VX4500

Manual del usuario

LG

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User Guide

VX4500

Contents

Welcome

Congratulations for choosing the advanced and compact VX4500 cellular phone, designed to operate with the latest digital mobile communication technology, Code Division Multiple Access (CDMA). Along with the many advanced features of the CDMA system, such as greatly enhanced voice clarity, this phone offers:

● Large, easy-to-read, 8-line backlight LCD with status icons.
● Paging, messaging, voice mail, and caller ID.
● 18-key keypad.
● Voice Commands.
● Menu, List and Keypad Readout.
● Announce Mode/Driving Mode.
● Long battery standby and talk time.
● Menu-driven interface with prompts for easy operation and configuration.
● Any key answer, auto answer, auto retry, one-touch and speed dialing with 99 memory locations.
● Bilingual (English and Spanish) capabilities.

Check Accessories

Your mobile phone comes with a rechargeable battery and a one-slot desktop charger. Please verify that these accessories are included.

Important Information

This user's guide provides important information on the use and operation of your phone. Please read all the information carefully prior to using the phone for the best performance and to prevent any damage to or misuse of the phone. Any unapproved changes or modifications will void your warranty.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation.

Technical Details

The VX4500 is a dual-band phone that operates on both Code Division Multiple Access (CDMA) frequencies: cellular services at 800 MHz and Personal Communication Services (PCS) at 1.9 Ghz.

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area. This results in a 10-fold capacity increase when compared with analog mode. In addition, features such as soft / softer handoff, hard Handoff, and dynamic RF power control technologies combine to reduce call interruptions.

The Cellular and PCS CDMA networks consist of MSO (Mobile Switching Office), BSC (Base Station Controller), BTS (Base station Transmission System), and MS (Mobile Station). The following table lists some major CDMA standards.

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000 ANSI TIA/EIA 553A	CDMA Dual-Mode Air Interface 14.4kbps radio link protocol and inter-band operations IS-95 adapted for PCS frequency band cdma2000 1xRTT AirInterface Advanced Mobile Phone Service
Network	TIA/EIA/IS-634 TIA/EIA/IS/651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem operations Nom-signaling data comm.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-99 TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Async Data and Fax Short message service Packet Data Position Determination Service (gpsOne) High Speed Packet Data
Performance	TIA/EIA/IS-97 TIA/EIA/IS-98 ANSI J-STD-018 ANSI J-STD-019 TIA/EIA/IS-125	Cellular base station Cellular mobile station PCS personal station PCS base station Speech CODEC

* TSB -74: Protocol between an IS-95A system and ANSI J-STD-008

1xRTT system receives twice as many subscribers in the wireless section as IS-95. Its battery life is twice as long as IS-95. High-speed data transmission is also possible.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

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 (RF) 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.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 3/4 inches (2 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 3/4 inches (2 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 3/4 inches (2 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

A minimum distance of 8 inches (20 cm) must be maintained between the user / bystander and the vehicle-mounted external antenna to satisfy FCC RF exposure requirements. For more information about RF exposure, visit the FCC website at www.fcc.gov.

Caution

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin a minor burn may result. Contact your local dealer for a replacement of antenna.

Phone Overview

1. Earpiece

2. Flip

3. LCD Screen

10. Speaker Key

4. Headset Jack

11. Right Soft Key

5. Left Soft Key

12. Navigation Key

6. Side Key

13. Message Key

7. SEND Key

14. Clear Key

15. END/POWER Key

8. Voice Command Key

16. Alphanumeric Keypad

9. Manner Mode Key

17. Lock Mode Key

18. Microphone

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1. **Earpiece**
2. **Flip** Flip open the case to answer an incoming call and close to end the call.
3. **LCD Screen** Displays messages and indicator icons.
4. **Headset Jack**
5. **Left Soft Key** Use to display the function setting menu.
6. **Side Key** Use to adjust the ringer volume in standby mode and the earpiece volume during a call.
7. **SEND Key** Use to place or answer calls.
8. **Voice Command Key** Use for quick access to Voice Commands and Driving Mode.
9. **Manner Mode Key** Use to set the mode (from standby mode press and hold ⌗ for about 3 seconds).
10. **Speaker Key** Use to set Speaker On/Off.
11. **Right Soft Key** Use to select an action within a menu.
12. **Navigation Key** Use for quick access to messages, Mobile Web, Get It Now.
13. **Message Key** Use to retrieve or send voice and text messages.
14. **Clear Key** Press to delete a single space or character. Press and hold to delete entire words. Press this key once in a menu to go back one level.
15. **END/POWER Key** Use to turn the power on/off and to end a call. Also return to the main menu display screen.
16. **Alphanumeric Keypad** Use to enter numbers and characters and select menu items.
17. **Lock Mode Key** Use in standby mode to set the lock function by pressing and holding the key for about 3 seconds.
18. **Microphone**

Menus Overview

Press Left Soft Key ◀ Menu.   Press to ⬤ Scroll.

Contacts
1. List Contacts
2. New Number
3. New E-mail
4. Groups
5. Speed Dials
6. My VCard

Recent Calls
1. Dialed Calls
2. Received Calls
3. Missed Calls
4. Erase Calls
   1. Dialed Calls
   2. Received Calls
   3. Missed Calls
   4. All Calls
5. Call Timer
   1. Last Call
   2. Home Calls
   3. Roam Calls
   4. All Calls
6. 1x Packet Counter
   1. Received
   2. Transmitted
   3. Total

Messages
1. Voice Mail
2. New Message
3. Inbox
4. Outbox
5. Saved

6. Msg Settings
   1. Auto Save
   2. Auto Delete
   3. Callback #
   4. Msg Alerts
   5. Signature
   6. Direct View
   7. Entry Mode
   8. Edit Voice Mailbox #
   9. Quick-Text
   0. Auto Play
   *. Font Size
7. Erase All
   1. Inbox
   2. Outbox
   3. Saved
   4. All

Get It Now
1. Get Apps
2. Get Info

Mobile Web
1. Start Browser
2. Web Messages
3. Alert Beep

My Media
1. Graphics
2. Music
3. Message Objects
   1. Small Pictures
   2. Large Pictures
   3. My Pictures

4. Sounds
5. My Melodies
6. Animations
7. My Animations

Voice
1. Start Commands
2. Voice Memos
3. Voice Settings
   1. Voice Commands
   2. Sound Modes
   3. Announce Alerts
   4. Best Match
   5. Train Words
4. Help

Tools
1. Alarm Clock
2. Scheduler
3. Notepad
4. Ez Tip Calc
5. Calculator
6. World Clock

Settings
1. Sounds
   1. Ringers
   2. Key Tone
   3. Volume
   4. Alerts
   5. Power On/Off Tone
2. Display
   1. Banner
   2. Backlight
   3. Screens

4. Menu Style
5. Clocks
6. Theme Colors
7. Status LED Colors
8. Contrast
9. Fonts
0. Language
3. System
   1. Select System
   2. Set NAM
   3. Auto NAM
   4. Serving System
4. Security
   1. Lock Phone
   2. Restrict
   3. Emergency #s
   4. Change Code
   5. Erase Contacts
   6. Reset Default
5. Call Setup
   1. Auto Retry
   2. Answer Call
   3. Auto-Answer
   4. One-Touch Dial
   5. Voice Privacy
   6. Auto Volume
   7. TTY Mode
6. 1x Data
   1. Data/Fax
   2. Select Port
   3. Port Speed
7. Location
8. Phone Info
   1. My Phone Number
   2. S/W Version
   3. Icon Glossary
   4. Shortcut Help

Getting Your Phone Started

The Battery

> NOTE: It is important to fully charge the battery before initial use of the phone.

The phone comes with a rechargeable battery. Keep the battery charged while not in use in order to maximize talk and standby time. The battery charge level is shown at the top of the LCD screen.

Installing the Battery

To install the battery, insert the bottom of the battery into the opening on the back of the phone. Push the battery down until the latch clicks.

Removing the Battery

Turn the power off. Lift the release latch to detach the battery.

Charging the Battery

The desktop charger has a charging slot that accommodates the phone with the battery attached or the battery by itself.

Warning! Use only the desktop charger provided with the phone. Using any (desktop) charger other than the one included with the VX4500 may damage your phone or battery.

1. Plug the charger into a wall outlet. The phone must be charged from a 120V AC power source.
2. Insert the phone with an installed battery, or the battery by itself, into the charging slot. The red light indicates the battery is charging and the green light indicates the battery is fully charged.
   The charge time varies depending upon the battery level. The maximum charge time for a fully discharged battery is 3 hours.

Battery Charge Level

The battery charge level is shown at the top right of the LCD screen. When the battery charge level becomes low, the low battery sensor alerts you in three ways: sounding an audible tone, blinking the battery icon, and displaying *LOW BATTERY WARNING!* If the battery charge level becomes exceedingly low, the phone automatically switches off and any function in progress is not saved.

Fully Charged   Fully Discharged
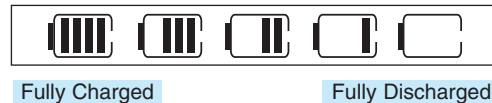
Turning the Phone On and Off

Turning the Phone On

1. Install a charged battery or connect the phone to an external power source such as a cigarette lighter charger or hands-free car kit.
2. Press [PWR END] for a few seconds until the LCD screen lights up.

> NOTE: Like any other radio device, avoid any unnecessary contact with the antenna while your phone is on.

Turning the Phone Off

1. Press and hold [PWR END] until the display turns off.

Signal Strength

Call quality depends on the signal strength in your area. The signal strength is indicated on the screen as the number of bars next to the signal strength icon: The more bars, the better the signal strength. If the signal quality is poor, move to an open area. If you are in a building, the reception may be better near a window.

Getting Your Phone Started

Screen Icons

When the phone is powered on, the top line of the LCD screen displays icons indicating the status of the phone.

Icon	Description		
	Signal strength indicator. The strength of the signal received by the phone is indicated by the number of bars displayed.		
	No service indicator. The phone is not receiving a system signal.		
	In use indicator. A call is in progress. * No icon indicates the phone is in standby mode.		
	Digital indicator. Digital service is available.		
	Roaming indicator. The phone is outside of the home service area.		
	IS-2000		Driving Mode.
	New voice mail indicator.		Announce Alerts.
	New text and voice message indicator.		Announce Mode.
	New text message indicator or Browser message.		
	In vibrate.		Silence all.
	E911 only.		Location on.
	Battery indicator. Indicates battery charge level.		
	SSL.		TTY.
	1X Data Active.		
	1X Data Dormant.		
	QNC Data Active.		

Making Calls

1. Make sure the phone is turned on. If not, press   .
2. Enter the phone number (include the area code if needed).
3. Press   .

   If the phone is locked, enter the lock code.
   Call Failed - indicates the call did not go through.
   Restricted - indicates outgoing calls are in restricted mode.

   > NOTE: If the phone is restricted, you can only dial phone numbers saved in the Emergency Numbers or your Contacts.
   > To turn off this function:
   > Menu -> 9 Settings -> 4 Security -> Enter Lock Code -> 2 Restrict -> Off -> OK

4. Press   or   the side keys twice to end the call.

Correcting Dialing Mistakes

If you make a mistake while dialing a number, press   once to erase the last digit entered or hold down   for at least 2 seconds to delete all digits.

Redialing Calls

1. Press   twice to redial the last number you dialed. The last 30 numbers are stored in the call history list and you can also select one of these to redial.

Receiving Calls

1. When the phone rings or vibrates press   to answer.

   > NOTE: If you press   or   the side keys while the phone is ringing, the ringing or vibration is muted for that call.

2. Press   or   the side keys twice to end the call.

Quick Access to Convenient Features

Manner Mode

Use Manner Mode in public places. When Manner Mode is set, ⊞ is displayed on the screen, the key tones are silent, and the phone is set to vibrate.

Manner Mode Quick Activation

1. From standby mode press ✱ for 3 seconds.

> NOTE: The phone remains in Manner Mode even if you turn it off and back on.

Manner Mode Quick Cancellation

1. Press ✱ to switch to Silence All Mode or Normal Mode.

> NOTE: When folder is closed, you can press ▾ (lower side key) for three seconds to set Manner mode.

Silence All Mode

Use Silence All Mode in public places. When Silence All Mode is set, ✀ is displayed on the screen, the key tones are silent, and the lamp blinks instead of the phone ringing or vibrating.

