JKL) .

- ● : Cancle Msg
- ● : Fail Msg
- ● : Not Sent Msg
- ● : Sent Msg

2 2.1. Select a message, then press [OK] .
The text message is displayed.

2.2. To erase message, press [ERASE].

3 Press [MENU] for more options.

*PHOTO INFO

1 Select [Photo Info] to display the photo
message information.
(Refer to page 112 "NOTE" for more details.)

RESEND

1 Select [Resend] to resend the message.

EDIT MESSAGE

1 Select [Edit Message] to edit the message.

2 Input a text message, then press [OK] .

3 Input the phone number, then press [OK] .

SAVE TO CONTACT

1 Select [Save to Contact] to save the number to
your contacts list.

SAVE TO SAVED

1 Select [Save] to save the message in your Saved
folder.

LOCK & UNLOCK

1 Select [Lock & Unlock] to lock or unlock the
message.

2 Select "Lock" to lock the message or "Unlock"
to unlock the message, then press [OK] .

**STATE

1 Select [State] to display the status of the
message.

NOTE
- "*Photo Info" menus appear only when you receive a photo
message.
- "**State" menu appears only when you receive a text message.

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WEB ALERTS

When a message includes a URL or web address, it stores in this area.

1 Press [MENU] 3ᴰᴱꜰ 6ᴹᴺᴼ .

2 To select GoTo, press .
To select Erase Message, press .

3 The Web Alerts message will be displayed.

- : Web Alerts Unread
- : Web Alerts Read
- : Web Alerts Multi
- : Web Alerts Expire
- : Web Alerts Store

SAVED

This is a folder that stores saved messages from the Inbox/Outbox.

1 Press [MENU] 3ᴰᴱꜰ 7ᴾQᴿˢ .

2 2.1. Select a text message then press OK .
The text message is displayed.

2.2. To erase message, press [ERASE].

3 Press [MENU].

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

- To select inbox menu : *Photo Info, **Play Slide Show, Reply, Reply With Copy, Forward, Save to Quick Text, ***Save Media, Block Sender, Save to Contact, Lock & Unlock

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

- To select outbox menu : *Photo Info, Resend, Edit Message, Save to Contact, Lock & Unlock, ****State

5 Select one by pressing OK .

NOTE
- "*Photo Info" or "**Play Slide Show" menu only appears when you receive a photo message.
- "***Save Media" menu appears only when you receive a photo message or EMS message.
- "****State" menu appears only when you receive a text message.

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QUICK TEXT

Quick Text is a short message that you can use over and over again, when sending a text message or photo message. Here, you can edit the Quick Text messages that you have saved or add new ones.

1 Press ⚬⚬ [MENU] 3DEF 8TUV .

2 2.1. Select a message from the list. Press ⚬⚬ [MENU].

2.2. To add a new quick text message, press 1▦ [ADD NEW]. To edit the quick text message you have selected, press 2ABC [EDIT].

3 To erase the saved quick text message, press ⚬⚬⚬ [ERASE].

ERASE MESSAGES

1 Press ⚬⚬ [MENU] 3DEF 9WXYZ .

2 1. To erase all the inbox messages, press 1▦ .

● Read Msg : To erase all messages already read.
(However, the locked Message(s) will not be deleted).
● Read & Unread Msg : To erase all messages.

2. To erase all the outbox messages, press 2ABC .

3. To erase the saved messages, press 3DEF .

3 Select ⬛ [OK] or ⚬⚬⚬ [CANCEL].

Manages messaging features through various features.

● AUTO SAVE

SAVE SENT MSG

1 Press ⚫ [MENU] 3ᴰᴱ 0ᵂᶻ 1 .

2 Press 1 .
Select either "Off", "On" or "Prompt" with the Navigation Key.

3 Press OK .

PHOTO RECEIVE

1 Press ⚫ [MENU] 3ᴰᴱ 0ᵂᶻ 1 .

2 Press 2ᴬᴮᶜ .
Select "Automatic" or "Prompt" with Navigation Key.

3 Press OK .

● AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

INBOX

1 Press ⚫ [MENU] 3ᴰᴱ 0ᵂᶻ 2ᴬᴮᶜ .

2 Press 1 .
Select "Disable" or "Enable" with Navigation Key.

3 Press OK .

OUTBOX

1 Press ⚫ [MENU] 3ᴰᴱ 0ᵂᶻ 2ᴬᴮᶜ .

2 Press 2ᴬᴮᶜ .
Select "Disable" or "Enable" with Navigation Key.

3 Press OK .

DEFAULT CALLBACK

Edits a default callback number so that the recipient can callback or reply.

