

User Manual

Brand: BESS
Model: VZ219
FCC ID:ZE6-VZ219

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1 Preface

Thank you very much for your choice of this product designed by our company!

Our product complies with the Telecommunication industries standards of People's Republic of China, US and Europe. The wireless device described in this guide is approved for use on the GSM network. GSM network is a global cellular communication system of international standards. Allow you to receive an international telephone call used as in your homeland. However, before using these advanced network functions, you must firstly apply for these required services.

In order to better use your device, we suggest that you carefully read this guide to know all the functions well.

Note: Due to the cellular network settings and the services provided, some functions may be unavailable. For more information, please contact your service provider.

2 Safety

Read these concise guidelines. Not following them may be dangerous or illegal.

ROAD SAFETY

Always keep your hands free to operate the vehicle while driving. Park your vehicle safely before using your device.

SWITCH OFF OR USE FLIGHT MODE IN AIRCRAFT

Wireless devices can cause interference in aircraft. Using them in aircraft is both dangerous and illegal.

Switch off your device or switch to flight mode before on board.

SWITCH OFF IN HOSPITALS

Follow relevant regulations or rules. Switch your device off near medical equipment.

SWITCH OFF WHEN REFUELING

Switch off your device at a refueling point or near fuels or chemicals.

SWITCH OFF NEAR BLASTING

Don't use your device where blasting is in progress. Observe restrictions, and follow any regulations or rules.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect the performance.

USE PROPERLY

Use in the normal position explained in the product documentation. Don't touch the antenna unnecessarily.

ACCESSORIES AND BATTERIES

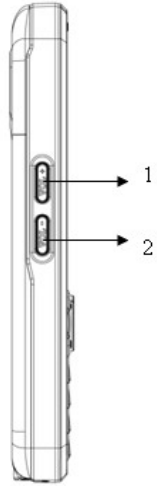
Use only the approved accessories and batteries. Do not connect to incompatible products.

EMERGENCY CALLS

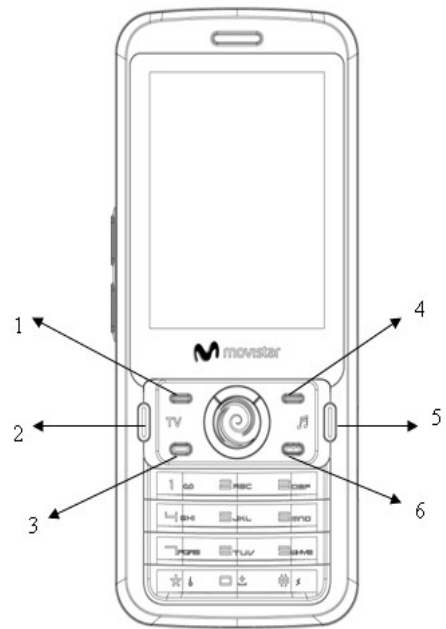
Ensure the phone is switched on and in service. Enter the emergency number, and then press the talk key. Give your location. Do not end the call without permission.

3 About your device

3.1 Appearance




1 up side key
2 down side










1. Left soft key
2. TV key
3. Call key
4. Right soft key
5. Music key
6. End\power key


3.2 Keys instruction

Notice: In this user guide, when we say "Press", the "Press" means "click the key then release". "Press and hold" or "long press" means the key is kept pressed for two or more seconds.






Keys	Descriptions
 Direction key	Center key means OK Up key: User profiles Down key: Alarm












 Talk key	Press it to make a call or answer a call.
	It depends on the display text above it.
	It depends on the display text above it.
 End key	Press it to end the current call; Return from any menu to standby mode; Long press to power your device on or off;



 TV key	At the standby mode, press it to enterTV
 Music key	At the standby mode, press it to enter audio player
 Up side key	Press the up key to volume up.