Silence All Mode Quick Activation

1. Set the ringer to Silent by pressing ▾ (lower side key).

Silence All Mode Quick Activation

1. Press ▴ (upper side key) to switch to Normal Mode.

Lock Mode

Use Lock Mode to prevent others from using your phone. When Lock Mode is set, and your 4-digit password is required to use the phone.

> NOTE: The lock code/password is the last 4 digits of your phone number.

Lock Mode Quick Activation

1. From standby mode, press # for 3 seconds.

Lock Mode Quick Cancellation

1. Press Right Soft Key ▸ **Unlock** then enter your 4-digit password.

Mute Function

The Mute function prevents the other party from hearing your voice, but allows you to hear the other party.

Mute Quick Activation

1. Press Left Soft Key ◂ **Mute** during a call.

Mute Quick Cancellation

1. Press Left Soft Key ◂ again.

Volume Quick Adjustment

Use the side keys to adjust the earpiece and ringer volumes. The upper key increases the volume and the lower key decreases the volume.

- Earpiece volume can be adjusted during a call.
- Ringer volume can be adjusted while the phone is ringing.

> NOTE: Key beep volume is adjusted through the Menu.

Quick Access to Convenient Features

Call Waiting

Your cellular service may offer call waiting. While a call is in progress, two beeps indicate another incoming call. When call waiting is enabled, you may put the active call on hold while you answer the other incoming call. Check with your cellular service provider for information about this function.

1. Press **SEND** to receive a waiting call.

2. Press **SEND** again to switch between calls.

Caller ID

Caller ID displays the number of the person calling when your phone rings. If the caller's identity is stored in Contacts, the name appears with the number. Check with your service provider to ensure they offer this feature.

Speed Dialing

Speed dialing is a convenient feature that allows you to make phone calls quickly and easily with a few keystrokes. Your phone recalls the number from your Contacts, displays it briefly, and then dials it. Speed Dial number 1 is always for Voice mail.

Dialing Speed Dials from 2 to 9

1. Press and hold the Speed Dial number.

    OR

    Enter the speed dial number and press **SEND** .

Dialing Speed Dials from 10 to 99

1. Press the first digit and then press and hold the key of the last digit.

    OR

    Enter the first and second digits and press **SEND** .

Voice Command

Voice Command is a convenient feature that allows you to activate certain feature quickly and easily by verbal command. Using this Voice Commands, you can make phone calls, confirm voice mails and missed calls, set driving/announce mode, edit the contact entries and so on.

1. Press the Voice Command key ( ).

2. When prompted, say "Call Someone."

3. When prompted, say the name entered in your contacts. The phone will ask you to confirm the name, then dial the number associated with the Contact name.

> NOTE: Another way to activate Voice Command is to set Announce Mode to on. When the flip is opened you will be asked to say a command.

Text Input

You can input and edit your Banner, Schedule, Contacts, Notepad and messages.

Key Functions

Right Soft Key(Left Soft Key): Press to scroll through the following text input modes: **T9Word** -> **Abc** -> **123** -> **Symbols** -> **Smiley**.

Shift: Press to change case.
T9 text: **T9Word** -> **T9WORD** -> **T9word**
Abc text: **Abc** -> **ABC** -> **abc**

Next: In T9 mode, press to display other matching words.

Space: Press to complete a word and insert a space.

Clear: Press to delete a single space or character. Hold to delete words.

Punctuation: In T9 mode, press to insert punctuation in a word and complete a sentence.

Text Input Modes

There are five modes for entering text, numbers, special characters, and punctuation. In a text entry field, pressing Right Soft Key (or Left Soft Key) displays a pop-up list of text modes.

> *NOTE: It reads out the letter or the number, when the Announce Mode is On.*

T9Word (T9) Mode

Use to type text using one keystroke per letter. The phone translates keystrokes into common words by using the letters on each key and a compressed database.

Abc (Multi-tap) Mode

Use to add words to the T9 database.

123 (Numbers) Mode

Use to type numbers using one keystroke per number.

Symbols Mode

Use to insert special characters or punctuation. There are 39 special characters including "SP" which inserts a space and "LF" which forces the text to the next line.

Smiley Mode

Use to insert smiley graphics. There are 40 smiley characters.

Changing Letter Case

Using T9 and Abc text input modes you can set the capitalization. Press to cycle through the following:

Initial Cap (T9Word / Abc)

Only the first letter is capitalized. All subsequent letters are lower case.

Entering and Editing Information

Caps Lock (T9WORD / ABC)

All letters are capitalized.

Lower case (T9word / abc)

All letters are in lower case.

Text Input Examples

Display the text modes and select a text mode:

1. In a text entry field, press Right Soft Key ▶ (or Left Soft Key ◀) to display text modes.

2. Press ⬭ to highlight the text input mode you want to use.

3. Press [OK] to select the highlighted text input mode.

Using Abc (Multi-tap) Text Input

1. Press Right Soft Key ▶ (or Left Soft Key ◀) to change to Abc mode.

2. Press [*shift] to change to ABC Caps Lock.

3. Press [5 jkl] [5 jkl] [5 jkl] [4 ghi] .
    LG is displayed.

Using T9 Mode Text Input

To type the message "Call the office" follow these steps:

1. Press Right Soft Key ▶ (or Left Soft Key ◀) to change to T9Word mode.

2. Press [2 abc] [2 abc] [5 jkl] [5 jkl] .

3. Press [# space] to complete the word and add a space.

4. Press [8 tuv] [4 ghi] [3 def] [# space] [6 mno] [3 def] [3 def] [4 ghi] [2 abc] [3 def] .
    Call the office is displayed.

Using the NEXT Key

After you have finished entering a word, if the word displayed is not the one you want, press [0 next] to display additional choices of words from the database.

1. Press [4 ghi] [6 mno] [6 mno] [3 def] .
    Good is displayed.

2. Press [0 next] .
    The display gives you additional choices such as: *Home*, *Gone*, *Hood*, etc.

Adding Words to the T9 Database

If a word is not in the T9 database, add it using Abc (Multi-tap) mode text entry. The word is automatically added to the T9 database.

1. Press Right Soft Key ▶ (or Left Soft Key ◀) to change to Abc (multi-tap) mode.

2. Press [2 abc] [2 abc] [6 mno] [6 mno] [6 mno] [7 pqrs] .
    Bop is displayed.

3. Press Right Soft Key ▶ (or Left Soft Key ◀) to change to T9 mode to add the word Bop to the T9 database.

4. Press [CLR] to erase the existing word.

5. Press [2 abc] [6 mno] [7 pqrs] .
    cop is displayed.

6. Press [0 next] [0 next] .
    bop is displayed.

Contacts in Your Phone's Memory

Contacts Entries

This allows you to have easy access to your most frequently dialed phone numbers. You may store up to 500 entries with up to 5 phone numbers each. Each entry may be up to 22 characters. Each phone number may be up to 48 digits.

The Basics of Storing Contacts Entries

1. From standby mode enter the phone number you want to save (up to 48 digits).

2. Press Left Soft Key ◀ Save.

3. Use ⬍ to select a Label and press OK .
   Home / **Home2** / **Office** / **Office2** / **Mobile** / **Mobile2** / **Pager** / **Fax** / **Fax2** / **None**

4. Use ⬍ to select **New Name** or **Existing** and press OK .

   > NOTE: Use Existing to add another phone number to a contact already stored in memory.

5. Enter a name for the phone number (up to 22 characters) and press OK .
   A confirmation message is displayed briefly.

> NOTE: To skip name entry, press OK to go to the next step.

> NOTE: If the information is complete, press PWR END to return to the Main Menu screen.

> NOTE: To further customize the Contact entry, press Left Soft Key ◀ Done.

6. Continue saving the entry as a Speed Dial, press OK to select Speed Dial.

7. Enter a Speed Dial digit (e.g., 2)
   Use the keypad and press OK or
   Use ⬍ to highlight the Speed Dial location and press OK .

Contacts in Your Phone's Memory

Options to Customize Your Contacts

Once basic phone number and name information is stored in your Contacts, you can edit and/or customize the entries.

1. Enter the phone number and name as described on the previous page.
2. Press Left Soft Key ☞ **Done** to access the Edit Entry screen.
3. Use ⬯ to highlight the information you want to customize and press ⟨OK⟩.

Adding or Changing the Group

Allows you to manage your Contacts entries by organizing them into groups.

1. Access your Contacts and use ⬯ to highlight an entry, then press ⟨OK⟩.
2. Press Left Soft Key ☞ **Edit**.
3. Use ⬯ to highlight **No Group** and press ⟨OK⟩.
4. Use ⬯ to select the Group and press ⟨OK⟩.
   No Group / **Family** / **Friends** / **Colleagues** / **Business** / **School**
5. Press Left Soft Key ☞ **Done** to continue editing the Contact entry.

   NOTE: You can change the name of the group, add groups, and delete groups.

Changing the Call Ringer

Allows you to identify who is calling by setting different ringers for different phone numbers in your Contacts. It is automatically set to the default ringer when the Contact is saved.

1. Access your Contacts and use ⬯ to highlight an entry, then press ⟨OK⟩.
2. Press Left Soft Key ☞ **Edit**.
3. Use ⬯ to highlight **Default Ringer** and press ⟨OK⟩.
4. Use ⬯ to select the Ringer Type and press ⟨OK⟩.
5. Press Left Soft Key ☞ **Done** to continue editing the Contact entry.

Changing the Message Ringer

Allows you to identify who is sending you a message by setting different ringers for different phone numbers in your Contacts. It is automatically set to the default ringer when the Contact is saved.

1. Access your Contacts and use ⬯ to highlight an entry, then press ⟨OK⟩.
2. Press Left Soft Key ☞ **Edit**.
3. Use ⬯ to highlight **Default Text Msg Ringer** and press ⟨OK⟩.
4. Use ⬯ to select the Ringer Type and press ⟨OK⟩.
5. Press Left Soft Key ☞ **Done** to continue editing the Contact entry.

Contacts in Your Phone's Memory

Adding or Changing the Memo

Allows you to enter up to 64 characters as a memo to the Contact entry.

1. Access your Contacts and use [icon] to highlight an entry, then press [OK].
2. Press Left Soft Key [icon] **Edit**.
3. Use [icon] to highlight **Memo** and press [OK].
4. Enter text and press [OK].
5. Press Left Soft Key [icon] **Done** to continue editing the Contact entry.

Adding or Changing the Picture ID

Allows the phone to display a picture to identify the caller.

1. Access your Contacts and use [icon] to highlight an entry, then press [OK].
2. Press Left Soft Key [icon] **Edit**.
3. Use [icon] to highlight **Default** and press [OK].
4. Use [icon] to select a graphic and press Left Soft Key [icon] **Select**.
5. Press Left Soft Key [icon] **Done** to continue editing the Contact entry.

Changing the Secret Setting

Allows you to hide certain entries from being displayed when the Contacts are searched.

1. Access your Contacts and use [icon] to highlight an entry, then press [OK].
2. Press Left Soft Key [icon] **Edit**.
3. Use [icon] to highlight **Not Secret** and press [OK].
4. Use [icon] to select the Secret setting and press [OK].
5. Press Left Soft Key [icon] **Done** to continue editing the Contact entry.

Adding or Changing the URL

Allows you to enter a Web address associated with the Contact entry.

1. Access your Contacts and use [icon] to highlight an entry, then press [OK].
2. Press Left Soft Key [icon] **Edit**.
3. Use [icon] to highlight **URL** and press [OK].
4. Enter a Web address and press [OK].
5. Press Left Soft Key [icon] **Done** to continue editing the Contact entry.

