## **MOBILE PHONE**

# HG-M306+ FCC ID:SG71202HG-M306 Quad-band GSM mobile phone 850/900/1800/1900MHz

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## **1. Safety Precautions**

#### **Information for parents**

Please read the operating instructions and safety precautions carefully before use.

Explain the content to your children and the hazards associated with using the phone.

Remember to comply with legal requirements and local restrictions when using the phone, for example, in aero planes, petrol stations, hospitals or while driving.

Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm(9inches)distance between the phone and pacemaker. When using the mobile phone hold it to the ear which is furthest

away from the pacemaker. For more information, consult your doctor.

Always keep the phone and accessories out of reach of small children.

Small parts such as the SIM card, dust cap, lens ring and lens cap as well as the micro SD card can be dismantled and swallowed by small children.

Do not place the phone near to electromagnetic data carriers such as credit cards and floppy disks. Information stored on them could be lost.

Do not look directly into the LED (such as flash LED) with optical magnifiers because of radiation.

This product complies with IEC/EN 60825-1 "Safety of Laser Products" for

LED Class 1M products; such products are safe under reasonably foreseeable operating conditions.

Permanent hearing loss may occur if you use earphones or headphones at high volume. You can adapt over time to a higher volume, which may sound normal but can be damaging to your hearing. Set your volume to a safe level. If you experience discomfort or buzzing in your ears, reduce the volume or discontinue use of your earphones or headphones.

Ring tones, info tones and hands free talking are reproduced through the loudspeaker. Do not hold the phone to the ear when it rings or when you have switched on the hands free function. Otherwise you risk serious permanent damage to your hearing.

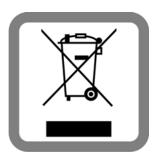


The mains voltage (V) specified on the power supply unit must not be exceeded. Otherwise the charging device may be damaged.

The power supply must be plugged into an easily accessible AC mains power socket when charging the battery. The only way to turn off the charging device after charging the battery is to unplug it.

You may only open the phone to replace the battery, SIM and micro SD card. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the guarantee.

The phone may cause interference in the vicinity of TV sets, radios and PCs.



Dispose of unwanted batteries and phones as permitted by the laws in your countries.

Only use original batteries and charging devices. Otherwise you risk serious damage to health and property. The battery could explode, for instance.

All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touch exposed terminals. The material may complete an electrical circuit and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects.

Do not dispose of batteries in fire as they may explode.

Improper use will invalidate the guarantee! These safety instructions also apply to original accessories.

As mobile devices offer a range of functions, they can be used in positions other than the head, such as directly on the body. In this case, the limits are met too.

## 2.Phone Overview

#### **Communication control keys**

#### SIM calling keys

SIM calling key is used to make a call after a number has been entered or selected from the phone book, or to answer an incoming call. In idle screen, press SIM calling key to show call logs of SIM card.

#### End key

End key is used to end a call during calling or conversation, or to quit the menu and return to idle screen. Press and hold the ending key for about two seconds to turn on/off the phone.

#### **Direction keys**

Go to **Settings** > **Phone setup** > **Dedicated key** to set direction keys.

#### Center key

In idle screen, press center key to open the main menu. In lists and menus, press the center key to start an application/function.

## Left and right soft keys

In idle screen, press the left soft key to open the main menu. In idle screen, press the right soft key to directly access the phone book list. During menu operation, the current functions of the left and right soft keys are shown in the bottom line of the screen, and they are closely related to the current status of the phone.

#### Number keys

Press number keys (0-9) to enter numbers.

You can also use number keys to select menus. If a number is shown before an option in menu list, you can select the option quickly by pressing the corresponding number key.

## 3. Getting Started

## What is a SIM card

When registering your mobile phone number, you will have a SIM card (Subscriber Identity Module) provided by the network operator.

The SIM card has information reserved for your use. It includes your phone number, PIN (Personal Identification Number), PIN2, PUK (password to unlock PIN), PUK2 (password to unlock PIN2), IMSI (International Mobile Subscriber Identity) number, network information, phone book data, SMS data and so on. If it is lost, contact your network operator immediately for help.

