LG

Life's Good

AX155 | USER GUIDE

Please read this manual carefully before operating your mobile phone. Retain it for future reference.

P/N : MMBB0284301 (1.0) H

Important Safety Precautions

Read these instructions. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

WARNING! Violation of the instructions may cause serious injury or death.

1. Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.

2. Never place your phone in a microwave oven as it will cause the battery to explode.

3. Never store your phone in temperatures less than -4˚F or greater than 122˚F.

4. Do not dispose of your battery by fire or with hazardous or flammable materials.

5. 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 deployed, you may be seriously injured.

6. Do not use a hand-held phone while driving.

7. Do not use the phone in areas where its use is prohibited. (For example: aircraft)

Important Safety Precautions

1. Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

2. Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.

3. Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.

4. Do not use your phone in high explosive areas as the phone may generate sparks.

5. 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.

6. Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

7. Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.

8. Do not disassemble the phone.

2

1. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

2. Do not hold or let the antenna come in contact with your body during a call.

3. Make sure that no sharp-edged items such as animal's teeth or nails, come into contact with the battery. This could cause a fire.

4. Store the battery out of reach of children.

5. 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 resulting in serious injury or death.

6. Unplug the power cord and charger during lightning storms to avoid electric shock or fire.

7. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.

8. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

9. An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.

Table of Contents

Table of Contents

5

Table of Contents

Table of Contents

Thank you for choosing the advanced and compact AX155 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, this phone offers:

● Significantly enhanced voice clarity.

● Large, easy-to-read, 8-line backlit LCD with status icons.

● Paging, messaging, voice mail, and caller ID.

● 22-key keypad.

● 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.

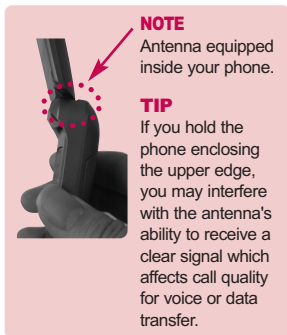● Internal antenna (described as antenna throughout this user guide).

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.

Technical Details

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.

NOTE
Antenna equipped inside your phone.

TIP
If you hold the phone enclosing the upper edge, you may interfere with the antenna's ability to receive a clear signal which affects call quality for voice or data transfer.

Technical Details

The AX155 is a dual mode 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).

* 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.

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	CDMA Dual-Mode Air Interface 14.4kbps radio link protocol and inter-band operations IS-95 adapted for PCS frequency band cdma2000 1xRTT AirInterface
Network	TIA/EIA/IS-634 TIA/EIA/IS/651 TIA/EIA/IS-41 -C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem operations Non-signaling data comm.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 IS-801	Speech CODEC Short message service Position Determination Service (gpsOne)
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

Technical Details

FCC RF Exposure Information

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 0.6 inches (1.5 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5 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 0.6 inches (1.5 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 (20cm) 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 antenna.

Phone Overview

1. **Earpiece** Lets you hear the caller.
2. **Flip** Open to answer an incoming call and close to end the call.
3. **LCD Screen** Displays messages and indicator icons.
4. **Earphone Jack** Allow the use of a headset to hear caller's voice.
5. **Left Soft Key** Use to access My Menu.
6. **Side Volume Keys** Allows you to adjust volume.
7. **TALK Key** Use to place or answer calls.
8. **Lock Mode Key** Use in standby mode to set the lock function by pressing and holding the key ⋆ for about 3 seconds.
9. **Navigation Key** Use for quick access to Calendar, Alltel Shop, Contact List, and Ringtone menu.
10. **Right Soft Key** Use to access Messaging menu or Unlock Key.
11. **OK/MENU Key** Use to access the Menu, and to select menu items.
12. **PWR/END Key** Use to turn the power on/off and to end a call. Also use to return to the main menu display screen.
13. **BACK/Speaker 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. Speaker Key during a call.
14. **Alphanumeric Keypad** Use to enter numbers and characters and select menu items.
15. **Manner Mode Key** Use to set Manner mode (from standby mode press and hold # for about 3 seconds).
16. **Microphone** Lets callers hear you.
17. **Charger Port** Connects the charger to the phone.

Menus Overview

Messaging

1. New Text Message
2. Inbox
3. Sent
4. Drafts
5. Voicemail
6. Templates
7. Settings
    1. Auto Save
    2. Auto Delete
    3. Entry Mode
    4. Signature
    5. Speed Messaging
    6. Auto View
    7. Auto Play
    8. Callback #
    9. Edit Voicemail #
8. Delete All
    1. Inbox
    2. Sent
    3. Drafts
    4. All Messages

Alltel Shop

1. Alltel Shop
2. Alltel **Info**

Organizer

1. Calendar
2. Notepad

Voice Service

1. Voice Dialing
2. Record Voice

Contacts

1. New Contact
2. Contact List
3. Groups
4. Speed Dials
5. My Name Card

Recent Calls

1. Missed Calls
2. Received Calls
3. Dialed Calls
4. All Calls

5. Call Timer
    1. Last Call
    2. Home Calls
    3. Roam Calls
    4. All Calls
6. Data
7. Data Counter
    1. Transmitted
    2. Received
    3. Total

My Media

1. Images
2. Audio
    1. Default
    2. Downloaded
    3. Recorded Voice
3. Shuffle

Tools

1. My Menu
2. Alarm Clock
3. Ez Tip Calc
4. Calculator

Menus Overview

Menu Access

Press ⊙ to access nine phone menus. There are two ways to access menus and submenus:

- Use the navigation key to highlight and select, or

- Press the number key that corresponds with the menu (or submenu).

Menus Overview

Getting Started with Your Phone

The Battery

Installing the Battery

Remove the battery cover, insert the battery into the opening by first aligning the bottom of the battery with the terminals near the bottom of the phone. Align the battery cover over the battery then slide it slightly upward until it clicks into place.

Removing the Battery

Turn the phone off. Slide the battery cover downward and remove it. Use the opening near the top of the battery to lift the battery out.

Charging the Battery

Warning! Use only the charger provided with the phone. Using any charger other than the one included with the AX155 may damage your phone or battery.

1. Plug the end of the adapter into the phone's charger port and the other end into an electrical outlet.

2. The charge time varies depending upon the battery level.

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 a warning message. If the battery charge level becomes exceedingly low, the phone automatically switches off and

Getting Started with Your Phone

any function in progress is not saved.

