# **6. Operating Manual**

LG-RD8000 User Guide

**CDMA PHONE** 

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# Chapter 1. Getting Started

## **Cautions**

- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference.
- Keep your phone in a safe place when not in use.
- Only use the batteries, antennas, and chargers provided by LG. Using the wrong accessories could void your warranty.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold the antenna while the phone is in use.
- Do not use the phone in designated "no cellular phone use" areas.
- Do not expose the phone to high temperature or humidity.
- Avoid getting your phone wet. If the phone gets wet, turn the power off immediately and remove the battery pack. If the phone is mal-functional, return it to the dealer for service.
- Avoid shock or impact on the phone.

### **Phone Overview**

Function	Key Descriptions
Lamp	The light goes on when you use the power key to turn on the phone and when there are incoming calls and messages.
LCD screen	Displays messages & indicator icons.
END/PWR	Used to turn power on/off. This key disconnects a call. Using this key, you can also exit out of a menu back to the phone's standby display without changing the setting.
SEND	Allows user to place or answer calls.
Mouse Key	This mouse key allows quick access to text and voice mail notification messages. Profiles, R-World, and RingTone menu.  And these keys are used to scroll through the memory locations and menu items.
Alphanumeric Keypad	These keys enable you to enter numbers and characters and choose menu items.
Soft Keys	The current operation of a soft key is defined by the word at the bottom of the display.  Soft Keys 2:  If you press this key once in a menu, you can go back one level and if you press and hold the key in a menu, you can go back to the standby display.
OK Key	This key enables you to choose one item in the menu list.  If you press this key in idle, mobile will show you the 'My menu' selection window.
Star/Pound Key	<ul> <li>In the standby status, set the manner mode by pressing the [*] button. (for 2 seconds)</li> <li>In the standby status, set the lock function by pressing the [#] button. (for 2 seconds)</li> </ul>
Clear Key	This key enables you to move previous menu or delete on a character in editor

#### On screen Icons

The phone screen displays several onscreen icons and onscreen icons appears when the phone is power on.

Icons	Descriptions
Yulll	Displays the strength of the signal received by the phone and current signal strength is indicated as the number of bars displayed on the screen.
X	No service The phone is not receiving a system signal.
,	In use A call is in progress. No icon indicates the phone is in standby mode.
<b>,</b> □	Indicates that a text message or voice mail has been received
(T//A)	Charge level Indicates battery charge level.

# Chapter 2. Basic Functions

# **Turning the Phone On and Off**

### **Turning the Phone On**

- 1. Install a charged battery pack or connect the phone to an external power source such as the cigarette lighter adapter or car kit.
- 2. Press [END/PWR] for a few seconds until the red light on the top of the phone flashes.
  - Fully extend the antenna for the best performance.

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

#### **Turning the Phone Off**

- 1. Press and hold until display screen will be turned off, and then release the key.
- 2. Protect the antenna by pushing it back into the phone, if extended.

#### Making a Call

When you make a call, follow these simple steps:

- 1. Make sure the phone is turned on.
  - If not, press [END/PWR].
- 2. Enter the phone number with area code, if needed.
- 3. Press [SEND].
  - If the phone is locked, enter the lock code.

- "Call Failed" indicates that the call did not go through.
- 4. Press [END/PWR] to disconnect the call.

## **Correcting Dialing Mistakes**

If you make mistakes in dialing a number, press [CLR] key once to erase the last entered digit or hold down [CLR] for at least two second to delete all digits, or simply press soft key 2 [BACK] to exit dialing state.

## **Receiving Calls**

- 1. When the phone rings, open cellcase or If cellcase is open, press any key (except [END/PWR], [♠][♥], [♠((]) to answer.
  - If you press the key [END/PWR], Side Keys ([()](]) once when you receive a call, you can hold the present call and ring sound or vibration stops. If you press the [END/PWR] key, Side Keys ([()](]) twice, the present call is terminated.
- 2. Press [END/PWR] to disconnect the call.

In call waiting mode, the present call is on hold as you answer another incoming call.

This service is provided by your service provider.