Contacts in Your Phone's Memory

Adding Speed Dial

1. Access your Contacts and use ⊜ to highlight an entry, then press (OK) .

2. Press Left Soft Key ◀ **Edit**.

3. Use ⊜ to highlight the phone number you want to set with a Speed Dial and press (OK).

4. Press ⊜ to select **Speed Dial**.

5. Enter a Speed Dial digit.
Use the Keypad and press (OK) , or Use ⊜ to highlight the Speed Dial digit and press (OK) .

6. Press Left Soft Key ◀ **Done** to continue editing the Contact entry, or
Press (PWR/END) to return to the Main Menu.

Editing Contacts Entries

Adding Another Phone Number

From the Main Menu Screen

1. From standby mode, enter the phone number you want to save (up to 48 digits).

2. Press Left Soft Key ◀ **Save**.

3. Use ⊜ to highlight a Label and press (OK) .
Home / **Home2** / **Office** / **Office2** / **Mobile** / **Mobile2** / **Pager** / **Fax** / **Fax2** / **None**

4. Use ⊜ to highlight Existing and press (OK) .

5. Use ⊜ to highlight the existing Contact entry and press (OK) .
A confirmation message is displayed.

Through Contacts

1. From standby mode, press Right Soft Key ▸ **Contacts**.
Your Contacts display alphabetically.

2. Use ⊜ to highlight the Contact entry you want to edit, then press (OK) .

3. Press Left Soft Key ◀ **Edit**.

4. Use ⊜ to highlight Add Number, then press (OK) .

5. Enter the number and press (OK) .

6. Use ⊜ to highlight a Label, then press (OK) .
A confirmation message is displayed.

Contacts in Your Phone's Memory

Default Numbers

The phone number saved when a Contact is created is the Default Number. If more than one number is saved in a Contact entry, another number can be saved as the Default Number.

NOTE: The Default Number cannot be deleted by itself. The entire Contact entry can be deleted or another number can be set as the Default Number allowing you to delete the original saved number and keep the Contact entry.

Changing the Default Number

1.   From standby mode, press Right Soft Key **Contacts.** Your Contacts display alphabetically.

2.   Use to highlight the Contact entry you want to edit, then press OK .

3.   Press Left Soft Key **Edit.**

4.   Use to highlight the phone number you want to set as the Default Number and press Right Soft Key **Options.**

5.   Press 3ᵈᵉᶠ **Set as Default#.** A confirmation message is displayed.

Editing Stored Phone Numbers

1.   From standby mode, press Right Soft Key **Contacts.** Your Contacts display alphabetically.

2.   Use to highlight the Contact entry you want to edit, then press OK .

3.   Press Left Soft Key **Edit.**

4.   Use to highlight the phone number and press OK .

5.   Edit the phone number as necessary and press OK .

Editing Stored Names

1.   From standby mode, press Right Soft Key **Contacts.** Your Contacts display alphabetically.

2.   Use to highlight the Contact entry you want to edit, then press OK .

3.   Press Left Soft Key **Edit.**

4.   Use to highlight the name and press OK .

5.   Edit the name as necessary and press OK .

Editing Customized Options

Edit any of the Contacts options in the same manner as when the Contact is created.

1.   From standby mode, press Right Soft Key **Contacts.** Your Contacts display alphabetically.

2.   Use to highlight the Contact entry you want to edit, then press OK .

3.   Press Left Soft Key **Edit.**

4.   Use to highlight the information you want to customize and press OK .

5.   Edit the information as necessary and press OK .

Contacts in Your Phone's Memory

Deleting

Deleting a Phone Number from a Contact

1. Press Right Soft Key ⬛ **Contacts.**
2. Use ⬛ to highlight the Contact entry, then press ⓞ .
3. Press Left Soft Key ⬛ **Edit.**
4. Use ⬛ to highlight the phone number to be deleted.
5. Press Right Soft Key ⬛ **Options.**
6. Press ⓶ **Erase Number.**
7. Press ⓵ **Erase number.**
    A confirmation message is displayed.

Deleting a Contact Entry

1. Press Right Soft Key ⬛ **Contacts.**
2. Use ⬛ to highlight the Contact entry to be deleted, then press ⓞ .
3. Press Right Soft Key ⬛ **Options.**
4. Press ⓵ **Erase Entry.**
5. Press ⓵ **Erase.**
    A confirmation message is displayed.

Additional Ways to Delete a Contact

Once you have accessed your Contacts, pressing Right Soft Key ⬛ **Options**. at any point provides the option to erase the entry.

Deleting a Speed Dial

1. Press Right Soft Key ⬛ **Contacts**.
2. Use ⬛ to highlight the Contact entry, then press ⓞ .
3. Use ⬛ to highlight the Speed Dial number.
4. Press Left Soft Key ⬛ **Edit**.
5. Use ⬛ to highlight the Speed Dial number and press ⓞ .
6. Use ⬛ to highlight the Speed Dial entry and press ⓞ .
7. Use ⬛ to highlight the Speed Dial location.
8. Press Right Soft Key ⬛ **Options**.
9. Press ⓶ **Remove**.
10. Press ⓵ **Remove**.
    A confirmation message is displayed.

Contacts in Your Phone's Memory

Phone Numbers With Pauses

When you call automated systems such as voice mail or credit billing numbers, you often have to enter a series of numbers. Instead of entering these numbers by hand, you can store the numbers in your Contacts separated by special pause characters (P, T). There are two different types of pauses you can use when storing a number:

Hard pause (P)

The phone stops dialing until you press Left Soft Key 🖉 **Release** to advance to the next number.

2-sec pause (T)

The phone waits 2 seconds before sending the next string of digits.

Storing a Number With Pauses

1. Press Left Soft Key 🖉 **Menu**.
2. Press 1️⃣ **Contacts**.
3. Press 2️⃣ **New Number**.
4. Enter the number.
5. Press Right Soft Key ▸ **Pause**.
6. Use 🔘 to select pause type and press OK.
   Hard pause / **2-sec pause**
7. Enter additional number(s) (e.g., pin number or credit card number) and press OK.
8. Use 🔘 to select a Label and press OK.
9. Enter a name (up to 22 characters).
   A confirmation message is displayed.

Adding a Pause to an Existing Number

1. Press Right Soft Key ▸ **Contacts**.
2. Use 🔘 to highlight the Contact entry to edit, then press OK.
3. Press Left Soft Key 🖉 **Edit**.
4. Use 🔘 to highlight the number then press OK.
5. Press Right Soft Key ▸ **Pause**.
6. Press 1️⃣ **Hard pause** or 2️⃣ **2-sec pause**.
7. Enter additional number(s) and press OK.
8. Use 🔘 to select the label type and press OK.
   A confirmation message is displayed.

Contacts in Your Phone's Memory

Searching Your Phone's Memory

The VX4500 phone is able to perform a dynamic search of the contents in your phone's memory. A dynamic search compares entered letters or numbers against the entries in your Contacts. A matching list is displayed in descending order. You can then select a number from the list to call or edit. There are several ways to search:

● Scrolling Alphabetically
● Searching by Letter
● Searching by Options
  - Find Name   - Find Group
  - Find Number   - Find E-mail
  - Find Speed Dial   - Send Message
                       - Erase

Scrolling Through Your Contacts

1. Press Right Soft Key 🔹 **Contacts**.
   Contacts list is displayed alphabetically.

2. Use 🔘 to scroll through the list.

Searching by Letter

1. Press Right Soft Key 🔹 **Contacts**.
   Contacts list is displayed alphabetically.

2. Press (or press repeatedly) the key on the keypad that corresponds with the search letter.

Searching Options

1. Press Right Soft Key 🔹 **Contacts**.

2. Press Right Soft Key 🔹 **Options**.

3. Select the search criteria using 🔘 (or press the corresponding number on the keypad):

   1 **Find Name** - Enter the character(s) to search for (such as the first letters of the name).

   2 **Find Number** - Enter the number(s) to search.

   3 **Find Speed Dial** - Enter the speed dial number(s) to search.

   4 **Find Group** - Use 🔘 to highlight the group to search for and press OK .

   5 **Find E-mail** - Enter the email address to search.

   6 **Send Message** - Enter the text and press OK .

   7 **Erase** - Press **1** Erase to erase the entry.

4. A list of matches is displayed.
   Use 🔘 to highlight a matched entry.

5. Press OK to see more information or press SEND to place a call.

Contacts in Your Phone's Memory

Making a Call From Your Phone's Memory

Once you have stored phone numbers into your Contacts, you can place calls to those numbers quickly and easily.

● Pressing ⬡SEND after you've searched for a phone number in Contacts or Recent Calls.

● Using Speed Dialing.

From Contacts

1. Press Right Soft Key ⬡ **Contacts**.
2. Use ⬡ to select the Contact entry and press ⬡OK .
3. Use ⬡ to select the phone number.
4. Press ⬡SEND to place the call.

From Recent Calls

1. Press Left Soft Key ⬡ **Menu**.
2. Press ⬡2abc **Recent Calls**.
3. Use ⬡ to select the type of recent call and press ⬡OK .
   Dialed Calls / **Received Calls** / **Missed Calls**
4. Use ⬡ to highlight the phone number.
5. Press ⬡SEND to place the call.

Voice Command

Call Someone is a convenient feature that allows you to make phone calls quickly and easily by saying a voice command that you have recorded in your Contacts.

To make a Voice Command:

1. From standby mode, press the Voice Command key (⬡).
2. When prompted, say "Call someone."
3. When prompted, say the name of the Contact you want to call.
   The phone confirms and dials the phone number associated with the Contact.

Prepending a Stored Number

Prepend can be used if you are out of your home system area and need to add the area code to an existing number. When a Contacts entry or message callback number shows up on the display, you can add to the beginning of the original number. However, you cannot edit the original number.

1. Recall a number in your Recent Calls.
2. Press Right Soft Key ⬡ **Options**.
3. Press ⬡3def **Prepend**.
4. Enter the prepend digits to the phone number.
5. Press ⬡SEND to place the call.

Using Phone Menus

Menu Access

Press Left Soft Key 🔳 **Menu** to have access to nine phone menus. There are two methods to access menus and submenus:

● Use the navigation key to highlight and select, or

● Press the number key that corresponds to the menu or submenu.

For example:

1. Press Left Soft Key 🔳 **Menu**.
   Nine menu items are displayed.
   Use 🔘 to scroll through the list of menus.

2. Press the appropriate number key corresponding to the menu item you want to select.
   The sub-menu list will be displayed.

3. Press the appropriate number key corresponding to the sub-menu you want to access.

4. Use 🔘 to highlight your preferred setting and press 🆗 to select it.

> NOTE: Press 🔲 to go back one step while accessing the menu or selecting a setting.

> NOTE: Press 🔲 to cancel without saving.

Contacts (Menu 1️⃣)

The Contacts Menu allows you to store names, phone numbers and other information in your phone's memory. When you access your Contacts, the number in parenthesis represents the number of entries you have stored (up to 500).

Access and Options

1. Press Left Soft Key 🔳 **Menu**.

2. Press 1️⃣ **Contacts**.

3. Select a sub-menu.

   ● 1️⃣ **List Contacts**

   ● 2️⃣ **New Number**

   ● 3️⃣ **New E-mail**

   ● 4️⃣ **Groups**

   ● 5️⃣ **Speed Dials**

   ● 6️⃣ **My VCard**

Using Phone Menus

List Contacts (Menu 1 1)

Allows you to view your Contacts list.

1. Press Left Soft Key Menu.
2. Press 1 Contacts.
3. Press 1 List Contacts.
4. Options from here:

    ● Press to scroll through your Contacts alphabetically.

    ● Press Right Soft Key Options to select one of the following:
    Find Name / **Find Number** / **Find Speed Dial** / **Find Group** / **Find E-mail** / **Send Message** / **Erase**

    ● Press Left Soft Key **New** to store a new phone number or new e-mail.

New Number (Menu 1 2)

Allows you to add a new number.

NOTE: Using this sub-menu, the number is saved as a new Contact. To save the number into an existing Contact, edit the Contact entry.

1. Press Left Soft Key Menu.
2. Press 1 Contacts.
3. Press 2 New Number.
4. Enter the number and press OK .
5. Select the label you want and press OK .
6. Enter the name and press OK .
7. Continue saving the entry as necessary.

New E-mail (Menu 1 3)

Allows you to save a new e-mail address.

NOTE: Using this sub-menu, the e-mail is saved as a new Contact. To save the number into an existing Contact, edit the Contact entry.

1. Press Left Soft Key Menu.
2. Press 1 Contacts.
3. Press 3 New E-mail.
4. Enter the e-mail address and press OK .
5. Enter the name and press OK .
6. Continue saving the entry as necessary.

Groups (Menu 1 4)

Allows you to view your grouped Contacts, add a new group, change the name of a group, or delete a whole group.

1. Press Left Soft Key Menu.
2. Press 1 Contacts.
3. Press 4 Groups.
4. Options from here:

    ● Use to highlight a group to view and press OK .

