





## C ALL HISTORY




Your phone stores the last 10 outgoing calls and the last 10 incoming calls (only when Caller ID function is activated). You can display and redial these numbers.



### Redialing Outgoing Calls

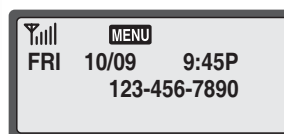
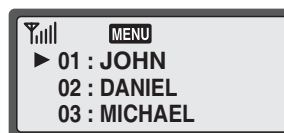
1. Press , **1** (Call History), **1** (Outgoing).

**NOTE:** If there's no outgoing call history, "OUTGOING CALL MEMORY EMPTY!" displays.


2. Press  or  to select number to redial.
3. Press  to redial the number.

**NOTE1:** Press  to see time and date of the call made. Then press  to redial the number or press  again to save the number in memory.




**NOTE2:** To redial the last number called, just pick up the handset or press  and .






### Returning Incoming Calls

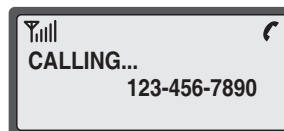
1. Press , **1** (Call History), **2** (Incoming).

**NOTE:** If there's no incoming call record, "INCOMING CALL MEMORY EMPTY!" displays.

2. Press  or  to select number to redial.
3. Press  to call back the number.

**NOTE1:** Press  to see time and date of the call arrival. Then press  to redial the number or press  again to save the number in memory.

**NOTE2:** Incoming history is available only when caller ID is activated.






### Redialing missed Calls

To display a list of missed received calls.

1. Press , **1** (Call History), **3** (Missed).

**NOTE:** If there's no missed call record, "MISSED CALL MEMORY EMPTY!" displays..

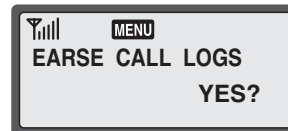
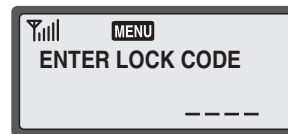
2. Press  or  to select number to redial.
3. Press  to call back the number.

**NOTE1:** Press **STORE** to see time and date of the call arrival. Then press **RECALL** to redial the number or press **STORE** again to save the number in memory.  
**NOTE2:** Missed history is available only when caller ID is activated.

**Erasing All Numbers in Call History**

1. Press **MENU** , **6** (Security).
2. Enter lock code.
3. Press **8** (Erase Logs).
4. Press **STORE** to confirm.

**NOTE:** Lock code is set as 0000 from the factory.  
 To change lock code, see page 33.

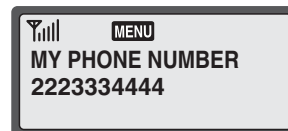
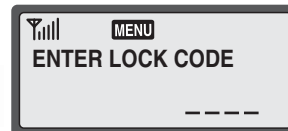


## D ISPLAYING YOUR PHONE NUMBER

**Displaying Your Phone Number**

1. Press **MENU** , **6** (Security).
2. Enter lock code.
3. Press **7** (My Phone Number).

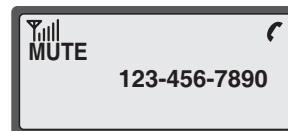
**NOTE:** Lock code is set as 0000 from the factory.  
 To change lock code, see page 33.



## M UTE

**This feature lets you mute the microphone, so that the other party cannot hear your voice or the sound of your surroundings. This function is available only during conversation.**

1. Press **MENU** , **1** (Mute) during conversation.  
 The message 'MUTE' blinks to indicate the function is working. The other party can no longer hear you, but you can hear them.
2. Press **MENU** , **1** again to resume the conversation.

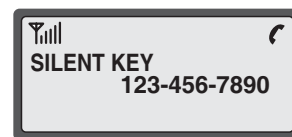




## SILENT KEYPAD

You can check your own phone number or save a number during a conversation without transmitting the dial tones to the other party. This function is available only during a telephone conversation.

1. Press , **2** (Silent Key) during conversation. 'SILENT KEY' blinks to indicate the function is working.
2. Press , **2** again to disable the feature.



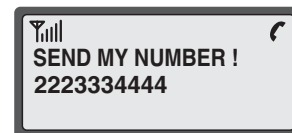
**NOTE:** With SILENT KEY function on, you cannot send responses to an ARS (Automatic Response System).

## SENDING YOUR PHONE NUMBER

When you're prompted to enter your phone number by ARS, you can conveniently transmit your number by pressing two keys instead of the entire number.

