User Guide

OM8630VW

COUPE™

User Guide

Coupe™

User Guide

Coupe

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CHAPTER 1
**GETTING
STARTED**

This chapter provides important information about using the Coupe including:

Package Contents
Coupe at a Glance
Display Indicators and Icons
Battery Usage

PACKAGE CONTENTS

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

Handset

Standard Battery
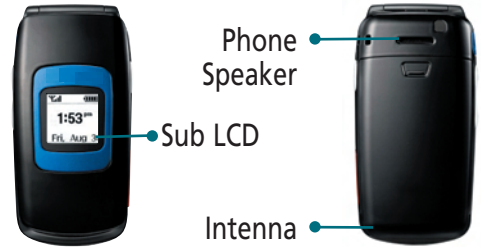
User Guide

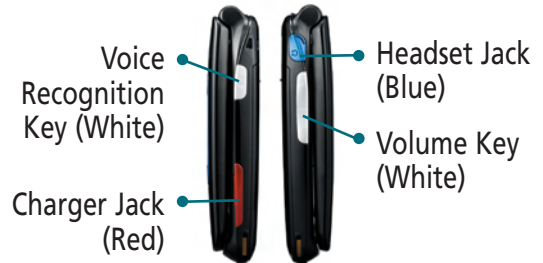Desk Top Cradle

Travel Charger

COUPE AT A GLANCE

• Weights: 3.3 ounce
• Dimensions: 3.8" x 1.8" x 0.76"

Phone Speaker

Sub LCD

Intenna

Voice Recognition Key (White)

Charger Jack (Red)

Headset Jack (Blue)

Volume Key (White)

Display Indicators

Display

Left Soft Key Indicator

Right Soft Key Indicator

Navigation Key

ICE (In Case of Emergency) Keys

OK Key

Left Soft Key

Right Soft Key

Speakerphone Key

Volume Keys

AVR Key

911 Key

END/PWR Key

SEND Key

CLR Key

Vibrate Key

Key(s)	Description
	To move up, down, left, and right through the menu options.
	To display Menu options.
	To display your Contacts list.
	To turn on or off the speakerphone.
	To call 911.
	In Case of Emergency Keys: Assign preferred 3 numbers. For further details, see page 33.
	Advanced Voice Recognition (AVR): You can use voice commands for contact name, redial, voice mail, and speakerphone.
	To adjust volume for earpiece and ringer.
	To select for selecting a menu or to confirmation.
	To enter or exit Vibrate mode. To insert space character in text entry mode.

COUPE AT A GLANCE

Key(s)	Description
	To make and answer calls. In idle mode, displays the All Calls list.
	To turn the power on/off and to end a call. Also returns to the main screen.
	To enter an international dialing prefix(011, +). To change Text Entry Mode when entering text in messages or contacts.
CLEAR	To clear a digit from the display or to return to the previous page.

DISPLAY INDICATORS AND ICONS

Icon(s)	Description
Y.ıl	Signal Strength Indicator.
	Battery Strength Indicator.
▲	You are roaming outside your home network.

DISPLAY INDICATORS AND ICONS

Icon(s)	Description
	TTY is active.
	New TEXT message.
	Your phone is outside network coverage area.
	Voice Recognition Microphone is activated.
	You have voicemail message.
	Displays only when a prompt appears in the AVR mode.
	You have missed calls.
	Speakerphone is activated.
	Alarm is set to on.
	Vibration mode is activated.
	There are new voice mails.
	Event Alarm is active.
	All Sounds Off.
	Alarm Only.

BATTERY USAGE

Insert Battery

❶ Insert the gold-colored contact end of the battery into the battery slot.

❷ Press the bottom side of the battery as below.

❸ Fit in the battery cover on the guide rail and push up with both hands.

Removing Battery

❶ Remove the battery cover from the unit.

❷ Push the bottom of the battery upwards.

❸ Remove the battery as below.

BATTERY USAGE

Charging Your Battery

■ **Charging With Travel Charger**

❶ Plug the Travel Charger connector into a standard AC outlet.

❷ Put the charging connector of travel charger into the charger slot on the right side of the device.

BATTERY USAGE

■ **Charging With the Desk Top Cradle**

❶ Plug the Travel Charger into a standard AC outlet.

❷ Connect the charging connector (RED) to the Desk Top Cradle(RED) as shown below.

❸ Place your handset in the cradle.

> **NOTE** Travel Charger connector and charger jack have same red color. You can charge the device if you match the red color.

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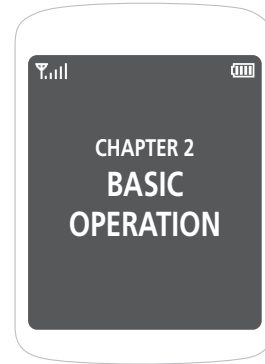
This chapter addresses and explains the basic features of your cellular telephone including:

Turning the Phone On/Off
Basic Function
To Make an Emergency Call

Turning the Phone On/Off

❶ Press and hold the END/PWR Key for at least 4 seconds.

Making a Call

❶ Enter the area code and phone number from Idle mode. Press the Send Key .

📖 • Press the Clear Key CLEAR to clear one digit at a time.
NOTE
• Press and hold Clear Key CLEAR to clear all the digits.
• **Idle mode:** The mode your phone is in when it is turned on, but not making a call or performing any other activity.

Answering a Call

❶ Press the Send Key .

❷ If your answer type is set to [Any Key], press any key except the END/PWR Key , Speakerphone Key and Clear Key CLEAR .

📖 • To ignore incoming calls, press the Right Soft Key [Ignore].
NOTE
• To silence the ringer, press the Left Soft Key [Silence].

Ending a Call

❶ Press the END/PWR Key .

📖 Once the call is completed, a call summary (displaying the recipient's name or number, and the call length) is displayed.
NOTE

Caller ID
The caller ID must be stored in Contact list to display the name and the number of caller. If the caller information is not available at Contact list, only phone number is displayed.

Call Waiting

❶ To answer another call during on a call, press the Send Key 🔲 .

❷ To switch back to the first caller, press the Send Key 🔲 again.

Earpiece Volume Adjustment
To Adjust the Earpiece volume:

❶ Press the Side Volume Keys ▐▌ up or down during a call.

Multi-Party Calls
This function is a network service that allows up to two people to take part in a multi-party or conference call simultaneously.

❶ Call the first participant.

❷ Call the second participant. The first call is automatically put on hold.

❸ To join the first participant to a multi-party call, press the Send Key 🔲 .

Speakerphone
This function enables you to speak on Speakerphone during a call.

❶ Activates speakerphone during a call by pressing the Speakerphone Key 🔘 .

Add 2-Sec Pause/Wait

Pause codes are used for automatic systems. (i.e., voice mail, calling card and etc.) The numbers entered after the pause will automatically be dialed after the pause. This feature is useful for dialing into systems that require a code.

To add pause codes, do the following:

❶ After entering the number, select the Right Soft Key ⦿ [Options]. And take one of the following options:

Add 2-Sec Pause — To dial the contact number, pause for 2 seconds, and dial a secondary number or extension. "P" appears in the dialing string.
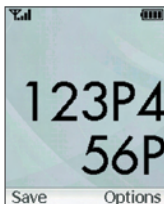
Add Wait — To dial the contact number and wait before sending a secondary number.
The secondary number can be entered as part of the dial string or it can be entered manually. "W" appears in the dialing string.
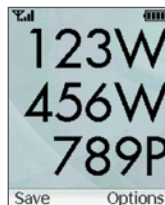
❷ Press the Send Key ▭ to dial or Left Soft Key ⦿ [Save] to store the number in your contacts.

To add pause codes to phone numbers in contact list, please take the following steps.

Editing 2-Sec Pause/Wait

❶ Choose Contacts, choose the contact you wish to modify, and choose Edit.

❷ Choose Option (Right Soft Key ⦿ [Options]) ➜ Add 2-Sec Pause or Wait ➜ ⦿ ➜ save by pressing Left Soft Key ⦿ [Save].

Mute (Unmute)

This function temporarily switch your phone's microphone off so that the person you talk to on your phone cannot hear you.

❶ To turn on the Mute function during a call, press the Left Soft Key ⦿ [Mute].

❷ To turn off, press the Left Soft Key ⦿ [Unmute].

📖 NOTE The phone will automatically unmute in Emergency Call or Callback mode.

Options During a Call

This function enables you to display menu options during a call, press the Right Soft Key ⦿ [Options].

Contact List
To review your contacts list.

Recent Calls
To review the Recent Calls List.

Phone Info
To view your phone's information.

Main Menu
To access the phone's main menu.

TO MAKE AN EMERGENCY CALL

This function enables you to make emergency calls by pressing the 911 Key 911 .