Turning the Phone On and Off

Turning the Phone On

1. Install a charged battery or connect the phone to an external power source.

2. Press ⌧ for about 3 seconds until the LCD screen lights up.

Turning the Phone Off

1. Press and hold ⌧ 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.

Screen Icons

To see the icon glossary, go to ⌧ -> **Settings** -> **Phone Info** -> **Icon Glossary** on your phone.

Making Calls

1. Make sure the phone is turned on. If not, press ⌧ for about 3 seconds.

2. Enter the phone number (include the area code if needed).

3. Press ⌧ .

   If the phone is locked, enter the lock code.

18

Note

If the phone is restricted, you can only dial phone numbers saved in the Emergency Numbers or your Contact List. To turn off this function: [OK MENU] -> [9 wxyz] **Settings** -> [3 def] **Security** -> **Enter lock code** -> [2 abc] **Restrictions** -> [1] **Calls** -> [4 ghi] **None**

4. Press [END] to end the call.

Redialing Calls

1. Press [TALK] twice to redial the last number you dialed. The last 120 numbers (dialed, received, missed) are stored in the call history list and you can also select any of these to redial.

Receiving Calls

1. When the phone rings or vibrates, press [TALK] to answer.

Note

If you press [END] while the phone is ringing, the ringing or vibration is muted for that call.

2. Press [END] to end the call.

Quick Access to Convenient Features

Manner mode

Sets the phone to vibrate instead of ring (🔔 is displayed). To quickly set Manner mode press and hold #space . To return to Normal mode, press and hold #space .

Lock Mode

Sets your phone to require a 4-digit password in order to use the phone.

> **Note**
> Until you change it, the default lock code/password is the last 4 digits of your phone number.

To quickly lock your phone press *shift for three seconds. To cancel, press Right Soft Key **Unlock** and enter the password.

Mute Function

The Mute Function is used during a phone call. To quickly activate Mute press Left Soft Key **Mute**, then to cancel press Left Soft Key **Unmute**.

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 TALK to receive a waiting call.

2. Press TALK again to switch between calls.

Caller ID

Caller ID displays the phone number or name of the incoming call. If the caller's identity is stored in Contacts, the name will appear along with the phone 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. A number key can be assigned to a specific phone number. By pressing and holding down a number key, your phone will recall the phone number associated from the Contact List and display it briefly while simultaneously dialing that phone number for you. Speed Dial Number 1 is set to Voice Mailbox by default and is unchangeable.

Dialing Single Digit Speed Dials (from 2 to 9)

Press and hold the Speed Dial number.

OR

Enter the speed dial number and press ⬚ .

Dialing Double Digit Speed Dials (from 10 to 99)

Press the first digit and then press and hold the key of the second digit.

OR

Enter the first and second digits and press ⬚ .

Entering and Editing Information

Text Input

Key Functions

⌘ **Left Soft Key:**
Press to scroll through the following text input modes: **T9Word (T9WORD/ T9Word/ T9word)** -> **Abc (ABC/Abc/abc)** -> **123** -> **Symbols**

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

0next **Next:** In T9 mode, press to display other matching words.

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

BACK/ **Clear:** Press to delete a single space or character. Hold to delete the whole message.

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

Text Input Modes

There are four modes for entering text, numbers, special characters, and punctuation. In a text entry field, pressing Left Soft Key ⌘ displays a pop-up list of text modes.

T9Word (T9) Mode

Also known as predictive text mode, T9 allows the phone to automatically translate keystrokes into common words that are in the T9 internal database. The technology allows words to be entered by a single keypress for

each letter as opposed to the multi-tap method where selecting a single letter requires multiple key presses.

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 36 special characters.

Changing Letter Capitalization
Text can be capitalized when in T9 and Abc input modes. Press ✳️ₛₕᵢfₜ to access the following:

Initial Cap (T9Word/ Abc)
Only the first letter is capitalized and subsequent letters are lower case.

Caps Lock (T9WORD/ ABC)
All letters are capitalized.

Lower Case (T9word/ abc)
All letters are lower case.

23

Contacts in Your Phone's Memory

Searching Your Phone's Memory

The AX155 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 Through Your Contacts

1. Press 🔽 to display your Contacts alphabetically.
2. Use 🔄 to scroll through the list.

Searching by Letter

1. Press 🔽 to display your Contacts alphabetically.

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

Accessing Options

1. Press 🔽.
2. Press Right Soft Key 🔲 **Options**.
3. Select an option (use 🔄 then press 🆗, or press the corresponding number on the keypad):

1️⃣ **Send Message**: Send a text message to the selected contact.

2️⃣ **Edit**: Edit the selected contact information.

3️⃣ **Delete**: Delete the selected entry from your Contacts.

4️⃣ **Delete All**: Deletes all contacts.

5️⃣ **Set as Speed Dial/ Remove Speed Dial**: Set a

speed dial or remove the
speed dial.

Making a Call From Your Phone's Memory

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

● By pressing TALK Key 🔲
after searching for a phone
number in Contacts or Recent
Calls and highlighting it.

● By using Speed Dialing.

From Contacts

1. Press 🔽 to display your
Contacts alphabetically.

2. Use 🔘 to select the Contact
entry, then press 🔲 .

3. Use 🔘 to select the phone
number.

4. Press 🔲 to place the call.

From Recent Calls

1. Press 🔲 .

2. Press **6**ᵐⁿᵒ **Recent Calls**.

3. Use 🔘 to select the type of
recent call, then press 🔲 .

   **Missed Calls/ Received
   Calls/Dialed Calls/ All Calls**

4. Use 🔘 to select the phone
number.

5. Press 🔲 to place the call.

Speed Dialing

For a single-digit Speed Dial,
press and hold the digit or press
the digit, then press 🔲 . For a
double-digit Speed Dial, press
the first digit and hold the
second digit or press the first
and second digits, then press
🔲 .

Messaging

The phone can store up to 115 messages (50 Inbox text messages, 50 Sent text messages, 15 Draft text messages). This handset supports 160 characters per page, and 10 pages. The information stored in the message is determined by phone model and service capability. Other limits such as available characters per message may exist. Please check with your service provider for system features and capabilities.

1. New Text Message

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 Text Message

1. Press [OK/MENU] , [1🔊] , [1🔊] .

2. Enter the recipient's address.

3. Press [OK/MENU] to access the message screen.

4. Type your message (text or e-mail).

5. Press [OK/MENU] **Send**.
   A confirmation message is displayed.

Customizing the Text Message Using Options

Address Options

1. Create a new message.

2. Press Right Soft Key [ ] **Options**.

3. Select the option(s) to customize.

Contacts To select a recipient from your Contact List.