#### PIN code

PIN is the password provided by your network operator. It is usually 4 digits. When you input the PIN code, the screen

displays "\*" to replace the number entered.

PIN is used to access the SIM card. If the PIN protection function is enabled, the screen will display "Enter PIN" each time the phone is switched on. You can deactivate this feature but you risk unauthorized use of the phone. Some network operators do not permit deactivating the control.

## PIN2 code

PIN2 is required for some specific functions provided by the network, such as the charge information.

**Note:** If you enter the PIN incorrectly three times in a row, the SIM card will be locked. Please contact your network operator immediately for decoding. Attempting to decode by yourself may result in the permanent failure of the SIM card.

## PUK code

PUK (Personal Unblocking Key, 8-digit) unlocks a locked PIN. If you enter the PUK incorrectly ten times in a row, the SIM card will become invalid. Please contact your network operator for a new SIM card.

## Installing the SIM card

- 1. Press and hold the ending key to turn off the phone.
- 2. Remove the battery cover and then the battery.
- 3. Insert the SIM card into the card holder. Ensure that the cut corner is at the top left and the metal contacts face the phone.
- 4. Re-install the battery. Place the battery cover onto the back of your phone and slide it forward until the latch catches the cover.

**Note:** A SIM card can be easily damaged if its metal contacts become scratched. Therefore, take special care when holding or inserting it and keep it away from small children.

## **Charging the battery**

The battery is not fully charged when first unpacked. It takes three charging-discharging cycles for the battery to reach its peak performance. The battery can be charged and discharged hundreds of times. However, the capacity of the battery will be reduced each time it is charged/emptied, and it will eventually wear out. When the talk time and the standby time are noticeably shorter than normal, replace the battery. Use original batteries and charging devices only.

Unplug the charger from the outlet and the phone when not in use. Do not leave a fully-charged battery connected to a charger because overcharging may shorten the lifetime of the battery. If unused, a fully-charged battery will lose its charge over time.

If the battery is completely discharged, the charging may not start immediately when you plug in the connector. Wait 10 to 15 minutes for the phone to begin charging.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. An accidental short circuit may occur when a metallic object such as a coin, clip or pen causes the direct connection of the positive (+) and negative (-) terminals of the battery, for example, when you carry a spare battery in your pocket or purse. Short circuit may damage the battery and the connecting object.

Storage at too high or low temperatures will result in a gradual capacity loss. As a result the operating time of your mobile phone may be considerably reduced, even after the battery is fully charged.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of unwanted batteries and phones as permitted by the laws in your countries.

Battery	Capacity	Standby	Call
type		time	duration
Li-ion	1800	600	10 HRS
battery	MAH	HOURS	

**Note:** The actual operation time of a battery varies based on the operation mode, network settings and call settings.

Charge a battery according to the following steps:

- 1. Connect the charger to the connection jack of the phone in proper direction, and connect the charger to a main socket.
- 2. The phone displays "Charger Connected!" and starts charging after properly connected. The battery icon dynamically displays the charging process. In switch-off state, the phone dynamically displays the charging process.
- 3. When the battery is fully charged, the charging process stops automatically, and the battery icon indicates full grid on the screen. After the battery is fully charged, remove the charger from the phone and socket as soon as possible.

#### Note:

• After the phone has run out of battery, we recommend that you recharge the battery in time. If

you do not recharge the battery in two days, the phone may enter the slow charging mode. When you recharge the battery, there may be no display temporarily. After about 10 minutes, the charging indicator icon is displayed on the screen of the phone. If you do not recharge the battery more than two days, the battery may enter the over discharge protection state. Thus, in order to get the battery into normal charging mode quickly, we recommend that you charge the battery on an adapter to activate the battery for charging, and then charge the battery with the phone. Alternatively, you can charge the battery with the adapter.

- Do not change the parts and accessories of the battery by yourself or take off the battery cover for safety.
- Use only original batteries and charging devices. Otherwise you risk serious damage to health and property.
- The temperature range for charging a battery is -10°C to +55°C. Do not charge the battery in too high or too low temperature.
- Do not use the phone while charging.
- It takes approximately four hours to fully charge a battery. Remove the charger quickly after the battery is fully charged.
- The phone has small battery for clock operation so

after pulling out the main battery, system date and time will not be reset to default values (factory settings).