1 Press and hold **"911** 911 **"** the display reads "Call 911?".

2 Pess Left Soft Key ·· [Yes].

NOTE You can also enter 911 using the keypad.

Call 911?

?

Yes   No

Tᵢₗₗ

CHAPTER 3
FUNCTIONS
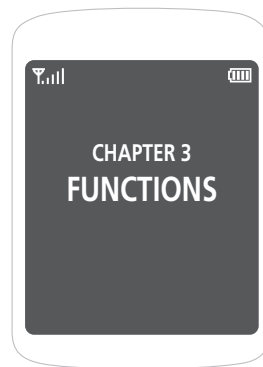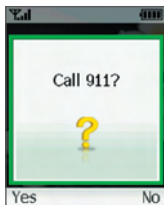
This chapter addresses accessing the menu and using its functions and features to customize your phone.

Contacts
Recent Calls
Messaging
Tools
Settings
Phone Info
Voice Recognition

You can store up to 500 contacts in your phone.

How to Create A New Contact

1 Using the keypad, enter the phone number of the contact you wish to save.

2 Press the Left Soft Key ⦾ [Save].

3 Select 1️⃣ [New Contact].

4 Use the Navigation Key ◉ to scroll to one of the following options then press ⓞⓚ to select:

- **Mobile 1** - The primary mobile phone number. This is the default.
- **Home** - The home phone number.
- **Work** - The Office phone number.
- **Mobile 2** - The secondary mobile phone number.
- **Other** - The other phone number.

5 Using the keypad, enter the name of the contact.

📖 For more information on Entering NOTE Text see page 50.

6 Press the Left Soft Key ⦾ [Save].

Contact List
This function enables you to review and edit all the entries stored in your contact list.

1 Press the Right Soft Key ⦾ [Contacts] or Left Soft Key ⦾ [Menu] → 1️⃣ [Contacts] → 1️⃣ [Contact List].

2 To manage entries first use the Navigation Key ◉ to scroll to the Contact, then press the Right Soft Key ⦾ [Options] to select from the following functions.

- **New Contact:** To add a New contact.
- **Edit Contact:** To edit a contact.
- **Erase Contact:** To delete a contact.
- **Set as Emergency:** To set as an In Case of an Emergency number.
- **Send TXT Message:** To create a TXT message.
- **Erase All:** To delete all names in the contact list.

❸ To see the entry detail information, press the Left Soft Key 🔘 [View].

Edit Contact
This function enables you to change the information you have saved for a contact:

❶ Press the Right Soft Key 🔘 [Contacts], or press the Left Soft Key 🔘 [Menu] ➜ 1️⃣ [Contacts] ➜ 3️⃣ [Edit Contact].

❷ Press the Navigation Key 🔘 up or down to scroll to the Contact you wish to edit, then press 🆗 .

❸ Press the Left Soft Key 🔘 [Edit] to change the information in one of the following fields:

- **Name** - The name of the contact. This number is displayed in the contact list. If no name is stored, only the phone number or address is displayed in the contact list.
- **Mobile1** - The primary mobile phone number. This is the default.
- **Home** - The home phone number.
- **Work** - The office phone number.
- **Mobile2** - The secondary mobile phone number.
- **Other** - The other phone number.

- **Ringtone** - A selective ringtone for each caller.

- **Picture** - You can assign pictures transmitted via EMS network.

❸ Press the Left Soft Key ⊙ [Save] to save the changes.

Erase Contact

❶ Press the Right Soft Key ⊙ [Contacts], or press the Left Soft Key ⊙ [Menu] → 1️⃣ [Contacts] → 4️⃣ [Erase Contact].

❷ Press the Navigation Key ◉ up or down to select the contact you wish to delete.

❸ Press the Left Soft Key ⊙ [Erase].

❹ Press the Left Soft Key ⊙ [Yes].

❷ Press the Left Soft Key 😐 [Assign].

- **From Contacts:** Press the Left Soft Key 😐 [View] ➔ Left Soft Key 😐 [Assign], and "Speed Dial Number Assigned" will be displayed.

- **Enter Number:** Press the Left Soft Key 😐 [Save] and "Contact Saved and Added as Speed Dial Number" will be displayed.

- **97 - #BAL:** For the billing balance.

- **98 - #MIN:** For the minutes used.

- **99 - #PMT:** To pay a bill with a one-time payment or other payment option.

In Case of Emergency Contacts
This function enables you to organize your emergency contacts and information.

■ Adding Emergency Contacts

- 1: Press 🔲 , 🔲 , 🔲 , then press the Left Soft Key 😐 [Yes].

    OR

    Press the Left Soft Key 😐 [Menu] ➔ 1️⃣ [Contacts] ➔ 6️⃣ [In Case of Emergency].

  2: Choose Contact 1, Contact 2, or Contact 3 by pressing the Navigation Key 🔘 up or down, then press the Left Soft Key 😐 [ASSIGN].

  3: Press the Navigation Key 🔘 up or down to select From Contacts or Enter Number, then press 🆗 .

4: If From Contacts is selected, using the Navigation Key ◎ scroll to search for a phone number which is stored in the contacts list, then press the Left Soft Key ⊙ [Select].

5: If Enter Number is selected, using the keypad enter the Name and Number of the contact, then press the Left Soft Key ⊙ [Save]. Once your phone is programmed with your information, press and hold one of these keys to call the programmed contact.
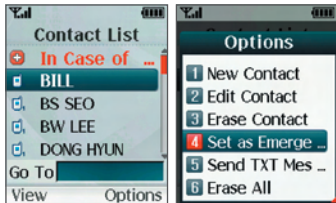
■ **Calling an Emergency Contact**

• Press the ▮ , ▬ or ▬ Key shortly and press the Left Soft Key ⊙ [Call] to call the assigned caller.

■ **Sending a Message to an Emergency Contact**

• Press the ▮ , ▬ or ▬ then press the Right Soft Key ⊙ [Message] to send a message to the emergency contact.

📖 For further information on sending Text Messages, see page 47.

■ **Organizing Emergency Contacts**

• 1: Press the Right Soft Key ⊙ [Contacts]. Press ⊙⊙ to select [In Case Of Emergency].

2: Press Navigation Key ◎ up or down to select the contact you would like to organize.

3: Press the Left Soft Key ⊙ [View] or Right Soft Key ⊙ [Options]. Following options are available: Call, Reassign and Unassign.

• **Call** - To call the contact assigned to that In Case of Emergency Key.

- **Reassign** - To assign a new contact to that In Case of Emergency key.

- **Unassign** - To delete the contact from that In Case of Emergency key.
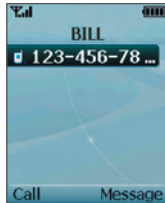
■ **Personal Info**
This function enables you to add personal notes, including allergies, medications and other health information.

❶ Press the Left Soft Key ⊙ [Menu] ➔ 1️⃣ [Contacts] ➔ 6️⃣ᴹᴺᴼ [In Case of Emergency].

❷ Press the Navigation Key ◉ up or down to select "Personal Info".

❸ Press the Left Soft Key ⊙ [View].

❹ Press the Navigation Key ◉ up or down to choose Note 1, 2 or 3, then press the Left Soft Key ⊙ [Add].

❺ Using the keypad, enter the information you would like to add, then press the Left Soft Key ⊙ [Save].

My Name & Number
This function enables you to create your own business card, so that you can send all your details upon request by TXT message.

■ **Enter Your Name**

❶ Press the Left Soft Key ⊙ [Menu] ➔ 1️⃣ [Contacts] ➔ 7️⃣ᴾᑫᴿˢ [My Name & Number].

CONTACTS

2 Enter your name in the "My Name" field. Press the Left Soft Key 😐 [Save].

■ **Edit Your Name and Number**

1 Press the Left Soft Key 😐 [Menu] → 1️⃣ [Contacts] → 7️⃣ᴾ�QᴿS [My Name & Number].

2 To edit press the Left Soft Key 😐 [Edit] or to send press the Right Soft Key 😐 [Send].

📝 For more information on sending text messages see page 47.

```
Yₐₗ                    ▥
   My Name &
    Number
My Number:
010-529-99028
My Name:
Bill

Edit              Send
```

RECENT CALLS

When you place, miss, or receive a call, a record of the call is saved in Recent Calls, which is a listing of the different types of calls you can either receive or make. The following items will appear in this menu: Missed Calls, Dialed Calls, Answered Calls, All Calls, and Call Timers.

Missed Calls
Displays any missed calls.

1 To see a list of the 90 most recently missed calls, press the Left Soft Key 😐 [Menu] → 2️⃣ᴬᴮᶜ [Recent Calls] → 1️⃣ [Missed Calls].