Recent Calls To select a recipient from your Recent Calls.

Groups Select a recipient from your Groups.
General/ Family/ Friends/ Colleagues/ Business/ School

Cancel Cancels editing your message.

4. Complete and send or save the message.

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 the message window.

3. Press Right Soft Key 🔲 **Options**.

4. Select the option(s) to customize.

Add **Graphic/ Animation/ Sound/ Templates/ Signature**

Text Format **Alignment/ Font Size/ Font Style/ Text Color/ Background**

Save as Draft

Save as Templates

Priority Level **Normal/ High**

Callback # **On/ Off**

Delivery Notice **Enhanced/ Normal**

Cancel Cancels editing your message.

5. Complete and send or save the message.

Messaging

Message Icon Reference

Text Message

📲	Multi Messages delivered
▦	Delivered Message
▨	Failed Multi Message
▨	Failed Message
📳	Multi Messages Pending
▨	Sent Message Pending
▨	Multi Messages in transfer
✉	Read Message
✉	Read urgent message
✉	Unread
▨	Sent Messages
✉	Unread urgent message
🔒	Lock

2. Inbox

Viewing Your Inbox

Up to 50 received messages can be stored in the Inbox.

1. Press $\boxed{\text{OK}}$, $\boxed{1}$, $\boxed{2^{abc}}$.

2. Use $\textcircled{\updownarrow}$ to highlight an Inbox message.

   ● Left Soft Key $\boxed{\text{}}$ **Reply** to reply to the message.

   ● Right Soft Key $\boxed{\text{}}$ **Options**.

3. Use $\textcircled{\updownarrow}$ to highlight an Inbox message, then press $\boxed{\text{OK}}$.

4. While viewing the selected message, press Left Soft Key $\boxed{\text{}}$ **Reply** or Right Soft Key $\boxed{\text{}}$ **Options**.

Delete Deletes the selected message.

Forward Forwards a received message to other destination address(es).

Save Contact Saves the number to your Contact List.

Save as Templates Saves the message as template.

Callback Allows you to call back to the message number.

Lock/ Unlock Locks or unlocks the selected message.

Information Shows the message type, priority and status.

3. Sent

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

1. Press ⒪, **1**, **3** def.

2. Use ○ to highlight a Sent message, then press ⒪. While viewing the selected Sent message, press Left Soft Key ⌂ **Resend** to or press Right Soft Key ⌐ **Options**.

Delete Deletes the selected message.

Forward Forwards a received message to other destination address(es).

Save Contact Saves the number to your Contact List.

Save as Templates Saves the message as template.

Lock/ Unlock Locks or unlocks the selected message.

Information Shows the message type, priority and status.

4. Drafts

Displays messages saved as Drafts.

1. Press ⒪, **1**, **4** ghi.

2. Use ○ to highlight a Draft message and press Right Soft Key ⌐ **Options**.

Delete Deletes the selected message from the Drafts.

Save Contact Saves the number to your Contact List.

Lock/ Unlock Locks a message

Messaging

so that it is not erased if the Erase Saved or Erase All feature is used.

Delete Multiple Selective/ All

You can edit the message by pressing the 🔲.

5. Voicemail

Allows you to view new voice messages recorded in the voice mail box. Your phone will alert you when you receive a new voice message.

Checking Your Voicemail Box

1. Press 🔲, 1 🔲, 5 🔲.

● Press Left Soft Key 🔲 **Clear** to delete information, then select Yes.

● Press 🔲 to listen to the message(s).

6. Templates

Allows you to display, edit, and

add text phrases. These text strings allow you to reduce manual text input into messages.

1. Press 🔲, 1 🔲, 6 🔲.

2. Press Left Soft Key 🔲 **New** to add a new template. Enter text for template and press 🔲 to save.

3. Press Right Soft Key 🔲 Options. **Delete / Edit**

7. Settings

Allows you to configure settings for messages.

1. Press 🔲, 1 🔲, 7 🔲.

Message Settings Submenu Descriptions

7.1 Auto Save

Allows you to automatically save Sent messages in your Outbox. **(Auto Save/ Prompt/ Do Not Save)**

7.2 Auto Delete

With this feature on, read messages (except locked messages) are automatically deleted when you exceed the storage limit. (**On**/ **Off**)

7.3 Entry Mode

Allows you to select the default input mode. (**T9Word**/ **Abc**/ **123**)

7.4 Signature

Allows you designate a signature to be automatically sent with your messages. You can create a custom signature line or use your Contact Info. (**On**/ **Off**/ **Edit**)

7.5 Speed Messaging

This feature allows you to speed dial text messages.
For example:

1. Assign the number 2 as a speed dial for one of your contacts.

2. Compose a new text message. When entering the destination address, instead of entering the exact numbers, hold down the number 2 key and the text message will be automatically sent to that contact.

7.6 Auto View

Allows you to directly display the content when receiving a message. (**On**/ **Off**)

7.7 Auto Play

With this feature on, the display automatically scrolls down while viewing messages. (**On**/ **Off**)

7.8 Callback

Allows you to automatically send a designated callback number when you send a message. Allows you to manually enter the number. (**On**/ **Off**/ **Edit**)

7.9 Edit Voicemail

Allows you to manually enter the

access number for Voicemail Service. This feature should only be used when a VMS (Voicemail Service) access number is not provided from the network.

8. Delete All

Allows you to erase all the messages stored in your Inbox, Sent, or Saved message folders. You can also erase all messages at the same time.

1. Press $\boxed{\text{OK}\atop\text{MENU}}$, $\boxed{1}$, $\boxed{8^{\text{tuv}}}$.

   Inbox/ Sent/ Drafts/ All Messages

Alltel Shop

Alltel Shop allows you to do more than just talk on your phone. Alltel Shop is a technology and service that allows you to download and use applications on your phone. With Alltel Shop, it is quick and easy to personalize your phone to suit your lifestyle and tastes. Just download the applications that appeal to you. With a wide range of software available, from ringtones to games to productivity tools, you can be assured that you will find something useful, practical, or down right entertaining.

Downloading Applications

You can download applications and use Alltel Shop anywhere on the 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, and 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.

Access and Options

1. Press ⌷ **Menu**.

2. Press 2abc **Alltel Shop.**

3. Options from here:

1. **Alltel Shop**: To add, delete, or disable Alltel Shop applications.

2. **Alltel Info**: Allows you to decide whether or not your phone displays the Airtime Charges Warning message when you start Alltel Shop.