1 Press [••] [MENU] ③⁰ᵉᶠ ⓪⁺ .

2 Press ③⁰ᵉᶠ .
Input a callback number, then press [OK] .

● You can look it up from the phone book by pressing [•••] [FIND].

EDIT VOICE CALLBACK

1 Press [••] [MENU] ③⁰ᵉᶠ ⓪⁺ .

2 Press ④ᴳᴴᴵ .
Input a new voice callback number or edit voice call back number.

● You can look it up from the phone book by pressing [•••] [FIND].

3 Press [OK] .

REMIND

1 Press [••] [MENU] ③⁰ᵉᶠ ⓪⁺ .

2 Press ⑤ᴶᴷᴸ .
Select "Off" or "On" with the Navigation Key.

3 Press [OK] .

EDIT SIGNATURE

Create a signature that can automatically be inserted at the end of a message.

1 Press [••] [MENU] ③⁰ᵉᶠ ⓪⁺ .

2 Press ⑥ᴹᴺᴼ .
To input "Signature", put the cursor on Edit Signature, then enter Signature Edit window by using right or left direction keys.

3 To activate Signature function, put the cursor on Insert Signature, then select "On" by using right or left direction keys. To deactivate Signature function, select "Off".

4 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 Messaging Menu-> Inbox.

1 Press [••] [MENU] ③⁰ᵉᶠ ⓪⁺ .

2 Press ⑦ᴾᴼᴿˢ .
Select "Off" or "On" with the Navigation Key.

● Off : Set to read msg through the Messaging Inbox menu.
● On : Set to read msg without going to Messaging Inbox menu.

3 Press [OK] .

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ENTRY MODE

This sets the default for text entry mode. Alpha Mode is for entering alphabets one letter at a time. T9 mode is for entering common word that is stored in the phone's built-in dictionary.

1 Press ⸱⸱ [MENU] 3DEF 0 .

2 Press 8TUV .
Select "Alpha Mode" or "T9 Mode" with the Navigation Key.

3 Press OK .

BLOCK OR UNBLOCK

This allows you to block or unblock email address(es).

1 Press ⸱⸱ [MENU] 3DEF 0 .

2 Press 9WXYZ .
Select "Block", "Unblock" or "View List of Blocked Addresses" with the Navigation Key.

- Block : Enter the address to block.
- Unblock : Enter the address to remove from block.
- View List of Blocked Addresses : Display the blocked list on LCD.

3 Press OK .

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Chapter 7

WEB BROWSING

This chapter addresses Internet services and web browsing. For more detailed information contact your service provider.

■ START INTERNET BROWSER

■ BROWSER MENU

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START INTERNET BROWSER

ACCESS THE INTERNET

1 To start your Internet browser and access websites through your wireless handset, press ⚬⚬ [MENU] 5JKL 1☺ or 📱 .

BROWSER MENU

The browser menu lists the actions necessary to operate the browser. To access press ⚬⚬ [MENU] 5JKL 1☺ ⚬⚬ 2ABC .

HOME

When the home item is selected from the browser menu, the phone displays the home page.

1 To display the homepage, press ⚬⚬ [MENU], then press 1☺ .

BACK

1 To return to the previous page, press ⚬⚬ [MENU], then press 2ABC .

HISTORY

The history list is available from the Browser Menu and the user may delete all items from the history.

1 To select "History", press ⚬⚬ [MENU], then press 3DEF .

BROWSER MENU

SETTINGS

1 To select "Settings", press ⚬⚬ [MENU], then press 4GHI .

- **Downloads :** Selecting the "Downloads" item allows the user to enable/disable downloading images, background sounds, and object downloads when a URL is accessed.

- **Restart Browser :** Selecting "Restart Browser" causes the history and cache to be cleared and returns the user to the homepage.

- **Scroll Mode :** Selecting "Scroll Mode" from the Settings menu allows the user to select the way text scrolls and the scroll speed.