When the call waiting function is activated, your phone will beep to let you know if you have an incoming call. Your phone may also display the incoming caller's identification.

#### Dialing a call from Phone Book

You can place a call from any memory location either by speed dialing or by pressing [SEND] while looking up the memory location.

**One-Touch Dialing**: One-touch dialing is a convenient feature which enables you to dial frequently used numbers in your speed-dial data by pressing a key.

- Entry 9 is designated to Emergency Call.
- For locations 1 to 8, you can use one-touch dialing (if enabled, see "One-Touch" on page 9.) by pressing and holding down the key corresponding to the memory location.

OR

Press digit, then press [SEND].

**Two-Touch Dialing** (Speed Dialing): This dialing feature enables you to dial numbers in your phone book through two keys (for locations 10 to 99).

- 1) Press the first digit.
- 2) Press and hold the key of the second digit.

OR

1) Press the first and second digits, then press [SEND].

#### **Dialing from a Memory List**

- 1) From a memory list, press the scroll keys to go to the memory location you want.
- 2) Press [SEND].

#### Dialing from a Memory Location.

On viewing and checking the memory location to call, press [SEND].

# Chapter 3. Menu Features

## **General Guidelines to MENU Access and Settings**

- 1. Press Soft Key 1 [Menu]. The animation of menu category will appear on the display screen.
- 2. Press Soft key 1 [Ok]. The menu items will appear on the display screen.
- 3. Press[♦] to go through the list of menu features, or use the side keys.
- 4. Press the corresponding number to the menu item that you want to select. Then the sub-menu list will appear on the screen.
- 5. Press the appropriate key to select the sub-menu you want to access.
- 6. Select preferred settings, using the [♣] keys. Press Soft Key 2 [Back] to go one step backward while accessing menu or selecting settings.
- 7. Press Soft Key 1 [Ok] to save the settings or Soft Key 2 [Back] to cancel without saving.

## Messages ([Menu]+[1])

see "Message Feature" on page 12.

## Contacts ([Menu]+[2])

see "Book Feature" on page 10.

## Call Manager ([Menu]+[3])

Allows you to view the 30 most recently dialed phone numbers. Once you exceed the 30-number storage limit, the oldest call history record is overwritten. These calls are divided into 4 types of calls

## **Call History**([Menu]+[3] +[1])

#### Dialled Calls ([Menu]+[3]+ [1+ [1]])

Allows you to view list of all outgoing calls you made and you may place a call by pressing the [Send].

#### Received Calls([Menu]+[3]+ [1] + [2])

Allows you to view list of all incoming calls and you may place a call by pressing [Send].

#### Missed Calls([Menu]+[3]+[1]+[3])

Allows you to view list of all incoming calls and you may place a call by pressing [Send].

### Numeric Memos ([Menu]+[3]+ [1] + [4])

Allows you to view memo saved in use meno

#### **Entire History ([Menu]+[3]+ [1] + [5])**

Allows you to view list of all calls

### **Delete History ([Menu]+[3]+ [1] + [6])**

Allows you to erase call infomations(missed, received, dialed, data calls)

## Call Duration ([Menu]+[3]+ [2])

- 1. All calls Displays the time of all calls made
- 2. Dialed call Displays the time of dialed call made
- 3. Sent message Display the number of sent messages

## Call Forward ([Menu]+[3]+ [3])

LCD will display follow sub menu list

- 1 All Voice Calls : Enable / Disable
- 2 If Busy: Enable / Disable
- 3 If Not Answered. Enable / Disable
- 4 Busy/Not Answered: Enable / Disable

## **Call Waiting** ([Menu]+[3]+ [4])

Set Call Waiting options Enable / Disable

## Call Reject ([Menu]+[3]+ [5])

LCD will display follow sub menu list

- 1 Rejected numbers
- 2.Rejected groups

#### Call Settings ([Menu]+[3]+ [6])

### 1. Answer mode ( [Menu]+[3]+[6]+[1] )

If Incomming call, enabled to call pressing any key or slide open or press send key.