📝 If the number is already stored in your contacts, only the name appears. If the number is not stored, only the phone number appears.

2 Press the Right Soft Key 😐 [Options] for the following: Details, Save, Send TXT Message, Erase & Erase All.

- **Details:** Displays details about the caller if entered in the Contact List. Press the Right Soft Key [Options] for the following options: Call, Set Speed Dial, Add Picture ID, Set as Default, Erase Contact, Send TXT Message.

- **Save:** Save the phone number.

- **Send TXT Message:** To send a TXT message to the caller.

- **Erase:** To erase a missed calls entry.

- **Erase All:** To erase all missed calls entries.

Options may vary based upon whether or not you have already saved the name or number.

Dialed Calls

Displays the dialed calls list showing the time and date of dialed calls as well as the number or name of the person you called.

❶ You can see a list of the 90 most recently dialed numbers. Press the Left Soft Key [Menu] → 2ᴬᴮᶜ [Recent Calls] → 2ᴬᴮᶜ [Dialed Calls].

If the number is already stored in your contacts, the name appears. If the number is not stored with a contact name, only the phone number appears.

❷ Press the Right Soft Key [Options] for more options.

For further details on the options available, see Missed Calls on page 39.

Answered Calls

This function displays the answered calls list showing the name and number of caller. You can also see the time and the date of the answered call.

❶ Press the Left Soft Key 💬 [Menu] → 2ABC [Recent Calls] → 3DEF [Answered Calls].

📓 If the number is already stored in your contacts, the name appears. If the number is not stored with a contact name, only the phone number appears.

❷ Press the Right Soft Key 💬 [Options] for more options.

For further details on the options available, see Missed Calls on page 39.

All Calls

This function enables you to view all missed, received, or dialed call records.

❶ Press the Send Key ▨ to view All Calls.

OR

Press the Left Soft Key 💬 [Menu] → 2ABC [Recent Calls] → 4GHI [All Calls].

📓 If the number is already stored in your contacts, the name appears. If the number is not stored with a contact name, only the phone number appears.

❷ Press the Right Soft Key 💬 [Options] for more options.

For further details on the options available, see Missed Calls on page 39.

Call Timers

This function displays information on call times. The 7 timers include the following: Last Call, All Calls, Received Calls, Dialed Calls, Last Reset, Roam Calls, Lifetime Calls:

❶ Press the Left Soft Key ⊙ [Menu] ➔ 2ᴬᴮᶜ [Recent Calls] ➔ 5ᴶᴷᴸ [Call Timers].

- **Last Call:** Displays the length of last call.

- **All Calls:** Displays the length of all calls.

- **Received Calls:** Displays the length of all received calls.

- **Dialed Calls:** Displays the length of all calls you've placed.

- **Last Reset:** Displays the last date and time you reset the Call Timers.

- **Roam Calls:** Displays the roaming call time.

- **Lifetime Calls:** Displays the length of calls for the lifetime of the phone.

MESSAGING

In the Messaging Menu, you can access your Voice Mail Box, and Send and Receive Text Messages. You can also send and receive text messages that contain graphics and sounds.

Voice Mail

If someone calls when you're away from your phone or when your phone is off, they can leave a Voice Mail message. Later, you can check your Voice Mail to listen to it. You'll need to set up your Voice Mailbox before you can begin retrieving your messages. Here's how to listen to your voice mail:

➊ Dial *86 (*VM) then SEND Key from your phone.

➋ An easy-to-follow setup tutorial will begin. (If you hear a system greeting instead, press #️⃣ to interrupt it.)

➌ Follow the instructions to set up your new password and record a greeting. Your phone will play an alert tone and your phone's screen will show you the Voicemail icon to tell you that you have a message. Once you've set up your Voice Mailbox, you can listen to your messages in a couple of different ways.

If your phone notifies you that you have a message, your screen will display two options:

- 1: To hear the message now, press the Left Soft Key ⊙ to select CALL then follow the audio prompts.

   2: If you'd rather listen to your message later, press the Right Soft Key ⊙ to select CANCEL.

Send TXT Message

To write and send a text message, do the followings:

➊ Press the Left Soft Key ⊙ [Menu] → 3️⃣ [Messaging] → 2️⃣ [Send TXT Message].

➋ Select 1️⃣ [Contact] and you can select the number or person.

OR

Select 2️⃣ [Enter Number] and you can enter a phone number directly.

MESSAGING

❸ Press the Left Soft Key 😶 [Next].

❹ Using the keypad, input the text of your message.

📝 **NOTE** To learn more about Entering Text and Input Modes, please see page 50.

❺ Press the Right Soft Key 😶 [Options] to perform one of the following actions: Entry Mode, Save as Draft, Add Phrase, Add Recipient, Add Sound, Add Image, Add Name Card, Save Phrase, or Cancel Message.

- **Entry Mode:** To change entry mode. [Abc][ABC][123] [Word][Symbols]

- **Save As Draft:** To save message in draft folder.

- **Add Phrase:** To insert already written sentences in TXT message.

MESSAGING

- **Add Recipient:** To add another phone number.

- **Add Sound:** To insert a sound in your TXT message.

- **Add Image:** To insert a simple graphic image in TXT message.

- **Add Name Card:** To insert your name card in the TXT message.

- **Save Phrase:** To save written sentences in TXT message.

- **Cancel Msg:** To cancel the sent TXT message.

❻ To send the text message, press the Left Soft Key 😶 [Send] or 🆗 .

📝 **NOTE** You can also send and receive E-mail by entering an E-mail address in the "Enter Number" field.

Entering Text
This functions enables you to input text in your phone.

Input Modes
You can select from the following modes to enter text : Abc/ABC/123/Word/ Symbols.

📖
NOTE
The default mode for entering text in a Text Message is the Word Mode.

Abc/ABC/abc Mode
Press the Right Soft Key 💬 [Options] ➔ 🔟 [Entry Mode]. Select Abc for sentence case or ABC for upper case.
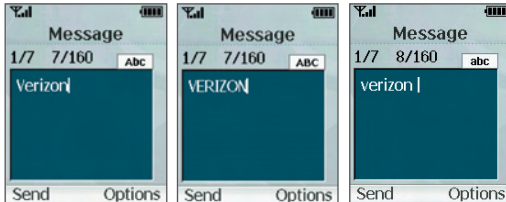
123 Mode
To enter a number in Abc/ABC or Word mode, keep pressing the desired number key until the number is appeared.

Press the Right Soft Key 💬 [Options] ➔ 🔟 [Entry Mode].

Word (T9) Mode
The word you are typing appears on the display. It may likely change with each key you press.

For example, press 4 GHI , 3 DEF , 5 JKL , 5 JKL , 6 MNO in sequence to input "hello".

📖
NOTE
Word (T9) Mode is the default mode for entering text in a Text Message.

Symbol Mode
You can input punctuation, special
characters, and symbols in this mode.
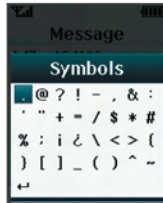
The following illustrates the function
assigned to each key in the Alpha
Editor.

KEY	FUNCTION
	Abc - Press to change mode. [Abc][ABC][123][Word][Symbols]
	Next - Press to view the next matching word if the highlighted word is not the word you intended in Word input mode.

KEY	FUNCTION
	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. [Word], [WORD] and [word] indicate the predictive text input. Press and hold to change mode.
	Clear - Press to delete a character to the left of the cursor.
	OK - Confirm the letters and numbers you entered.

Standard Input Mode
Use the number keys to enter letters, numbers and characters.

❶ Enter letters using the keypad as follows:

Keypad	Press 1 Time	Press 2 times	Press 3 times	Press 4 times	Press 5 times
2ᴬᴮᶜ	A	B	C	2	A
3ᴰᴱᶠ	D	E	F	3	D
4ᴳᴴᴵ	G	H	I	4	G
5ᴶᴷᴸ	J	K	L	5	J
6ᴹᴺᴼ	M	N	O	6	M
7ᴾᵠᴿˢ	P	Q	R	S	7
8ᵀᵁⱽ	T	U	V	8	T
9ᵂˣʸᶻ	W	X	Y	Z	9

When entering . @ ? ! - , & : ' / 1, press **1** repeatedly.

Inbox
This function enables you to send and receive text messages. Upon receiving an incoming message, you will hear an alert tone and the below message will be displayed. For additional information on how to choose an alert tone, see page 93.

■ New Message

❶ Press the Left Soft Key ⦿ [View] to view now or Right Soft Key ⦿ [Cancel] to view later.