 <p>Down side key</p>	<p>Press the down key to volume down.</p>
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3.3 Icons

Icons	Descriptions
	<p>Show the SIM1's current network signal level.</p>
	<p>Show the SIM2's current network signal level.</p>
	<p>Show the power level of Battery 1.</p>
	<p>Show the power level of Battery 2.</p>
	<p>You have unread SMS in SIM1.</p>

	You have unread SMS in SIM2.
	You have unread MMS in SIM1.
	You have unread MMS in SIM2.
	You have missed calls in SIM1.
	You have missed calls in SIM2.
	Alarm is set on.
	The headset is plugged in.
	In Profiles, Alert type is set as Ring only.
	In Profiles, Alert type is set as Vibration only.
	In Profiles, Alert type is set as Vibra and Ring.
	In Profiles, Alert type is set as Vibra

	then Ring.
	Bluetooth is powered on.
	The keypad is locked.

4 Getting started

4.1 Battery

Please use the approved batteries, and only use the battery charger approved by the device producer to charge your battery.

4.1.1 Install &remove battery

Remove: (1)Remove the back cover of the device by pushing downwards;

(2)Uplift the battery from its slot and take it out.

Install: (1)Match the metal contacts of battery separately with the battery compartment metal contacts, and put the battery base into the slot;

(2) Slide the back cover toward the top of the phone to lock the cover into its place.

4.1.2 Charging

Connect the charger to a power supply, and then plug in the charger pin to the charger jack on the right side. Charger animation will be displayed if the device is powered off. When it is powered on, the power status icon at the top right corner of the screen will blink circularly.

Disconnect the charger from handset and power supply when battery is full.

Notice:

1 During charging, don't remove or move the battery to prevent the battery circuit from burning out.

2 During charging, it is normal that the phone and charger will become heated.

3 If the battery is completely empty, it may take a period of time before the charging icon appears on the screen.

4.2 SIM card installation

Keep the metallic face of a SIM card downward, and slide it gently to the position of SIM card.

To remove a SIM card, please power off your device first, remove the battery and slide the card out gently.

4.3 Memory card installation

Keep the metallic face of a memory card downward, and slide it gently to the position of Memory card.

To remove Memory card, please remove the back cover first and slide the memory card out gently. When the device is powered on, Memory card supports hot-plug.

4.4 Headset

Insert the headset into the headset jack on the right side of the device if required.

4.5 File manager

File manager is used to manage the phone and the memory cards respectively.

1. Connect to a computer

The USB function of the device is available, no matter the device is powered on or off.

While the device is powered off, it will start charging and open File manager after the USB cable is plugged in. When the device is powered on, it will enter the "USB Config" interface automatically after the USB cable is plugged in. In the interface, select "Mass storage" to start File manager. If your memory cards are inserted, the computer will pop up removal disks, respectively representing your device and memory cards.

After you enter, you will find some preset files or folders. For the sake of normal use, please put related files into relevant directories, that is, videos into Videos, photos into Photos, e-books into E-book, records into Audio and Bluetooth received into Received. After the operation is completed, if you

want to exit, click the USB icon on the lower right side of the PC desktop, select to stop the USB devices, and remove them after the pop-up warning "USB devices can be removed now" appears.

2. Format

If you format Phone or Memory card, all files in it will be deleted. You can format Phone or Memory card in two ways:

Use the phone to format directly.

Steps: Select File manager > Memory card/Phone > Format.

Use PC to format

To better complete the formatting, please follow the following steps:

- (1) Right click My computer to select Manage > Storage >Disk management;
- (2) Right click the disk of a memory card, and select Format.
- (3) In Allocation Unit Size, select Default and then confirm.

4.6 PC Camera

You can use the device as a PC camera.

For the first use, you may be required to install a driver. If you are using Windows XP, there is no need to install the driver. Follow these steps below:

1. Plug in the USB cable when the device is powered on. The device will turn to USB Config automatically;

2. Select "Webcam". The screen will display the picture captured by camera;

To exit PC camera, close web camera on your PC first, and then unplug the USB cable. Don't plug the cable directly.

4.7 Power on and off

Press and hold the End key to switch your device on/off.

If SIM lock or Phone lock is activated, please enter the password as required.

5 Call functions

5.1 Make a call

When the sign of a network operator appears on the idle screen, you can make or answer calls.