    ● Press Left Soft Key **Add** to add a new group to the list.

    ● Use to highlight a group and press Right Soft Key Options to change the name of the group or delete the group.

Using Phone Menus

Speed Dials (Menu `1` `5`)

Allows you to view your list of Speed Dials or designate Speed Dial for numbers entered in your Contacts.

1. Press Left Soft Key **Menu**.
2. Press `1` **Contacts**.
3. Press `5` **Speed Dials**.
4. Use ⊙ to highlight the Speed Dial position, or enter the Speed Dial digit and press `OK`.
5. Use ⊙ to highlight the Contact and press `OK`.
6. Use ⊙ to highlight the number and press `OK`.
   A confirmation message is displayed.

My VCard (Menu `1` `6`)

Allows you to enter your own virtual business card to be used in e-mails or SMS messages.

1. Press Left Soft Key **Menu**.
2. Press `1` **Contacts**.
3. Press `6` **My VCard**.
4. Select the feature you want to edit by highlighting it and pressing `OK`.

Recent Calls (Menu `2`)

The Recent Calls Menu is a list of the last phone numbers or Contact entries for calls you placed, accepted, or missed. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

> NOTE: To view a quick list of all your recent calls, press `SEND` from the Main Menu.

- ● 📇 indicates a dialed call.
- ● 📇 indicates a received call.
- ● 📇 indicates a missed call.

Access and Options
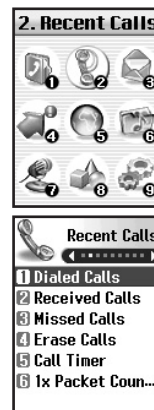
1. Press Left Soft Key **Menu**.
2. Press `2` **Recent Calls**.
3. Select a sub-menu.
   - ● `1` **Dialed Calls**
   - ● `2` **Received Calls**
   - ● `3` **Missed Calls**
   - ● `4` **Erase Calls**
   - ● `5` **Call Timer**
   - ● `6` **1x Packet Counter**

Using Phone Menus

Dialed Calls (Menu `2abc` `1@` **)**

Allows you to view the list of outgoing calls; up to 30 entries.

1. Press Left Soft Key ✎ **Menu**.
2. Press `2abc` **Recent Calls**.
3. Press `1@` **Dialed Calls**.
4. Use ⬭ to highlight an entry, then

   ● Press `OK` to view the entry.

   ● Press `SEND` to place a call to the number.

   ● Press Right Soft Key 🖉 **Options** to select:
   Contact Info / **Send Msg.** / **Prepend** / **Erase** / **Erase all**

Received Calls (Menu `2abc` `2abc` **)**

Allows you to view the list of incoming calls; up to 30 entries.

1. Press Left Soft Key ✎ **Menu**.
2. Press `2abc` **Recent Calls**.
3. Press `2abc` **Received Calls**.
4. Use ⬭ to highlight an entry, then

   ● Press `OK` to view the entry.

   ● Press `SEND` to place a call to the number.

   ● Press Right Soft Key 🖉 **Options** to select:
   Contact Info / **Send Msg.** / **Prepend** / **Erase** / **Erase all**

Missed Calls (Menu `2abc` `3def` **)**

Allows you to view the list of missed calls; up to 30 entries.

1. Press Left Soft Key ✎ **Menu**.
2. Press `2abc` **Recent Calls**.
3. Press `3def` **Missed Calls**.
4. Use ⬭ to highlight an entry, then

   ● Press `OK` to view the entry.

   ● Press `SEND` to place a call to the number.

   ● Press Right Soft Key 🖉 **Options** to select:
   Contact Info / **Send Msg.** / **Prepend** / **Erase** / **Erase all**

Erase Calls (Menu `2abc` `4ghi` **)**

Allows you to erase selected call list(s).

1. Press Left Soft Key ✎ **Menu**.
2. Press `2abc` **Recent Calls**.
3. Press `4ghi` **Erase Calls**.
4. Use ⬭ to highlight the list of calls to erase and press `OK` .
   Dialed Calls / **Received Calls** / **Missed Calls** / **All Calls**
5. Press `1@` **Erase** or `2abc` **Cancel**.

Call Timer (Menu 2abc 5jkl)

Allows you to view the duration of selected calls.

1. Press Left Soft Key Menu.
2. Press 2abc **Recent Calls**.
3. Press 5jkl **Call Timer**.
4. Use to highlight a call list and press OK .
    Last Call / **Home Calls** / **Roam Calls** / **All Calls**

1x Packet Counter (Menu 2abc 6mno)

Allows you to view the list of received and transmitted data calls.

1. Press Left Soft Key Menu.
2. Press 2abc **Recent Calls**.
3. Press 6mno **1x Packet Counter.**
4. Use to highlight a data call list and press OK .
    Received / **Transmitted** / **Total**

Messages (Menu 3def)

Text messages, pages, and the voice mail box become available as soon as the phone is powered on.

● Check types of messages by pressing the message key .
● Make a call to the callback number by pressing SEND during a message check.
● Read and edit messages saved in the outbox during transmission and send them.

The phone can store up to 116 messages (for example, 1 voice message, 50 inbox text messages, 50 outbox text messages, 15 saved text messages). The VX4500 supports up to 160 characters per message including header information. The information stored in the message is determined by phone mode and service capability. Other limits to available characters per message may exist. Please check with your service provider for system features and capabilities.

New Message Alert

There are three ways your phone alerts you to new messages.

1. The phone displays the message on the screen.
2. One of five ring types is heard, if selected.
3. The message icon ( ) is displayed on the display screen. In the case of an urgent message, the icon will flash and *Urgent* is displayed.

NOTE: If you receive the same message twice, your phone deletes the older one and the new one is stored as a DUPLICATE.

Using Phone Menus

Access and Options

1. Press Left Soft Key ⬦ **Menu**.
2. Press `3def` **Messages**.
3. Select a sub-menu.

- `1⚷` **Voice Mail**: Shows the number of messages in voice mail box.
- `2abc` **New Message**: Sends a message.
- `3def` **Inbox**: Shows the list of received messages.
- `4ghi` **Outbox**: Shows the list of sent messages.
- `5jkl` **Saved**: Shows the list of saved and draft messages.
- `6mno` **Msg Settings**: Selects alert type for new messages.
- `7pqrs` **Erase All**: Deletes all stored messages.

Voice Mail (Menu `3def` `1⚷`)

Allows you to view new voice messages recorded in the voice mail box. Once you exceed the storage limit, old messages are overwritten. When you have a new voice message, your phone alerts you.

Checking Your Voice Mail Box

1. Press Left Soft Key ⬦ **Menu**.
2. Press `3def` **Messages**.
3. Select `1⚷` **Voice Mail**.
4. Options from here:
   - Press Left Soft Key ⬦ **Clear** to delete information, and then select Clear.
   - Press `SEND` to listen to the message(s).

New Message (Menu `3def` `2abc`)

Allows you to send text messages, pages, and e-mail transmissions. Each message has a destination (Address 1) and information (Message). These are dependent upon the type of message you want to send.

The Basics of Sending a Message

1. Press Left Soft Key ⬦ **Menu**.
2. Press `3def` **Messages**.
3. Press `2abc` **New Message**.
4. Enter the message destination in **Address 1**.

● SMS phone number for a text message.
● SMS phone number for a page.
● E-mail address for an e-mail message.

5.   Press ⟨OK⟩ .

> NOTE: To send a page, press Left Soft Key ◀ Send now.

6.   Press ⟨OK⟩ to access the message screen.

7.   Type your message (text or e-mail) then press ⟨OK⟩ .

8.   Press Left Soft Key ◀ **Send**.
     A confirmation message is displayed.

> NOTE: If you send an SMS message to a phone without
>   SMS, you will still be notified that the message was
>   sent, however the message will not be received.

Customizing the Message Using Options

1.   Create a new message.

2.   Press Right Soft Key ▶ **Options**.

3.   Select the option(s) to customize.

Send	Sends the message.
Priority	Gives priority to the message.
Callback #	Inserts a pre-programmed callback number with your message. **On** / **Off** / **Edit**
Deferred	Delays sending the message until the programmed time frame. **Immediate** / **After 3 days** / **After 2 days** / **After 1 day** / **After 12 hours** / **After 2 hours** / **After 1 hour** / **After 30 minutes**

Validity	Validates delivery to the Short Message Center (SMC) without being transmitted to the destination address for certain periods of time. Those messages will be deleted within the programmed time frame. **Default** / **3 days** / **2 days** / **1 day** / **12 hours** / **2 hours** / **1 hour** / **30 minutes**
Delivery Notice	**Enhanced** / **On**
Save	Saves the message into the saved folder.
Erase Field	Deletes address or contents of message field.

4.   Complete and send the message.

Using Contacts to Send a Message

You can designate an entry saved in your Contacts as Address 1 instead of manually entering the destination.

1.   Press Left Soft Key ◀ **Menu**.

2.   Press ⟨3def⟩ **Messages**.

3.   Select ⟨2abc⟩ **New Message**.

4.   Press Left Soft Key ◀ **Contacts**.

5.   Use ⟨⟩ to highlight the Contact entry containing the destination and press ⟨OK⟩ .

6.   Use ⟨⟩ to highlight the SMS phone number or e-mail address and press ⟨OK⟩ .

> NOTE: The Address 1 feature allows multi-sending of up to 10
>   total addresses.

7.   Complete the message as necessary.

Using Phone Menus

Text Options

While you are composing the text of a message you can insert customized text.

1. Create a new message.
2. Use to highlight Message then press OK .
3. Press Right Soft Key Options.
4. Select the option(s) to customize.

Insert Quick-Text Inserts predefined phrases.
Yes / **No** / **Call Me** / **Need Directions** / **Where Are You?** / **Will Call Later** / **Busy** / **On My Way** / **Will Arrive 15 Minutes** / **Thank You** / **Love You**

Insert Object Inserts objects into the message.
Small Pictures / **Large Pictures** / **My Pictures** / **Sounds** / **My Melodies** / **Animations** / **My Animations**

Format Text Allows you to change the look of the text.
Alignment / **Font Size** / **Font Style** / **Text Color** / **Background**

Save Quick-Text Allows you to define phrases to insert as Insert Quick Text.

Insert Signature Inserts a predefined signature.
Custom / **My VCard**

5. Complete and send or save the message.

Message Icon Reference

Icons		Descriptions
	Sent	Messages saved in Short Message Center (SMC) have been transmitted.
	Fail	Indicates a failed message transmission.
	Delivery	Message has been delivered.
	Cancel	After transmission to message center has occurred, messages that have not been delivered may be canceled by transmitting cancel message.
	Lock	Indicates that messages are locked.
	Multi-sending	Indicates more than one designated recipient.
	Pending	Transmission is unavailable in a no service area. Messages are pending transmission. Pending messages are transmitted automatically when digital mode becomes available.

Inbox (Menu 3def 3def)

The phone alerts you in 3 ways when you receive a new message:

● By displaying a message notification on the screen.

● By sounding a beep or vibrating, if set.

● By blinking . (Only when you get a urgent message)

Received text messages, page messages, and e-mail lists may be searched and the contents viewed. Received messages are displayed from newest to oldest.

Using Phone Menus

Out of Memory Warning

If the memory is full, no more messages can be received until enough memory space becomes available. The message *NOT ENOUGH MEMORY* is displayed and new messages are not accepted.

Viewing Your Inbox

1. Press Left Soft Key ✎ **Menu**.
2. Press ③def **Messages**.
3. Press ③def **Inbox**.
4. Options from here:
   - Left Soft Key ✎ **Reply**.
   - Right Soft Key ⦿ **Options**.

   Reply w Copy Replies to the SMS with the original message attached.
   Forward Forwards a received message to others destination address(es).
   Erase Deletes the selected message from the Inbox.
   Save Address Stores the callback number, e-mail address, and numbers in user data included in the received message into your Contacts.
   Save Object Saves pictures, animations, sounds, melodies and vcard objects in Message Objects and Contacts allowing you to use Wallpaper and Ringtone.
   Save Quick-Text Saves the message into the Canned message list.

   Save Message Saves Inbox message into the Saved Folder.
   Lock/Unlock Locks or unlocks the selected message. Locked messages can not be deleted by the Erase Inbox and Erase All functions.