#### Memory

#### **Phone Memory**

This phone has 89.5k inbuilt memory to keep user data safe in memory. All the multimedia options access phone memory as default storage. User can change this storage option from phone memory to T-flash card memory through storage option in multimedia options.

## T-Flash card

T-Flash card is a kind of multimedia memory to keep your data safe in the memory. You can access your T-flash card memory through **File manager**.

**Note:** This phone can support 8 GB T-flash card memory, but it is recommended that to use 2 GB T-flash card memory for best performance of the phone. Some times it may hang or slow down the performance of the phone because of high memory processing by processor.

## Switching the phone on

Press and hold the end key to turn the phone on. The phone will automatically search for the network, if there is no password protection for the SIM card and the phone. After the phone is registered on the network, the name of the service provider will be displayed on the idle screen. Then you can make or answer a call.

After the phone is switched on, if a password is required, enter the correct PIN code and press the left soft key or the center key for confirmation. After unlocked, the phone will display the name of the registered network and the signal strength. Contact your network operator if you do not know the PIN code. The default password to lock/unlock phone is "0000".

After the phone is switched on, if it displays "Insert SIM Card" on the screen, press and hold the ending key to turn the phone off, and check whether the SIM card is properly inserted.

#### Switching the phone off

Press and hold the end key to turn the phone off. After the switch-off animation is displayed on the screen, the phone will be switched off.

Note: Do not attempt to turn the phone off by directly

taking out the battery.

#### 4.Text Entry

When the text editing screen is displayed, the current text input method is indicated in the upper left corner of the display. To have more options to enter text, do one of the following ways to select the desired input methods:

- Go to Settings > Phone setup > Preferred input methods.
- In text editing screen, select **Options** > **Input method**.

## 5.Calling

#### Making a call

In idle screen, enter a phone number and press the SIM calling key to make a call by SIM card.

Press the end key to end the conversation.

#### **Correcting a dialed number**

Press the right soft key to clear the last number on the display. Use direction key to select the appropriate number. Press and hold the RSK to clear all entered numbers.

#### Making a call from phone book

- 1. In idle screen, press the right soft key to enter **Phonebook list**, or enter the menu and select **Phonebook**.
- 2. Press the SIM calling key to make a call by the SIM card.

#### **Dialing a previous number from call history**

- 1. In idle screen, press the SIM calling key to display call logs of SIM. Press the up and down direction keys to select a desired number.
- 2. Press the SIM calling key to make a call by the SIM card.

#### **Dialing a speed dial number**

In idle screen, press and hold the corresponding number

(2-9) in the speed dial list to make a call, please enable the Speed dial function first. Please note that the number key 1 is reserved for the voice mail number.

To set speed dial,

- 1. Go to Phonebook > Phonebook settings > Speed dial > Enable speed dial to enable the function.
- 2. Set the speed dial numbers in Phonebook > Phonebook settings > Speed dial > Set number > Options > Edit. Select the desired number from the phonebook to make it speed dial on the specific number key

## Listening the voice mail

Press and hold number key 1 to enter directly in the Voice mail server function.

You need to set the voice mail number and store it on your SIM card. To set the number, go to **Messages** >SIM **Voice mail server**, select **Options** and then **Edit**.

#### Answering a call

- Press the calling key.
- Press the center key, or select **Options** and **Answer**.

## **Ending a call**

Press the end key to end the conversation.

## **Rejecting a call**

- Press the end key to reject the call.
- Select **Reject** by right soft key.

#### **Call options**

Press **Options** during a call for more options. Options vary depending on the current situation.

Hold single call	Hold the current call.
End single call	End the current call.

New call	Add a new call and talk with more than one party at a time.
Phonebook	Use <b>Phonebook</b> to search for numbers.
Messages	Read/write a message during a call.
DTMF	Enter tone sequences (number) for remote inquiries to an answering machine.

#### Three-SIM card dual-standby call

This phone supports three SIM cards. This is three SIM dual standby phone. Both the SIM cards are active in standby mode & connected with the network. But when there is a call on any of the SIM card the other SIM card disconnects automatically from the network. We can not connect the call on other SIM card during the call due to the limitation of single processor.