1. Alltel Shop

Allows you to download selected applications while displaying the Alltel Shop application list relayed from the Alltel Shop server connection.

1. Press ⌷ , 2abc , 1 .

2. Press ⌷ .

3. Select **[Alltel Shop]** Icon and press ⌷ .

Shortcut
Pressing the right arrow key ⟶ will start Alltel Shop.

2. Alltel Info

Allows you to decide whether or not your phone displays the Airtime Charges Warning message when you start Alltel Shop.

1. Press $\boxed{OK}$, $\boxed{2^{abc}}$, $\boxed{2^{abc}}$.

2. Press Left Soft Key $\boxed{}$ Yes.

Managing Your Axcess Apps Applications

Add new applications and remove old ones at any time.

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 Alltel Shop.

2. Select Settings.

3. Use $\boxed{}$ to highlight Manage Apps, then press $\boxed{OK}$.

4. Use $\boxed{}$ to highlight the application to be deleted, then press $\boxed{OK}$.

5. Select Remove.

Organizer

1. Calendar

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

1. Press $\boxed{\text{OK}}$, $\boxed{3\,def}$, $\boxed{1\,\text{▤}}$.

2. Use $\bigcirc$ to highlight the
scheduled day.

$\langle$ Moves cursor to the left.

$\rangle$ Moves cursor to the right.

$\hat{}$ Moves to the previous
week.

$\smile$ Moves to the next week.

3. Press Left Soft Key $\boxed{\text{T}}$ New.

4. Enter your schedule
information including:

● Date ● Time ● Subject
● Reminder ● Repeat
● Ringtones ● Expiration

5. Press $\boxed{\text{OK}}$ Save.

2. Notepad

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

1. Press $\boxed{\text{OK}}$, $\boxed{3\,def}$, $\boxed{2\,abc}$.

2. Press Left Soft Key $\boxed{\text{T}}$ New
to write a new note.

3. Type the note, then press $\boxed{\text{OK}}$.
A confirmation message is
displayed briefly, then your list
of notes is displayed.

Viewing a Notepad Entry

1. Access Notepad and highlight
the entry.

2. To erase, press Right Soft Key
$\boxed{\text{T}}$ Options.

Delete/ Edit/ Delete All

To edit highlight the entry,

Organizer

then press OK **View** and press Left Soft Key **Edit**. Or press Right Soft Key **Options** and 2abc **Edit.**

Voice Service
1. Voice Dialing

Allows you to view the list of numbers programmed with voice dialing or add a voice dial to a number stored in your Contacts.

1. Press OK , 4ghi , 1 .

2. Options from here:

● Press Left Soft Key **New** to record a new voice dial. Follow the phone's prompts.

● Use to highlight a voice dial and press Right Soft Key **Options** to choose one of the following: **Play/ Re-record/ Delete/ Delete All**

Note
Recordings should be made in a normal use position (speaker by your ear and microphone near your mouth) while using a clear voice.

2. Record Voice

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

1. Press ⒪⒦, 4 ghi, 2 abc.

2. Press ⒪⒦ **REC** to record a new voice memo.

3. Talk into the microphone, then press ⒪⒦ **Stop**. The default memo title is Sound001.

4. Press Left Soft Key **Save** or Right Soft Key **Delete**.

Accessing and Listening to the Recorded Voices

1. Press ⒪⒦, 4 ghi, 2 abc.

2. Press Left Soft Key **List**.

3. Scroll to the recorded voice you want to listen to and press ⒪⒦ **Play**.

4. Press Right Soft Key

Options to select an option.
**Delete/ Rename/
(Lock/Unlock)/ Delete All/
Information**

Contacts

Contacts

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 parentheses represents the number of entries you have stored (up to 300).

1. New Contact

Allows you to add a new contact to your Contact List.

Note
Using this submenu, the number is saved as a new Contact. To save the number into an existing Contact, edit the Contact entry.

1. Press $\boxed{\text{OK}}$, $\boxed{5^{jkl}}$, $\boxed{1^{\underline{\bullet}}}$.

2. Enter the name, then press $\boxed{\updownarrow}$.

3. Select the field you want to store the number in.

4. Enter the number.

5. Continue saving the entry as necessary.

6. When you are finished press $\boxed{\text{OK}}$ to save.

2. Contact List

Allows you to view your Contact List.

1. Press $\boxed{\text{OK}}$, $\boxed{5^{jkl}}$, $\boxed{2^{abc}}$.

2. Options from here:

- Press $\boxed{\updownarrow}$ to scroll through your Contacts alphabetically.

- Press Right Soft Key $\boxed{}$ **Options** to select one of the following:

  Send Message/ Edit/ Delete/ Delete All / Set as Speed Dial (Remove Speed Dial)

Side text

Contacts

- Press Left Soft Key 🔲
  New to store new contact
  information.

3. Groups

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

1. Press 🔳 , **5 jkl** , **3 def** .

2. Options from here:

- Use 🔘 to highlight a group
  to view, then press 🔳 . Press
  Left Soft Key 🔲 **Add** to add
  a new member to the group.

- Press Left Soft Key 🔲 **New**
  to create a new group.

- Use 🔘 to highlight a group,
  then press Right Soft Key 🔲
  Options to change the name
  of the group or delete the
  group.

**Delete/ Send Message/
Rename Group/ Set Group
Ringtone/ Delete All**

4. Speed Dials

Allows you to view your Speed
Dials list, designate new Speed
Dials, or remove Speed Dial
designations entered in your
Contacts.

1. Press 🔳 , **5 jkl** , **4 ghi** .

2. Use 🔘 to highlight the
  Speed Dial location (or enter
  the Speed Dial digit), then
  press 🔳 .

3. Use 🔘 to highlight the
  Contact.

4. Use 🔘 to highlight the
  number, then press 🔳 .
  A confirmation message is
  displayed.

5. My Name Card

Allows you to view all of your personal Contact information including name and phone numbers.

1. Press 🔲 , 5 , 5 .

2. Use 💬 to select the feature you want to edit.

3. Press Left Soft Key 📱 **Edit** to edit the information.

4. Edit the information as necessary and press 🔲 .

Note
You cannot edit your Mobile 1 number, but you can add additional phone numbers.

Recent Calls

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 TALK Key 📞 from standby mode.

1. Missed Calls

Allows you to view the list of missed calls; up to 40 entries.

1. Press 🔲 , 6mno , 1 .

2. Use 💬 to highlight an entry.

● Press 🔲 to view the entry.

- Press the TALK Key 🔘 to call the number

- Press Left Soft Key 🔘 **Message** to send message.