- **Send Referrer :** When the "Send Referrer" item is selected from the Settings menu, the browser allows the user to turn on or off sending the referrer URL.

- **Key Press Time Out :** When the "Key Press Timeout" item is selected from the Settings menu, the browser allows the user to set the key press timeout as fast, medium or slow. Medium is 1.5 seconds, slow 2 seconds and fast is 1 second. The key press timeout is the period of time after which the cursor auto-advances to the next entry position. In most cases, a single key can be used to enter more than one character. Each time the key is pressed the last character of the line is replaced by the next choice for that key. As long as the same key is re-pressed within key press timeout, the last character cycles between all the choices for the key.

- **Connection Time Out :** When the Connection Timeout item is selected from the Settings menu, the browser allows the user to set the connection timeout. The connection timeout determines how long the browser will wait for a response from the network for a network request.

● **CLEAR**

The user may clear cache, history, cookies and auto fill from the memory.

1 To select "Clear", press [MENU],
then press 5JKL .

● **SHOW URL**

Displays the current URL.

1 To select "Show URL", press [MENU],
then press 6MNO .

● **RELOAD**

Selecting the refresh item from the browser menu refreshes the current page.

1 To select "Reload", press [MENU],
then press 7PQRS .

● **SEND LINK**

Send Link item lets the user send the URL of the current site using SMS.

1 To select "Send Link", press [MENU],
then press 8TUV .

● **EXIT**

1 To exit browser, press [MENU],
then press 9WXYZ .

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Chapter 8

SAFETY AND WARRANTY

This chapter addresses the safety guidelines and precautions to follow when operating your phone. Before operating your phone, please be aware of all the safety details.

This chapter contains the terms and conditions of services and the warranty for your phone. Please review them thoroughly.

■ SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

■ SAFETY INFORMATION FOR FCC RF EXPOSURE

■ SAR INFORMATION

■ FCC HEARING-AID COMPATIBILITY (HAC) REGULATIONS FOR WIRELESS DEVICES

■ FDA CONSUMER UPDATE

■ PROTECT YOUR WARRANTY

■ 12 MONTH LIMITED WARRANTY

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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 phone 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.

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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.*

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● 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 phone 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 phone 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 phone OFF where posted notices so require.

● OTHER SAFETY GUIDELINES

AIRCRAFT

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

BLASTING AREAS

To avoid interfering with blasting operations, turn your phone 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 phone 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.

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SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

● 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!
- This product contains a chemical known to the State of California to cause cancer.
- This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SAFETY INFORMATION FOR FCC RF EXPOSURE

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.

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 governmentadopted 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 1.15
W/Kg and when worn on the body, as described in this user guide, is
0.393W/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 PP4PN-E218.

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 substantial margin of safety to give
additional protection for the public and to account for any variations in
measurements.

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

M3 + M2 = 5
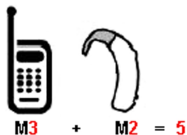
In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

For information about hearing aids and digital wireless phone

- **Fcc Hearing Aid Compatibility and Volume Control**
  http://www.fcc.gov/cgb/dro/hearing.html

- **Gallaudet University, RERC**
  http://tap.gallaudet.edu/DigWireless.KS/DigWireless.htm

- **Self Help for Hard of Hearing People Inc. [SHHH]**
  www.hearingloss.org/hat/TipsWirelessPhones.htm

- **The Hearing Aid Compatibility FCC Order**
  http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

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.

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 or-ganizations. 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 phone 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 us-ing 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/)

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

"Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling, 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 Pantech product. Be careful. Some of these products may not be compatible to use with your Pantech product and may damage the unit or cause it to malfunction. If service is required on your unit and it is determined that a non-Pantech accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason 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 Pantech product.

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PANTECH WIRELESS, INC.

11240 Warland Drive, Cypress, CA 90630 (800) 962-8622

Pantech Wireless, Inc. (the Company) warrants to the original retail purchaser of this Pantech handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) months 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 antenna, key pad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

(a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

(b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

(c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company by calling the number listed below or to the place of purchase for repair or replacement processing.

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12 MONTH LIMITED WARRANTY

In addition, you may telephone us at (800) 962-8622, or email us at **HandsetHelp@Pantech.com**

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

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 or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential 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 rights which vary from state to state or province to province.