MESSAGING

■ **Received Message**

❶ Press the Left Soft Key ⚫ [Menu] ➔ 3ᴰᴱꜰ [Messaging] ➔ 3ᴰᴱꜰ [Inbox].

❷ Press the Left Soft Key ⚫ [View].

❸ To reply after viewing a message, press the Left Soft Key ⚫ [Reply].

❹ Using the keypad type in your text, then press ⓞⓚ to send the reply.

📖 If you receive a message with a sound, press the Right Soft Key ⚫ [Options] to reply to the message.

❺ For more options, press the Right Soft Key ⚫ [Options].

• **Erase:** To erase a message:

❶ Select Erase.

❷ Press the Left Soft Key ⚫ [Yes].

MESSAGING

• **Forward:** To forward the message:

❶ Select Forward.

❷ Press 1ᵃ [Contact] to select from the Contacts list. Press the Navigation Key ◎ up or down to select the contact then press the Left Soft Key ⚫ [Select] to select the contact.

OR

Press 2ᴬᴮᶜ [Enter Number], then use the keypad to enter the phone number of the message recipient.

❸ Press the Left Soft Key ⚫ [Next].

❹ Press the Left Soft Key ⚫ [Send].

• **Add to Contacts:** To save number to contacts. For further details, see How to Create A New Contact on page 26.

- **Save Objects:** To save an image or sound that you have received in a message:

  ❶ Select Save Objects.

  ❷ Press the Left Soft Key 💬 [Save].

- **Lock & Unlock:** Select "Lock" to lock the message or "Unlock" to unlock the message. Unlock will only appear if you have locked the message.

📖 NOTE
- **Images:** If you download the image, it will be stored in the "Wallpaper" menu in the Settings Menu.
- **Sounds:** If you download the sound, it will be stored in the "Ringtone" menu in the Settings Menu.

■ **Inbox Options**

In the Inbox list, you have the following options when you press the Right Soft Key 💬 [Options]: Erase, Erase Inbox, and Lock & Unlock.

- **Erase:** To erase an inbox message:

  ❶ Press the Left Soft Key 💬 [Menu] ➔ 3ᴅᴇꜰ [Messaging] ➔ 3ᴅᴇꜰ [Inbox].

  ❷ Press the Right Soft Key 💬 [Options] ➔ 1@ [Erase].

  ❸ To erase press the Left Soft Key 💬 [Yes].

- **Erase Inbox:** To erase all inbox messages:

  ❶ Press the Left Soft Key 💬 [Menu] ➔ 3ᴅᴇꜰ [Messaging] ➔ 3ᴅᴇꜰ [Inbox].

  ❷ Press the Right Soft Key 💬 [Options] ➔ 2ᴀʙᴄ [Erase Inbox].

❸ To erase all press the Left Soft Key 👁 [Yes].

- **Lock & Unlock:** Select "Lock" to lock the message or "Unlock" to unlock the message.

  ❶ Press the Left Soft Key 👁 [Menu] ➔ 3ᴰᴱꜰ [Messaging] ➔ 3ᴰᴱꜰ [Inbox].

  ❷ Press the Right Soft Key 👁 [Options] ➔ 3ᴰᴱꜰ [Lock/Unlock].

  ❸ To lock the message press the Left Soft Key 👁 [Yes].

📖 NOTE Lock will only appear as an option in the menu if you have Locked a message.

Drafts

You can view saved drafts to text messages here.

❶ Press the Left Soft Key 👁 [Menu] ➔ 3ᴰᴱꜰ [Messaging] ➔ 4ᴳᴴᴵ [Drafts].

❷ Press the Right Soft Key 👁 [Options], and you can choose from the following:

- **Erase:** Erase a draft message.

- **Erase Drafts:** Erase all draft messages.

- **Lock & Unlock:** Select "Lock" to lock the message or "Unlock" to unlock the message.

📖 NOTE You will only see "Unlock" as an option in the menu if you have Locked a message.

❸ Press the Left Soft Key 👁 [Edit]. For further details, see Send Text Message on page 47.

Sent

You can view the sent messages.

❶ Press the Left Soft Key ⊙ [Menu] ➔ 3 DEF [Messaging] ➔ 5 JKL [Sent].

❷ Press the Right Soft Key ⊙ [Options] to complete the following tasks:

On the sent message list you have the following options:

- **Erase:** Erase a sent message.
- **Erase Sent:** Erase all sent messages.
- **Lock & Unlock:** Select "Lock" to lock the message or "Unlock" to unlock the message.

❸ Press the Navigation Key ◎ up or down to select the message you've sent, then press the ⊙ .

❹ Press the Left Soft Key ⊙ [Erase] to delete the message, or press the Right Soft Key ⊙ [Options] to choose from the following: Send Again, Forward, Add to Contacts, Lock, or Message Info.

- **Send Again:** To re-send the message.
- **Forward:** To forward the Text message.
- **Add to Contacts:** To save the number to your contact list.
- **Lock & Unlock:** Select "Lock" to lock the message or "Unlock" to unlock the message.
- **Message Info:** To view message information.

Settings

■ Voicemail Alert
This function alerts you when you receive Voicemail messages.

- **Alert Tone:** This function enables you to specify the tone you hear when you receive voice messages.

   ❶ Press the Left Soft Key ⊙ [Menu] → 3ᴰᴱꜰ [Messaging] → 6ᴹᴺᴼ [Settings].

   ❷ Press 1ᵃ̱ [Voicemail Alert] → 1ᵃ̱ [Alert Tone].

   ❸ Press the Navigation Key ◉ up or down to select the Alert Tone.

   ❹ Press the Right Soft Key ⊙ [Play] to play the tone. Press the Right Soft Key ⊙ [Stop] to stop playing the tone.

   ❺ Press the Left Soft Key ⊙ [Select] to save the tone.

- **Reminder:** This function enables you to set up a reminder when you received a voice message that you have not listened to.

   ❶ Press the Left Soft Key ⊙ [Menu] → 3ᴰᴱꜰ [Messaging] → 6ᴹᴺᴼ [Settings].

   ❷ Press 1ᵃ̱ [Voicemail Alert] → 2ᴬᴮᶜ [Reminder].

   ❸ Select Off/Every 5 Mins/Every 15 Mins/Every 30 Mins by pressing the Navigation Key ◉ up or down, then press ᵒᵏ to save.

■ TXT Alert
This function enables you to set an alert when you receive a text message.

- **Alert Tone:** This function enables you to specify the tone you hear when you receive text messages.

   ❶ Press the Left Soft Key ⊙ [Menu] → 3ᴰᴱꜰ [Messaging] → 6ᴹᴺᴼ [Settings].

2 Press 2ABC [TXT Alert] → 1🔊 [Alert Tone].

3 Press the Right Soft Key ⊙ [Play] to play the tone. Press the Right Soft Key ⊙ [Stop] to stop playing the tone.

4 Press the Left Soft Key ⊙ [Select] to save the tone.

• **Reminder:** This function enables you to set a reminder to sound when you have an unchecked text message.

1 Press the Left Soft Key ⊙ [Menu] → 3DEF [Messaging] → 6MNO [Settings].

2 Press 2ABC [TXT Alert] → 2ABC [Reminder].

3 Select Off/Every 5 Mins/Every 15 Mins/Every 30 Mins by pressing the Navigation Key ◎ up or down, then press ⊙ to save.

■ **Signature**
This function enables you to create a signature that will automatically be inserted at the end of the Text Messages you send.

1 Press the Left Soft Key ⊙ [Menu] → 3DEF [Messaging] → 6MNO [Settings].

2 Press 3DEF [Signature].

3 Using the keypad, input the text you would like inserted at the end of your messages.

📖 NOTE

■ **Entry Mode**
Your phone's default for text messages is Word. For further details, see Entering Text on page 50.

➊ Press the Left Soft Key ⊙ [Menu] ➜ 3ᴅᴇF [Messaging] ➜ 6ᴍɴᴏ [Settings]. To change the default to another entry mode:

➋ Press 4ɢʜɪ [Entry Mode].

➌ Select Abc/ABC/123/Word by pressing the Navigation Key ◉ up or down, then press ᴏᴋ to save.

■ **Auto Erase**
This function automatically erases messages when the Inbox is full.

➊ Press the Left Soft Key ⊙ [Menu] ➜ 3ᴅᴇF [Messaging] ➜ 6ᴍɴᴏ [Settings].

➋ Press 5ᴊᴋʟ [Auto Erase].

➌ Select Automatically/Manually by pressing the Navigation Key ◉ up or down then press ᴏᴋ to save.

Provides various functions such as Calendar, Alarm, World Clock, Notepad, Stop Watch, Calculator and Tip Calculator.

Calendar

Calendar helps you manage your schedule. You can set an alarm to remind you of an event.