- Press Right Soft Key 🔘 **Options**.
  For a number that is already stored in Contacts: **Delete/ Call/ Contact Details/ Delete All/ View Timer**
  For a number not saved in contacts: **Save Contact/ Delete/ Call/ Delete All/ View Timer**

2. Received Calls

Allows you to view the list of incoming calls; up to 40 entries.

1. Press 🔘 , **6**mno , **2**abc .

2. Use 🔘 to highlight an entry.

- Press 🔘 to view the entry.

- Press the TALK Key 🔘 to call the number

- Press Left Soft Key 🔘 **Message** to send message.

- Press Right Soft Key 🔘 **Options**.
  For a number that is already stored in Contacts: **Delete/ Call/ Contact Details/ Delete All/ View Timer**
  For a number not saved in contacts: **Save Contact/ Delete/ Call/ Delete All/ View Timer**

3. Dialed Calls

Allows you to view the list of outgoing calls; up to 40 entries.

1. Press 🔘 , **6**mno , **3**def .

2. Use 🔘 to highlight an entry.

- Press 🔘 to view the entry.

Recent Calls

- Press TALK Key [TALK] to place a call to the number.

- Press the Left Soft Key [ ] to send a message to the number.

- Press Right Soft Key [ ] **Options**.
  For a number that is already stored in Contacts: **Delete/ Call/ Contact Details/ Delete All/ View Timer**
  For a number not saved in contacts: **Save Contact/ Delete/ Call/ Delete All/ View Timer**

- Press [OK/MENU] to view the entry.

- Press the TALK Key [TALK] to call the number.

- Press Left Soft Key [ ] **Message** to send message.

- Press Right Soft Key [ ] **Options**.
  For a number that is already stored in Contacts: **Delete/ Call/ Contact Details/ Delete All/ View Timer**
  For a number not saved in contacts: **Save Contact/ Delete/ Call/ Delete All/ View Timer**

4. All Calls

Allows you to view the list of all calls.

1. Press [OK/MENU], **6mno**, **4ghi**.

2. The history of all calls is displayed.

5. Call Timer

Allows you to view the duration of selected calls.

1. Press [OK/MENU], **6mno**, **5jkl**.

2. Use [ ] to highlight a call list.

Last Call/ Home Calls/ Roam Calls/ All Calls

3. Press Left Soft Key **Reset** to reset **Home Calls** or **Roam Calls**.

6. Data

Allows you to view the history of data connections.

1. Press , , .
2. Use to highlight an entry.

7. Data Counter

Allows you to check the list of Transmitted, Received and Total data count.

1. Press , , .

2. Use to highlight a data call list.

   Transmitted/ Received/ Total

My Media

This menu allows you to use a wide variety of images, and audios.

1. Images

Allows you to select images to customize your phone's main screen, font screen or picture ID.

1. Press , , .

2. Use to highlight **Default or Downloaded** then press .

3. Use to highlight the image you want to display.

● Press to view the image.

● Press Right Soft Key **Options**.
   Set As Wallpaper/
   Set as Picture ID/ Icon View/
   Information

My Media

43

My Media

2. Audio

Allows you to choose audio clips.

1. Press $\boxed{\text{OK}}$, $\boxed{7_{pqrs}}$, $\boxed{2_{abc}}$.
2. Press Left Soft Key $\boxed{}$ **Voice** to record an audio clip.

● Press Left Soft Key $\boxed{}$ **List** to access my audio list.

● Press $\boxed{\text{OK}}$ **REC** to begin recording.
The following options are available while viewing the list of recordings.

● Press $\boxed{\text{OK}}$ Play to play the audio.

● Press Right Soft Key $\boxed{}$ **Options.**
Delete/ Rename/
Lock(Unlock)/ Delete All/
Information

3. Shuffle

Allows you to customize your phone's ringtone shuffle lists.

1. Press $\boxed{\text{OK}}$, $\boxed{7_{pqrs}}$, $\boxed{3_{def}}$.
2. Press Left Soft Key $\boxed{}$ **Add** to add new ringtones.
3. Use $\boxed{\updownarrow}$ to highlight the desired ringtones and press $\boxed{\text{OK}}$ to select them.
4. Press Left Soft Key $\boxed{}$ **Done** when you are finished selecting the ringtones.

Tools

Your phone tools include My Menu, Alarm Clock, Ez Tip Calc, Calculator, World Clock, Stopwatch and Unit Converter. Make use of your phone as a multi-purpose device for your convenience.

1. My Menu

Lets you access your favorite menus quickly by customizing My Menu. A maximum of 12 items can be stored in My Menu.

1. Press ⌗, 8 tuv, 1.

2. Select the menu of your choice by using ⇕, then press ⌗.

3. Select the menu to add to My Menu with ⬦, then press ⌗.

2. Alarm Clock

Allows you to set alarms. The current time is displayed at the top of the screen when you select an alarm to set. At the alarm time, the alarm will be displayed on the LCD screen and the alarm will sound.

1. Press ⌗, 8 tuv, 2 abc.

2. Press Left Soft Key 🖝 **New**.

3. Use ⬦ select a time.
   Off/ Manual/ 10 minutes later/ 20 minutes later/ 30 minutes later/ 1 hour later

4. Press ⬦ to select recurring setting (only for Manual option).
   Once/ Daily/ Mon~Fri/ Sat~Sun

5. Use ⇕ to highlight **Alarm tone**, press Left Soft Key 🖝 **Set** and select a ringtone.

6. Press Left Soft Key 🖝 **Select** to set the ringtone.

Tools

7. Use 🔄 to highlight **Note**, press Left Soft Key 🔘 **Abc** to select text input mode, enter note and press 🔲 **Save**.

3. Ez Tip Calc

Allows you to quickly and easily estimate the tip and total amount of a bill by inputting the bill amount before tip, the tip percentage, and divide it by the number of people paying.

1. Press 🔲, **8 tuv**, **3 def**.

4. Calculator

Allows you to perform simple mathematical calculations. You can enter numbers up to the sixth decimal place.

1. Press 🔲, **8 tuv**, **4 ghi**.

2. Enter data.

   ● Use keypad to enter numbers.

   ● Use 🔳 to enter decimals.

   ● Press Left Soft Key 🔘 **[AC]** to clear the entry.

   ● Press Right Soft Key 🔲 **[Funct.]** to enter additional functions.

   ● Use Navigation Keys to enter functions.

   ● Press 🔲 to complete equation.