Outbox (Menu ③def ④ghi)

Up to 50 sent messages can be stored in the Outbox. View lists and contents of sent messages and verify whether the transmission was successful or not.

1. Press Left Soft Key ✎ **Menu**.
2. Press ③def **Messages**.
3. Press ④ghi **Outbox**.
4. Press Left Soft Key ✎ **Resend**.
   Press Right Soft Key ⦿ **Options**.

   Erase Deletes the selected message from the Outbox.
   Lock/Unlock Locks a message so that it is not erased if the Erase Outbox or Erase All feature is used.

Saved (Menu ③def ⑤jkl)

Displays saved messages and draft messages.

1. Press Left Soft Key ✎ **Menu**.
2. Press ③def **Messages**.
3. Press ⑤jkl **Saved**.
4. Press Left Soft Key ✎ **Resume**.
   Press Right Soft Key ⦿ **Options**.

Using Phone Menus

Erase	Deletes the selected message.
Lock/Unlock	Locks a message so that it is not erased if the Erase Saved or Erase All feature is used.

Msg Settings (Menu 3^{def} 6^{mno})

Allows you to configure ten settings for received messages.

1. Press Left Soft Key ⬆ **Menu**.
2. Press 3^{def} **Messages**.
3. Press 6^{mno} **Msg Settings**.
4. Use ⬭ to highlight one of the settings and press **OK** to select it.

Auto Save	**Auto Save / Prompt / Do not Save**
Auto Delete	**On / Off**
Callback #	**On / Off**
Msg Alerts	**Voice Mail Alert / Text Msg Alert / Email Alert / Page Alert / 2 MIN Alert**
Signature	**None / Custom / My VCard**
Direct View	**On / Off**
Entry Mode	**T9 Word / Abc / 123**
Edit Voice Mailbox #	
Quick-Text	
Auto Play	**On / Off**
Font Size	**Small / Normal**

Message Settings Sub-Menu Descriptions

Auto Save (Menu 3^{def} 6^{mno} $1^{@}$)

With this feature on, messages are automatically saved in the Outbox when transmitted.

Auto Delete (Menu 3^{def} 6^{mno} 2^{abc})

With this feature on, read messages are automatically deleted when you exceed the storage limit.

Callback # (Menu 3^{def} 6^{mno} 3^{def})

Allows you to automatically send a designated callback number when you send a message.

Msg Alerts (Menu 3^{def} 6^{mno} 4^{ghi})

Allows you to select the alert type for a new message. Alert types are **Voice Mail Alert**, **Text Msg Alert**, **Email Alert**, **Page Alert**, **and 2 MIN Alert**.

Signature (Menu 3^{def} 6^{mno} 5^{jkl})

Allows you make/edit a signature to automatically send with your messages.

Direct View (Menu 3^{def} 6^{mno} 6^{mno})

Allows you to directly display the content when receiving a message.

Entry Mode (Menu 3^{def} 6^{mno} 7^{pqrs})

Allows you to select the default input method including T9 Word, Abc, 123.

Edit Voice Mailbox # (Menu 3^{def} 6^{mno} 8^{tuv})

Allows you to manually enter the access number for Voice Mail Service. This number should only be used when VMS access number is not provided from the network.

Using Phone Menus

Quick-Text (Menu 3def 6mno 9wxyz)

Display, edit, and add Canned Messages.

Auto Play (Menu 3def 6mno 0next)

Display automatically scrolls down while viewing messages.

Font Size (Menu 3def 6mno *shift)

Allows you to determine the font to use when entering message content or reading text Inbox, Outbox, and Saved Msgs Folders.

Erase All (Menu 3def 7pqrs)

Allows you to erase all text messages stored in your Inbox, Outbox, or Saved Msgs Folders. You can also erase all messages at the same time.

1.   Press Left Soft Key 🔲 **Menu**.
2.   Press 3def **Messages**.
3.   Press 7pqrs **Erase All**.

   ● Press 1∞ **Inbox** to erase all messages stored in the Inbox.
   ● Press 2abc **Outbox** to erase all messages stored in the Outbox.
   ● Press 3def **Saved** to erase all messages stored in the Saved Msgs Folders.
   ● Press 4ghi **All** to erase all messages stored in the Inbox, Outbox, and Saved Msgs Folders.

4.   Press 1∞ **Erase all**.
     Confirmation message is displayed.

Get It Now (Menu 4ghi)

Get It Now allows you to do more than just talk on your phone. Get It Now is a technology and service that allows you to download and use applications on your phone. With Get It Now, it is quick and easy to personalize your phone to your lifestyle and tastes. Just download the applications that appeal to you. With a wide range of software available, from Ring Tones to games to productivity tools, you can be assured that you can find something useful, practical, or down right entertaining. There are constantly new applications being created for your use.

Downloading Applications

You can download applications and use Get It Now anywhere on the Verizon Wireless network, as long as your handset has a digital signal available. Most applications do not use a network connection while in use.

Incoming Calls

While downloading an application, incoming calls will automatically be sent to your voice mail, if available. If you do not have voice mail, downloading will not be interrupted by an incoming call, however the caller will receive a busy signal.

When using applications, an incoming call will automatically pause the application and allow you to answer the call. When you complete your call, you can resume using the application.

Using Phone Menus

Access and Options

1. Press Left Soft Key [◧] **Menu**.
2. Press [4 ghi] **Get It Now**.
3. Options from here:
   - [1 ⚬] **Get Apps**: To add, delete, or disable Get It Now applications.
   - [2 abc] **Get Info**: To view information about Get It Now applications.

Get Apps (Menu [4 ghi] [1 ⚬])

Allows you to download selected applications while displaying the Get It Now application list relayed from the Get It Now server connection.

1. Press Left Soft Key [◧] **Menu**.
2. Press [4 ghi] **Get It Now**.
3. Select [1 ⚬] **Get Apps**.
4. Press [OK] .
5. Select [Get It Now] Icon and press [OK] .

> NOTE: Pressing the right arrow key [◖] will start Get It Now.

> NOTE: When the file memory is full, the message "File Memory Full. To make enough storage space to install this app,the following app(s) will be temporarily disabled : %s. You can restore disabled apps by simply starting them, at no additional purchase cost. Proceed?" will be displayed. If you select Yes, the app(s) will be disabled.

Get Info (Menu [4 ghi] [2 abc])

Gives you information about the Get It Now selection key.

1. Press Left Soft Key [◧] **Menu**.
2. Press [4 ghi] **Get It Now**.
3. Select [2 abc] **Get Info**.
4. Press [OK] .

Managing Your Get It Now Applications
Add new applications and remove old ones at any time.

Disabling Applications
If you need more memory, but still want to be able to access the application later, try using Disable. Disabling keeps the application usage and purchase information, but removes it from memory. Restore an application when needed.

1. Access Get It Now.
2. Select **Settings**.
3. Use [●] to highlight Manage Apps, then press [OK] .

Using Phone Menus

4. Use ⬭ to highlight the application to be disabled, then press OK .

5. Select **Disable**.

Removing Applications

Only removing an application deletes it completely from the memory of the phone. To restore an application once it has been removed will require that you pay and download it again.

1. Access Get It Now.

2. Select **Settings.**

3. Use ⬭ to highlight Manage Apps, then press OK .

4. Use ⬭ to highlight the application to be deleted, then press OK .

5. Select **Remove**.

Mobile Web (Menu ⑤)

The MiniBrowser feature allows you to view internet content, via VZW with MSN, especially designed for your mobile phone. Access and selections within this feature are dependent upon your service provider. For specific information on MiniBrowser access through your phone, contact your service provider.

Access and Options

1. Press Left Soft Key ◤ **Menu**.

2. Press ⑤ **Mobile Web**.

   ● ① **Start Browser**

   ● ② **Web Messages**

   ● ③ **Alert Beep**

Using Phone Menus

Start Browser (Menu [5] [1] **)**

Allows you to initiate a MiniBrowser session.

1. Press Left Soft Key [icon] **Menu**.
2. Press [5] **Mobile Web**.
3. Press [1] **Start Browser**.
4. A reminder of the charge will appear; press [OK] **Yes** to launch MiniBrowser, if required.
   After a few seconds, you see the Home Page.

Ending a MiniBrowser Session

End a MiniBrowser session by pressing [PWR END].

Navigating Through the Browser

On-screen items may be presented in one of the following ways:

● **Numbered options**
   You can use your numeric keypad or you can select the items by moving the cursor and pressing the appropriate Soft Keys.

● **Links embedded in content**
   You can act on the options or the links by using the Soft Keys just below the display screen.

● **Text or numbers**
   You can select the items by moving the cursor and pressing the appropriate Soft Keys.

Scrolling

Use [icon] to scroll through the content if the current page does not fit on one screen. The currently selected item is indicated by a cursor on the screen.

Fast Scrolling

Press and hold [icon] to quickly move the cursor up and down on the current screen.

Scrolling by Page

Press the Side Keys to move up and down a page at a time.

Home Page

To go to the Home Page, press and hold [SEND].

View Browser Menu

Press Voice Command ([icon]) Key to use the Browser Menu.

View Browser Alert Inbox

Press and hold [0 next] key to use the Browser Alert Inbox.

Soft Keys

To navigate to different screens or select special functions, use the Soft Keys. The function associated with the Soft Keys can change for each page and depends on each highlighted item.

Left Soft Key [icon]

Left Soft Key [icon] is used primarily for first options or selecting an item but its function may change, depending on the content displayed.

Right Soft Key [icon]

Right Soft Key [icon] is used primarily for secondary options or a menu of secondary options.

Using Phone Menus

Entering Text, Numbers, or Symbols

When prompted to enter text, the current text entry method appears above the Right Soft Key ▸ as **Alpha**, **Symbol**, **Number**, **Word**. To change the input mode, press the Right Soft Key ▸ .
To create an upper case character, use ✳ .

The current text method appears above the Right Soft Key ▸ as **ALPHA** and allows you to shift input case sensitivity.

Clearing Out Text/Number Entered

When entering text or numbers, press CLR to clear the last number, letter or symbol. Press and hold CLR to clear the input field completely.

Initiating a Phone Call From Minibrowser

You can make a phone call from Minibrowser if the site you are using supports the feature (the phone number may be highlighted and Left Soft Key ◂ appears as **Call**).

The browser connection is terminated when you initiate the call. After you end the call, your phone returns to the screen from which you initiated the call.

Web Messages (Menu 5 2)

Allows you to view Web messages. If there are any browser messages, the list is displayed from newest to oldest.

1. Press Left Soft Key ◂ **Menu**.
2. Press 5 **Mobile Web**.
3. Press 2 **Web Messages**.
   A message *Charges will apply. Start MiniBrowser?* is displayed.
4. Press 1 **Yes**.
   Your list of Web messages is displayed.

Alert Beep (Menu 5 3)

Allows you to select a browser alert sound.

1. Press Left Soft Key ◂ **Menu**.
2. Press 5 **Mobile Web**.
3. Press 3 **Alert Beep**.
4. Select an alert option.
   Mute / **2 Beeps** / **4 Beeps**

Using Phone Menus

My Media (Menu `6mno`)

This menu allows you to download and use a wide variety of graphics, sounds, and more.

Access and Options

1. Press Left Soft Key ⬅ **Menu**.
2. Press `6mno` **My Media**.
3. Select a sub-menu.
   - `1@` **Graphics**
   - `2abc` **Music**
   - `3def` **Message Objects**

Graphics (Menu `6mno` `1@`)

Allows you to choose the background displayed on the phone.

1. Press Left Soft Key ⬅ **Menu**.
2. Press `6mno` **My Media**.
3. Press `1@` **Graphics**.
4. Use ⬇ to highlight your selection then press `OK` to select.

Music (Menu `6mno` `2abc`)

Allows you to choose the ring tones heard for incoming calls.

1. Press Left Soft Key ⬅ **Menu**.
2. Press `6mno` **My Media**.
3. Press `2abc` **Music**.
4. Use ⬇ to highlight your selection then press `OK` to select.

Message Objects (Menu `6mno` `3def`)

Allows you to set objects to correspond with your messages.