## 2. Call Connect Alert ( [Menu]+[3]+[6]+[2] )

When this menu selected option ON and some times later phone connected call, that time phone beep the alert sound.

## 3. Out of service tone ( [Menu]+[3]+[6]+[3] )

Enable/disable

### 4. 1 minute alert tone ( [Menu]+[3]+[6]+[4] )

Enable/disable

Every one minute there is beep sound during a call

## 5. Voice privacy ( [Menu]+[3]+[6]+[5] )

Set the voice privacy feature for CDMA calls as "Standard" or "Enhanced": CDMA offers inherent voice privacy. Check with your service provider for availability of the enhanced voice privacy mode

## My stuff ([Menu]+[4])

Allows to save user data or downloaded data and also show the default images and ringtones.

## . R World ( [Menu]+[5])

R-Menu ( [Menu]+[5]+[1] )
Movies N music( [Menu]+[5]+[2] )
Play N shop ( [Menu]+[5]+[3] )
Dial 1234( [Menu]+[5]+[4] )
Reset R-World ( [Menu]+[5]+[5] )
UIM toolkit ( [Menu]+[5]+[6] )

## Multimedia ([Menu]+[6])

There are some multimedia utils

Camera ( [Menu]+[6]+[1] )

MP3 ( [Menu]+[6]+[2] )

Voice recorder ( [Menu]+[6]+[3] )

Game( [Menu]+[6]+[4] )

## Organizer ([Menu]+[7])

There are Organizer utils.

Scheduler ( [Menu]+[7]+[1] )
To Do ( [Menu]+[7]+[2] )
Anniversary ( [Menu]+[7]+[3] )
Memo ( [Menu]+[7]+[4] )
Date counter ( [Menu]+[7]+[5] )
D-day finder ( [Menu]+[7]+[6] )

# Settings ([Menu]+[8])

## **Sound** ([Menu]+[8] +[1]))

Allows you to set vibration, volume and alert types refer to sound.

Tones ([Menu]+[8]+ [1] + [1]))

Select the ringtones

Effect Tones ([Menu]+[8]+ [1] + [2]))

Select the Effect tones (key, slide, shutter, message.)

## Alerts ([Menu]+[8]+ [1] + [3]))

Select the alert tone (call, msg alert..)

## Volume ([Menu]+[8]+ [1] + [4]))

Select the tone's volume (ringtone, keytone, slide tone, shutter tone, earpiece, alarm window,

Menu sound effect, power on/off, game, voice guide )

## DTMF ([Menu]+[8]+ [1] + [5]))

Select Shot Keytone, Long keytone

**Display** ( [Menu]+ [8] + [2] )

## 1. Main screen ([Menu]+[8]+[2]+[1])

You can set up the screen displayed on the LCD screen in the standby mode.

## 2. Clock ( [Menu]+[8]+[2]+[2] )

You can determine that clock display or not in standby and time, date type if clock display.

#### 3 Banner ( [Menu]+[8]+[2]+[3] )

You can input the bannaer on the LCD screen

#### 4. Menu Style ( [Menu]+[8]+[2]+[4] )

Grid: LCD will display animation menu and you can select menu with [ • ] key.

Arch: LCD will display listed menu and you can select menu with [♠] [♥] or [♠] key.

### 5. Dialing font ([Menu]+[8]+[2]+[5])

You can change the dialing font's color size and font style.

## 6. Backlight ( [Menu]+[8]+[2]+[6])

Allows you to select how long or when the display screen and keypad are backlit. The backlight is turned off 10 seconds/20 seconds/30 seconds/1min after the last key is pushed.

## Power save ([Menu] + [8] + [3])

Eable/ disable

You can save power using this option.

## Security ( [Menu]+ [8]+[4] )

1. PIN code request ( [Menu]+[8]+[4]+[1] )

## 2. Change PIN code ( [Menu]+[8]+[4]+[2] )

To enter 3 emergency numbers ([Edit]  $\rightarrow$  enter  $\rightarrow$  number  $\rightarrow$  [Save]  $\rightarrow$  [ $\diamondsuit$ ]  $\rightarrow$  ). You can call these numbers and 911 even when the phone is locked or restricted.

