OPERATING MANUAL
VT-820

Version 1.1

VACOM WIRELESS, INC.

CONTENTS

3.   **Inserting Punctuations & Special Characters**

FCC RF EXPOSURE INFORMATION

IMPORTANT SAFETY INFORMATION

Some of the following information may not apply specifically to your phone. However, as with any electronic product, these safety precautions should be observed when using this product.

◆ Please keep this manual in a safe place, for it contains important safety information and operating instructions.

◆ Please follow and adhere to all warning, safety, and operating instructions indicated on both the phone and in this manual before use.

◆ **Do Not** expose the phone to water or moisture.

◆ **Do Not** expose the phone to extreme heat or cold.

◆ **Do Not** expose the phone to open flame.

◆ **Do Not** allow objects to fall or liquids to spill on the product.

◆ Use **Original Accessories** only.   Any damage incurred from the use of non-approved accessories will void the warranty.

◆ Use approved chargers only and connect to a power source designated on the product.

◆ To reduce the risk of injury, remove the electrical cord from an outlet by pulling on the charger, rather than the cord.

◆ Ensure that the electrical cord is positioned accordingly so that it will not be vulnerable to damage.

◆ To reduce the risk of electrical shock, unplug the phone from the power source before cleaning.   Once unplugged, use a soft cloth dampened with water to clean.

◆ **DANGER**: **Do Not** modify the cord or the plug.   If the plug does not fit into an outlet, have a proper outlet installed by a qualified electrician.   Improper connection can result in electrical shock.

◆ **Do Not** attempt to disassemble the product – doing so will void the warranty.   This product does not contain consumer-serviceable components.   Service should be performed only by authorized service centers.

◆ **Do Not** remove the antenna.   A detached antenna can be a choking hazard for children.

◆ **Do Not** place the battery inside the mouth. The battery contains toxic electrolytes that are harmful for your health.

User Guide Proprietary Notice

CDMA Technology is licensed by QUALCOMM Incorporated under one of more of the following patents:

4,901,307	5,109,390	5,267,262	5,416,797	5,506,865
5,544,196	5,657,420	5,101,501	5,267,261	5,414,796
5,504,773	5,535,239	5,600,754	5,778,338	5,228,054
5,337,338	5,710,784	5,056,109	5,568,483	5,659,569
5,490,165	5,511,073			

GETTING TO KNOW YOUR PHONE

Volume/Scroll Key
These keys are used to set volume levels, and to help you navigate through menus and the Phonebook.
Use the volume keys to:
- Adjust call volume.
- Adjust key tone volume.
- Answer incoming calls.
- Scroll through menu options.
- Scroll through the Phonebook.

Color LCD Display
The LCD screen is divided into two sections:
- The top line displays your phone status indicators.
- The lower portion displays currently in-use information, such as Caller ID (if available), Mute, Call Waiting, etc.   Menus are also displayed in the lower portion.

Menu Keys (·· / ···)
These keys perform several useful functions:
- Use these keys to answer incoming calls.
- Use these keys from Standby mode to briefly access Main and Select menus.
- Use these keys to select a highlighted selection when navigating through a menu.

SMS Key
From Standby mode, press this key to access a text message menu items.

Navigation Keys
These keys allow you to navigate the phone's various features and useful shortcuts including Download, WAP, Torpedo, Audio and video etc.

WAP (▼) Key
From Standby mode, press and hold this key to access a WAP. Then you can access Internet with your phone.

BREW (▲) Key
From Standby mode, press this key to download and search contents. Then you can access server with your phone.

Microphone
Your typical conversational microphone. Mute the microphone during conversation by pressing "MENU" "2".

Accessory Port
Connect your charger here.

CLR Key

This key is used to erase incorrect numeric or character entries or to return to a previous screen.

- To erase a single character from the screen, briefly press the CLR key once.
- To erase the entire entry field, hold down the CLR key for one second.
- To back up one menu level, press the CLR key once.
- To return to standby, hold the CLR key for one second.

END Key
Press this key to end calls or to return to Standby mode from any menu.   Press and hold to turn the phone On or Off.

SEND Key
This key performs several useful functions:
- Press the Send key to dial an entered number.
- Press the Send key once to redial the last outgoing number.

Numeric Keypad
These keys are used to input numbers and characters.

◀ *
This key performs several useful functions:
- Toggle between ring and vibrate.
- Use as a navigation key.

 # ▶
This key performs several useful functions:
- Use to lock . To unlock, press any key and enter the password.
- Use as a navigation key.

Antenna

DISPLAY INDICATORS

Display indicators appear across the top of your phone's LCD screen. Combination of displayed indicators, or icons, will vary based on your phone's operating status.

Signal Strength: This icon displays the current signal strength.   Each additional line indicates greater signal strength, where five lines indicate the maximum signal strength.

Out of Service: This icon indicates an absence of signal and that you may be outside the service area.   If this icon is shown, calls cannot be either received or made until a signal is found.

In service

Roaming: This icon indicates you are "roaming" in another carrier's service area.   However, you must register for roaming services.

In CDMA 1X network

New SMS Message: This icon indicates unchecked message(s) in your Message Box.   Press the SMS Menu key to view the Message menu or press and hold the key to access the Voicemail Box.

SMS Message Box Full

Etiquette Mode: This icon indicates that the phone will vibrate instead of ringing when an incoming call is received.   This feature is convenient for situations when you don't want your ringer to disturb anyone.

Alarm On: This icon indicates that the alarm has been set.

Battery Strength: This icon displays the current level of the battery.   The more bars you see, the greater the charge.   Zero bars indicate critically low battery status, as additionally indicated by a flashing alert.

Full Charge

Empty Charge

BATTERY INFORMATION

The rechargeable Lithium-polymer battery included in your kit is partially charged so that you can use the phone immediately once it has been activated.

Attaching the Battery

To attach the battery to your phone:
1. Lineup the metallic contacts on the base of the battery to the base of the phone.
2. Place the battery on the back of the phone, with the top of the battery about a quarter of an inch from the latch.
3. Gently slide the battery towards the top of the phone until it snaps into place.

Charging the Battery

You can tell whether your battery needs to be recharged or not by checking the upper-right corner of your phone's display.