1 Press the Left Soft Key ⊙ [Menu] → 4 GHI [Tools] → 1 [Calendar].

2 Press the Right Soft Key ⊙ [Options] to choose from the following options: Add New, Add Special Occasion, Erase Passed, or Erase All.

Add New
This function enables you to add a new event to the Calendar.

1 Press the Right Soft Key ⊙ [Options] → 1 [Add New].

- **Event:** Use the keypad to enter the name of the appointment or event.

- **Start Time:** To set a start time.

- **End Time:** To set an end time.

- **Alert:** To select a ringtone that will alert you to the event.

- **Reminder:** To select an alert time interval option (Event Time, 5 min before, or 10 min before).

- **Start Date:** To change or enter the start date.

- **Recurrence:** To set the recurrence of the event (Daily, Weekly, Monthly, Yearly).

- **End date:** To change or enter the end date.

2 Press the Left Soft Key ⊙ [Save] to save the event.

Add Special Occasion
This function enables you to add a special occasion.

1 Press the Right Soft Key •••
[Options] → 2ᴬᴮᶜ [Add Special Occasion], then press the Navigation Key ◉ up or down to enter information in the following fields:

- **Occasion:** To select an occasion type (Birthday, Anniversary, Party, Other).

- **Note:** To enter a memo in the note field.

- **Date:** To change or enter the date.

- **Time:** To set a start time.

- **Alert:** To select a ringtone that will alert you to the Occasion.

- **Reminder:** To select an alert time interval option (Event Day, 1 day before, 3 days before).

- **Recurrence:** To set the recurrence of the event (Daily, Weekly, Monthly, Yearly).

2 Press the Left Soft Key •• [Save] to save the occasion.

Erase Passed
This function enables you to erase an event that has passed.

1 Press the Right Soft Key •••
[Options] → 3ᴰᴱᶠ [Erase Passed].

2 The "Erase Passed Events?" screen will pop up.

3 Press the Left Soft Key •• [Yes] to erase.

Erase All
This function enables you to erase all events that have been scheduled or that have passed.

❶ Press the Right Soft Key [Options] ➔ 4 GHI [Erase all].

❷ The "Erase All Events?" screen will pop up.

❸ Press the Left Soft Key [Yes] to erase.

■ **View Plan List**
This function enables you to view saved events in your calendar.

❶ Press the Left Soft Key [Menu] ➔ 4 GHI [Tools] ➔ 1 [Calendar].

❷ Press the Navigation Key up, down, right or left to select the date of the event.

❸ Press the Left Soft Key [View] to view the event.

❹ Press the Navigation Key up or down to select the event.

❺ Press the Left Soft Key [View] to view the event details.

Alarm
This function enables you to set up to three different alarms.

■ **Set an Alarm**

❶ Press the Left Soft Key [Menu] ➔ 4 GHI [Tools] ➔ 2 ABC [Alarm].

❷ Press the Navigation Key up or down to select on of the following:

• **Alarm 1 [Empty]**
• **Alarm 2 [Empty]**
• **Alarm 3 [Empty]**

TOOLS

❸ Press the Left Soft Key ⬮ [Set].

- **Alarm:** Select "Alarm On" or "Alarm Off" by pressing the Navigation Key ◉ left or right, then press the Navigation Key ◉ down.

- **Time:** You can set the alarm time by pressing the Navigation Key ◉ left or right then use the keypad to enter the time. If the cursor is located on "am" or "pm", you can select "am" or "pm" by pressing the Right Soft Key ⬮ .When you are done setting the time of the alarm, press the Navigation Key ◉ down.

- **Frequency:** You can select alarm frequency by pressing the Navigation Key ◉ left or right (Once, Daily, Mon - Fri, Weekends), then press the Navigation Key ◉ down.

TOOLS

- **Sound:** You can select the sound of the alarm by pressing the Right Soft Key ⬮ [Set].

❹ After setting the alarm, press the Left Soft Key ⬮ [Save] to save the alarm.

■ **Edit an Alarm**

❶ Press the Left Soft Key ⬮ [Menu] → 4ᴳᴴᴵ [Tools] → 2ᴬᴮᶜ [Alarm].

❷ Press the Left Soft Key ⬮ [Edit] to edit.

- **Alarm:** You can turn the alarm on/ off by pressing the Navigation Key ◉ left or right.

- **Time:** You can set the alarm time by pressing the Navigation Key ◉ left or right. If the cursor is located on "am" or "pm", you also can select "am", "pm" by pressing the Right Soft Key ⬮ .

- **Frequency:** You can select alarm frequency by pressing the Navigation Key ○ left or right (Once, Daily, Mon - Fri, Weekends).

- **Sound:** You can select alarm sound by pressing the Right Soft Key ⋯ [Set].

❸ Press the Left Soft Key ⋯ [SAVE].

■ **Resetting All Alarms**

❶ Press the Left Soft Key ⋯ [Menu] → 4 GHI [Tools] → 2 ABC [Alarm].

❷ Press 4 GHI [Reset All].

Reset All Alarms ?

?

Yes   No
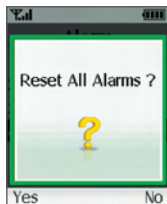
❸ Press the Left Soft Key ⋯ [Yes] to reset all alarms.

World Clock
This function informs you of the local time throughout the world.

❶ Press the Left Soft Key ⋯ [Menu] → 4 GHI [Tools] → 3 DEF [World Clock].

❷ To set Daylight Saving Time (DST), press the Right Soft Key ⋯ [DST] → "On" or "Off" → OK . Press the Right Soft Key ⋯ [DST], select "On" or "Off", then press OK to save.

❸ Press OK to save it.

❹ Press the Navigation Key ○ up, down, left, or right to see the time in other cities.

TOOLS

Notepad
This function enables you to create and save memos on your phone.

Create a New Memo

❶ Press the Left Soft Key ⊙ [Menu]
➔ 4 GHI [Tools] ➔ 4 GHI [Notepad].

❷ Press the Left Soft Key ⊙ [Add].

❸ Using the keypad, enter the text of the memo.

❹ Press the Left Soft Key ⊙ [Save] to save the memo.

View and Edit a Saved Memo

❶ Press the Left Soft Key ⊙ [Menu]
➔ 4 GHI [Tools] ➔ 4 GHI [Notepad].

❷ Press the Left Soft Key ⊙ [View].

TOOLS

❸ Press the Left Soft Key ⊙ [Edit] to edit the memo or Right Soft Key ⊙ [Erase] to erase it.

Stop Watch
This function measures elapsed time for activities.

❶ Press the Left Soft Key ⊙ [Menu]
➔ 4 GHI [Tools] ➔ 5 JKL [Stop Watch].

To measure a time period:

• Press the Left Soft Key ⊙ [Start] to start.

• Press the Left Soft Key ⊙ [Stop] to pause.

• Press the Left Soft Key ⊙ [Start] to resume.

• Press the Right Soft Key ⊙ [Reset] to reset.

📖 NOTE You can only Reset the stopwatch when it's not measuring a time period.

To measure more than one event:

- Press the Left Soft Key 😐 [Start].

- Press the Right Soft Key 😐 [Lap].

- To stop the second and continue measuring a third one, press the Right Soft Key 😐 [Lap].

- To stop the stop watch, press the Left Soft Key 😐 [Stop].

- To review the results, press the Navigation Key ◎ up or down.

- To start, press the Left Soft Key 😐 [Start].

- Press the Left Soft Key 😐 [Stop] and press the Right Soft Key 😐 [Reset].

📖 NOTE Up to seven records can be recorded and stored.

Calculator
This function enables you to perform calculations, including addition, subtraction, multiplication and division using your phone.

❶ Press the Left Soft Key 😐 [Menu] → 4ᴳᴴᴵ [Tools] → 6ᴹᴺᴼ [Calculator].

❷ Enter the first number in your equation using the keypad.

📖 NOTE Numbers can be up to nine digits long.

❸ Use the Navigation keys ◎ to set the type of calculation that you wish to perform. Your choices are as follows:

- Up key: [+] Addition

- Down key: [-] Subtraction

- Right key: [x] Multiplication

- Left key: [÷] Division

- Press #⌨ to change to a negative or positive number.
- Press *⇧ to add a decimal point.

❹ Use the keypad to enter the second number into your equation.

❺ Press ⓞⓚ to perform the calculation and view the result.

❻ Press the Left Soft Key ⊙ [Clear All] to reset.

Tip Calculator
Your phone has a Tip Calculator function.

❶ Press the Left Soft Key ⊙ [Menu] → 4ᴳᴴᴵ [Tools] → 7ᴾ�qᴿˢ [Tip Calculator].