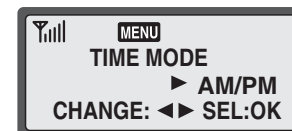
If 'SILENT KEY' is set, you cannot use this feature. This function is available only during a telephone conversation.

1. When you're prompted to enter your phone number press , **3** (Send My #).
2. Your phone number is transmitted automatically.














## SELECTING TIME MODE

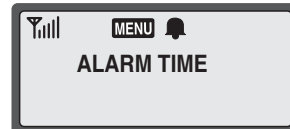
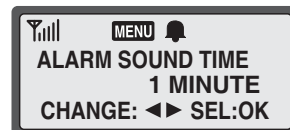
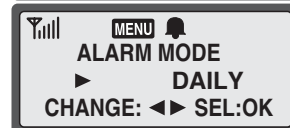
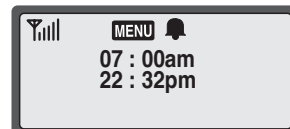
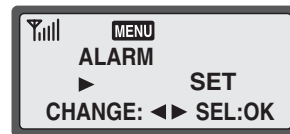
1. Press , **3** (Time), **5** (Time Mode).
2. Select the time display mode by pressing **←** or **→**.  
 AM/PM: Display 0~12 hours with A or P indicator  
 24 Hour: Display 00~24 hours
3. Press to save the change.







## SETTING THE ALARM

You can set the alarm sound daily or one time only.

1. Press , **3** (Time), **1** (Alarm).
2. Select "SET" by pressing  or  and press .
3. Enter alarm time and press .
4. Select alarm mode by pressing  or  and press .
  - Daily: Alarm sounds daily.
  - One time: Alarm sounds once.
5. Enter the duration of the alarm by pressing  or  and press .
  - A bell icon (alarm) appears in icon line.
  - On alarm time, the icon and "ALARM TIME" message blinks and alarm goes off.
  - Press any key to stop the alarm.





### Canceling the Alarm Time

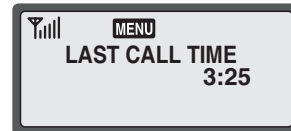
1. Press , **3** (Time), **1** (Alarm).
2. Select "RELEASE" by pressing  or  and press  to store the setting.

## CHECKING AND CLEARING CALL TIMES





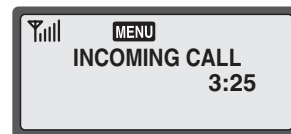
### Checking the Last Call Time

1. Press , **3** (Time), **2** (Last Call).
2. Press  to clear the display.





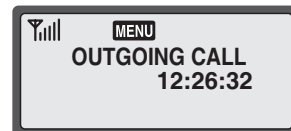
### Checking Accumulated Incoming Call Time

1. Press , **3** (Time), **3** (Total Time), **1** (Incoming).
2. Press  to clear the display.





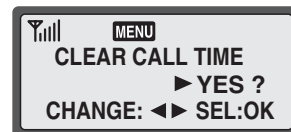
### Checking Accumulated Outgoing Call Air Time

1. Press , **3** (Time), **3** (Total Time), **2** (Outgoing).
2. Press  to clear the display.



### Reset Accumulated Call Time

1. Press , **3** (Time), **4** (Clr Call Time).
2. Press .



## **S**ETTING WARNING ALERTS

You can set your phone to sound warning beeps that indicate:

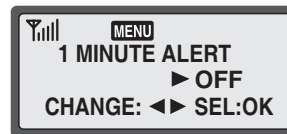
- each minute you are on a phone call
- when you are out of the service area



### Setting/Releasing 1 Minute Alert

1. Press **MENU**, **4** (Sound), **4** (1 Min Alert).
2. Select ON or OFF by pressing **◀** or **▶**.
3. Press **OK**.

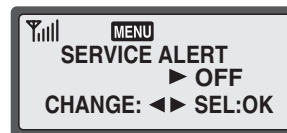
**NOTE:** When 1 minute alert is set, the phone gives alert sound each minute while you are on a phone call.



### Setting/Releasing Service Alert

1. Press **MENU**, **4** (Sound), **5** (SVC Alert).
2. Select ON or OFF by pressing **◀** or **▶**.
3. Press **OK**.

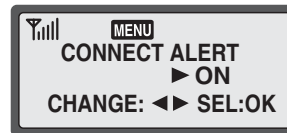
**NOTE:** When service alert is set, the phone gives alert sound when the phone is acquiring or loses the service signal.