When the battery charge level becomes low, the battery sensor will alert you by blinking the battery icon and making an audible warning tone.   The phone will automatically power itself off if the battery level becomes critically low, and any incoming or outgoing call will disconnect. To avoid such disconnection, be mindful of the battery strength indicator and make sure your battery is sufficiently charged.

Charging with a Travel Charger

Using an unauthorized accessory may be dangerous and will void the warranty if it causes damage to the phone.

To charge the Battery using a Travel Charger:

- Plug the power cord of the charger into a wall outlet.
- Insert the charger's connector to the bottom of the phone.

Note) Ensure a proper connection of the charger and the phone. Incomplete connection may cause damage to the phone.

A completely discharged standard sized battery charges full in approximately tbd hours. Extended battery charges in approximately tbd hours. Leaving your phone powered on during charging or charging two batteries simultaneously will increase charge times. Leaving the battery connected to the charger after it has been fully charged will not harm the battery.

Turning your phone on and off.

When you're ready to turn on your phone, press and hold "END/⏻" until the display is turned on and the phone makes the sound. When the phone has found a signal, the "📶" icon appears. Once the phone is turned on, it enters Standby mode and you are able to make and receive calls.

To turn your phone off, press and hold "END/⏻" until the display is turned off and the phone makes the sounds. Then the display will go blank. When the phone is turned off, nothing is displayed on screen.

Note: If "END/⏻" is pressed for less than one second, the phone will not be turned off. This function prevents your phone from being turned off accidentally.

Standby Mode.

Standby is the most basic state of your phone. The phone goes into standby mode soon after you turn it on, or whenever you briefly press "END/⏻". When your phone is in Standby Mode, you will typically see the banner (that's the message displayed when you turn on your phone). If you enter a phone number, you press "SEND" to complete the call, or press "STO (⋯)" to save it in the internal phone book.

Power Save Mode

Your phone comes with a Power Save feature that will automatically be activated if your phone is unable to find a signal after 15 minutes of searching. While this feature is active, the phone's battery power is conserved.
The phone will automatically recheck for a signal periodically. To manually force the phone to recheck for a signal, press any key. A message on the display will let you know when the phone is operating in Power Save Mode.

Conversation Mode.

You can place and answer calls only when your phone is turned on. During a call, the phone is in Conversation Mode.

Battery Lifetime

	Bateria	Tiempo de conversacion	Tiempo de reserva
Cellular digital	3.7V Li-ion 1000mAh	Desde TBD min hasta TBD min	TBD hrs hasta TBD hrs
PCS	3.7V Li-ion 1000mAh	Desde TBD min hasta TBD min	TBD hrs hasta TBD hrs
Analog	3.7V Li-ion 1000mAh	Desde TBD min hasta TBD min	TBD hrs con TBD min hasta TBD hrs con TBD min

BASIC FUNCTIONS

1. Making Calls

To place a call:

Press and hold "END/⏻" to power your phone on, as indicated by icons that appear on screen.

Enter the phone number (up to 32 digits) using the keypad. The phone number is displayed from left to right.

Press "SEND". The phone attempts to connect to the entered phone number (if service is available).

You can also make calls from:

Your Phonebook or by using Speed Dial keys (see "Phonebook").

2. Ending Calls

To end a call, press "END/⏻" or close folder. Call time for the just ended call will display, along with the name and number of the connected party (if available). The phone will then automatically revert back to Standby.

3. Answering Calls

To answer an incoming call, open the folder and press any key. If your phone is registered for Caller ID service, the caller's phone number will display on screen, and that caller's name will also appear if the caller's number recognized in the Phonebook.

4. Correcting Entry Errors

Press CLR to erase one character at a time. You can erase the entire entry field by pressing and holding down CLR for one second.

5. Storing Phone Numbers

Phone numbers for frequently used services are pre-programmed into your phone. To store a number:

- Press the STO (⋯) key after entering the number to store.
- Select a type of a phone number by scrolling "◀▶" and press "OK (··)".
- Press "EDIT (⋯)" and designate a name. Press "OK (··)" to complete. Scroll "▲/ ▼" to edit the location number. Once you've finish editing, press "OK (··)" to save.
- For more information, see "Phone Book".

6. Volume

You can adjust volume of the earpiece by using the volume keys on the side of the phone. Briefly press the volume key once to display your current earpiece volume setting. Repeatedly press the volume key to adjust.

7. Redialing Last Dialed, Received, or Missed Number

Up to 20 dialed, received, or missed can be redialed directly. Simply press SEND to:
- Access the call log of 20 call entries in chronological order.
- Then, press the "VIEW (· ·)" key to see the time and number of the selected call.
- Simply press SEND to redial that number.

8. Speed Dial

Once a phone number is stored in your Phonebook, you can access and dial that number using assigned speed dial keys.
Enter the location number of a stored number. The phone will then automatically connect to that number.

9. Etiquette Mode

In social situations where audible rings, bells, or tones are inappropriate, such as in a movie theater, at a museum, play, etc, your phone can be set on Etiquette mode. All incoming calls under this mode will be notified by inaudible vibration. Press and hold "* 🔲" to set the Etiquette mode and once more to cancel.

10. Silence Mode

If you want to silence an incoming ring while folder opened, for example, when you are in a meeting, press "END/⏻" and if phone folded, press "SIDE UP" key. Then the incoming ring will be silenced. Then the caller will be noticed that you are not available to answer.
And the call is turned off with one more END key pressing.

Note 1) Although the incoming ring is silenced, the call is still coming. If you want to answer, press any keys.
Note 2) When you press "END/⏻" to silence the incoming ring, the caller may be able to leave a voice message or the call may be forwarded to others, which depends on your service provider. Please contact your service provider for available options, such as Voice mail, Call forwarding, etc.

11. Shortcut

There are several shortcuts that can be used to directly access useful functions.

- **Phonebook Search**: Press the "SRCH(···)" key to search all the stored phone numbers by name, number, speed key (location number), group, and phonebook list.
- **Short Messaging Service**: Press the SMS button to send or receive messages.
- **CAMERA**: Press and hold the "ⓘ" key to access Internet.
- **Download**: Press the "▲" key to download. You can download and search contents.
- **WAP:** Press the "▼"key to access Internet.
- **Torpedo:** Press the "▶" key.
- **Audio & Video:** Press the "◀" key.