5.1.1 Make a domestic call

Enter a phone number, including the area code if you are calling a fixed phone number (excluding local numbers). Press Talk key to make a call via your desired SIM card.

5.1.2 Make an extension call

When making an extension call, you can press * key to switch until the extension prefix "P" appears. After a

switchboard number is dialed, the device will pause automatically for a few seconds then dial your desired extension number. Input the following one by one: Area code –Switchboard number – P – Extension number. Then press Call key to make a call via your desired SIM card.

5.1.3 Make an international call

Enter the country code, the area code and the phone number. Press Call key to make a call via your selected SIM card. "+" is required when you enter the country code. You can press 0 key to switch until + appears. When you are making a call to Hong Kong, Macao or Taiwan, it's the same method.

5.1.4 Make a call from Phonebook

Access Phonebook to select a desired phone number, and press Call key to make a call via your desired SIM card.

5.1.5 Redial a call by Call history

Access Call history, scroll to a desired number or name, and press Call key to make a call via your desired SIM card.

5.2 Answer a call

When there is an incoming call, there will be reminding information of the corresponding SIM card. The caller's name or number will appear in the screen

if you have activated the Caller ID Display service. At this time, you can press Call key to answer it.

If an incoming call arrives during your operation in sub window, a new window will pop up to inform you and your operation will be interrupted. If you miss it, when you return to the standby screen, you will be reminded that there is a missed call.

5.3 Call options

During a call, you can press the left soft key to enter Call options. The options differ according to your call status. Here below are a few of them: Hold single call, End single call, New call, Phonebook, Messages, Sound recorder, Multiparty call etc. Hold single call, New call and Multiparty call need supports of network.

6 Text entry

During use, you will be required to input texts time and time again. You can input texts, letters, numbers or symbols (including punctuations).

6.1 Switch input methods

In any Text Editor, press # key to switch input methods.

6.2 Smart English input method

Switch to Smart ABC or Smart abc.

Press number keys to input letters continuously and select a desired word to smartly input.

6.3 English input method

Switch to Multitap ABC or Multitap abc.

Following the sequence of letters on a key, you can press the key once to insert the first letter on the key, twice for the second letter, etc., until the highlight is on your desired letter. Then release the key to input it.

6.4 Smart input method

Switch to Smart uppercase or Smart lowercase.

Press number keys to input letters continuously and select a desired word to smartly input.

6.5 Multitap input method

Switch to Multitap uppercase or Multitap lowercase.

Following the sequence of letters on a key, you can press the key once to insert the first letter on the key, twice for the second letter, etc., until the highlight is on your desired letter. Then release the key to input it.

6.6 Input punctuations and symbols

No matter what input method you are using, press * key to display a list of punctuations and symbols for you to select.

6.7 Input space

No matter what input method you are using, press 0 key to input a space.

6.8 Input numbers

Switch to Numeric input method. Directly press the number keys to input numbers

7 Menu operation

7.1 Access menus

You can press the left soft key to view menus of all levels.

7.2 Access shortcuts

At the standby mode, press direction key to open dedicated function menu.

8 Menu functions

8.1 Call history

Select Call history to view recent calls, including All calls, Missed calls, Received calls, Dialed calls, Call duration, Call cost, SMS counter and GPRS counter
Delete call list, Call setup.

8.2 STK

This function is provided by network providers. If your SIM card and network provider don't support it, this function will be unavailable. For more information, please contact your network provider.

8.3 Entertainment

8.3.1 Java

In Java, you can view installed software packages in your device. You can view details of installed applications, delete applications or customize installation settings. The extension names of Java-based J2ME applications are .jad or .jar. In the device, you can only install compatible applications.

To install an application:

Select a .jar or .jad file in File manager. Select Install, and then select an installation path to install the application successfully. During installation, you can see an installation progress bar.

Run the installed application:

After the installation, the device will ask you whether to launch the application immediately or run it from Java of Main menu.

Remove an installed application:

Select Java from Main menu. Select a desired application. Press Options to select Delete and then Yes to confirm.