### Setting/Releasing Connection Alert

1. Press **MENU**, **4** (Sound), **7** (Connect Alert).
2. Select ON or OFF by pressing **◀** or **▶**.
3. Press **OK**.

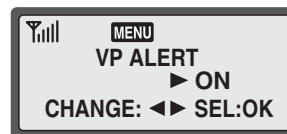
**NOTE:** When connection alert is set, the phone gives alert sound when the call has been connected to the number dialed.



### Setting/Releasing Voice Privacy Alert

1. Press **MENU**, **4** (Sound), **8** (VP Alert).
2. Select ON or OFF by pressing **◀** or **▶**.
3. Press **OK**.

**NOTE:** When voice privacy alert is set, the phone gives alert sound when the voice privacy is on.





# **Advanced Features**

**Changing Greeting Message**

**System Reset**

**Restricting Use of the Phone**

**Locking / Unlocking the Phone**

**Changing the Lock Code**

**Tone Length and Back Light**

## C HANGING GREETING MESSAGE

This feature lets you change the greeting message that the phone displays during standby mode.

1. Press , **6** (Security).
2. Enter your lock code.

**NOTE:** Lock code is set as 0000 from the factory.  
To change lock code, see page 33.

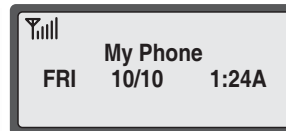
3. Press **1** (Greeting). Current greeting displays.
4. Press to change greeting.
5. Enter your new greeting message with alphanumeric keys.

**NOTE:** Press to switch between capital and lower case letters.

Example) To enter "My Phone",

Press

6. Press to save change.



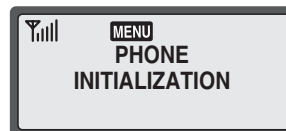
## S YSTEM RESET

To reset your phone to the manufacturer's defaults, follow these steps:

1. Press , **6** (Security).
2. Enter lock code.

**NOTE:** Lock code is set as 0000 from the factory.  
To change lock code, see page 33.

3. Press **5** (Reset Phone).
4. Select 'YES' by press or .
5. Press .
6. "PHONE INITIALIZATION" blinks while the phone is resetting.





## **R**ESTRICTING USE OF THE PHONE

You can restrict the use of the phone by unauthorized persons.



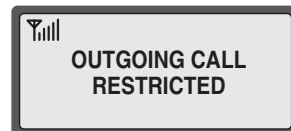
### Restricting Outgoing Calls

1. Press **MENU**, **6** (Security).
2. Enter lock code.

**NOTE:** Lock code is set as 0000 from the factory.  
To change lock code, see page 33.

3. Press **3** (Restrict), **1** (Outgoing).
4. Select 'ON' by pressing **▶** or **◀**.
5. Press **OK** to save change.

In this mode, when you try to call, "OUTGOING CALL RESTRICTED" displays and no outgoing call goes through.



### Restricting International Calls

1. Press **MENU**, **6** (Security).
2. Enter lock code.
3. Press **3** (Restrict), **2** (International).
4. Select 'ON' by pressing **▶** or **◀**.
5. Press **OK** to save change.

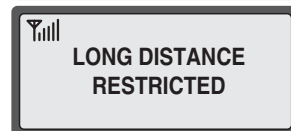
In this mode, when you try to make an international call (headed by 00), "INTERNATIONAL RESTRICTED" displays and no international call goes through.



### Restricting Long Distance Calls

1. Press **MENU**, **6** (Security).
2. Enter lock code.
3. Press **3** (Restrict), **3** (Long Distance).
4. Select 'ON' by pressing **▶** or **◀**.
5. Press **OK** to save change.







In this mode, when you try to make a long distance call (headed by 0), "LONG DISTANCE RESTRICTED" displays and no long distance call goes through.

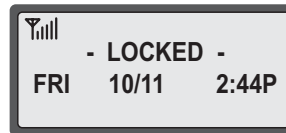




## **L**OCKING / UNLOCKING THE PHONE

You can lock your phone so that calls cannot be made by unauthorized persons. You can still receive incoming calls. Turning the phone off does not unlock the phone; the phone stays in locked mode until you change it.

1. Press  ,  (Security).
2. Enter lock code.
3. Press  (Auto Lock).
4. Select 'ON' or 'OFF' by pressing  or .
5. Press  to save the change.




**NOTE1:** When locked, the phone displays "LOCKED".

**NOTE2:** When locked, you have to enter the lock code to make a call.



**NOTE3:** You can still receive incoming calls.

## **C**HANGING THE LOCK CODE

The lock code is preset to 0000 from the factory. You can change the lock code to any 4 digit number.