MENUS

I.   Calls

1. Call Function

a.   Auto Answer

- Press "MENU (··)", "1. Calls", "1. Call Function" and "1. Auto Answer".
- Choose "Always", "Off" or "Earphone" and press "OK (··)" to save.

b.   Auto Redial

- Your phone makes up to three attempts to redial a phone number after an unsuccessful call.
- Press "MENU (··)", "1. Calls", "1. Call Function" and "2. Auto Redial".
- Choose between "On" and "Off" and press "OK (··)" to save.

2. Call Restrict

- You can set outgoing call restrict.
- You can answer a received call, even though your phone is "Call Restrict".
- Even if you turn off the phone and then turn it on, it is still in "Call Restrict" mode.
- You can place a call to emergency number regardless of whether your phone is restricted or not.
- Press "MENU (··)", "1. Calls" and "2. Call Restrict".
- Choose between "Restrict" or "Clear" and press "OK (··)" to save.

3. Call Answer

Calls can be answered either by pressing a key or by opening the folder.

- Press "MENU (··)", "1. Calls" and "3. Call Answer".
- Choose "Any key", "FolderOpen" or "Send Key" and press "OK (··)" to save.
  - Any Key Pressed: Open the folder and then press any button on the keypad.
  - Send Key: Open the folder and then press "Send" button on the keypad.
  - Folder Open: Open the folder to receive a call.

4. Call Time

The Call Time option shows approximate duration of the last call, the total call time in hours and minutes and the total number of calls made under the current phone number.

  a.   Last Call : The latest call time is displayed.

   Press "MENU (··), "1. Calls", "4. Call Time", and "1. Last Call". Your phone will then

indicate an approximate duration of the last call made in minutes and seconds.

b. Home Calls : Press "MENU (··), "1. Calls", "4. Call Time", and "2. Home Call". Your phone will then indicate an approximate total time in hours and minutes that the phone has been used in your provider's service area.

c. Roam Calls : Roam call time placed by using other service provider's base station is displayed.
Press "MENU (··), "1. Calls", "4. Call Time", and "3. Roam Call". Your phone will then indicate an approximate total time in hours and minutes that the phone has been used in roaming areas.

d. All : The total call time from the service start to the present time is displayed,
Press "MENU (··), "1. Calls", "4. Call Time", and "4. All". Your phone will then indicate an approximate total time in hours and minutes that the phone has been used in home and roaming areas.

II.   My Vivo

1. Icon Order

a. Setting

Icon order option can set Icon order.

- Press "MENU (··)", "2. My Vivo", "1. Icon Order", "1. Setting". You can select Icon that you want to change order.

b. **Restore**

- Press "MENU (··)", "2. My Vivo", "1. Icon Order", "1. Restore". You can change into original setting.

2. Main Keys

a. Visible

- "MENU (··)", "2. My Vivo", "2. Main Keys", "1. Visible".
- Choose "On" and "Off" and press "OK (··)" to save.

b. Setting

- Main key option can set Icon to want at navigation keys.
- "MENU (··)", "2. My Vivo", "2. Main Keys", "2. Setting".

c. Restore

- "MENU (··)", "2. My Vivo", "2. Main Keys", "3. Restore". You can change into original setting.

3. Ring Types

a. Bell Select

You can change a ringer tone sounded when a call is received. Besides the default ringer tones stored in your cell phone, you can use the melody download service provided by your service provider to download various ringer tones.

Press "MENU (··)" and "2. My Vivo", and "3. Ring Types" and "1. Bell Select".

i) Melody

- Press "1. Melody" and press "▲".
- Choose a type of melody among "Basic", "Creative", "Classic", "Nature" or "Event" by scrolling "◄/►".
- Once you choose a type of melody, press "▼".
  Scroll "◄/►" to choose a bell and press "OK (··)" to set.

ii) PCSYNC Ringer

- Press "2. PCSYNC Ringer" and scroll "◄/►" to select a melody type.
- Press "OK (··)" to set.

iii) Wap Ringer

- Press "3. WAP Ringer" and scroll "◄/►" to select a melody type.
- Press "OK (··)" to set.

iv) BREW Ringer

b. Ring Type

You can set a ringer tone when a call or message is received. You can choose from six incoming call alert settings.

- Press "MENU (··)", "2. My Vivo", and "3. Ring Type" and "2. Ring Type".
- Select "Bell", "Vibration", "Bell → Vib" , "Vib → Bell", "Lamp only", "Bell+Vib".
- Press "OK (··)" to set.

c. Volume

You can set volume of Bell Volume, Keytone Volume and Call Volume.

i) Bell Volume

This option allows you to set the bell volume level.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "3. Volume" and "Bell Volume".
- Scroll "▲/▼" to increase or decrease the volume level.
  Press "OK (··)" to set.

ii) Key Volume

This option allows you to set the key volume level.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "3. Volume" and "Key
  Volume".
- Scroll "▲/▼" to increase or decrease the volume level.
- Press "OK (··)" to set.

iii) Call Volume

This option allows you to set the earpiece volume level.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "3. Volume" and "Call
  Volume".
- Scroll "▲/▼" to increase or decrease the volume level.
- Press "OK (··)" to set.

d. Alert Setting

i) Connection

This option allows you to be audibly notified when a call is connected.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "4. Alert Setting" and "1.
  Connection"
- Select between On and Off and press "OK (··)" to set.

ii) Drop

This option allows you to be audibly notified when a call is disconnected or the other
party hangs up the phone.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "4. Alert Setting" and "2.
  Drop"
- Select between On and Off and press "OK (··)" to set.

iii) Minute

This option allows you to be audibly warned when a call reaches the 1 minute mark.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "4. Alert Setting" and "3.
  Minute".
- Select between On and Off and press "OK (··)" to set.

iv) Service

This option allows you to be audibly warned when you move into other base stations
during a call.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "4. Alert Setting" and "4. Service".

- Select between On or Off and press "OK (··)" to set.

e. Beep Length

DTMF tone length can be set at normal or long.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "5. Beep Length".

Set the beep length "Normal" or "Long" and press "OK (··)" to set.

f. Roam Ringer

This option allows you to be audibly warned when the phone is roaming.

- Press "MENU (··)", "2. My Vivo", "3. Ring Type", "6. Roam Ringer".

Choose "OFF", "RoamRing 1" or "RoamRing 2" and press "OK (··)" to set.

4. Menu Format

This option allows you to select grid menu or list menu.