## 3. Lock Phone ( [Menu]+[8]+[4]+[3] )

Helps you to protect your phone from unauthorized use and once the phone is locked, the phone is restricted from making calls until the lock code is entered.

However you can still receive phone calls and make emergency calls while your phone is locked. "Never" means that the phone is never locked (Lock mode can be used). When locked, you can only make emergency calls or receive incoming calls. "On power up" means that locked the phone when the phone is turned on. "Always" means that the phone is always locked.

- 4. Keypad Lock ( [Menu]+[8]+[4]+[4] )
- 5. Lock outgoing ( [Menu]+[8]+[4]+[5] )
- 6. Lock R-World( [Menu]+[8]+[4]+[6] )
- 7. Lock contacts ( [Menu]+[8]+[4]+[7] )
- 8. Lock Message( [Menu]+[8]+[4]+[8] )
- 9. Lock call history( [Menu]+[8]+[4]+[9] )
- 0. Emergency numbers ( [Menu]+[8]+[4]+[0] )

To enter 3 emergency numbers ([Edit]  $\rightarrow$  enter  $\rightarrow$  number  $\rightarrow$  [Save]  $\rightarrow$  [ $\diamondsuit$ ]  $\rightarrow$  ). You can call these numbers and 911 even when the phone is locked or restricted.

## \* Change lock code ( [Menu]+[8]+[4]+[\*] )

New Lock Code allows you to enter a new four-digit lock code number. For confirmation, it will ask you to enter the new lock code twice. This is the same number as the pin code.

# Hints on lock code( [Menu]+[8]+[4]+[#] )

Flight mode ( [Menu]+ [8]+[5] )

Memory status ( [Menu]+ [8]+[6] )

```
My phone number ( [Menu]+ [8]+[7] )
Line speed ( [Menu]+ [8]+[8] )
Version information ([Menu]+[8]+[9])
Data/fax ( [Menu]+ [8]+[0] )
Tools ([Menu]+[9])
Remider ( [Menu]+[ 9]+[1] )
Alarm ( [Menu]+[ 9]+[2] )
Calculator ( [Menu]+[ 9]+[3] )
Unit Coverter ( [Menu]+[ 9]+[4] )
Stopwatch ( [Menu]+[ 9]+[5] )
World time( [Menu]+[ 9]+[6] )
Bluetooth ( [Menu]+[ 9]+[7] )
```

# Chapter 4. Book Features

## Contacts ([Menu]+[2])

## Add new ([Menu]+[2]+[1])

- 1. Press Soft Key [Menu]
- 2. Press [2]
- 3. Press [1]
- 4. Enter the phone number you want to add.
- 5. Select number's destination (Home, Office, Mobile and Other)
- 6. Enter name
- 7. Press okey Key [Save]

### **Search ([Menu]+[2]+[2])**

- 1. Press Soft Key [Menu]
- 2. Press [2]
- 3. Press [2]
- 4. Enter the name you want to find.
- 5. You can go another find menu using with [♦]]

### **Groups settings([Menu]+[2]+[3])**

In this menu, you can view group members, and set ring tone, edit group's title.

- 1. Press Soft Key [Menu]
- 2. Press [2]
- 3. Press [3]
- 4. Select group you wand with [♦] key.
- 5. Press Okey to edit.
- 6. you can change gourp name, group ringtone and message tone

#### Groups manager([Menu]+[2]+[4])

In this menu, you can assign group members.

- 1 Press Soft Key 1 [Menu]
- 2.Press [2]
- 3.Press [4]
- 4. Select group you wand with [♦] key.
- 5. Press Okey Key
- 6. Press Add key if there are saved phonebook data and you can choose the group member

### **Speed dial ([Menu]+[2]+[5])**

- 1. Press Soft Key 1 [Menu]
- 2. Press [2]
- 3. Press [5]
- 4. Press add key and select auto
- 7. LCD will display all speed dial address, and you can select a address with [\$\ddot\] key.
- 5. If a address you selected is empty, you can select one of 3 option(Assign,Next empty and Remove all) with Soft Key 1 [Option].
- 6. In Assign menu, you can add name in speed dial
- 7. In Next empty menu, you can go next empty address
- 8. In Remove all menu, you can erase all address assigned in speed dial.