Java Application Network Settings:

After a Java application is installed, you can directly use the preset GPRS to establish connections.

8.3.2 Games

8.4 Multimedia

8.4.1 Camera

After you enter photo-taking mode, you can view the captured picture through the screen; at the same time, in the preview status, you can press **Left soft key** to conduct the following settings and set detailed parameters: **Photos, Camera settings, Image settings, White balance, Scene mode, Effect settings, Storage, Restore default**. After all settings are done, press **Center key** to capture.

8.4.2 Free air TV

8.4.3 Music player

Access this function to play your favorite mp3 songs.

In the player interface, press up key to play/pause.

Press the left/right key to switch to another song.

Press the up/down side key to volume up/down.

Press Options to display the following menus:

Play: Play song.

Refresh list: refresh songs list..

Settings: Pre.playlist, list auto gen., repeat, shuffle, background play, bluetooth settings

Note: You should manually update your songs when needed, in playlist, you can select options to play, see detail, use as ringtone.

8.4.4 Photo album

In image viewer, you can select a photo to View, Send to Wallpaper, Rename, Delete etc. Whether your operation can be done successfully is subject to such factors as the screen size etc;

In addition, when viewing an image, you can press the left/right key to switch to the previous/next and press “3” to rotate.

8.4.5 Video recorder

Enter Video recorder to see video preview interface.

Press **Options** to see a recorder Options menu, including **Camcorder settings, Video settings, White balance, Effect settings, Storage and Restore default.**

After configuration, tap the **record** icon to start or pause. When the recording is completed, press center key, press RSK to stop recording. You will be reminded to save the video clip.

8.4.6 Video player

Enter Video player to select your favorite video clip to play. The device supports MP4 and 3GP. And partially supports AVI. While playing, you can press the left/right key to control the playing progress, press the up/down key to adjust the volume, press the left soft key or * key to switch to full screen or return

Notes:

8.4.7 Sound recorder

Storage and File format of sound clips can be set here.

You can either record or listen to your own sound clips. And you can even add sound clips to ringtone list

8.4.8 FM radio

In the FM radio interface, you can customize Settings, enter Channel list, Turn on/off or switch to another channel.

Player interface:

Press the up/down key to volume up/down, press the center key to stop/pause, press the left/right key to switch to another channel ($\pm 0.1\text{MHz}$).

Stations: Display the names and numbers of channels that are saved.

Set frequency: Enter the FM frequency manually.

Auto search: Search all channels available and save them in the channel list automatically.

Settings: You can activate or deactivate background play (FM is active while you are operating in other interfaces) and FM loud speaker.

8.4.9 FM radio recorder

You can configure the record Time & date, Channel settings and Record settings.

8.5 Phonebook

After you enter Phonebook, you can search contact, add new contact, quick search, caller groups, speed dial, extra numbers, phonebook setup, and blacklist.

8.6 Messages

8.6.1 Messaging

8.6.1.1 Write message

Access this menu to edit and send message. When you are writing a message, you can Insert template, Insert number or Insert name. After a message is completed, you can select to use SIM 1 or SIM 2 to send or save it.

8.6.1.2 Inbox

View all the received messages.

When there is a new message in SIM1 or SIM2, the device will play the preset message tone and the corresponding unread message icon will also appear on top of the screen. You can select to tap and view the new message, or access Inbox to read.

After the message is read, press Options to Reply, Call sender, Forward, Delete etc.

8.6.1.3 Outbox

In Outbox, you can view the saved messages. You can select one to Resend, Edit or Delete.

8.6.1.4 Drafts

In Drafts, you can view the uncompleted and saved messages. You can select one to Send, Edit or Delete.

8.6.1.5 Templates

There are 10 predefined templates in the device. You can edit or use them.

8.6.1.6 Memory status

8.6.1.7 Message setup

Access this menu to configure the following settings of SIM card: Profile settings, Common settings, Preferred Status and Preferred connection.

8.6.2 Voicemail server

Enter Voicemail server to set the voicemail numbers of SIM card operators. Dial either number to listen to voice messages in the voice mailbox. This function needs supports of network operators.