- Press "MENU(··)", "2. My Vivo" and "4. Menu Format".
- Choose "Grid" or "List" and press "OK(··)" to set.
-

5. Greeting

To edit the greeting banner:

- Press "MENU(··)", "2. My Vivo" and "5. Greeting".
- Compose the banner you want displayed and press "OK (··)" to save.

6. Wallpaper

Your phone is capable of displaying various welcome greetings in standby mode. To edit this greeting:

- Press "MENU(··)", "2. My Vivo" and "6. Wallpaper".
- Choose from "1. Fixed", "2. PCSYNC Image", "3. BREW Image" and "4. Photo Album" and press "SEL (··)".

Scroll " ◀ ▶ " to choose wallpapers and press "OK (··)" to save.

7. Original Setting

Phone Initialize allows you to reset the phone.

- Press "MENU(··)", "2. My Vivo" and "7. Original Setting".
- Enter the password.

- Choose "Yes" and press "OK (··)". Then your phone display "Initializing".
- The phone will automatically restart to apply the change
.

8. SMS Setting

9. Auto CSP

This mode allows you to set CSP.

a. CSP mode
- Press "MENU(··)", "2. My Vivo", "9. Auto CSP" and "1. CSP Mode".
- Choose "Enable" or "Disable" and press "OK (··)" to set.

b. Set Carrier
- Press "MENU(··)", "2. My Vivo", "9. Auto CSP" and "2. Set Carrier".
- Enter "CSP Number" and press "OK (··)" to set

c. Dell Carrier
- Press "MENU(··)", "2. My Vivo", "9. Auto CSP" and "3. Del Carrier".

III. Voice Mail
- Your phone is capable of dialing with voicemail (if provided by your network). If the voicemail has arrived, your phone displays **New message** in the idle screen and sets to inform you of the arrival.
- Press "MENU(··)" and "3. Voice Mail". you can then listen to the voicemail.
- Your phone automatically dials to the configured number that has stored

IV. Messaging
1. Chat
- Press "MENU(··)", "4. Messaging" and "1. Chat".
-
2. Messenger
- Press "MENU(··)", "4. Messaging" and "2. Messenger".

3. E-Mail
- Press "MENU(··)", "4. Messaging" and "3. E-Mail".

4. SMS
- Press "MENU(··)", "4. Messaging" and "4. SMS".

V. Voice Service

1. **Voice Portal**
2. **Ring Back Tone**
3. **Vivo Information**
4. **Call Forward**
   a. **Activate**
      - Press "MENU(··)", "5. Voice Service", "4. Call Forward" and " 1. Activate".
      - Choose "Phone Book" or "Manual" and press "OK(··)" to set.
   b. **Deactivate**
      - Press "MENU(··)", "5. Voice Service", "4. Call Forward" and " 1. Activate".
      - Press "OK(··)" to deactivate call forward.

VI. Utility

1. **Phone Book**
   a. **Adding Entries in Phonebook**

   After selecting "MENU (··)", "6. Utility", "1. Phone Book " and "1. PB Add" to add a phone number;
   - Choose a type of the phone number among the image of Mobile, Home, Office and Etc by scrolling "◀ ▶".
   - Scroll "▲/▼" to edit the name, location number, and phone number.
   - Assign the phone number as a Mobile, Home, Office, or Etc by scrolling "◀/▶".

   ※ Note) A yellow frame outlining characters indicates that you can edit or type. For example, if "No Name" has a yellow frame outside of each character, you can enter the name. Or if [001] has a yellow frame outside of each number, you can change the location number.

   To add Group, E-mail Address, Memo, or Bell Type for CID incoming rings, scroll "◀/▶" before you press "OK (··)".
   - Group: Scroll "◀/▶" to choose Group and press "NEXT (···)" to scroll through Family, Friends, Business, and No Group.
   - E-mail: Press "EDIT (···)" to enter an e-mail address. Press "OK (··)" to complete.
   - Memo: Press "EDIT (···)" to write a memo. Press "OK (··)" to complete.   For more information on writing memos, refer to 'ENTERING LETTERS & NUMBERS' on page ___.

- Caller Identified Ring: If you are receiving Caller ID service and would like to set a distinctive ring for a recognized phone number, press "NEXT (···)" and choose a desired incoming bell type.
- Once finished registering all information for the entry, press "OK (··)" to store.
- Then you can see a message that the number you wanted to store was stored successfully. And it goes to stand-by mode.

b. Phonebook Search

i) Search by Name

Search numbers stored in the Phonebook by entering a name.
- Press selecting "MENU (··)", "6. Utility", "1. Phone Book " and "2. PB Search" and "1. Name".
- Enter the name to search for.
- If you don't remember the full name, just enter the first letter.   Your phone will display a list of all similar names.
- Press SEND to dial.
- Or press "VIEW (··)" to edit or "DEL(···)" to delete

ii) Search by Number

Search numbers stored in the Phonebook by entering a phone number.
- Press selecting "MENU (··)", "6. Utility", "1. Phone Book " and "2. PB Search" and "1. Number".
- Enter the number to search for and press "OK (··)". Then, the name and location assigned to that number will be displayed.
- Press SEND to dial.
- Or press "VIEW (··)" to edit or "DEL(···)" to delete.
- If the entered number is not stored in the Phonebook, a warning tone will sound and "No Number Match" will appear on the display.

iii) Search by Location

Search numbers stored in the Phonebook by entering a location number.
- Press selecting "MENU (··)", "6. Utility", "1. Phone Book " and "2. PB Search" and "3. Speed Key".
- Enter the location number and press "OK (··)".
- Press "SEND" to dial. "VIEW(··)" to edit or "DEL(···)" to delete.
- If a number is not stored in the location, "Empty Location" will appear on the display.

iv) Search by Group

Search numbers stored in the Phonebook by a group.