1. Press Left Soft Key ⬅ **Menu**.
2. Press `6mno` **My Media**.
3. Press `3def` **Message Objects**.
4. Press the corresponding number key to select one of the following:

   [1] Small Pictures / [2] Large Pictures / [3] My Pictures / [4] Sounds / [5] My Melodies / [6] Animations / [7] My Animations

5. Use ⬇ to highlight your selection then press `OK` .

Using Phone Menus

Voice (Menu 7ᵖᵠʳˢ)

Voice Menu allows you to use your voice to activate certain features of your phone such as the Memo and Driving Mode.

Access and Options
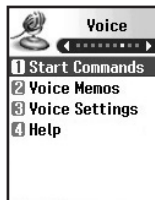
1. Press Left Soft Key ⬤ **Menu**.
2. Press 7ᵖᵠʳˢ **Voice**.
3. Select a sub-menu.

 - ● 1 **Start Commands**
 - ● 2ᵃᵇᶜ **Voice Memos**
 - ● 3ᵈᵉᶠ **Voice Settings**
 - ● 4ᵍʰⁱ **Help**

NOTE: For voice recognition, keep surrounding area quiet and speak clearly.

NOTE: When entering names in your Contacts list, avoid symbols other than letters (such as digits and punctuation marks).

NOTE: Pronounce phone numbers digit by digit. Do not say "1-800" as "one eight hundred." Instead, say "One, eight, zero, zero."

Start Commands (Menu 7ᵖᵠʳˢ 1)

Allows you to use your voice or the keypad to activate certain features of your phone.

1. Press Left Soft Key ⬤ **Menu.**
2. Press 7ᵖᵠʳˢ **Voice**.
3. Press 1 **Start Commands**.

 1. **Call Someone**: Phone call is made by saying the name, saved in the Contacts, based on List Contacts search.
 2. **Voicemail**: Connects to *86 and Voice Mail.
 3. **Digit Dial**: Phone call is made by saying the telephone number of 4, 7, 10 and 11 digits.
 4. **Service Alerts**: Reads out the number of missed calls, new Voice Mails, and new messages.
 5. **Missed Calls**: Reads out the number of new missed calls and the list of all missed calls.
 6. **Contact**: Reads, creates, or erases the Contacts.
 7. **Driving**: Switches the hands-free driving mode on and off.
 8. **Announce**: Sets the Announce Mode On/Off.
 9. **Time and Date**: Announces the time and date and displays it on the phone.
 10. **Phone Status**: Reads out the phone status.

NOTE: Voice function is recognized only in English, Spanish is not supported. For instance, "San Jose" is not recognized as [San Hose], Spanish pronunciation, but as [San Jose] as in English.

Using Phone Menus

To voice-dial a name from your Contacts list:

1. Flip open the phone, and press the Voice Command Key([icon]).

2. When prompted, say "Call Someone".

3. When prompted again, say a name from your Contacts list.

4. When asked to confirm, say "Yes". The phone dials the person's number.

> NOTE: You should select the phone label, if the phone numbers stored are more then two.

To voice-dial a number:

1. Flip open the phone, and press the Voice Command Key.

2. When prompted, say "Digit Dial".

3. When prompted again, say a phone number.

4. When asked to confirm, say "Yes" . The phone dials the number.

Voice Memos (Menu `7pqrs` `2abc`)

Allows you to listen to, add, and erase short verbal reminders.

1. Press Left Soft Key [icon] **Menu**.

2. Press `7pqrs` **Voice**.

3. Press `2abc` **Voice Memos**.

4. Press Left Soft Key [icon] **New** to record a new voice memo.

5. Use [icon] to highlight your desired Voice Memo and press Right Soft Key **Options**.

   Edit title / **Memory info** / **Erase / Erase all**

6. Follow the Voice Memo prompts. A confirmation message is displayed.

Voice Settings (Menu `7pqrs` `3def`)

Allows you to select options for voice activation, announce alerts and recognition results; and enables you to adapt the phone to recognize your way of saying numbers.

Voice Commands (Menu `7pqrs` `3def` `1abc`)

Allows you to set how you activate voice recognition.

1. Press Left Soft Key [icon] **Menu**.

2. Press `7pqrs` **Voice**.

3. Press `3def` **Voice Settings**.

4. Press `1abc` **Voice Commands**.

5. Select either of the following then press `OK` .

   ● **Flip open**: Activates voice recognition whenever you flip open the phone. (When the phone is already open, you activate voice recognition by pressing the voice command key.)

   ● **Side key only**: Activates voice recognition when you flip open the phone and press the voice command key. (It operates as Flip open Mode, when set to Announce or Driving Mode.)

Sound Modes (Menu `7pqrs` `3def` `2abc`)

Allows you to set Driving/Announce/Normal Mode.

1. Press Left Soft Key [icon] **Menu**.

2. Press `7pqrs` **Voice**.

3. Press `3def` **Voice Settings**.

4. Press `2abc` **Sound Modes**.

5. Select **Driving Mode** / **Announce Mode** / **Normal Mode** and press `OK` .

Using Phone Menus

When the Announce Mode is on, the highlighted menu will be announced.

For example,

1) Press Left Soft Key 🖰 **Menu**.
2) Main menu screen appears, phone announces "Main menu".
3) Then, phone announces the first menu item that is highlighted.
4) When the cursor is moved, the highlighted menu item is announced.
5) Menu readout only to the first sub-level.

Announce Alerts (Menu 7 3 3)

Allows you to notify caller ID and sender of message by voice.

1. Press Left Soft Key 🖰 **Menu**.
2. Press 7 **Voice**.
3. Press 3 **Voice Settings**.
4. Press 3 **Announce Alerts**.
5. Select **On** / **Off** and press OK .

NOTE: When Announce Alerts is set, 🔲 is displayed on the screen.

Best Match (Menu 7 3 4)

After you say a name or a number, your phone displays the recognition results—the name or number that best matches the one you said—and asks you to confirm. Select the number of results that you want your phone to display.

1. Press Left Soft Key 🖰 **Menu**.
2. Press 7 **Voice**.
3. Press 3 **Voice Settings**.
4. Press 4 **Best Match**.

5. Select an option and press OK .
   - **1 Result**: Displays the name or number that best matches the one you said.
   - **4 Results**: Displays the four names or numbers that best match the one you said and asks you if the first one is correct. If you say "Yes," the phone makes the call. If you say "No," the phone suggests the second one in the list, and so on, up to the fourth result.

Train Words (Menu 7 3 5)

Command Train is an optional personalization feature that helps your phone recognize the way you pronounce commands. If you do not get consistently good results with the commands, perform this brief, one-time session.

1. Press Left Soft Key 🖰 **Menu**.
2. Press 7 **Voice**.
3. Press 3 **Voice Settings**.
4. Press 5 **Train Words**.
5. Select an option then press OK .
   - **Commands** / **Digits** / **Yes, No** / **Contact** / **Phone Label**
6. Select **Training On** / **Training Off** and press OK .

Help (Menu 7 4)

Helps you to use the Voice menu.

1. Press Left Soft Key 🖰 **Menu**.
2. Press 7 **Voice**.
3. Press 4 **Help**.

Using Phone Menus

Tools (Menu 8_{tuv})

Your phone tools include a Alarm Clock, Scheduler, Notepad, Ez Tip Calc, Calculator, and World Clock.

Access and Options

1. Press Left Soft Key 🔲 **Menu**.
2. Press 8_{tuv} **Tools**.
3. Select a sub-menu.
   - 1⊙ **Alarm Clock**
   - 2_{abc} **Scheduler**
   - 3_{def} **Notepad**
   - 4_{ghi} **Ez Tip Calc**
   - 5_{jkl} **Calculator**
   - 6_{mno} **World Clock**

Alarm Clock (Menu 8_{tuv} 1⊙)

Allows you to set one of four alarms. The current time is displayed at the top of the screen when you select an alarm to set. At the alarm time, *Alarm 1* (or 2 or 3, as applicable) will be displayed on the LCD screen and the alarm will sound.

1. Press Left Soft Key 🔲 **Menu**.
2. Press 8_{tuv} **Tools**.
3. Press 1⊙ **Alarm Clock**.

4. Select the alarm you want to edit.
   - **Alarm 1** / **Alarm 2** / **Alarm 3** / **Quick Alarm**
5. Use ⬒ to highlight the alarm time then press OK .
6. Set the time for alarm.
7. Use ⬒ to highlight Once (recurring setting) and press OK .
8. Press ⬒ to select one of the following:
   - **Once** / **Daily** / **Mon-Fri** / **Weekends**
9. Use ⬒ to highlight Ring (ring type setting) and press OK .
10. Use ⬒ to select one of the available alarm ring types and press OK .
11. Press Left Soft Key 🔲 **Save**.

Scheduler (Menu 8_{tuv} 2_{abc})

Allows you to conveniently keep and access your agenda(s). Simply store your appointments and your phone will alert you with a reminder of your appointment.

1. Press Left Soft Key 🔲 **Menu**.
2. Press 8_{tuv} **Tools**.
3. Press 2_{abc} **Scheduler**.
4. Use ⊙ to highlight the scheduled day.

Using Phone Menus

(◀) Moves cursor to the left.

(▶) Moves cursor to the right.

(▲) Moves to the previous week.

(▼) Moves to the next week.

5. Press Left Soft Key **⬯Add**.

6. Enter your schedule information including:
   - Date
   - Time
   - Content
   - Voice
   - Repeating event
   - When to ring the alarm reminder
   - Which ring alarm to sound

7. Press Left Soft Key **⬯ Save**.

> NOTE: Scheduler will not alert you during a call or during SMS transmitting. It will sound the reminder after you exit a call.

Notepad (Menu 8ᵗᵘᵛ 3ᵈᵉᶠ)

Allows you to read, add, edit, and erase notes to yourself.

1. Press Left Soft Key **⬯ Menu**.
2. Press 8ᵗᵘᵛ **Tools**.
3. Press 3ᵈᵉᶠ **Notepad**.
4. Press Left Soft Key **⬯ Add** to write a new note.

Ez Tip Calc (Menu 8ᵗᵘᵛ 4ᵍʰⁱ)

Allows you to quickly and easily calculate the amounts for a bill with the amount of the bill, the amount of the tip and the number of people as variables.

1. Press Left Soft Key **⬯ Menu**.
2. Press 8ᵗᵘᵛ **Tools**.
3. Press 4ᵍʰⁱ **Ez Tip Calc**.

Calculator (Menu 8ᵗᵘᵛ 5ʲᵏˡ)

Allows you to calculate simple mathematical computations. You can enter numbers up to the second decimal place.

1. Press Left Soft Key **⬯ Menu**.
2. Press 8ᵗᵘᵛ **Tools**.
3. Press 5ʲᵏˡ **Calculator**.

> NOTE: Calculations can be made with up to 35 characters at one time (e.g., 63+78-21 would be 8 characters).

World Clock (Menu 8ᵗᵘᵛ 6ᵐⁿᵒ)

Allows you to determine the current time in another time zone or country.

1. Press Left Soft Key **⬯ Menu**.
2. Press 8ᵗᵘᵛ **Tools**.
3. Press 6ᵐⁿᵒ **World Clock**.

> NOTE: Press Left Soft Key ⬯Set DST to set DST.

Using Phone Menus

Settings (Menu 9wxyz)

The Setup menu has options to customize your phone.

Access and Options

1. Press Left Soft Key ◀ **Menu**.
2. Press 9wxyz **Settings**.
3. Select a sub-menu.
   - ● 1 **Sounds**
   - ● 2abc **Display**
   - ● 3def **System**
   - ● 4ghi **Security**
   - ● 5jkl **Call Setup**
   - ● 6mno **1x Data**
   - ● 7pqrs **Location**
   - ● 8tuv **Phone Info**

Sounds (Menu 9wxyz 1)

Options to customize the phone's sounds.

Ringers (Menu 9wxyz 1 1)

Sets ring tones for types of incoming calls.

1. Press Left Soft Key ◀ **Menu**.
2. Press 9wxyz **Settings**.
3. Press 1 **Sounds** then press 1 **Ringers**.
4. Select **Caller ID** / **No Caller ID** / **Restrict**.
5. Use ⬭ to select a ringer then press OK to save the sound.

Key Tone (Menu 9wxyz 1 2abc)

Allows you to set the Key Tone length and touch tone playback speed.

1. Press Left Soft Key ◀ **Menu**.
2. Press 9wxyz **Settings**.
3. Press 1 **Sounds** then press 2abc **Key Tone**.
4. Select either of the following then press OK .