5. World Clock

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

1. Press 🔲, **8 tuv**, **5 jkl**.

2. Press Right Soft Key 🔲 **Cities** to select a specific city and display the date/time in that location.

3. Use 🔄 to scroll through the available cities on the map.

4. Press Left Soft Key 🔘 **Set DST**(Daylight Savings Time).

6. Stopwatch

Stopwatch is available just as common stopwatches we see and use in daily life.

1. Press $\underset{\text{MENU}}{\boxed{\text{OK}}}$, $\boxed{8\text{ tuv}}$, $\boxed{6^{\text{mno}}}$.

2. Press $\underset{\text{MENU}}{\boxed{\text{OK}}}$ **Start** to start, and press $\underset{\text{MENU}}{\boxed{\text{OK}}}$ **Stop** to stop.

   ● You can use the Lap function using Left Soft Key $\boxed{\ulcorner}$ **Lap**. You can record up to 20 lap times.

3. Press Left Soft Key $\boxed{\ulcorner}$ **Reset** to reset.

7. Unit Converter

Unit Converter provides various conversion units like Length, Area, Mass, Volume and Temperature.

1. Press $\underset{\text{MENU}}{\boxed{\text{OK}}}$, $\boxed{8\text{ tuv}}$, $\boxed{7\text{ pqrs}}$.

Settings

The Settings Menu has options to customize your phone.

1. Sound

Options to customize the phone's sounds.

1.1 Ringers

Allows you to assign ringtones for incoming calls.

1. Press $\underset{\text{MENU}}{\boxed{\text{OK}}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{1\text{ \textcircled{\tiny A}}}$, $\boxed{1\text{ \textcircled{\tiny A}}}$.

2. Select **All Calls/ Caller ID/ No Caller ID/ Restricted Calls/ Shuffle/ Buy Ringtones**.

3. Pressing $\underset{\text{MENU}}{\boxed{\text{OK}}}$ plays the highlighted ringtone. Pressing Left Soft Key $\boxed{\ulcorner}$ selects the highlighted ringtone.

Settings

1.2 Volume

Allows you to set various volume settings.

1. Press [OK], [9wxyz], [1⬛], [2abc].

2. Select **Master Volume/ Key Tone Volume/ Earpiece Volume/ Speaker Volume**.

3. Use ⬍ to adjust the volume of the ringer, then press [OK] to save the setting.

1.3 Message Alerts

Allows you to select the alert tones for new messages.

1. Press [OK], [9wxyz], [1⬛], [3def].

2. Select **Text Message/ Voicemail/ All Messages/ Message Reminder**.

3. For **Text Message**, **Voicemail**, or **All Messages**, press [OK] to play the ringtone, and Left

Soft Key 🖆 **Select** to select it. Use ⬍ to select a setting, then press [OK] for **Message Reminder**.

1.4 Alert Type

Allows you to select the alert types.

1. Press [OK], [9wxyz], [1⬛], [4ghi].

2. Highlight a tone style. **Call Alert/ Message Alert/ Schedule Alert/ Alarm Alert**

3. Use ◁▷ to scroll through the alert types. **Ring Only/ Vibrate Only/ Ring & Vib**

4. Press [OK] to save.

1.5 Service Alerts

Allows you to set any of the 4 Alert options to On or Off.

1. Press [OK], [9wxyz], [1⬛], [5jkl].

Settings

2. Select an alert option.

1.5.1 Minute Beep

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

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{1^{\text{⌂}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{1^{\text{⌂}}}$.
2. Use $\boxed{\updownarrow}$ to set **On**/ **Off**, then press $\boxed{\text{OK}}$.

1.5.2 Call Connect

Alerts you when the call is connected.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{1^{\text{⌂}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{2^{\text{abc}}}$.
2. Use $\boxed{\updownarrow}$ to set **On**/ **Off**, then press $\boxed{\text{OK}}$.

1.5.3 Back to Top

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

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{1^{\text{⌂}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{3^{\text{def}}}$.
2. Use $\boxed{\updownarrow}$ to set **On**/ **Off**, then press $\boxed{\text{OK}}$.

1.6 Power On/Off Tones

Allows you to set the phone to sound a tone when the phone is powered on and off.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{1^{\text{⌂}}}$, $\boxed{6^{\text{mno}}}$.
2. Use $\boxed{\updownarrow}$ to set to **On**/ **Off**, then press $\boxed{\text{OK}}$.

1.7 Flip Tone

Allows you to select the Flip Tone type.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{1^{\text{⌂}}}$, $\boxed{7^{\text{pqrs}}}$.
2. Use $\boxed{\updownarrow}$ to set to **On**/ **Off**, then press $\boxed{\text{OK}}$.

2. Display

Options to customize the phone's display screen.

Settings

2.1 Wallpaper

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

1. Press [OK MENU] , [9 wxyz] , [2 abc] , [1 🔊] .

2. Select **Main Screen** or **Buy Wallpaper**, then press [OK MENU] .

2.1.1 Main Screen

1. Press [OK MENU] , [9 wxyz] , [2 abc] , [1 🔊] , [1 🔊] .

2. Select either **Default** or **Downloaded**.

3. Use [↕] and highlight an image.

4. Press [OK MENU] to view the image.

5. Press Left Soft Key [◲] **Set** to set it as the wallpaper.

2.1.2 Buy Wallpaper

1. Press [OK MENU] , [9 wxyz] , [2 abc] , [1 🔊] ,

[2 abc] .

2. Purchase wallpapers for your phone.

2.2 Banner

Allows you to enter a string of up to 12 characters which display on the LCD screen.

1. Press [OK MENU] , [9 wxyz] , [2 abc] , [2 abc] .

2. Use [◂▸] to select **On**.

3. Use [▾] and enter your banner text, then press [OK MENU] .

2.3 Backlight

Allows you to set the duration of the backlight.

1. Press [OK MENU] , [9 wxyz] , [2 abc] , [3 def] .

2. Choose a submenu, then press [OK MENU] .
Main Screen/ **Keypad**

2.4 Menu Style

Allows you to view the Menu as an Icon or List display.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{2^{\text{abc}}}$, $\boxed{4_{\text{ghi}}}$.

2. Select **Icon** or **List** and press $\boxed{\text{OK}}$.

2.5 Languages

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

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{2^{\text{abc}}}$, $\boxed{5_{\text{jkl}}}$.

2. Use $\boxed{\updownarrow}$ to select **English** or **Spanish**, then press $\boxed{\text{OK}}$.

2.6 Clocks & Calendar

Allows you to select the type of clocks displayed on the main LCD.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{2^{\text{abc}}}$, $\boxed{6^{\text{mno}}}$.