- Press selecting "MENU (··)", "6. Utility", "1. Phone Book " and "2. PB Search" and "4. Group" to access "Choose Group" on the display.
- Scroll "◄►" or "▲▼" to select from "Business", "Friends", "Family" and "No Group"
- Choose a group to view all the numbers associated to that group.
- Place the cursor on the number you want to dial by scrolling ▲/▼ and press SEND.
- Press "VIEW(··)" to edit or "DEL(···)" to delete.

v) Phonebook List Search

- Press selecting "MENU (··)", "6. Utility", "1. Phone Book " and "2. PB Search" and "5. PB List"
- Your phone will then display all numbers stored in the phone in alphabetical order.
- Choose a number and press SEND to dial.
- Press "VIEW (··)" to edit or "DEL(···)" to delete.

c. Call List

Call history, including number, time, and duration, can be referenced by:
- Pressing "MENU (··)", "6. Utility", "1.Phone Book" and "3. Call List".
- A log of dialed, received, and missed calls will be displayed.

d. Group Edit

Three types of groups - Family, Friend, and Business - are available.

To change the name of groups or to add/remove groups, press Pressing "MENU (··)", "6. Utility", "1.Phone Book" and "4. Group Edit".
- Select a group type and press "Add" and enter the name of group. Then press "OK (··)" to save.
- Press "Edit" to edit or "Remove" to remove.

e. Check Memory

You can check how many entries are stored in both your phone.
- Press "MENU (··)", "6. Utility", "1.Phone Book" and "5. Check Memory".
- The total number of entries stored in your phone will then be displayed.

VII. Games

1. Built in Game

You can enjoy such entertaining games as Blackjack and Othello with your phone. To access games:

- Press "MENU (··)", "7. Games", and "1.Built in Game".
- Choose "1. Black Jack" or "2. Othello" and enjoy your games!

To set the phone in silent mode while playing games, press "MENU (··)" "7. Games", and "1.Built in Game" and "3. Game Sound". Set "Game Sound Off" and press "OK (··)".

To see the game result you played, press "MENU (··)", "7. Games", and "1.Built in Game" and "4. Game Result". Choose "1. Blackjack" or "2. Othello". The phone will then display the high scores of the selected game.

To view play keys of Othello, press "MENU (··)", "7. VAS", "1. Games", "2. Othello" and "4. Key Help". Key functions will show and press any keys to return to the previous menu.

2. BREW Game

VIII. Other Function

1. Schedule

The Schedule Manager option helps to manage your schedule using the phone. To set or edit a schedule, press "MENU (··)", "8. Other Function", and "1. Schedule".

    a. Add Schedule

- Select "1. Add". Calendar of the current month will then appear on the display.
- Use "▲/▼" to scroll through the days, the side keys on left side of the phone (volume keys) to scroll through the months, and * and # keys to scroll through the years.
- Enter the time (hour, minute and AM/PM).
- Press "▼" and press any numeric keys to enter a memo under "Input Schedule". Once you finish entering a memo, press "OK (··)".
- Press "▼" and scroll "◀/▶" to choose the bell type.
- Press "STO (··)" to save.
- The display will then show an "Wait.. Store" and prompt "Add Other Schedule?"　To add more, press "OK (··)" or to finish, press "QUIT (···)".

     b. **Schedule List:** You can see schedule list you stored.

- Select "2. List". Then you can see the schedule list orderly.
- To edit a schedule, choose a list by scrolling "▲/▼" and pressing "OK (··)". You can then edit a schedule in the same manner as above.
- Or delete a schedule by simply pressing "DEL (···)".   Press "OK (··)" to erase once the display prompts "Erase?"

     c. **Schedule Delete:** You can delete all schedule.

- Select "3. Delete".
- The phone will then prompt "All Schedule Erase?"
- Press "OK (··)" to erase.

2. Alarm

The 24-hour alarm can be set to go off at a set time while your phone is on. If the phone is powered off at the set time, the alarm will not sound. To set the alarm, press "MENU (··)", "8. Other Function", and "2. Alarm".

- Choose "Alarm 1" or "Alarm 2" and press "SEL (··)".
- Choose from Disable, Everyday, Mon~Sat, Mon~Fri, and Once Alarm by scrolling "◀/ ▶".
- Press "▼" and choose a Bell type and select the bell type by scrolling "◀ ▶".
- Press "▼" and enter the time, and then select AM or PM by pressing "(···)"
- Press "STO (··)" to set.

Note 1) You can set up to 2 different alarms.

Note 2)

- Disable: Once you've chosen Disable, the alarm will not sound even if you've set a time for it.
- Everyday: Once you've chosen Daily, the alarm will sound at the set time everyday.
- Mon~Sat: Once you've chosen Mon~Sat, the alarm will sound at the set time from Monday to Saturday.
- Mon~Fri: Once you've chosen Mon~Fri, the alarm will sound at the set time from Monday to Friday.
- Once Alarm: Once you've chosen Once, the alarm will only sound at the set time once.

3. Calculator

Using this menu, you can use the phone as a calculator. The calculator provides the basic arithmetic functions ; addition, subtraction, multiplication and division.

Press "MENU (··)", "8. Other Function" and "3. Calculator".

4. **Voice memo**

5. **Stop Watch**

This phone can be used as Stop Watch. Press "MENU (··)", "8. Other Function" and "5. Stop Watch".

6. **World Time**

Your phone is capable of displaying current times of 93 different cities. To access the world time view;

- Press "MENU (··)", "8. Other Function" and "6. World Time"..
- Use "▲▼" or "*" and "#" keys to find cities.

7. **Memo**

The Memo option helps you to manage your daily tasks. To create or edit a Memo, press "MENU (··)", "8. Other Function" and "7. Memo"..

a. **Add Memo** :
- Choose "1. Add".
- Enter or edit your task and press "OK (··)".
- Press "STO (··)" to store or "EDIT (···)" to edit.

b. **Memo List** :
- Choose "2. List". The phone will then display a list of all stored memos.
- Select by scrolling "▲" and "▼" and press "VIEW (··)".
- The memo and stored time will then be displayed.
- To edit, press "EDIT (···)".

c. **Delete** :
- Select "3. Delete". The phone will then prompt "All Memo Erase?".
- Press "OK (··)" to delete all memos.
- Or if you would like to delete individual memos, choose a memo entry and press "DEL(···)".

IX. Setting

1. **BackLight**

You can set the LCD and Keypad backlight to stay on or automatically turn off in 10 and 20 seconds.

- Press "MENU (··)", "9. Settings", "1. Backlight".

- Select "ON", "10 Sec", "20 Sec".
- Press "OK (· ·)" to set.
- Dimming Mode is operated whenever backlight setting time is passed .
- Backlight is completely turned off after 30 sec in dimming mode.