#### 6. Menus

#### 6.1File manager

## **File list**

View stored in the phone or TF card file 1 or the TF card file 2

fileStored in the phone or T card photos folder

Audio

Manage mp3,midi/mid,aac,wav music file

Stored in the phone or T card audio folder

Video

Manage mp4,3gp,camera shooting video file

Stored in the phone or T card video folder

Electronic card

## 6.2PhoneBook

The phone provides two kinds of storage media: SIM card and phone. The phone can store 300 entries. The capacity of the phone book on your SIM card depends on the type of SIM card provided by your network operator.

Enter a number in idle screen and press the OK to save the number in the phonebook. Select the storage location & edit the name of the contact. If **To SIM** is selected, you can edit the name and number only. If **To phone** is selected, you can edit the items that you set in the settings of phone book, including the name, number.

In idle screen, press the right soft key to directly access the phonebook.

The small icon on the left of the phone book list indicates whether the record is stored on the SIM card or the phone. Select an entry from the phonebook & choose the following options.

View	View the detailed information of the record.
Send text message	Send a short message to the record.
Send multimedia message	Send MMS to the selected contact.
Call	Dial the designated phone number.

Edit	Edit the options included in a phone book record.
Delete	Delete the record.
Сору	Copy the record from the current storage to the other storage.
Move	Move the record from the current storage to the other storage.
Caller groups	A caller group is the combination of phone settings used to identify a particular group of records. The phone provides five call groups: Friends, Family, VIP, Business and Others. You can manage and edit the details of caller groups.
Photobook setting	View the memory status. Set the preferred storage of new numbers. Select the items in Fields option required to be added when adding new numbers to the phone. Edit and send your own vCard. Select vCard version. Phonebook backup. Save contact notify.

## 6.3Games

#### 1.Puzzle

Start game

Game level

Best grades

Help

7.Games settings

## 6.4Call Center

## 6.4.1. Call history

In idle screen, press the calling key to directly access the call logs of the SIM card, and press calling key to directly access the dialed call logs.

## **1. SIM call history**

## **Viewing Call History**

In main menu go to Call center > Call history > SIM call history > SIM missed calls/ SIM dialed calls/ SIM received calls, to view the call logs.

Select a call from the list. When the call is displayed, press the SIM calling key to make a call from the SIM card. You can press the OK key to view the details of the call. Select **Options** for more following options.

View	View the details
Call	Dial the selected number.
Send text message	Send a short message to the record.
Send multimedia message	Send MMS to the selected contact.
Save to Phonebook	Save the selected number to the SIM card or the phone.

Edit before call	Edit before call
Delete	Delete the call history

Delete SIM call logs: Delete missed calls, dialed calls or received calls, or delete all call logs on the SIM card.

#### 6.4.2. Call settings

#### 1. SIM call setting

Call waiting	
Activate	If activated, an incoming call is signaled by a call waiting tone when you are on another call. The number/name of the incoming call is displayed.
Deactivate	Cancel the call waiting function.
Query status	Inquire the current status from the network.
> Call div	ort

Call divert

You can specify the conditions under which calls should be diverted to your voice mail box or another number.

Divert all voice calls	All calls are diverted.
Divert if unreachabl e	A call is diverted if the phone is switched off or is out of range.
Divert if no answer	A call is diverted if not answered.
Divert if busy	A call is diverted if another call is in progress.
Divert all data calls	All data calls are diverted.
Cancel all divert	Cancel all call divert settings.

## Call barring

Restrict the dialing or receiving of certain calls. To activate or cancel call barring, you have to enter the network password provided by your network operator.

Outgoin g calls	If <b>All calls</b> is activated, no calls can be made. If <b>International calls</b> are activated, no international calls can be made. If <b>International calls except to</b> <b>home PLMN</b> is activated, only local calls or calls to the home country (that is, the country to which the network operator belongs) can be made.
Incomin g calls	If <b>All calls</b> is activated, no calls can be received. If <b>When roaming</b> is activated, you may not receive calls when you are outside your home network.
Cancel all	Cancel all restrictions to calls. Password from your network operator is required.
Change barring passwor d	Change barring password. The original barring password is required.