   Normal Sends out a tone for a fixed period of time even if you keep the key pressed.

   Long Sends out a continuous tone for as long as you keep the key pressed.

NOTE: Dual-Tone Multi Frequency (DTMF) Signaling by the simultaneous transmission of two tones, one from a group of low frequencies and another from a group of high frequencies. Each group of frequencies consists of four frequencies. Setting the Key Beep length to Long will extend the DTMF tone.

Volume (Menu 9wxyz 1 3def)

Allows you to set various volume settings.

1. Press Left Soft Key ◀ **Menu**.
2. Press 9wxyz **Settings**.
3. Press 1 **Sounds** then press 3def **Volume**.
4. Select **Ringer** / **Earpiece** / **Key Beep** / **Speaker**.
5. Adjust the volume of the ringer with ⬭ then press OK to save the setting.

Using Phone Menus

Alerts (Menu `9wxyz` `1` `4ghi` **)**

Allows you to set any of the four Alert options to either On or Off.

1. Press Left Soft Key `Menu`.
2. Press `9wxyz` **Settings**.
3. Press `1` **Sounds** then press `4ghi` **Alerts**.
4. Select an alert option.

   Service Change (Menu `9wxyz` `1` `4ghi` `1` **)**

   Alerts you when service changes. When you enter a service area, the phone displays *Entering Service Area* message. When you leave a service area, the phone displays *Leaving Service Area* message.

   Minute Beep (Menu `9wxyz` `1` `4ghi` `2abc` **)**

   Alerts you 10 seconds before the end of every minute during a call.

   Call Connect (Menu `9wxyz` `1` `4ghi` `3def` **)**

   Alerts you when the call is connected.

   Back To Top (Menu `9wxyz` `1` `4ghi` `4ghi` **)**

   Alerts you when you scroll through the end of a menu list.

   ERI Sounds (Menu `9wxyz` `1` `4ghi` `5jkl` **)**

   Alerts you the status of cellular service.

5. Select an option and press `OK` .
6. Set **On** / **Off** with `⬯` then press `OK` .

Power On/Off Tone (Menu `9wxyz` `1` `5jkl` **)**

Allows you to set the phone to sound a tone when the phone is powered on, powered off, or both.

1. Press Left Soft Key `Menu`.
2. Press `9wxyz` **Settings**.
3. Press `1` **Sounds**.
4. Press `5jkl` **Power On / Off Tone**.
5. Set your selection with `⬯` .
6. Press `OK` to save the setting.

Display (Menu `9wxyz` `2abc` **)**

Options to customize the phone's display screen.

Banner (Menu `9wxyz` `2abc` `1` **)**

Allows you to enter a string of up to 16 characters which display on the LCD screen.

1. Press Left Soft Key `Menu`.
2. Press `9wxyz` **Settings**.
3. Press `2abc` **Display**.
4. Press `1` **Banner**.
5. Enter you banner text then press `OK` .

Using Phone Menus

Backlight (Menu 9^{wxyz} 2^{abc} 2^{abc} **)**

Allows you to set the duration for illuminating the backlight. Main LCD, Key Light Timer are set separately.

1. Press Left Soft Key ☝ **Menu**.
2. Press 9^{wxyz} **Settings**.
3. Press 2^{abc} **Display**.
4. Press 2^{abc} **Backlight**.
5. Choose a Backlight sub-menu and press OK .
   1[∞] **Main LCD /** 2^{abc} **Key Light Timer**
6. Choose a setting and press OK .
   1[∞] **Timer /** 2^{abc} **Brightness**

If an amount of time is set for the timer option, the time starts after the last key was pressed.

Main LCD (Menu 9^{wxyz} 2^{abc} 2^{abc} 1[∞] **)**

Timer Options

- ● **7 seconds**
- ● **15 seconds**
- ● **30 seconds**
- ● **Always on** means that the backlight is always on while flip (cellcase) is open.
- ● **Always off** means that the backlight is never on.

Brightness

Sets the brightness level of the backlight.

Key Light Timer (Menu 9^{wxyz} 2^{abc} 2^{abc} 2^{abc} **)**

- ● **7 seconds**
- ● **15 seconds**
- ● **Always on** means that the backlight is always on while flip (cellcase) is open.
- ● **Always off** means that the backlight is never on.

Screens (Menu 9^{wxyz} 2^{abc} 3^{def} **)**

Allows you to choose the kind of background to be displayed on the phone.

1. Press Left Soft Key ☝ **Menu**.
2. Press 9^{wxyz} **Settings**.
3. Press 2^{abc} **Display**.
4. Press 3^{def} **Screens**.
5. Select **Wallpaper** / **Power On** / **Power Off**.
6. Select from different screens then press Left Soft Key ☝ **Save**.

Menu Style (Menu 9^{wxyz} 2^{abc} 4^{ghi} **)**

Allows you to choose whether you want the menu to show as a list or as icons.

1. Press Left Soft Key ☝ **Menu**.
2. Press 9^{wxyz} **Settings**.
3. Press 2^{abc} **Display**.
4. Press 4^{ghi} **Menu Style**.
5. Select **Icon** or **List** and press OK .

Using Phone Menus

Clocks (Menu 9ʷˣʸᶻ 2ᵃᵇᶜ 5ʲᵏˡ **)**

Allows you to choose the kind of clock to be displayed on the LCD screen.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 2ᵃᵇᶜ **Display**.
4. Press 5ʲᵏˡ **Clocks**.
5. Select **Normal** / **Analog** / **Digital** then press Left Soft Key **Save**.

Theme Colors (Menu 9ʷˣʸᶻ 2ᵃᵇᶜ 6ᵐⁿᵒ **)**

Allows you to choose the color of the background screen.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 2ᵃᵇᶜ **Display**.
4. Press 6ᵐⁿᵒ **Theme Colors**.
5. Select **Default** / **Green** / **Violet** / **Orange** then press OK .

Status LED Colors (Menu 9ʷˣʸᶻ 2ᵃᵇᶜ 7ᵖqʳˢ **)**

Allows you to choose the color of the LED Status.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 2ᵃᵇᶜ **Display**.
4. Press 7ᵖqʳˢ **Status LED Colors**.
5. Choose a sub-menu and press OK .
   - 1 **Incoming Calls**   2ᵃᵇᶜ **New SMS Alerts**
   - 3ᵈᵉᶠ **Reminders**   4ᵍʰⁱ **Roaming Calls**
   - 5ʲᵏˡ **Battery Low**
6. Select the color which you want to assign.
   - ● **Dynamic** / **Red** / **Green** / **Blue** / **Yellow** / **Magenta** / **Cyan** / **Off**

Contrast (Menu 9ʷˣʸᶻ 2ᵃᵇᶜ 8ᵗᵘᵛ **)**

Allows you to set the level of contrast for your LCD screen.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 2ᵃᵇᶜ **Display**.
4. Press 8ᵗᵘᵛ **Contrast**.
5. Choose a Contrast sub-menu and press OK .
   - 1 **Main LCD** / 2ᵃᵇᶜ **Front LCD**.
6. Use to adjust the contrast level.

Using Phone Menus

Fonts (Menu [9wxyz] [2abc] [9wxyz] **)**

Allows you to set the size and color of the font.

1. Press Left Soft Key [ ] **Menu**.
2. Press [9wxyz] **Settings**.
3. Press [2abc] **Display**.
4. Press [9wxyz] **Fonts**.

   Calling Digits (Menu [9wxyz] [2abc] [9wxyz] [1@] **)**

   1. Select **Size** / **Color**.
   2. Press [ ] until you find the size or color you desire then press [OK] to save.

   Text Editor (Menu [9wxyz] [2abc] [9wxyz] [2abc] **)**

   1. Select **Size** / **Color**.
   2. Press [ ] until you find the size or color you desire then press [OK] to save.

Language (Menu [9wxyz] [2abc] [0next] **)**

Allows you to set the bilingual feature according to your preference. Choose between English and Spanish.

1. Press Left Soft Key [ ] **Menu**.
2. Press [9wxyz] **Settings**.
3. Press [2abc] **Display**.
4. Press [0next] **Language**.
5. Set **English** / **Spanish** with [ ] then press [OK] .

System (Menu [9wxyz] [3def] **)**

The System menu allows you to designate specific system network settings.

Select System (Menu [9wxyz] [3def] [1@] **)**

Allows you to set up the phone producer's management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

1. Press Left Soft Key [ ] **Menu**.
2. Press [9wxyz] **Settings**.
3. Press [3def] **System**.
4. Press [1@] **Select System**.
5. Select **Home Only** / **Automatic** then press [OK] .

Set NAM (Menu [9wxyz] [3def] [2abc] **)**

Allows you to select the phone's NAM (Number Assignment Module) if the phone is registered with multiple service providers.

1. Press Left Soft Key [ ] **Menu**.
2. Press [9wxyz] **Settings**.
3. Press [3def] **System**.
4. Press [2abc] **Set NAM**.
5. Select **NAM1** / **NAM2** then press [OK] .

Using Phone Menus

Auto NAM (Menu 9ʷˣʸᶻ 3ᵈᵉᶠ 3ᵈᵉᶠ)

Allows the phone to automatically switch between programmed telephone numbers corresponding to the service provider area.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 3ᵈᵉᶠ **System**.
4. Press 3ᵈᵉᶠ **Auto NAM**.
5. Select **On** / **Off** then press OK .

Serving System (Menu 9ʷˣʸᶻ 3ᵈᵉᶠ 4ᵍʰⁱ)

Identifies the channel number of a system that is served and a SID Number. This information is only for technical support.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 3ᵈᵉᶠ **System**.
4. Press 4ᵍʰⁱ **Serving System**.

Security (Menu 9ʷˣʸᶻ 4ᵍʰⁱ)

The Security menu allows you to secure the phone electronically.

Lock Phone (Menu 9ʷˣʸᶻ 4ᵍʰⁱ 1)

Keeps your phone from unauthorized use. Once the phone is locked, it is in restricted mode until the lock code is entered. You can receive phone calls and still make emergency calls.
You can modify the lock code using the New Lock code within the Security menu.

1. Press Left Soft Key **Menu**.
2. Press 9ʷˣʸᶻ **Settings**.
3. Press 4ᵍʰⁱ **Security**.
4. Enter the four-digit lock code.
   The lock code is commonly the last 4 digits of your phone number.
5. Press 1 **Lock Phone**.
6. Select an option then press OK .

Unlock	The phone is never locked (Lock mode can be used).
Lock	The phone is always locked. When locked, you can receive incoming calls or make only emergency calls.
On Power Up	The phone is locked when it is turned on.

Using Phone Menus

Restrict (Menu 9 4 2)

Allows you to restrict outgoing calls. If you set this feature to On, you can only place calls to emergency numbers and phone numbers stored in your Contacts. You can still receive calls in the restrict mode.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 4 **Security**.
4. Enter the four-digit lock code.
5. Press 2 **Restrict**.
6. Select **On** / **Off** then press OK .

Emergency #s (Menu 9 4 3)

Allows you to enter 3 emergency numbers You can call these emergency numbers and 911, even when the phone is locked or restricted.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 4 **Security**.
4. Enter the four-digit lock code.
5. Press 3 **Emergency #s**.
6. Select an emergency number using .
7. Enter an emergency phone number then press OK .

Change Code (Menu 9 4 4)

Allows you to enter a new four-digit lock code.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 4 **Security**.
4. Enter the four-digit lock code.
5. Press 4 **Change Code**.
6. For confirmation, it will ask you to enter the new lock code again.

Erase Contacts (Menu 9 4 5)

Allows you to erase all of your Contacts at once.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 4 **Security**.
4. Enter the four-digit lock code.
5. Press 5 **Erase Contacts**.
6. Select **Erase all #s** then press OK .

Using Phone Menus

Reset Default (Menu 9wxyz 4ghi 6mno)

Allows you to reset your phone to the factory default settings.

1. Press Left Soft Key **Menu**.
2. Press 9wxyz **Settings**.
3. Press 4ghi **Security**.
4. Enter the four-digit lock code.
5. Press 6mno **Reset Default**.
6. Press OK , select **Revert** then press OK .

Call Setup (Menu 9wxyz 5jkl)

The Call Setup menu allows you to designate how the phone handles both incoming and outgoing calls.