- 9. If a address you selected is assigned, you can select one of 4 option(Assign, Next empty, Remove and Remove all) with Soft Key 1 [Option].
- 10. In Assign menu, you can replace another name saved in phonebook data.
- 11. In Remove menu, you can erase name selected.
- 12. In Remove all menu, you can erase all address assigned in speed dial.

## COPY ([Menu]+[2]+ [6])

COPY phonebook data phone to UIM or UIM to phonebook

## Capacity ([Menu]+[2]+ [7])

Display the capacity about phonebook (phone and UIM.)

### Delete contacts ([Menu]+[2]+ [8])

Delete the contacts.

## Chapter 5. Message Features

Text message, page and voice mailbox become available as soon as the power is on. You can access the above types of messages pressing the message key ([^]) long. In addition, you can make a call to the call back number by pressing the [Send] during a message check. The phone can store up to 201 messages (Voice message: 1, Text messages 200) with 140 characters per message. However, you should check whether your carrier provides the above features.

The information that is stored on the message is determined by phone mode and service capability. You can check types of messages by pressing the message key ( $[ ^{\land} ]$ ).

### Massage Service

This service supports reception of the text message, alerting, and the voice mailbox. It is possible to access the above functions with the text message key.

It is possible to store up to total 201(new+old+voice) messages. It is recommended to check the number of character receivable because the capacity depends on the system service provider.

#### <Type of Menu>

- Write message: Menu to send message.
- Inbox: Menu to check a new incoming, stored text message
- 1234 Services: Exciting SMS-based infotainment services.
- Reserved message: After setting reserved time and send message

- Archive: Saved message in Inbox
- Outbox: Menu to check the message user have sent and was saved.
- Drafts: Saved message in Write message
- Voice Mail: Menu to check the number of voice messages in the voice mailbox
- Templates: Predefined Messages by user.
- Delete Msgs: Menu to erase all the stored messages
- Msg Settings: Menu to set the SMS priority or Delivery ack and so on.
- Move the cursor with the upside and downside keys [♣], and press Okey Key [Select] for the menu requested. Press Soft Key 2 [Back] to return to the initial image on the terminal.

## 1. Write Message ( [▲]+[1])

- A. Press [ok]
- B. Enter Message and press OK
- C. Enter Phone Number. If you want to send to number saved in book, press[Search]

## 2. Inbox ([^]+[2])

- A. Press [ok]
- B. Press [view] : you can view the received message
- C. You can choose below function using soft 1 key [option]
  - Forward: Forward received msg
  - Copy text :
  - Save number : : Save the number to the phonebook.
  - Extract
  - To archive

## 3. 1234 Services ([↑]+[3])

- 1. News
- 2. Cricket
- 3. Joke of the Day
- 4. Thought of the Day
- 5. Contest
- 6. Beauty Tips
- 7. Health
- 8. Horoscope
- 9. Bill Info
- 10. Unbilled Info
- 11. Help

## 4. Reserved message ([▲]+[4])

- A. Press [1] : New reserved msg
- B. Setting Date and time and ok
- C -> Enter Message and press OK
- D. Enter Phone Number. If you want to send to number saved in book, press[Search]

## 5. Archive in UIM ([↑]+[5])

- A. Press [ok]
- B Press [view] : you can view the saved message in UIM
- C You can choose below function using soft 1 key [option]
- Forward: Forward received msg
- Copy text:
- Save number : : Save the number to the phonebook.
- Extract
- To archive

## 6. Outbox ([▲]+[6])

- A. Press [ok]
- B Press [view] : you can view the outbox message
- C You can choose below function using soft 1 key [option]
- Forward: Forward received msg
- Copy text :
- Save number : : Save the number to the phonebook.
- Extract
- To archive