8.6.3 Broadcast message

Broadcast message is the public information sent by network operators. Using broadcast message services, you can receive messages of various topics from you network operator, for example, weather, taxi, hospital etc. For topics available, please contact your local network provider.

8.6.4 MMS

This function needs the support of network operators. Before use, please confirm that your SIM supports this function or consult related network operators for more details.

8.7 Extra

8.7.1 Calendar

In this function, you can view calendar at any time. You can click to view other dates.

8.7.2 To do list

Display the schedules of today and future. In Options, you can View, Add, Edit, Delete, Delete all or Send.

8.7.3 Alarm

You can set 5 alarms at most. And alarm is still active when you power the device off. In the list of Alarm, select one alarm. You can configure these settings: Status, Time, Alert type, Snooze etc.

8.7.4 World clock

In a map, you can view the current time of different cities around the world.

8.7.5 Stopwatch

8.7.6 Calculator

The device can be used as a calculator to do some simple arithmetic work.

8.7.7 Unit converter

8.7.8 Health

8.7.9 Ebook reader

In this function, you can view texts in .txt. During viewing, you can Search, Jump, Add bookmark, Go to bookmark, Delete bookmark, Full screen etc.

8.8 Mcontents

8.8.1 Homepage

8.8.2 Bookmarks

8.8.3 Recent pages

8.8.4 Input address

8.8.5 Service in box

8.8.6 Settings

8.9 Settings

8.9.1 Phone setup

In Phone settings, you can configure the settings below: Schedule power on/off, Language, Pref.Input methods, Navigation key, Auto update of date and time, Flight mode, Misc settings.

8.9.2 Sound profiles

The device provides you with several profiles so that you can customize the following settings to meet your different needs: ringtone, volume, alert type, ring type,

prompt tone and answer mode. The profiles available are General, Meeting, Indoor, Outdoor, Headset and Bluetooth.

8.9.3 Display setup

8.9.4 Call setup

—Caller ID

Three options are available: Set by network, Hide ID and Send ID.

—Call waiting

If the network supports, during calling, the network will remind you of a new incoming. You can hold the current incoming and answer the other one.

To make this function available, please contact local network operator.

—Call divert

Call divert is a network function. With this function, an incoming can be diverted to another phone number or voice mailbox, avoiding missing it.

There are several diverts available: Divert all voice calls, Divert if unreachable, Divert if no answer, Divert if busy, Divert all data calls, and Cancel all (diverts).

—Call barring

If the network supports, this function will enable you to restrict the incoming or outgoing calls.

—Line switching

In Line switching, you can switch between Line 1 and Line 2.

Notice: If Line 2 is selected, whether you can make a successful call depends on your network operator.

—Closed user group

You can close user group settings in this menu.

8.9.5 Phonebook setup

8.9.6 Time and date

8.9.7 Connectivity setup

8.9.8 Security setup

8.9.8.1 SIM1 lock

This option makes you select whether to use PIN code or not. The preset PIN code is 1234. After three

consecutive incorrect PIN code entries, the code will be locked, and you need the PUK code to unlock it. If you have activated SIM lock, you are required to input the PIN code each time you power the device on to use the locked SIM card.

8.9.8.2 Phone lock

Phone lock can be activated to avoid unauthorized use.

If you have activated Phone lock, you will be required to input the password each time you power the device on.

8.9.8.3 Auto keypad lock

Auto keypad lock can prevent from unintentional operations on keypad.

At the standby mode, press left key +* to lock the keypad. When the keypad is locked, you can press left key +* to unlock the keypad

—Change password

You can change phone lock password here.

8.9.8.4 Fixed dial

If your SIM supports fixed dial, it can restrict you so that you can only call the fixed numbers in fixed dial list.

Note: To activate or deactivate fixed dial, you are required to input PIN2 code. Please contact your network provider for PIN2 code.

8.9.8.5 Barred dial

If your SIM supports barred dial, it can forbid you to dial the selected numbers. When the function is

activated, you cannot use the device to dial any number in the list of barred dial.