❷ Using the keypad enter the cost at the Bill field, then press the Navigation Key ◎ down.

❸ Using the keypad enter the percentage in the Tip(%) field.

Then press the Navigation Key ◎ down to advance to the following fields and perform the calculation:

- **Tip($):** Using the keypad, enter the cost of the tip. This will let you see the percentage of a tip based on the dollar amount you would like to give.

TOOLS

- **Split:** Using the keypad, enter the number of ways the bill is to be split.

Tip Calculator	
Bill($)	777
Tip(%)	15
Tip($)	116.55
Split	1
Total	893.55
	Reset
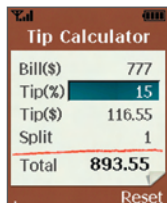
4 Press the Right Soft Key 😊 [Reset] to reset.

SETTINGS

Sounds settings

■ **Ringtone**
This function enables you to select, preview and set a ringer.

1 Press the Left Soft Key 😊 [Menu] → 5ᴶᴷᴸ [Settings] → 1 [Sounds Settings] → 1 [Ringtone].

2 Use the Navigation Key ◎ up or down etc. to select a tone to preview.

3 Press the Right Soft Key 😊 [Play].

Press the Right Soft Key 😊 [Stop] when you are done previewing/ listening.

4 Press the Left Soft Key 😊 [Select] to set your ringtone.

■ **Volume**
This function enables you to set the volume of my phone's ringer, voice mail alert and text message alert.

❶ Press the Left Soft Key 💬 [Menu] → 5ᴶᴷᴸ [Settings] → 1🅰 [Sounds Settings] → 2ᴬᴮᶜ [Volume].

❷ Select one step by pressing the Navigation Key 🔘 up or down and press the 🆗 to save. High / Med-High / Medium / Med-Low / Low / Alarm Only / All Sounds Off.

📝 You can also set the volume by simply pressing the volume keys on the side of the phone up or down while in idle mode if the flip of your phone is open.

■ **Vibrate Mode**
Your phone has Vibrate function.

❶ Press the Left Soft Key 💬 [Menu] → 5ᴶᴷᴸ [Settings] → 1🅰 [Sounds Settings] → 3ᴰᴱᶠ [Vibrate Mode].

❷ Press the Navigation Key 🔘 up or down to select either "On" or "Off".

❸ Press 🆗 to save.

■ **Keypad Volume**
This function is to adjust keypad tone.

❶ Press the Left Soft Key 💬 [Menu] → 5ᴶᴷᴸ [Settings] → 1🅰 [Sounds Settings].

❷ Press 4ᴳᴴᴵ [Keypad Volume].

SETTINGS

❸ Press the Navigation Key ⊙ up or down to select from the following options: High, Medium, Low, or Off.

❹ Press ⊙ to save the setting.

■ Voice Commands
This function enables you use your voice to look up contacts, make phone calls, check Voice mail, and activate your speakerphone.

- **Menu Readout:** Your device reads out all of its' menus for you.

  ❶ Press the Left Soft Key ⊙ [Menu] ➜ 5ᴶᴷᴸ [Settings].

  ❷ Press 1ᐧ [Sounds Settings] ➜ 5ᴶᴷᴸ [Voice Commands]➜ 1ᐧ [Menu Readout].

  ❸ Press the Navigation Key ⊙ up or down, select either "On" or "Off", then press ⊙ to save the setting.

SETTINGS

- **Digit Dial Readout:** This function will read you each number you press on the keypad.

  ❶ Press the Left Soft Key ⊙ [Menu] ➜ 5ᴶᴷᴸ [Settings].

  ❷ Press 1ᐧ [Sounds Settings]➜ 5ᴶᴷᴸ [Voice Commands] ➜ 2ᴬᴮᶜ [Digit Dial Readout].

  ❸ Press the Navigation Key ⊙ up or down to select either "On" or "Off".

  ❹ Press ⊙ to save the setting.

- **Launch Keys:** You can setup voice command functionality by selecting "Voice Key Only" or "Key & Flip Open".

  ❶ Press the Left Soft Key ⊙ [Menu] ➜ 5ᴶᴷᴸ [Settings].

  ❷ Press 1ᐧ [Sounds Settings] ➜ 5ᴶᴷᴸ [Voice Commands] ➜ 3ᴰᴱꟳ [Launch Keys].

❸ Press the Navigation Key ◉ up or down, select either "Voice Key Only" or "Key & Flip Open".

❹ Press ⓞⓚ to save the setting.

- **Voice Key Only:** If you select "Voice Key Only", Voice Commands will only work when you press the white Voice Key 🔲 on the right side of the phone.

- **Key & Flip Open:** If you select "Key & Flip Open", Voice Command works when you open the folder or when you press the white Voice Key 🔲 on the right side of the phone.

■ **Voicemail Alert Tone**
This function enables you to set up the alert tone when you receive Voice Mail.

❶ Press the Left Soft Key ⦿ [Menu] → 5ᴶᴷᴸ [Settings].

❷ Press 1ᵃ [Sounds Settings] → 6ᴹᴺᴼ [Voicemail Alert Tone].

❸ Press the Navigation Key ◉ up or down to select the Tone.

❹ Press the Right Soft Key ⦿ [Play] to play the tone. Press the Right Soft Key ⦿ [Stop] to stop playing the tone.

❺ Press the Left Soft Key ⦿ [Select] to select alert tone.

■ **TXT Alert Tone**
This function enables you to set up the alert tone when you receive Text Message.

❶ Press the Left Soft Key ⦿ [Menu] → 5ᴶᴷᴸ [Settings].

❷ Press 1ᵃ [Sounds Settings] → 7ᴾ�QᴿS [TXT Alert Tone].

❸ Press the Navigation Key 🔘 up or down to select the Tone.

❹ Press the Right Soft Key 😐 [Play] to play the tone. Press the Right Soft Key 😐 [Stop] to stop playing the tone.

❺ Press the Left Soft Key 😐 [Select] to select alert tone.

■ Advanced
This function enables you to set the alert for "Attach Accessory", "Power On/Off", "Roam Tone", "Minute Beep", and "Call Disconnect".

- **Attach Accessory:** You can set an alert to sound when you insert a Headset or charger.

  ❶ Press the Left Soft Key 😐 [Menu] ➔ 5ᴶᴷᴸ [Settings].

  ❷ Press 1⁹ [Sounds Settings] ➔ 8ᵀᵁⱽ [Advanced] ➔ 1⁹ [Attach Accessory].

  ❸ Press the Navigation Key 🔘 up or down to select "On" or "Off".

  ❹ Press 🆗 to save the setting.

- **Power On/Off:** You can activate or deactivate the tone your phone plays when you turn it on or off.

  ❶ Press the Left Soft Key 😐 [Menu] ➔ 5ᴶᴷᴸ [Settings].

  ❷ Press 1⁹ [Sounds Settings] ➔ 8ᵀᵁⱽ [Advanced] ➔ 2ᴬᴮᶜ [Power On/Off].

  ❸ Press the Navigation Key 🔘 up or down to select "Play Tone" or "Tone Off".

  ❹ Press 🆗 to save the setting.

SETTINGS

- **Roam Tone:** You can choose to have your phone play a tone when you enter a roaming area.

  ❶ Press the Left Soft Key ⊙ [Menu] ➜ 5ᴶᴷᴸ [Settings].

  ❷ Press 1⸬ [Sounds Settings] ➜ 8ᵀᵁⱽ [Advanced] ➜ 3ᴰᴱᶠ [Roam Tone].

  ❸ Press the Navigation Key ◉ up or down to select "On" or "Off".

  ❹ Press ⓞᴷ to save the setting.

- **Minute Beep:** You can choose to have your phone alert you at one minute intervals while you are on a call.

  ❶ Press the Left Soft Key ⊙ [Menu] ➜ 5ᴶᴷᴸ [Settings].

  ❷ Press 1⸬ [Sounds Settings] ➜ 8ᵀᵁⱽ [Advanced] ➜ 4ᴳᴴᴵ [Minute Beep].

SETTINGS

  ❸ Press the Navigation Key ◉ up or down to select "On" or "Off".

  ❹ Press ⓞᴷ to save the setting.

- **Call Disconnect:** You can select to hear a tone when you end a call.

  ❶ Press the Left Soft Key ⊙ [Menu] ➜ 5ᴶᴷᴸ [Settings].

  ❷ Press 1⸬ [Sounds Settings] ➜ 8ᵀᵁⱽ [Advanced] ➜ 5ᴶᴷᴸ [Call Disconnect].

  ❸ Press the Navigation Key ◉ up or down to select "On" or "Off".

  ❹ Press ⓞᴷ to save the setting.