Note: Above call settings Call waiting, Call divert & Call barring are separate for SIM card" You can switch between SIM call settings through left & right navigation key.

## Line Switching

The switch between line 1 and 2.

Note: If you choose line 2, is able to devote the phone and network operator.

## Advance settings

## 1. Auto redial

Once activated, the phone will automatically redial, if there is no answer for a number you have dialed..

## 2. Call time reminder

If activated, the phone beeps at the interval time you set during a call

## 3.Answer mode

#### 6.5Messages

The phone supports Short Messaging Service (SMS). You can send text messages and manage the messages that you sent and received.

If the memory for short messages is not full, short messages will be directly saved in the SIM card.

#### 6.5.1. Write message

Create a new short message and multimedia message.

#### 6.5.2. Inbox

Incoming short messages are saved in inbox. Press center key to view the message.

You cannot view new messages if the memory for messages is full. Delete unnecessary messages.

#### 6.5.3. Drafts

## 6.5.4. Outbox

Short messages successfully sent, not sent and to be

sent are saved here.

## 6.5.5.Sent message

## **6.5.6Delete message**

## 6.5.7.Broadcast message

Broadcast messages are messages that your network operator broadcasts to all users within a particular area, such as weather forecast and transportation conditions.

Receive mode	Enable or disable the function.
Channel settings	Select the channel of cell broadcast.
Languages	Set languages for cell broadcast information. Only information in the set language can be received.

Read message	Scroll to read broadcast messages.
	Scroll to read broadcast messages.

## 6.5.8. message settings

Set the following settings of short messages.

## MMS

#### Write MMS and Received the MMS

## 6.6 Multimedia

#### > camera

The phone supports the photographing. Pictures are saved in phone memory or T-flash card memory. The file is in the \*.jpg format. You can send the pictures taken by Bluetooth function provided by the phone.

While in camera mode, press the left soft key to set the camera. Then save the settings. Aim the camera lens at the

place/object, and then press the center key to take a photo. Keep the camera lens steady for a while for the image

### Image viewer

Browse photos, press the OK button to preview, press the left function key to view the Options

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## Video recorder

Record the video

Video player

Video player allows you to browse or play the video recording files. It only plays the file stored in video folder in memory.

## Audio player

Audio player allows you to play audio files.

The phone supports T-Flash memory card. You need to save downloaded music files to directory **my music**, so that they can be played normally.

Audio player have **List**, **Settings** & **Refresh list** option to make a playlist & player settings.

Play	Play the music files
Details	Check the details of music files
Refresh list	Update the play list.
Settings	Settings include <b>Pre. play</b> <b>list, List auto gen., Repeat</b> , <b>Shuffle, Background play</b> , and <b>lyrics display</b> .

Following are the playlist options.

## FM Radio

This option allows you to listen to FM radio. You should plug in an earphone before accessing the application.

Channel list	Edit c\hannel list.
Manual input	Input the channel manually.
Preset auto search	Set automatic searching for channels.
Settings	Set Background play, Loud speaker,

## 6.7Organizer

> Torch

Press ok key to open or close.

## Calendar

In the calendar interface, press the up and down direction keys to scroll to different weeks, and press the left

and right direction keys to scroll to different days.		
Jump to date	Enter a specific date to be located and the cursor will jump to the date quickly.	
Go to today	Go to today	
Go to weekly view	Go to weekly view	

## > Alarm

You can set five types of alarm clock time if required. Then the alarm icon will be displayed on the idle screen.

Scroll to an alarm and select **Edit** for settings. You can set whether to enable the alarm, the ring time, ring mode, audio options, snooze minutes and alert type.

World clock

> Notes

# User profiles

The phone provide seven pre-defined user profiles that allow the operations of the phone to best suit the environment you are in. The profiles are General, Meeting, Outdoor and My style .The phone will automatically enter the headset profile if you connect the headset.