2. Contrast

To adjust the LCD contrast setting for your display:
- Press "MENU (· ·)", "9. Settings", "2. Contrast".
- Scroll "▲/▼" to set the contrast levels and press "OK (· ·)" to set.

3. Language

You can select the language displayed on your phone. Spanish and English are available for your phone's display. To change the language:
- Press "MENU (· ·)", "9. Settings", "3. Language".
- Select "Español" or "Inglés".
- Press "OK (· ·)" to set.

4. Time Set

If you are within the service areas, your phone will indicate the current time received from the Base Station. If you are out of the service areas or in AMPS areas, you can set the time as below:
- Press "MENU (· ·)", "9. Settings", "4. Time Set".
- Enter the month, day, year, time, minute and AM/PM in a order.
- Press "OK (· ·)" to set.

5. Security

Your phone is equipped with many security features, including a user-programmable lock code and call restrictions.   To access the Security menu from Standby mode, press "MENU (· ·)", "9. Settings", "5. Security".

a. Lock Mode

Locking the phone limits all outgoing calls except calls to the three hard-coded emergency numbers (***).

You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. When the phone is in Lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency).
- Press "MENU (· ·)", "9. Settings", "5. Security" and choose "1. Lock Mode".

- Enter the password.

- Choose "Never", "Power up" or "Always" and press "OK (··)" to set.

Notes 1) "Never" – the phone is unlocked.

"Power up" – the phone is locked automatically when it is turned on.

"Always" – you must unlock the phone to place outgoing calls.

Note 2) Or you can simply lock your phone by pressing and holding "#" on standby mode.

It is same as "Always" option. To release Lock mode, press and hold "#" and enter 4

digits of password.

b. New Password

To change the password,

- Press "MENU (··)", "9. Settings", "5. Security" and "2. New Password".

- Enter the password.

- Enter the new password and press "OK (··)".

- Then you can see "RE-ENTER NEWCODE" on top of the display.

- Enter the new password again and press "OK (··)" to save.

c. Memory Clear

The Memory Clear option allows you to clear the call list, schedules, and all other stored

information from memory.

- Press "MENU (··)", "9. Settings", "5. Security" and "3. Memory Clear".

- Enter the password.

- Choose "1. Call list", "2. PhoneBook", "3. Schedule", "4. Memo", "5. Alarm" or "6. All".

- Choose "Clear" and press "OK (··)" to erase the memory.

d. Privacy Info

To stop disclosing private information to other people, set the phone to show the

information only when the correct PIN has been entered.   To set privacy information:

- Press "MENU (··)", "9. Settings", "5. Security" and "5. Privacy Info".

- Enter the password.

- Choose "1. Phonebook", "2. Schedule/Memo", "3. Message", "4. Call List", "Camera" .

- Choose between "On" and "Off" and press "OK (··)" to set.

X. Help

1. **Call Center**
2. **International**
3. **Phone Info**
   a. **My Number**

   The number of your phone is displayed. Press "MENU (··)", "10. Help", "3. Phone Info" and "1. My Number". You can check your number.

   b. **SW VERSION**

   The software version of your phone is displayed. Press "MENU (··)", "10. Help", "3. Phone Info" and "2.SW VERSION". You can check the software version of your phone.

   c. **PRL VERSION**

   The PRL version of your phone is displayed. Press "MENU (··)", "10. Help", "3. Phone Info" and "3. PRL VERSION". You can check the PRL version of your phone.
4. **Icon**

CAMERA

Using this menu, you can take a picture using your phone. Simply press and hold "①"Key to start Camera menu.

The photo may be dark when you take a picture in darkness without light
Even though your phone is set to Etiquette mode, it makes a shutter sound when you take a picture. The file format for storing data is JPEG Image.
You can converse over the phone when a call is received during taking a picture.

1. Snapshot

Press "①"Key" and "1. Snapshot" and press "PF2" key, then you can take a picture.
Press "①"Key", "1. Snapshot" and "MENU(··)". You can set the option of camera in your phone

a. Rotation

After selecting "①"Key", "1. Snapshot", "MENU(··)" and "Rotation", you can choose between "0 Degree" or "180 Degree". Press "SEL(··)" to set.

b. Self Timer

This function enables you to take a picture when a certain time has passed according to your setting after pressing the shutter.
After selecting "①"Key", "1. Snapshot", "MENU(··)" and "Self Timer", you can choose between "None" or "5 Sec". Press "SEL(··)" to set.

c. Frame

This function enables you to select background   like a sticker camera when you take a picture. The total 6 photo frame images are available.
After selecting "①"Key", "1. Snapshot", "MENU(··)" and "Frame", you can choose one of "NO Frame", "Frame1", "Frame2", "Frame3", "Frame4", "Frame5" by scrolling "◀▶". Press "SEL(··)" to set.

d. Effect

You can set effects to make when you take a picture.
After selecting "①"Key", "1. Snapshot", "MENU(··)" and "Effect", you can choose one of "Effect 1", "Effect 2", "Effect 3", "Effect 4", "Effect 5", "Effect 6", "Effect 7" by

scrolling "◀ ▶". Press "SEL(··)" to set.

e. Bright

You can adjust brightness of photos at a dark place or on a cloudy day.

After selecting "①"Key", "1. Snapshot", "MENU(··)" and "Bright", you can choose one of "Bright 1", "Bright 2", "Bright 3", "Bright 4", "Bright 5", "Bright 6", "Bright 7" by scrolling "◀ ▶". Press "SEL(··)" to set.

f. Shot Mode

This function enables you to take a picture after you set a desired environment.
Normal Area: It is set when you take a picture at a bright place

Dark Area: It is set when you take a picture in the dark.

After selecting "①"Key", "1. Snapshot", "MENU(··)" and "Shot Mode", you can choose between "Normal Area" or "Dark Area". Press "SEL(··)" to set.

2. Photo Album

Press "①"Key" and "2. Photo Album", The phone will then display a list of all stored pictures. Choose one of those by scrolling "▲" and "▼".   After press "MENU(··)",

a. Photo Mail

It moves you to "Photo Mail" Input Mode after saving the picture you have taken in your phone and then attaching it to your Photo Mail automatically.

b. Wallpaper

You can set a selected photo to be the graphic displayed on 'Normal LCD'.
Press "SEL(··)" to save.

c. Rename

You can only edit the photo name.
Press "SEL(··)" to edit and enter new name. Press "OK(··)" to save.

d. Delete

Press "SEL(··)" to delete. Your phone will ask weather delete that picture. Press "DEL(··)" to delete.

e. Delete All

Press "SEL(··)" to delete all store picture. Your phone will then ask weather delete all pictures. Press "DEL(··)" to delete.

f. Photo Info

You can check information including title, file size, production date etc..