Note: To activate or deactivate barred dial, you are required to input PIN2 code. Please contact your network provider for PIN2 code. If you activate barred dial, the numbers in the list of barred dial will not be displayed in Phonebook.

8.9.8.6 Change password

You can change PIN code and PIN2 code here.

For SIM2 security setup, please refer to SIM1 security setup.

8.9.9 Bluetooth

The device supports Bluetooth. You can establish connections between the device and other devices (Bluetooth headset, PC or handheld Bluetooth device etc) to realize voice calls, data exchange, data synchronization etc. Settings are as follows:

- Power:** Activate or deactivate Bluetooth.
- Visibility:** Set whether Bluetooth of the device can be found or not.
- My device:** Display the current or once connected device, and inquiry new ones.
- Search audio device:** Search for a Bluetooth handset and pair them.
- My name:** Display online bluetooth devices

— **Advanced:** Advanced settings of Bluetooth, as follows:

Audio path: Change sound output device.

Storage: Set the default storage path of received files.

Sharing permission: Set the shared directory and limits of authority.

8.9.10 File manager

This enables you to view multimedia files in the device and memory cards. You can also select one to View, Rename, Copy, Delete etc.

*Notice: Before formatting, please back up important files to avoid data loss due to formatting.

8.9.11 Network settings

In this function, you can configure network settings, including Network selection and preferred networks.

8.9.12 Factory reset

In this menu, when you input phone lock password and confirm, related parameters will be restored to factory settings.

The preset password is 0000.

9 Battery information

9.1 Operation information

Your device is powered by a rechargeable battery.

The battery can be charged and discharged hundreds of times but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, please buy a new battery.

Use only the approved batteries, and recharge your battery only with approved chargers designated for this device.

Unplug the charger from the electrical plug and the device when not in use. Do not leave the battery connected to a charger. Overcharging may shorten its

lifetime. If left unused, a fully charged battery will lose its charge over time.

9.2 Notice information

Do not drop, knock, or shake the device. Rough handling can shorten the life of the battery.

Do not make short-circuit occur to the battery.

The battery put in hot or cold places, such as in a closed car in summer or winter, will reduce the capacity and lifetime of the battery.

Do not put the battery near flammable or explosive goods. Do not dispose of batteries in a fire!

Never use any charger or battery that is damaged.

Use the battery only for its intended purpose.

Dispose of batteries according to local regulations.
Please recycle when possible. Do not dispose as household waste.

10 Appendix

10.1 Appendix 1: Simple Trouble Shooting

In operating your phone, if any abnormality, please restore the factory settings at first and refer to the simple solutions below. If it still can not be solved, please contact the distributor or service provider.

Common Faults	Reasons	Solutions
In touching screen, your phone cannot respond quickly	Touch screen is not calibrated properly	Please calibrate the screen

SIM card error	SIM card is damaged	Please contact your network service provider
	SIM card is not installed properly	Check SIM card
	The metal surface of SIM card is dirty	Wipe it with clean cloth
Poor reception	Use phone in the area of poor reception, such as high buildings nearby or basement, so wireless radio is unable to reach efficiently	Please move to a position with strong signal to answer or make a call
	Use phone when network is busy, resulting in line congestion, so you fail to make a call	Try to avoid using phone during line congestion as possible as you can
Failure of power-on	The battery power is run down	charge your battery
Failure of making a call	Having used call barring	Cancel call barring

Failure of connecting to network	SIM card is invalid	Please contact your network service provider
	Exceed the GSM service area	Please move to the network provider's service area
	Weak signal	Please move to a place with strong signal and try again
Failure of charging	The voltage is inconsistent with the range marked on charger	Please use the voltage consistent with that marked on charger
	Use non-standard charger	Please use the charger specially designed for your phone
	Poor contact	Check if the plug is connected properly

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body is **1.35W/kg**, next to the head is **1.48 W/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

Use the Mobile Phone within the temperature range of -10 C to 50 C

Warning:

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.

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 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 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 Commission (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 / bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.