## 7. Draft ([^]+[7])

- A. Press [ok]
- B Press [view] : you can view the draft message
- C You can choose below function using soft 1 key [option]
- Forward : Forward received msg
- Copy text :
- Save number : : Save the number to the phonebook.
- Extract
- To archive

## 8. Voice Mail ([↑]+[8])

1) Press [ok]

## 9. Templates ([↑]+[9])

- 1) Press [OK]
- 2) Press [Forwad]
- 3) Add string
- 4) From this state the same with Write Message

## 10. Delete Message ([↑]+[0])

- 1) Press [ok]
- 2) Choose the deleting type (all in box, all outbox, all archive load)
- 3) Press [ok]

## 11.Msg Settings ([**↑**]+[\*])

- 1) Press [ok]
- 2) Choose menu item, Press [Select]
- Priority: You can select Priority (Normal/Hurry/Urgent)
- message save: You can select repeat alert (Enable/Disable)
- Delivery report: You can select Delivery ack (Enable/Disable
- Vmail alert
- Text color
- Background
- Message display (Only arrived/ All contents)

\_\_\_\_\_

이부분도 수정

\_\_\_\_\_

#### <SMS SERVICE PROGRAM>

####->[6. SMS MO]

Select <SMS MO >

1. SO: Select 8K or 13K

2. L3ACK: Select ON/OFF

# Chapter 6. Functions used during a call

## Send my number (During a call : [option]+[1])

Send my number with dtmf tone

Search contact (During a call: [option]+[2])

## Add new contact (During a call: [option]+[3])

Save the number to phonebook during a call

Search scheduler(During a call: [option]+[4])

## Mute / Unmute (During a call : [option]+[5])

 Sometimes it is necessary to mute a call so that caller does not hear you or certain background noise.

## DTMF (During a call: [option]+[6])

Set short, long DTMF tone

## Voice Privacy (During a call : [option]+[7])

Set the voice privacy feature for CDMA calls as "Enhanced" or "Standard": CDMA offers inherent voice privacy. Check with your service provider for availability of the

enhanced voice privacy mode.

# Chapter 7. Accessories

There are a variety of accessories available for the phone. You can select these options according to your personal communication requirements. Consult your local dealer for availability.

## **Travel Charger**

This charger, model TC-10W, allows you to charge the battery pack. It supports standard U.S. 120Volt 60Hz outlets. While an orange light indicates that it is charging, a green light indicates charging is complete. It takes 5 hours to charge a completely discharged battery.

## **Battery (LGLi-AAEM)**

Standard battery and Extended battery are available.

#### **Desktop Charger**

The desktop charger, model DC-41W, allows you to place the phone for charging the stand. It can charge a completely discharged battery in 3 hours.

### **Cigar Lighter Charger**

You can operate the phone and trickle charge the phone's battery from your vehicle by using the cigarette lighter charger, model CLC-11W. It takes 5 hours to charge a completely discharged battery.

#### **Hands-Free Car Kit (Portable)**

The hands-free car kit, model PHF-30W, enables you to attach the phone to the car providing you with hands-free operation. It will also charge a completely discharged battery in 5 hours.

## **Hands-Free Car kit(Install)**

The installed hands-free car kit model IHF-51W is permanently installed in your car, and provides you with hands-free operation. It will also charge a completely discharged battery is shows.

#### **Data Cable Kit**

Connects your phone to your PC.(Model KW-a)

### Headset

Connects to your phone, allowing hands free operation. Includes earpiece, microphone and mute key.

(Model Headset 1000)

Hand strap

**AC Adaptor** 

# Appendix 1. RF Exposure Statement

**WARNING!** Read this information before operating the phone.

In August 1996, the Federal Communications (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.

#### **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 skin, a minor burn may result. Contact your local dealer for a replacement of antenna.

## **Body Worn Operation**

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5 cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of belt-clips, holsters, and similar accessories should not containing metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

#### For Your Safety 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 may cause undesired operation.

# Appendix 2. Consumer Information on SAR (Specific Absorption Rate)

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

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

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

The highest SAR value for this model phone when tested for use at the ear is 1.32 W/kg and when worn on the body, as described in this user guide, is 1.26 W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID BEJRD8000.