1. Press  , **6** (Security).
2. Enter lock code.
3. Press **2** (Change Code).
4. Enter your new lock code.

**NOTE:** The lock code must be four numeric digits.





5. Press  .
6. Re-enter new lock code for verification.
7. Press  to confirm.

**NOTE:** "CODE NOT MATCHED TRY AGAIN!"  
displays if the second entry does not match the first entry.



## TONE LENGTH





Some ARS systems may be able to recognize only long tones.  
You may have to change the tone length to LONG.

1. Press , **5** (Configuration), **1** (Tone Length).
2. Select 'NORMAL' or 'LONG' by pressing  or .
3. Press  to save the change.



## BACK LIGHT

You can control the length of back lighting of the display and the keypad.

1. Press , **5** (Configuration), **2** (Back light)
2. Select "8 SECONDS" or "ALWAYS OFF" by pressing  or .
3. Press  to save the change.






8 SECONDS: The light goes off automatically 8 seconds after no key press, calling, or no other activity occurs.

Always OFF: The light never comes on.

**NOTE:** This setting is in effective only when the phone is operating with battery power only.  
When power adaptor is connected, the back light is always on.

## LANGUAGE

You can select language if available.

1. Press , **5** (Configuration), **3** (Language)
2. Select "language" by pressing  or .





## **Optional Features**



- Call Forwarding**
- Call Waiting**
- Three-way Calling**
- Message Service**
- Data call service**




## **C**all Forwarding

Call Forwarding is a feature that lets you forward your incoming calls to another phone number, even if your phone is turned off or is in no service area. Contact your service provider to activate Call Forwarding.

## **C**all Waiting

Call Waiting alerts you to a second incoming call while you are on the conversation . When there's another incoming call, you will hear warning beep. To respond to the call waiting, press  or hit shortly the hook switch once. Pressing  again or hitting the hook again will let you go back to the first call. Contact your service provider to activate Call Waiting.

## **T**hree-Way Calling

Three-Way Calling is a feature that lets you set up a three-way conversation with two different parties. While you're in conversation with a party, hit or the hook switch and place another call with the third party. Then press  or hit the hook switch again to connect the three parties together. Contact your service provider to activate Three-Way Calling.

# M

## ESSAGE SERVICE

Message Service is network dependent feature and is available only when your service provider supports it. Check your service provider is providing message service before using this function.

### Sending New Text Messages

1. Press **MSG** , **3** (Send MSG), **1** (Send new).
2. Enter destination number and press **STORE** .
3. Write message using the alphanumeric keypad and press **STORE** .

**NOTE:** See page 17 to see how to edit text.

4. Your phone number is displayed as call back number.  
You can change call back number. Press **STORE** .
5. Select message type with **◀** or **▶** and press **OK** .

**NOTE:** Urgent type is available only when your service provider supports it.


6. Select 'YES' save message or 'NO' to not save.
7. Press **STORE** to send the message.


**NOTE:** Sent messages are automatically saved for retransmission later.


### Sending Saved Text Messages


1. Press **MSG** , **3** (Send MSG), **2** (Saved MSG).
2. Select message to resend with **◀** or **▶** and press **OK** .
3. To send the message again, press **STORE** .  
To edit the message press **MSG** .


  
1: NEW  
2: MULTI SEND  
3: SAVED MSG


  
PHONE NUMBER  
123\_


  
HELLO\_

  
CALL BACK NUMBER  
123-456-7890

  
MESSAGE TYPE  
▶ NORMAL  
CHANGE: ◀▶ SEL:OK










  
SAVE MESSAGE ?  
▶ YES  
CHANGE: ◀▶ SEL:OK

  
[ MESSAGE SEND ]  
SEND & SAVE

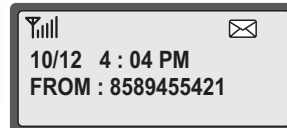
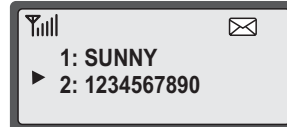
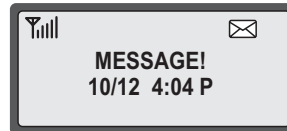
  
SENDING...  
PLEASE WAIT...