Phone Settings

■ **Wallpaper**
You can set the background to be displayed on your phone at the idle screen. You phone has 10 images from which to select.

❶ Press the Left Soft Key 😐 [Menu]
→ 5ᴶᴷᴸ [Settings].

❷ Press 2ᴬᴮᶜ [Phone Settings] → 1⁰
[Wallpaper].

❸ Press the Navigation Key ◉ left or right to scroll through the wallpaper selections. Press the Right Soft Key 😐 [View] to preview it. This will enlarge the image. Press the Right Soft Key 😐 [View] again to return to the wallpaper list.

❹ Press the Left Soft Key 😐 [Select] to select the wallpaper of your choice.

■ **Display Themes**
You can select one of two menu styles: List View and Grid View.

❶ Press the Left Soft Key 😐 [Menu]
→ 5ᴶᴷᴸ [Settings].

❷ Press 2ᴬᴮᶜ [Phone Settings] →
2ᴬᴮᶜ [Display Themes].

❸ Press the Navigation Key ◉ up or down to select "List View" or "Grid View".

❹ Press 😐 to save the setting.

List View   Grid View

SETTINGS

■ Banner
You can insert a personal Banner greeting and turn the Network banner on or off.

- **Personal**

  ❶ Press the Left Soft Key ⦿ [Menu] ➔ 5ᴊᴋʟ [Settings].

  ❷ Press 2ᴬᴮᶜ [Phone Settings] ➔ 3ᴅᴱF [Banner].

  ❸ Press 1⒡ [Personal] and using the keypad, enter the text of your personal banner.

  ❹ Press the Left Soft Key ⦿ [Save].

- **Network**

  ❶ Press the Left Soft Key ⦿ [Menu] ➔ 5ᴊᴋʟ [Settings].

  ❷ Press 2ᴬᴮᶜ [Phone Settings] ➔ 3ᴅᴱF [Banner].

  ❸ Press 2ᴬᴮᶜ [Network], then press the Navigation Key ⦿ up or down to select "On" or "Off".

SETTINGS

❹ Press ⓞⓚ to save the setting.

■ Backlight
This function enables you to control the backlight of your handset's keypad and screen.

❶ Press the Left Soft Key ⦿ [Menu] ➔ 5ᴊᴋʟ [Settings].

❷ Press 2ᴬᴮᶜ [Phone Settings] ➔ 4ᴳᴴᴵ [Backlight].

❸ You can choose one of 5 options by pressing the Navigation Key ⦿ up or down: On, 7 Seconds, 15 Seconds, 30 Seconds, and Off.

❹ Press ⓞⓚ to save the setting.

■ Dial Font
This handset provides two dial font sizes, "Normal" and "Large Only".

❶ Press the Left Soft Key ⦿ [Menu] ➔ 5ᴊᴋʟ [Settings].

2 Press 2ABC [Phone Settings] →
   5JKL [Dial Font].

3 You can choose one of 2 options
   by pressing the Navigation Key
   ◉ up or down: Normal or Large
   Only.

4 Press ◉ to save the setting.

■ **Shortcut Keys**
You can assign one of the functions on
each up/down/left/right Navigation Keys.

1 Press the Left Soft Key ⊙ [Menu]
   → 5JKL [Settings].

2 Press 2ABC [Phone Settings] →
   6MNO [Shortcut Keys].

3 Press the Navigation Key ◉ up
   or down to select Up Direction,
   Down Direction, Left Direction, or
   Right Direction, then press ◉ .

4 Press the Navigation Key ◉
   up or down to select one of the
   following:

   • **None**   • **Messaging**

   • **Calender**   • **Alarm**

   • **Calculator**   • **Tip Calculator**

   • **Stop Watch**   • **Inbox**

   • **Speed Dials**   • **Tools**

   • **Settings**

5 Press ◉ to save it.

■ **Advanced**

   • **Language:** You can choose for you
     phone's display to appear in either
     English or Spanish.

     1 Press the Left Soft Key ⊙
        [Menu] → 5JKL [Settings].

     2 Press 2ABC [Phone Settings]
        → 7PQRS [Advanced] → 1@
        [Language].

③ Press the Navigation Key ◎ up or down to select either, "English" or "Español".

④ Press ⓞ to save the setting.

- **Answer Call Options:** This function enables you to specify how calls are answered on your phone.

  ① Press the Left Soft Key ⚫ [Menu] ➔ 5ᴶᴷᴸ [Settings].

  ② Press 2ᴬᴮᶜ [Phone Settings] ➔ 7ᴾ�QᴿS [Advanced] ➔ 2ᴬᴮᶜ [Answer Call Options].

  ③ Press the Navigation Key ◎ up or down to select from the following:

    - **Flip Open**
    - **Any Key**
    - **Send Only**
    - **Auto w/Headset**

④ Press the Right Soft Key ⚫ [Mark/Unmark] then press the Left Soft Key ⚫ [Save].

📖 You can select multiple Answer Call Options.

- **Speed Dial Call:** This function enables you to use the speed dial feature.

  ① Press the Left Soft Key ⚫ [Menu] ➔ 5ᴶᴷᴸ [Settings].

  ② Press 2ᴬᴮᶜ [Phone Settings] ➔ 7ᴾQᴿS [Advanced] ➔ 3ᴰᴱF [Speed Dial Call].

  ③ Press the Navigation Key ◎ up or down to select either "Press Hold Digit" or "Digit + Send".

  ④ Press the Right Soft Key ⚫ [Mark/Unmark] and then press the Left Soft Key ⚫ [Save] to save the setting.

- **TTY:** TTY (also known as a TDD or Test Telephone) is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via a telephone. Voice can be translated into characters and displayed on the TTY.

  ❶ Press the Left Soft Key [Menu] ➔ 5ᴶᴷᴸ [Settings].

  ❷ Press 2ᴬᴮᶜ [Phone Settings] ➔ 7ᴾᶜᴿˢ [Advanced] ➔ 4ᴳᴴᴵ [TTY].

  ❸ Press the Navigation Key up or down to select from the following options:

- **TTY Off:** Turn off TTY mode.

- **TTY Full:** Turn on the full TTY Capability.

- **TTY + Talk(VCO):** Turn on TTY in voice carry-over mode.

- **TTY + Hear(HCO):** Turn on TTY in hearing carry-over model.

  ❹ Press to save the setting.

- **DTMF (Dual Tone Multi-Frequency):** This function is to discharge the number (code) and converts it to digit information. You can turn the DTMF key tones off or on during a call. When the [DTMF Off] option is selected, your phone does not transmit the key tones. It allows you to press keys without hearing any key tones during calls. To communicate with answering machines or computerized telephone systems, automated dial-up service such as banks and airlines, you must select the [DTMF On] option.

  ❶ Press the Left Soft Key [Menu] ➔ 5ᴶᴷᴸ [Settings].

  ❷ Press 2ᴬᴮᶜ [Phone Settings] ➔ 7ᴾᶜᴿˢ [Advanced] ➔ 5ᴶᴷᴸ [DTMF].

SETTINGS

❸ Press the Navigation Keys ◉ up or down to select "Normal" or "Long".

❹ Press ◉ to save the setting.

PHONE INFO

My Number
This function displays your phone number.

❶ Press the Left Soft Key ⊙ [Menu] ➔ 6ᴹᴺᴼ [Phone Info] ➔ 1ᵠ [My Number].
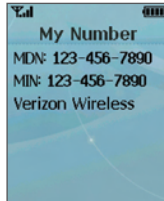
PHONE INFO

Phone Status
You can view the status of your device from this screen.

❶ Press the Left Soft Key ⊙ [Menu] ➔ 6ᴹᴺᴼ [Phone Info] ➔ 2ᴬᴮᶜ [Phone Status].

❷ The Phone Status screen will display the following information: Battery, Signal, Volume, Voicemail, Missed Call, and TXT Msg or TXT Msgs.
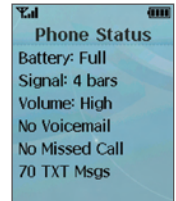
SETTINGS

Icon List
This function displays the list of icons, with a definition of what they represent on your phone.

1 Press the Left Soft Key ⊙ [Menu] → 6ᴹᴺᴼ [Phone Info] → 3ᴰᴱF [Icon List].

SW/HW Version
This function allows you to display your device's current Software/PRL/ERI/Hardware version for After Service.

1 Press the Left Soft Key ⊙ [Menu] → 6ᴹᴺᴼ [Phone Info] → 4ᴳᴴᴵ [SW/HW Version].

VOICE RECOGNITION

Your device is equipped with an Advanced Voice Recognition (AVR) feature. This feature allows you to make calls or use the phone's functions by simply using your voice. All you have to do is talk into the phone, and the phone will recognize your voice and complete tasks by itself.