Auto Retry (Menu 9wxyz 5jkl 1)

Allows you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. Press Left Soft Key **Menu**.
2. Press 9wxyz **Settings**.
3. Press 5jkl **Call Setup**.
4. Press 1 **Auto Retry**.
5. Select **Off** / **Every 10 seconds** / **Every 30 seconds** / **Every 60 seconds** then press OK .

Answer Call (Menu 9wxyz 5jkl 2abc)

Allows you to determine how to initiate an answered call.

1. Press Left Soft Key **Menu**.
2. Press 9wxyz **Settings**.
3. Press 5jkl **Call Setup**.
4. Press 2abc **Answer Call**.
5. Select **Flip Open** / **Any Key** / **SEND Only** then press OK .

Auto-Answer (Menu 9wxyz 5jkl 3def)

Allows you to select the number of rings before the phone automatically answers a call. This feature is intended for use with hands free devices, but is an independent feature of the phone and must be manually turned on/off when connected or disconnected from the device.

1. Press Left Soft Key **Menu**.
2. Press 9wxyz **Settings**.
3. Press 5jkl **Call Setup**.
4. Press 3def **Auto-Answer**.
5. Select an option then press OK .

- **Off**
- **After 1 ring** When you have an incoming call, the phone automatically responds after 1 ring.
- **After 3 rings** When you have an incoming call, the phone automatically responds after 3 rings.

Using Phone Menus

One-Touch Dial (Menu 9ᵂˣʸᶻ 5ⱼₖₗ 4ᵍʰⁱ)

Allows you to initiate a speed dial call by pressing and holding the speed dial digit. If set to *Disable*, Speed Dial numbers designated in your Contacts will not function.

1. Press Left Soft Key **Menu**.
2. Press 9ᵂˣʸᶻ **Settings**.
3. Press 5ⱼₖₗ **Call Setup**.
4. Press 4ᵍʰⁱ **One-Touch Dial**.
5. Select **Enable** / **Disable** then press OK .

Voice Privacy (Menu 9ᵂˣʸᶻ 5ⱼₖₗ 5ⱼₖₗ)

Allows you to set the voice privacy feature for CDMA calls as Enhanced or Standard. CDMA offers inherent voice privacy. Check with your service provider for availability.

1. Press Left Soft Key **Menu**.
2. Press 9ᵂˣʸᶻ **Settings**.
3. Press 5ⱼₖₗ **Call Setup**.
4. Press 5ⱼₖₗ **Voice Privacy**.
5. Select **Enhanced** / **Standard** then press OK .

Auto Volume (Menu 9ᵂˣʸᶻ 5ⱼₖₗ 6ᵐⁿᵒ)

Provides a better audio experience by enabling the Auto Volume feature to control the dynamic range and volume of the sending and receiving voice across different levels of speaker and environments.

1. Press Left Soft Key **Menu**.
2. Press 9ᵂˣʸᶻ **Settings**.
3. Press 5ⱼₖₗ **Call Setup**.
4. Press 6ᵐⁿᵒ **Auto Volume**.
5. Select **On** / **Off** then press OK .

TTY Mode (Menu 9ᵂˣʸᶻ 5ⱼₖₗ 7ᵖ۩ʳˢ)

Allows you to attach a TTY device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. Press Left Soft Key **Menu**.
2. Press 9ᵂˣʸᶻ **Settings**.
3. Press 5ⱼₖₗ **Call Setup**.
4. Press 7ᵖ۩ʳˢ **TTY Mode**.
5. Press OK .
6. Select **TTY Full** / **TTY+TALK** / **TTY+HEAR** / **TTY Off** then press OK .

Using Phone Menus

1x Data (Menu 9 6)

This menu allows you to use wireless data communication services. Wireless data communication services refers to the utilization of subscriber terminals for access to the internet with personal computers or laptops at 19.2 Kbps or at a maximum of 230.4 Kbps. The connection speed depends on your carrier's network and other variables. Contact communication information specifications must match the network.

Data/Fax (Menu 9 6 1)

Allows you to use your phone to transmit data and faxes.

1. Press Left Soft Key 🔲 **Menu**.
2. Press 9 **Settings**.
3. Press 6 **1x Data**.
4. Press 1 **Data/ Fax**.
5. Select **Off** / **Fax In Once** / **Fax In Always** / **Data In Once** / **Data In Always** then press OK .

> NOTE: The Data Connection Kit allows you to connect your PC or PDA to your LG wireless phone, freeing you from having to locate a telephone outlet. You can send or receive an e-mail, a fax, or access the Internet anytime, anywhere.

Select Port (Menu 9 6 2)

Allows you to select the data port.

1. Press Left Soft Key 🔲 **Menu**.
2. Press 9 **Settings**.
3. Press 6 **1x Data**.
4. Press 2 **Select Port**.
5. Select **RS-232C(COM Port)** / **Closed** then press OK .

Port Speed (Menu 9 6 3)

Allows you to set the port speed. Set the port speed based on your carrier's network. Contact your carrier to determine the maximum available speed.

1. Press Left Soft Key 🔲 **Menu**.
2. Press 9 **Settings**.
3. Press 6 **1x Data**.
4. Press 3 **Port Speed**.
5. Select **19200** / **115200** / **230400** then press OK .

> NOTE: When using the 1X HSPD data service via an RS-232C data cable, the port speed is set to 115,200 (230,400 is not supported). When using the 1X HSPD data service via a USB data cable, you may get better port speed if the port speed is set to 230,400 rather than 115,200.

Using Phone Menus

Location (Menu 9 7)

Menu for GPS (Global Positioning System: Satellite assisted location information system) mode.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 7 **Location**.
4. Select **Location On** / **E911 Only** then press OK .

> NOTE: GPS satellite signals are not always transmitted, especially under bad atmospheric and environmental conditions, indoors or otherwise.

Phone Info (Menu 9 8)

The Phone Info menu provides you with specific information pertaining to your phone model.

My Phone Number (Menu 9 8 1)

Allows you to view your phone number.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 8 **Phone Info**.
4. Press 1 **My Phone Number**.

S/W Version (Menu 9 8 2)

Allows you to view the software, PRL, ERI, and browser version.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 8 **Phone Info**.
4. Press 2 **S/W Version**.

Icon Glossary (Menu 9 8 3)

Allows you to view all the icons and their meanings.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 8 **Phone Info**.
4. Press 3 **Icon Glossary**.

Shortcut Help (Menu 9 8 4)

Allows you to view condensed information about using the phone.

1. Press Left Soft Key **Menu**.
2. Press 9 **Settings**.
3. Press 8 **Phone Info**.
4. Press 4 **Shortcut Help**.
   ● From the Standby screen, press CLR .

Safety

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone 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)

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

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

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

Antenna Care

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:
Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive and always obey them. Also, if using your phone while driving, please observe the following:

● 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 or the law so require.

Electronic Devices

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

Pacemakers

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

Safety

Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

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.) Optional for each phone manufacturer.

Other Medical Devices

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

Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use 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 in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

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

Potentially Explosive Atmosphere

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 marked clearly. Potential areas may include: fueling areas (such as gasoline 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 engine.

For Vehicles Equipped with an Air Bag

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

Safety

Charger and Adapter Safety

● The charger and adapter are intended for indoor use only.
● Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

Battery Information and Care

● Please dispose of your battery properly or take it to your local wireless carrier for recycling.
● Do not dispose of your battery in fire or with hazardous or flammable materials.
● Never store your phone in temperatures less than -4° F or greater than 122° F.
● Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
● The battery does not need to be fully discharged before recharging.
● Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
● Do not disassemble or short-circuit the battery.
● Keep the battery's metal contacts clean.
● Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
● Recharge the battery after long periods of non-use to maximize battery life.
● Battery life will vary due to usage patterns and environmental conditions.
● Use of extended backlighting, MiniBrowser, and data connectivity kits affect battery life and talk/standby times.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user's guide in an accessible place at all the times after reading it.

Explosion, Shock, and Fire Hazards

● Make sure that no sharp-edged items such as animal's teeth, nails, come into contact with the battery. There is a risk of this causing a fire.
● Do not use harsh chemicals(such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
● When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.
● Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
● Do not drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.
● Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.
● Do not use your phone in high explosive areas as the phone may generate sparks.
● Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
● Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.

Safety

- Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause a fire or electric shock.
- When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat or fire.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause fire or electric shock.
- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Never place your phone in a microwave oven as it will cause the battery to explode.

General Warnings and Cautions

- Only use the batteries, antennas, and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
- Store the battery in a place out of reach of children.
- Using a damaged battery or placing a battery in your mouth may cause serious injury.

- Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Do not hold or let the antenna come in contact with your body during a call.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- Do not use the phone in areas where its use is prohibited. (For example: aircraft).
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- The power cord on this product will expose you to lead, a chemical known to the State of California to cause (cancer, and) birth defects or other reproductive harm. Wash hands after handling.

Safety

FDA Consumer Update

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile 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 standby 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 the FDA's role concerning the safety of wireless phones?

Under the law, the 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, the 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, the 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.

The 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
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The 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. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The 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.

Safety

3. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld 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 FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

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

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The 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 radio frequency energy (RF).

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The FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

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

7. How can I find out how much radio frequency 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 radio frequency energy (RF) exposures. The FCC established these guidelines in consultation with the 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 the FDA done to measure the radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radio frequency 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 radio frequency 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 radio frequency 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.

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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 radio frequency 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?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the 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 the 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. The 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 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.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the 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/)

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Consumer Information on SAR

(Specific Absorption Rate)

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 radio frequency (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 using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although 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. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.17 W/kg and when worn on the body, as described in this user guide, is 0.914 W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission 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 FCC ID BEJVX4500. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.wow-com.com.

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

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10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When operating a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip -- dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations -- with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency

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where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

For more information, please call to 888-901-SAFE, or visit our website www.wow-com.com

Accessories

There are a variety of accessories available for your mobile phone. Consult your local dealer for availability.

Travel Charger

The travel charger allows you to charge the battery while away from your home or office. It supports standard U.S. AC120 Volt 60 Hz outlets. It takes 5 hours to charge a completely discharged battery.

Battery

Two batteries are available. The standard battery, and the extended battery.

Desktop Charger

The desktop charger allows you to place the phone in a convenient stand for charging. It can charge a completely discharged battery in 3 hours.

Cigarette Lighter Charger

The cigarette lighter charger allows you to operate the phone and trickle charge the phone's battery from your vehicle. It takes 5 hours to charge a completely discharged battery.

Accessories

Hands-Free Car Kit (Portable)

The hands-free car kit enables you to attach the phone to the power jack in your car, providing you with hands-free operation. It can charge a completely discharged battery in 5 hours.

Headset

The headset connects to your phone allowing hands-free operation. It includes earpiece, microphone, and integrated call answer / termination button.

NOTE: *It operates in vibration/no sound mode on Manner Mode/Silence All Mode even when connected to headset.*

Holster

Warranty Information

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

(1) The limited warranty for the unit and enclosed accessories shall be a period of one (1) year from the date of original purchase. The remaining warranty period for the unit being repaired or replaced shall be determined by presentation of the original sales receipt for the purchase of the unit.

(2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser / end user.

(3) The limited warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories, and all Canadian Provinces.

(4) The external housing and cosmetic parts shall be free of major defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.

(5) Upon request from LG, the consumer must provide information satisfactory to LG to prove the date of purchase or exchange.

(6) The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

(1) Defects or damage resulting from use of the product in other than its normal and customary manner.

(2) Defect or damage from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair,

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misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, or spills of food or liquid.

(3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.

(4) Alleged defects or malfunctions of the product if the Customer Service Department at LG was not notified by the consumer during the applicable limited warranty period.

(5) Products which have had the serial number removed or made illegible.

(6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including but not limited to any implied warranty of marketability merchantability or fitness for a particular use.

(7) Damage resulting from use of non-LG approved accessories.

(8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

(9) Products operated outside published maximum ratings.

(10) Products used or obtained in a rental program.

(11) Consumables (such as fuses).

3. STATE LAW RIGHTS:

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY OR MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG INFOCOMM U.S.A., INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY OR MERCHANTABILITY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusive of limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations 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.

4. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call the following telephone number from anywhere in the continental United States:

Tel. 1-800-793-8896 or visit www.lgeservice.com. Please call or write for the location of the LGE authorized service center nearest you and the procedures for obtaining warranty claims.

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