### Received Text Message

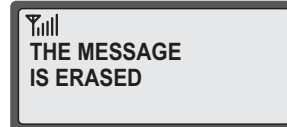
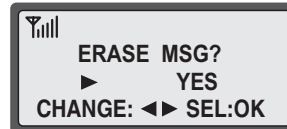
1. When text message arrives, 'MESSAGE! 10/12 4:04 PM' displays shortly and  appears in the icon line.
2. Press  ,  (Text Mail).
3. Press  or  to select message you want to see and press  .
4. The message, arrival time and call back number (if available) display. If the message is long, it will be scrolled down in 3 seconds automatically.  
To scroll up and down manually, press  or  .
5. If the message contains call back number and you want to make a call to that number.  
Press  if you want to call back.

**NOTE:** If the call back number is stored in the phonebook with a name, the name will display instead of the phone number.







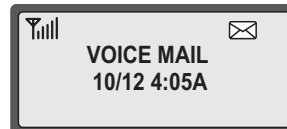
### Delete Selected Text Message

1. Press  ,  (Text Mail).
2. Press  or  to select message you want to delete and press  .
3. Press  again.
4. Select 'YES' with  or  and press  .



### Retrieving Voice Messages

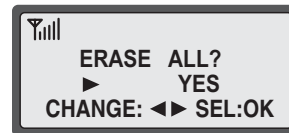
1. When voice messages arrive, "VOICE MAIL 10/12 4:04 PM" shortly appears and  appears in the icon line.
2. Press  ,  (Voice Mail).  
The number of unheard messages and the last message arrival time and date shows.
3. Press  to dial voice mail service center.





**Erasing All Messaged**

1. Press **MSG** , **4** (MSG Erase) .
2. Select 'YES' with **◀** or **▶** .
3. Press **OK** .

**Setting/Releasing Message Lock**

1. Press **MSG** , **5** (MSG Option), **1** (MSG Lock).
2. Select 'ON or OFF' with **◀** or **▶** .
3. Press **OK** .

If message lock is set, the phone will ask for the lock code whenever you try to retrieve message.

**Setting/Releasing Message Alert**

1. Press **MSG** , **5** (MSG Option) **2** (MSG Alert).
2. Select ON or OFF with **◀** or **▶** .
3. Press **OK** .

While the message alert is set, the phone will alert the user when messages arrive.



## **D**ATA Call Service

**Data Call Service is a network dependent feature and is available only when your service provider supports it. Check with your service provider for availability.**

**Connecting your PC requires optional cable, available separately.**

1. Connect the phone to your PC with the optional Axesstel serial or USB data cable.
2. Please refer to the manual provided with the cable for setting up a connection on your PC.



# Miscellaneous

Menu Table

Conversation and Message Menu  
Specification



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**MENU OPTION TABLE**



## **C**ONVERSATION AND MESSAGE MENU

### **Conversation Menu**

- 1: MUTE
- 2: SILENT KEY
- 3: SEND MY #

### **Message Menu**

- 1: VOICE MAIL
- 2: TEXT MAIL
- 3: SEND MESSAGE
- 4: MESSAGE ERASE
- 5: MESSAGE OPTION

## **S**PECIFICATIONS

Frequency Range	Tx: 824 ~ 849 MHz	Rx: 869 ~ 894 MHz
Channel Bandwidth	CDMA 1.25 MHz	
Stability of frequency	0.4 ppm	
External appearance(mm)	TBD	
Weight	TBD (without battery)	
Sending output	maximum 0.23W E.R.P	
Temperature of operation	-20 ~ +50 degrees Celcius	
Relative humidity	5% ~ 90%	
Adapter	Input: AC 100~240V 50~60Hz Output: DC 9V/1A	
Battery	Standby	16mA (Slot Cycle Index: 2) 72 hours
	Talk	405mA (at +10dBm) 2 hours

# SAR INFORMATION

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

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to 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 with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure.

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 worn on the body, as described in this user guide, is 0.939W/kg. (Body worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov / oet / fccid> after searching on **FCC ID : PH7AXWP830.**

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://phonefacts.net>. \*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 Compliance Information

This device complies with Part 15 of 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.

## Information to User

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.

# Safety Information

## 1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS

### **.POTENTIALLY EXPLOSIVE ATMOSPHERES**

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

### **INTERFERENCE TO MEDICAL DEVICES**

Certain electronic equipment may be shielded against RF signal from your wireless phone. (pacemakers, Hearing Aids, and so on) Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

### **.EXPOSURE TO RF ENERGY**

Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the phone is in use. Do not move the antenna close to, or touching any exposed part of the body when making a call.

## **SAFETY INFORMATION FOR RF EXPOSURE**

### **Body worn operation**

This device was tested for typical body-worn operations with the back of the phone kept 25 mm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 25 mm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.