2. Use $\boxed{\updownarrow}$ to set desired clock

display.

3. To view the selected display in detail, press $\boxed{\text{OK}}$ **View**.

4. Press Left Soft Key $\boxed{\cdot \mathcal{T}}$ **Select**.

2.7 Dialing Fonts

Allows you to set the size of the font for calling digits.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{2^{\text{abc}}}$, $\boxed{7_{\text{pqrs}}}$.

2. Use $\boxed{\updownarrow}$ to select **Normal**/ **Large**, then press $\boxed{\text{OK}}$.

2.8 Color Schemes

Allows you to choose the color of the background screen.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{2^{\text{abc}}}$, $\boxed{8_{\text{tuv}}}$.

2. Select **Default**/ **Tropical**/ **Business**, then press $\boxed{\text{OK}}$.

Settings

51

Settings

3. Security

The Security menu allows you to secure the phone electronically.

3.1 Lock Phone

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

You can modify the lock code by selecting Change Lock Code within the Security menu.

1. Press $\boxed{\text{OK}}$, $\boxed{\text{9}^{\text{wxyz}}}$, $\boxed{\text{3}^{\text{def}}}$.

2. Enter the four-digit lock code. The default lock code is commonly the last 4 digits of your phone number.

3. Press $\boxed{\text{1}}$ **Lock Phone**.

4. Use $\boxed{\updownarrow}$ to select an option,

then press $\boxed{\text{OK}}$.

Unlock The phone is never locked (Lock mode can still be used).

Lock The phone is always locked. When locked, you can receive incoming calls and make only emergency calls.

On Power Up The phone is locked when it is turned on.

3.2 Restrictions

Allows you to restrict incoming and/or outgoing calls.

1. Press $\boxed{\text{OK}}$, $\boxed{\text{9}^{\text{wxyz}}}$, $\boxed{\text{3}^{\text{def}}}$.

2. Enter the four-digit lock code.

3. Press $\boxed{\text{2}^{\text{abc}}}$ **Restrictions**.

4. Use $\boxed{\updownarrow}$ to select **Calls/ Messaging/ Data** then press $\boxed{\text{OK}}$.

5. For Calls and Messaging, $\boxed{\updownarrow}$ to select **Outgoing Only/ Incoming Only/ All/ None**,

then press $\boxed{\text{OK}_{\text{MENU}}}$.
The options for Data are
Unlock/ Lock.

3.3 Emergency #s

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 $\boxed{\text{OK}_{\text{MENU}}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{3^{\text{def}}}$.

2. Enter the four-digit lock code.

3. Press $\boxed{3^{\text{def}}}$ **Emergency #s**.

4. Press $\boxed{\text{OK}_{\text{MENU}}}$ to edit the emergency numbers.

3.4 Change Lock Code

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

1. Press $\boxed{\text{OK}_{\text{MENU}}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{3^{\text{def}}}$.

2. Enter the four-digit lock code.

3. Press $\boxed{4^{\text{ghi}}}$ **Change Lock**

Code.

4. Use $\boxed{\updownarrow}$ to select **Phone Only/ Call & Applications** then press $\boxed{\text{OK}_{\text{MENU}}}$.

5. Enter a new 4-digit lock code.

6. For confirmation, it will ask you to enter the new lock code again.

3.5 Reset Default

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

1. Press $\boxed{\text{OK}_{\text{MENU}}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{3^{\text{def}}}$.

2. Enter the four-digit lock code.

3. Press $\boxed{5^{\text{jkl}}}$ **Reset Default**.

4. Select **Memory/ Default**.
   Memory : Handset Contents / Handset Personal Info
   Default: A disclaimer will appear. Press OK to continue. Select Revert/ Cancel and press $\boxed{\text{OK}_{\text{MENU}}}$.

Settings

4. Call Settings

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

4.1 Answer Options

Allows you to determine how to handle an incoming call.

1. Press 🆗 , 9ʷˣʸᶻ , 4 ghi , 1 .

2. Use 🔘 to select a setting, then press 🆗 .

   Flip Open/ Any Key/ Send Key Only/ Auto Answer

4.2 Auto Retry

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

1. Press 🆗 , 9ʷˣʸᶻ , 4 ghi , 2 abc .

2. Use 🔘 to select a setting,

then press 🆗 .
Off/ Every 10 Seconds/ Every 30 Seconds/ Every 60 Seconds

4.3 One-Touch Dial

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

1. Press 🆗 , 9ʷˣʸᶻ , 4 ghi , 3 def .

2. Use 🔘 to select a setting, then press 🆗 .
   On/ Off

4.4 Voice Privacy

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 $\boxed{\text{OK}}$, $\boxed{9^{wxyz}}$, $\boxed{4_{ghi}}$, $\boxed{4_{ghi}}$.

2. Use $\boxed{\updownarrow}$ to select a setting, then press $\boxed{\text{OK}}$.
   Enhanced/ **Standard**

4.5 Airplane Mode

Allows you to use the menu functions when radio transmission is restricted. Activating this mode will disable all wireless communications as noted in the disclaimer on the phone.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{wxyz}}$, $\boxed{4_{ghi}}$, $\boxed{5_{jkl}}$.

2. Read the disclaimer and press $\boxed{\text{OK}}$ to continue.

3. Use $\boxed{\updownarrow}$ to select a setting, then press $\boxed{\text{OK}}$.
   On/ **Off**

4.6 TTY Mode

Allows you to attach a TTY (Teletype writer) 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 $\boxed{\text{OK}}$, $\boxed{9^{wxyz}}$, $\boxed{4_{ghi}}$, $\boxed{6^{mno}}$.

2. Read the disclaimer and press $\boxed{\text{OK}}$ to continue.

3. Use $\boxed{\updownarrow}$ to select a setting, then press $\boxed{\text{OK}}$.
   TTY Full/ **TTY + Talk**/ **TTY + Hear**/ **TTY Off**

5. System

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

5.1 Network

5.1.1 System Select

Settings

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 $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{1}$, $\boxed{1}$.

2. Use $\boxed{\updownarrow}$ to select **Home Only/ Automatic A/ Automatic B**, then press $\boxed{\text{OK}}$.

5.1.2 Set NAM

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

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{1}$, $\boxed{2^{\text{abc}}}$.

2. Use $\boxed{\updownarrow}$ to select **NAM1/**

NAM2, then press $\boxed{\text{OK}}$.

5.1.3 Auto NAM

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

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{1}$, $\boxed{3^{\text{def}}}$.