Your phone will display information of selected picture

g. Thumbnail/ Text List

If you select Thumbnail, You can see 4 photos on the screen. If you select Text List, You can check the stored photos by list

3.Photo Mail

Press "①"Key" and "3. Photo Mail". The phone will then display a list of all stored pictures. You can choose one of those.

4. Camera Set

The resolution is different when you send a photo taken by your phone attached to your E-mail or download it by PC, even though you can not see any differences when you check it on your phone.

Press "①"Key" and "4. Camera Set ". The phone will display window that can set Photo size and Save Method.

- You can set size of picture by scrolling "◀ ▶"
- You can choose Save Method between "Auto" and "Manual".

WAP

You can use your phone to browse the Internet if you have obtained phone Internet services (WAP) from your service provider and if over-the-air Internet access is available in your area. Simply press and hold "▼"Key to start the Internet.

Note) You cannot receive incoming calls while you are using WAP.

a. Searching for a Web site

How you search for a Web site depends on your service provider. Once you access the Internet and scroll "▲" and "▼" to search contents.

b. Menu Options

The following options may appear on your screen by pressing "Menu", "2. Browser Menu".

- "Home" to return you to the main page or home page.
- "Forward" to return you to previous page.
- "Bookmarks" to save the current location as a bookmark for easy access and to display a list of your saved Web sites.
- "Go To URL" to access to a new page by entering URL address by manual.
- "History" to show you Web pages that you have visited.
- "Search" to search in current Web page by word.
- "Save Items" to save a picture or sound clip.
- "Reload" to reload current Web page.
- "Advanced" to give you options for changing how information is displayed.

c. Bookmarking a Web site

Go to the site you would like to bookmark and press "Menu", "2. Browser Menu", "3. Book-marks". Select "Mark Site" from the top of the screen

d. Disconnection

To expire WAP, press "Menu", "1. Done" or "CLR" key.

BREW

BREW is a software that can download and run small programs for playing games, sending messages, sharing photos, etc..
In standby mode, press the "▲" key. You can select items by scrolling the "◀,▶" keys.

1. Mobile Shop

Choose "Mobile Shop" by scrolling the "◀,▶" keys and press the "①" key to select.
The phone will display "Catalog", Search" and "About Down" menu. Press the "CLR" key to previous menu.

a. Catalog

Press the "▲", "Mobile Shop" and "Catalog". The Phone will then display message, "Connecting", and try to access server.

b. Search

Press the "▲", "Mobile Shop" and "Search". You can enter text of content that you want to search. If you press the "Search" key, the phone will then try to access server.

c. About Down

Press the "▲", "Mobile Shop" and "About Down". The Phone will then display "HELP" list. You can select item to be help about Download by scrolling "▲" and "▼" keys.

2. Setting

Choose "Setting" by scrolling the "◀,▶" keys and press the "①" key to select. The phone will then display "Setting" list. There are Order Apps, Move Apps, Manage Apps, Main Menu View, Screen Saver and View Log.

3. Help

Choose "Help" by scrolling the "◀,▶" keys and press the "①" key to select. The phone will then display various information about BREW. For example, Charge, Removing Apps, etc. You can select one of list by scrolling "▲" and "▼" keys.

CONTENT DOWNLOAD

A content download can contain text, sound and a picture. They can download through WAP, BREW or a compatible PC using the PC Link software.

If content download contains a picture, the phone sales it down to fit the display area. The phone supports the following format;

- Picture : .png, .bmp, .jpg
- Sound : .mid, .mmf

The phone does not necessarily support all variations of the aforementioned file formats. If a received message contains any unsupported elements, they may not be stored in your phone.

If the memory capacity is insufficient, you can delete the existing contents before downloading. These downloaded pictures can be used as wallpapers in standby mode, and sounds can be used as melody type.

MESSAGE SERVICE(SMS)

Your phone can send and receive two types of message services – text (SMS: Short Messaging Service) and voice - if the services are available from your carrier.   If you subscribe to either or both services, callers can leave you text messages or voice mail.   Your service provider then transmits the text messages and voice mail notifications to your phone.

a. Text Messages

The actual tagging of text messages is dependent on the system used by your carrier.   Once your carrier transmits messages to your phone while it is powered on, the phone will receive the messages as described below.   If your phone is powered off, your carrier stores the messages and transmits them again at a later time.

When a new text message is received, your phone sounds an alert or vibrates, and ▢ is shown on the display. After you read the new message, ▢ disappears from the display.

Note) Your phone can store up to TBD text messages or TBD KB.

i)   Reading Text Messages

If your phone is turned ON when it receives a text message, it will sound an alert or vibrate and display ▢ on the display. You have a choice of reading the message then by pressing the SMS key or leave it for later. To read new messages:

- Press "SMS", "1. View MSG" and "1. Inbox".
- All messages you've received since the latest delivery will then be displayed.   Choose a message to read and press "SEL (··)".
- You can read the text message by scrolling "▲▼" keys.
- To call to a sender, simply press SEND twice while reading his/her message.

While reading a message, you can directly reply and transfer mail, store the phone number or return to the sender's phone number.

- Reply MSG : While you read a message, press "OPT (··)" and "Reply". You can then reply a message back. On sending messages, refer to "ii. Sending a Text Message".
- Transfer MSG : While you read a message, press "OPT (··)" and "Trans". You can then transfer this message to others.   On sending messages, refer to "ii. Sending a Text Message".
- Store Number : While you read a message, press "OPT (··)" and "SaveN". You will then see the same display shown when storing phone numbers. On storing phone numbers, refer to "I. Phone Book".

- Return Call : While you read a message, press "SEND". The phone will then display the call back number. Press "OK (··)" to connect.