► Extra

## 1. Calculator

Select into the calculator, use it can do the simple arithmetic. up, down, left, right direction keys to determine the key corresponding to the +,-, $\times$ ,  $\div$ , =. Press the right function key return to the higher interface or back. Left key can delete the input content or results.

## **6.8Settings**

## **6.8.1.Phone settings**

## 1. Time and date

Set home city	Set your time zone.
Set time/date	Set the time and the date.
Set format	Set the format for the time and the data.

2. Schedule power on/off

Set the time to power on/off the phone automatically.

**Warning:** In specific areas where the use of phone is prohibited (such as in aero planes), please remember to disable the automatic switch-on function before entering the areas to prevent unexpected accidents.

## 3. Language

# 4. Preferred input methods

Select the input method for text entry.

# **5.Display Setting**

Wallpaper	Set the standby image of the phone.
Screen saver	Set the waiting time and image for the screen saver.
Power on display	
Power off diaplay	
Show date and time	If activated, date and time are displayed on the idle screen.

5. Dedicated key

# 6. Flight mode

When you are on a flight where the use of mobile phones is prohibited, select flight mode so that the phone will not connect to any network. However, alarm and calendar reminder will remain on. You can still use the entertainment features such as audio player and camera in flight mode.

# 7. UART settings

# 8. LCD backlight

Set the time and brightness of LCD backlight. LCD backlight will be automatically off if the phone is not operated within a specific time period

# 6.8.2. Security settings

The phone provides several codes to protect your phone against misuse.

## **1. Phone Security**

If the phone lock is activated, the phone lock password is requested after the phone is switched on. The default password is "1234". If the phone is locked, only emergency calls can be made.

# 2. Auto keypad lock

Keypad lock prevents the inadvertent phone usage. However, you can still be called and you can make emergency calls.

## 6.8.3Conncetivity

## Bluetooth

Open Bluetooth: choose to open or close that functions

Bluetooth visibility: choose to show or hide the phone. When hide, it does not allow other Bluetooth devices search the phone.

Paired device: add new device, to search each other's Bluetooth name, matching connections, listing all the devices has been paired.

Shared folder settings: used to set the FTP-shared directory and shared permissions.

My Bluetooth name: used to set the name which you can change it.

Storage: set the storage location for the U disk or TF

card 1 or the TF card 2

Help: view the file.

## 2.Data account

The function is used to set account information.

# **6.8.4Restore factory settings**

Reset the phone to default values (factory settings).

The phone password is required, which is "1234" by default.

## 6.9Services

Select access to the Internet interface, press the up and down keys to select menu.

Home page: press ENTER to enter the SIM card after selecting the interface to select and open the URL parsing

Bookmark: Add a bookmark, press the left soft key to bookmark. Press the OK key to select the SIM card and then connection, select the bookmark has been added.

Recent pages: The examination had glanced over the homepage, presses the left functional key to carry on the operation to the historic record; Presses the definite key choice "the connection", the choice current chooses the record homepage to carry on the operation.

Input address: press the OK key to access the editing interface, enter the URL to confirm, enter the SIM card selection interface, select the SIM card after parsing and open the corresponding Web site.

Service inbox:

Setting:

Brower options:

Service messages settings:

Clear cache:

Clear cookies:

Note: in the Internet Options menu in the bottom part of the window, you can refresh the page, forward, backward, Favorites, set up a home page, viewing history, save the file and exit your browser.

### FCC RF EXPOSURE INFORMATION:

#### WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Outer FCC ID SG71202HG-M306 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 attachments 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.

### **BODY-WORN OPERATION:**

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories

that cannot maintain 1.5cm separation distance between the user's body and the back of the phone, and have not been tested

for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

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

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

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

#### NORMAL POSITION:

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

### **TIPS ON EFFICIENT OPERATION:**

For your phone to operate most efficiently:

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

### Vehicle mounted external antenna (Optional, if available))

A minimum separation distance of 7.9 inches (20cm) must be maintained between the user / by stander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

#### **RF Exposure Information:**

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is 0.733W/kg, next to the head is 0.739W/kg. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: 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

Do not use the device with the environment which below minimum -10  $^\circ\!\!\!C$  or maximum over 50  $^\circ\!\!\!C$  , the device may not work.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.