2. Use $\boxed{\updownarrow}$ to select **On/ Off**, then press $\boxed{\text{OK}}$.

5.1.4 Serving System

Identifies the channel number of a system that is served as a SID Number. This information should only be used for technical support.

1. Press $\boxed{\text{OK}}$, $\boxed{9^{\text{wxyz}}}$, $\boxed{5^{\text{jkl}}}$, $\boxed{1}$, $\boxed{4^{\text{ghi}}}$.

5.2 Location

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

1. Press $\boxed{\text{OK}}$, 9^{wxyz}, 5^{jkl}, 2^{abc}.

2. Use $\boxed{\updownarrow}$ to select a setting, then press $\boxed{\text{OK}}$.

   Location On/ E911 Only

6. Voice Service

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.

6.1 Set Voice Dialing

Allows you to set how you activate voice recognition.

1. Press $\boxed{\text{OK}}$, 9^{wxyz}, 6^{mno}, 1.

2. Use $\boxed{\updownarrow}$ to select a setting,

then press $\boxed{\text{OK}}$.

- **Disable** Deactivates the voice recognition.
- **Flip Open** Activates voice recognition whenever you open the flip.

6.2 Train Words

Train Words 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 and one-time session.

1. Press $\boxed{\text{OK}}$, 9^{wxyz}, 6^{mno}, 2^{abc}.

2. Select a sub-menu, then press $\boxed{\text{OK}}$.

   - **Yes/ No**

3. Use $\boxed{\updownarrow}$ to select a setting, then press $\boxed{\text{OK}}$.

   - **Train/ Un-train**

Settings

7. Memory

Allows you to check out the memory information on your phone.

7.1 Common Memory

1. Press ⌗[OK MENU] , 9[wxyz] , 7[pqrs] , 1[≣] .

7.2 Reserved Memory

1. Press ⌗[OK MENU] , 9[wxyz] , 7[pqrs] , 2[abc] .

8. Phone Info

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

8.1 My Number

1. Press ⌗[OK MENU] , 9[wxyz] , 8[tuv] , 1[≣] .

8.2 ESN/MEID

1. Press ⌗[OK MENU] , 9[wxyz] , 8[tuv] , 2[abc] .

8.3 Icon Glossary

1. Press ⌗[OK MENU] , 9[wxyz] , 8[tuv] , 3[def] .

8.4 Version

1. Press ⌗[OK MENU] , 9[wxyz] , 8[tuv] , 4[ghi] .

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 ON, it receives and 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

Safety

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:

Don't 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 require it.

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.

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).

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

Safety

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);

Safety

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 Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage.

Also, keep the user guide in an accessible place at all times after reading it.

Caution! *Violation of the instructions may cause minor or serious damage to the product.*

Charger and Adapter Safety

● The charger and adapter are intended for indoor use only.

● Insert the battery pack charger vertically into the wall power socket.

● Use the correct adapter for your phone when using the battery pack charger abroad.

● Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.

Safety

Battery Information and Care

● Please dispose of your battery properly or take it to your local wireless carrier for recycling.

● The battery doesn't need to be empty 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, Browser, and data connectivity kits affect battery life and talk/standby times.

● The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.

Explosion, Shock, and Fire Hazards

● 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's dirty.

- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat 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.

- Don't 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.

- Do not disassemble or crush the battery. It may cause a fire.

General Notice

- 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.

- 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.

Safety

Safety

- 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 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.

- Do not paint your phone.

- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.

- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.

- Do not turn your phone on or off when putting it to your ear.

- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Safety

Warning! Important safety information

Avoiding hearing damage

Permanent hearing loss may occur if you use your phone and/or headset at a high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

● Limit the amount of time you use your phone and/or headset at high volume.

● Avoid turning up the volume to block out noisy surroundings.

● Turn the volume down if you can't hear people speaking near you.

For information about how to set a maximum volume limit on your phone, see the features guide for your phone.

Using your phone safely

Use of your phone while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using your phone if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

Safety

Avoiding hearing damage

Permanent hearing loss may occur if you use your headset at a high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

● Limit the amount of time you use headset at high volume.

● Avoid turning up the volume to block out noisy surroundings.

● Turn the volume down if you can't hear people speaking near you.

For information about how to set a maximum volume limit on your handset, please refer to the features guide for your handset.

Using headsets safely

Use of headsets to listen to music while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using this device if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

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 Radio Frequency (RF) energy in the microwave range while being used. They also emit very low levels of RF when in 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 Radio Frequency (RF)

energy 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.

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 Radio Frequency (RF) energy 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 Radio Frequency (RF) energy 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 do not 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 ten 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

Safety

73

around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic 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 (RF) energy 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 phones 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 (RF) energy 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

Safety

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 (RF) energy. Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off

dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, 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 (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic 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/cellphones/)

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.hpa.org.uk/radiation/)

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

Safety

Safety

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. 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. Don't 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. Do not 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

Safety

80

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

Safety

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.

The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

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.

Safety

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 1.26 W/kg and when worn on the body, as described in this user guide, is 0.368W/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 BEJLAX155. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

* 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.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

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

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

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

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

M-Ratings: Phones rated M3 or

M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.
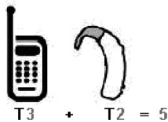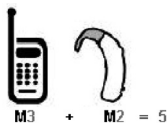
In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be

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

For information about hearing aids and digital wireless phones

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

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

Hearing Loss Association of America [HLAA]
http://www.hearingloss.org/learn/cellphonetech.asp

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

Safety

Accessories

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

Battery Charger

The battery charger allows you to charge your phone.

Battery

Standard battery is available.

USB Cable

You can use your computer to charge your phone. Connect one end of a USB cable(sold separately) to the charging accessory port on your phone and the other end to a highpower USB port on your PC(commonly located on the front panel of the computer).

Limited Warranty Statement

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 product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.

(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) This 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 Canada.

(4) The external housing and cosmetic parts shall be free of 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 to reasonably prove the date of purchase.

(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 damages resulting from use of the product in other than its normal and customary manner.

(2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of

LG, including damage caused by shipping, blown fuses, spills of food or liquid.

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

(4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product 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 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. WHAT LG WILL DO:

LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent re-conditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information.

4. STATE LAW RIGHTS:

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE,

Limited Warranty Statement

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 APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusive 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.

5. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call or fax to the following telephone numbers from anywhere in the continental United States:

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

Or visit http://us.lgservice.com. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets

P.O. Box 240007, Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

92

Index

Index