How to Use

1 Press and Hold AVR Key ⦙ on the right side of the device.

2 You will hear "Say a name or short cut".

3 You can speak the name of the command after the beep.

- **Contact Name:** Use the Call command to voice dial a name from your contact list. Say "Contact Name".

- **Redial:** It works like the Redial function in the call history. It makes a call to the latest phone number. Say "Redial".

- **Voice Mail:** It makes a call to the voice mail *86.

- **Speakerphone:** It works like the Speakerphone key in the idle mode. Say "Speakerphone" and this will turn the Speakerphone on.

NOTE To turn the Speakerphone off you will have to press the Speakerphone Key 📞.

Settings
This function enables you to setup the AVR.

Choice Lists
If the AVR cannot recognize a name correctly, you can adjust confirmation settings as below.

❶ Press and hold AVR Key 📞.

❷ After the beep, press the Left Soft Key 📞 [Settings].

❸ Press 1️⃣ [Choice Lists], and you can adjust confirmation setting by pressing the Navigation Key 🔘 up or down for "Automatic", "Always On" or "Always Off".

❹ Press 🆗 to save the setting.

Sound

- **Prompts:** You can turn audio prompts such as, "Say a name or Shortcut" on or off.

  ❶ Press and hold AVR Key 📞.

  ❷ Press the Left Soft Key 📞 [Settings] → 2️⃣ [Sound].

  ❸ Select "1. Prompts".

  ❹ Press the Navigation Key 🔘 up or down to select "On" or "Off".

  ❺ Press the Left Soft Key 📞 [Ok].

- **Names:** You can turn on or off the name playback when dialing a contact name.

  ❶ Press and hold AVR Key 🔊.

  ❷ Press the Left Soft Key 👓 [Settings] ➔ 2ᴬᴮᶜ [Sound].

  ❸ Select "2. Names".

  ❹ Press the Navigation Key 🔘 up or down to select "On" or "Off".

  ❺ Press the Left Soft Key 👓 [Ok].

About
This function enables you to check the VSuite Version, Build and Device name.

❶ Press and hold AVR Key 🔊 ➔ Left Soft Key 👓 [Settings].

❷ Press the Left Soft Key 👓 [Select].

❸ The Version, Build and Device information will be displayed.

❹ Press 🆗 to go back to AVR Settings.

MEMO

CHAPTER 4
APPENDIX
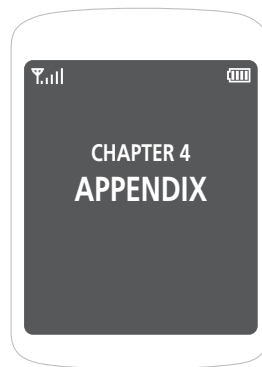
Menu Tree
Safety
Warranty

MENU TREE

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
1. Contacts	1. Contact List		
	2. New Contact		
	3. Edit Contact		
	4. Erase Contact		
	5. Speed Dials		
	6. In Case of Emergency		
	7. My Name & Number		
2. Recent Calls	1. Missed Calls		
	2. Dialed Calls		
	3. Answered Calls		
	4. All Calls		
	5. Call Timers		
3. Messaging	1. Voicemail		
	2. Send TXT Message	1. Contact	
		2. Enter Number	
	3. Inbox		
	4. Drafts		

MENU TREE

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
	5. Sent		
	6. Settings	1. Voicemail Alert	1. Alert Tone
			2. Reminder
		2. TXT Alert	1. Alert Tone
			2. Reminder
		3. Signature	
		4. Entry Mode	
		5. Auto Erase	
4. Tools	1. Calendar		
	2. Alarm		
	3. World Clock		
	4. Notepad		
	5. Stop Watch		
	6. Calculator		
	7. Tip Calculator		
5. Settings	1. Sounds Settings	1. Ringtone	
		2. Volume	
		3. Vibrate Mode	
		4. Keypad Volume	
		5. Voice Commands	1. Menu Readout

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
			2. Digit Dial Readout
			3. Launch Keys
		6. Voicemail Alert Tone	
		7. TXT Alert Tone	
		8. Advanced	1. Attach Accessory
			2. Power On/Off
			3. Roam Tone
			4. Minute Beep
			5. Call Disconnect
	2. Phone Settings	1. Wallpaper	
		2. Display Themes	
		3. Banner	1. Personal
			2. Network
		4. Backlight	
		5. Dial Font	
		6. Shortcut Keys	1. Up Direction
			2. Down Direction
			3. Left Direction

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
			4. Right Direction
		7. Advanced	1. Language
			2. Answer Call Options
			3. Speed Dial Call
			4. TTY
			5. DTMF
6. Phone Info	1. My Number		
	2. Phone Status		
	3. Icon List		
	4. SW/HW Version		

Safety Information for Wireless Handheld Phones

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).

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

Antenna Safety

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Please contact your local dealer for replacement antenna.

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.

If your phone is equipped with an inter antenna, obstructing the internal antenna could inhibit call performance.

Hold Your Phone

Your phone is equipped with an intenna. For optimal call quality, hold the phone by the gripped edges on the side and avoid touching the top and bottom of the phone.

Correct   Incorrect

Do's

• Only use the approved battery and charger

• Only use the battery for its original purpose.

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

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

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

• Purchase a new battery when the operating time of the current battery has decreased gradually over time.

• 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 accidentally short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This may critically damage the battery.

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

- Don't dispose of the battery by placing into a fire.

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
> NOTE instructions may lead to serious personal injury and possible property damage.

Electronic Devices

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.

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. Therefore, use of your phone must be restricted in certain situations.

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.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

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.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF where posted notices so require.

Other Safety Guidelines

Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft. Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

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.

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.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

- 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 UTStarcom 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.

NOTE

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.

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.

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

SAR Information

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

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure.

SAFETY

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 1.13 W/Kg and when worn on the body, as described in this user guide, is 0.286 W/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 SAR testing for Body-worn operation was performed with a belt clip that provided a 20mm separation. The User's Manual indicates that any holsters/clips used with this device should contain no metallic components. 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 PP4EZ2.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.wow-com.com.

SAFETY

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

FCC hearing-aid compatibility (HAC) regulations for wireless devices

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.

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

FDA Consumer Update

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 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 predisposed 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 neu-roma, 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. experts in government, 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 industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. 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 leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone.

SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

• If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful.

But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

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

11. What about wireless phone interference with medical equipment?

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

12. Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (http://www.fda.gov/cdrh/phones/index.html)

- Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)

- International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)

- World Health Organization (WHO) International EMF Project (http://www.who.int/emf)

- National Radiological Protection Board (UK) (http://www.nrpb.org.uk/)

Avoid Potential Hearing Loss

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds and Bluetooth® or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.

- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.

SAFETY

- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.

- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology
11730 Plaza American Drive, Suite 300
Reston, VA 20190
Voice: (800) 222-2336
Email: info@audiology.org
Internet: www.audiology.org

SAFETY

National Institute on Deafness and Other
Communication Disorders
National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD USA 20892-2320
Voice: (301) 496-7243
Email: nidcdinfo@nih.gov
Internet: http://www.nidcd.nih.gov/health/hearing

National Institute for Occupational Safety and Health
Hubert H. Humphrey Bldg.
200 Independence Ave., SW
Washington, DC 20201
Voice: 1-800-35-NIOSH (1-800-356-4674)
Internet: http://www.cdc.gov/niosh/topics/noise/default.html

WARRANTY

Protect Your Warranty

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 UTStarcom product. Be careful. Some of these products may not be compatible to use with your UTStarcom 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-UTStarcom 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 UTStarcom product.

WARRANTY

IN USA: UTStarcom Personal Communications
            555 Wireless Blvd.
            Hauppauge, NY 11788
            (800) 229-1235

IN CANADA: UTStarcom Canada Company
            5535 Eglinton Avenue West
            Suite# 234
            Toronto, ON M9C 5K5
            (800)465-9672.

12 Month Limited Warranty

UTStarcom Personal Communications (the Company) warrants to the original retail purchaser of this UTStarcom 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) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

WARRANTY

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.

WARRANTY

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.

When sending your wireless device to UTStarcom Personal Communications for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device.

In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, UTStarcom Personal Communications is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to UTStarcom Personal Communications for repair or service.

WARRANTY

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 AN 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.

WARRANTY

IN USA: UTStarcom Personal Communications
            555 Wireless Blvd.
            Hauppauge, NY 11788
            (800) 229-1235

IN CANADA: UTStarcom Canada Company
            5535 Eglinton Avenue West
            Suite# 234
            Toronto, ON M9C 5K5
            (800)465-9672.

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