If you want to read messages that you already sent out, press "SMS" and "2. Outbox". Then the phone will show you all the phone numbers you sent to. Press "SEL (··)" to choose a message. While you read a message, press "OPT (··)" to resend a message or store the phone number.

ii) Sending a Text Message (SMS : Short Messaging Service)
You can send text messages through your phone.   To edit and send text messages:
- Press "SMS" and "2. Send MSG".
- Choose "1. Create MSG", "2. Recent MSG" or "3. Canned MSG". You can then write a new message or edit sent/canned messages. Press "OK (··)" to complete.
- Enter a phone number you want to send to. Or press "◀" to choose from numbers that you already sent to. Or press "▶" to choose from Phone Book.
- Scroll "▲/▼" and press "◀▶" to set message priority, message save, or delivery ACK.
- Press "OK (··)" to send the message.

b. Voice Mail Service
Your phone can receive voice mail notifications while it is powered ON.   If your carrier transmits a notification while your phone is powered OFF, the notification the next time the phone is powered ON.
When a voice mail notification is received, your phone sounds an alert or vibrates and displays ▣ on the display. Once the voice message is checked, the icon disappears from the display.

Either listen to the new message right away by pressing the SMS key or listen to it at a later time.   To listen to new voice messages:
- Press "SMS", "1. View MSG" and "3. Voice".
- The time the message was received, the sender's name, and the sender's phone number will then appear on the display.
- To listen a voice message, press SEND while reading a message and dial *** (carrier's voice mail service number).
- To delete a message, press "DEL (···)" key while you are reading a voice mail list.
- To call to the sender, simply press SEND while accessing to the voice mail.
   Note) Voice mail feature may work differently depending on your service region. In certain regions, you can listen to the voice mail by pressing "Listen ( ) "while in the voice mail message view.   In this case, you will not be able to use the Reply and Number Store options.

c. SMS Setting

i) Alert Type

You can select message alerts from 5 different settings (Light only, Bells, and Vibrate).

- Press "SMS", "3. Setting", and "1. Alert Type".
- Select from "Vibrator", "Alert 1", "Alert 2", "Alert 3" or "Only Light".
- Press "OK ($\cdot\cdot$)" to set.

ii) Direct View

To view received messages as soon as they are transmitted:

- Press "SMS", "3. Setting", and "2. Direct View".
- Choose "On" and press "OK ($\cdot\cdot$)" to save.

iii) Priority

You can assign different priority levels for your messages.   To do so:

- Press "SMS", "3. Setting", and "3. Priority".
- Choose from Normal or Urgent and press "OK ($\cdot\cdot$)" to save.

iv) Delivery ACK

To set Delivery ACK, press "SMS", "3. Setting", and "4. Delivery ACK".   Then, choose between "On" and "Off" and press "OK" to set.

v) Save Message

To save the read message in the phone:

- Press "SMS", "3. Setting", and "5. Save MSG".
- Choose from "Always" or "None" and press "OK ($\cdot\cdot$)" to save.

vi) Reminder tone

You can set the phone reminds you the new message;

- Press "SMS", "3. Setting", and "6. Reminder tone".
- Choose from "Once", "Every 2Min" or "Off" and press "OK ($\cdot\cdot$)" to save.

USING MENU During a Call

1. Phonebook Search

Find phone numbers during calls by pressing "MENU (··)" and "1. PB Search".

2. Voice Mute

To mute the microphone, press "MENU (··)" and "2. Tx Voice Mute". To unmute the
microphone, press "MENU (··)" and "2. Tx Voice Mute" again.

3. DTMF Mute

To mute key tone, press "MENU (··)" and "3. DTMF Mute". To unmute DTMF, press "MENU
(··)" and "3. DTMF Mute" again.

4. Voice Privacy

To set Voice Privacy, press "MENU (··)" and "4. Voice Privacy". Choose between "standard"
and "enhanced" and press "OK (··)" to save.

5. Beep Length

To set a beep length, press "MENU (··)" and "5. Beep Length".
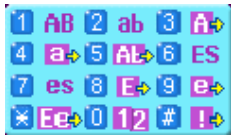
6. Speaker Phone

When press "▲" key during incoming call, or conversation, the phone is directly connected
with speaker phone.

ENTERING LETTERS & NUMBERS

You can enter letters, as well as numbers, with your phone's keypad when storing information into your phone, writing a memo, or sending messages. To enter letters, press the key associated with the letter you wish to enter until it appears on the screen (numbers also appear).

Entering Letters and Numbers

When you enter letters, press "MODE (⋯)". Then following shall be appeared on a display.

- Press "1" (AB) to insert a capital letter in English.
- Press "2" (ab) to insert a small letter in English.
- Press "3" (A→) to insert a word by Prediction Text Input in English (Capital letter).
- Press "4" (a→) to insert a word by Prediction Text Input in English (Small letter).
- Press "5" (Ab→) to insert a word by Prediction Text Input in English. The first character will be automatically input a capital letter and followings shall be small letters till a punctuation.
- Press "6" (ES) to insert a capital letter in Spanish.
- Press "7" (es) to insert a small letter in Spanish.
- Press "8" (E→) to insert a word by Prediction Text Input in Spanish (Capital letter).
- Press "9" (e→) to insert a word by Prediction Text Input in Spanish (Small letter).
- Press "*" (Ee→) to insert a word by Prediction Text Input in Spanish. The first character will be automatically input a capital letter and followings shall be small letters till a punctuation.
- Press "0" (12) to insert a numeric character.
- Press "#" to enter a punctuation or special characters.

Prediction Text Input

If you choose a Prediction Text Input mode (A→, a→, Ab→, E→, e→, Ee→), you don't need to type all letters you wish to insert.

- Press buttons once for each letter of a word you want to write.
- Then the phone shows predicted words that you may want to write on the bottom.
- Press scroll ◄/► to choose a word and press "SEND" to insert.

eg). If you want to write "manual", press **"6", "2", "6", "8", "2", "5"** and **"SEND"**. Then "manual" is written on the display.

Or you may press buttons for first few letters and scroll "◄/►" to find "manual".

FCC RF EXPOSURE INFORMATION

Read this information before using your handset

- In August 1996 the Federal Communication 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. Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachment s could impair call quality, damage the phone, or result in violation of FCC regulations.
- Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
    - Reorient or relocate the receiving antenna.
    - Increase the separation between the equipment and receiver.
    - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
    - Consult the dealer or an experienced radio/TV technician for help

Body-worn Operation

This device was tested for typical body-worn operations. 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 handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Bodyworn accessories that do not meet these requirements may not comply with FCC RF exposure requirements and should be avoided.

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