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# 1. Foreword

Thanks for choosing L009 mobile phone.

Our technology based on people-oriented design concept, brings you the completely new L009. L009 has a small body of great intelligence with the stunning image and high-tech connotations. The Internet in hand, unlimited wonderful. Demonstrate personality, and form its own faction. It will lead you into the realm of communication even more colorful.

L009 has 65K pixels screen, will make the picture more colorful, more clear, more lively. Meantime 300K pixels camera, support high quality picture, bring you refreshing sensory experience.

In order to better use your mobile phone, we recommend that you carefully read the instructions in order to fully use the instructions presented in a variety of functions.

# 2. General Notices

Please refer to these simple rules. In violation of these rules may result in dangerous or illegal. This manual provides information on security matters for more detail.

### Safely power on

At the place that mobile is forbidden, or will cause interfere and dangerous, please don't use your phone.

### Traffic safety first

Please don't use your phone while driving, lest disturb safety driving.

#### Interfere

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

### In hospital, power off

Please comply with any relevant restrictions, near medical equipment , please power off you phone.

### In flight, power off

Please comply with any relevant restrictions. The mobile will interfere the plane.

#### In oil station, power off

Avoid using you phone in oil station, at near fuel or chemicals please don't use your phone.

# Near explosive place, power off

Please comply with any relevant restrictions. Please use your phone at the place where the exploration is operated.

# **Right Use**

As the product file show, phone only can be used at the right position. If no necessary , please don't touch the antenna area.

### **Use the Right Maintain Service**

Only the qualified Maintenance personnel, can install or repair the mobile.

### **Accessory and battery**

Please use the battery and charger that this company specified, Please don't connect incompatible products.

# Waterproof

Please keep dry, the mobile isn't waterproof.

### Back up

Keep this in mind that back up all important information stored in mobile or keep a hand-written records.

# **Connect with other equipment**

Connect with other equipment, please read the device's user guide for detailed safety precautions. Do not connect incompatible products.

# 3 Before Using

# 3.1 The functions and descriptions of every part

# 3.1.1 the handset appearance

# 3.1.2 Side Key Introduction

Your mobile side key has easy using function, in a time, if user don't do any operations, the mobile will auto shut off the background light. While the background light off, you can press left side key to light the background.

While calling, press left side key can adjust the volume of headphone.

When have incoming call, press side key can increase the ring volume, press the side lower key can change to mute mode.

In music player interface, play or pause, press side key can adjust the volume of music play, while the button adjusting, the volume icon on the player face will changed together.

#### 3.1.3 Icon

antennal icon, the signal strength, the more line, the stronger the signal.

capacity of power, the less of the bar, shows the electricity shortage

new message

clock alarm

ring style

vibration style

vibrate then ring

vibrate while ring

keypad lock

earphone

call forward

GPRS link

wireless network

# 3.1.4 Install and Disassemble Battery

Follow the steps below to disassemble:

- 1. take the battery cover off 2. take battery bottom upwards and take out from battery box. Follow the steps below to install:
- 1. Align the metal contacts of the battery and the battery compartment, insert the battery into the battery compartment.
  - 2.install the battery cover, insert it into the phone.

# 3.1.5 Charge of Battery

Connect the power supply with the charger.

Insert the interface of the charger into the handset right side.

Here a charging symbol is circulatory twinkling on the right-up of the screen icon zone; if the handset has been turned off when charging, the picture of charging indication will still appear on the screen, indicating the handset is being charged. If the handset is still overused when a shortage

of electricity is for it, it may take some time to display the charge icon on the screen after the charge.

The charge has been completed if the indication symbol of electric capacity on the screen icon zone shows full and not twinkling. If the charge is going when the handset is turned off, the completed picture of charge will be shown on the screen. Charging process normally takes several hours. During the charge, the battery, charger and handset will become hot, as is normal.

After the recharge is completed, disconnect the AC power supply with the charger and the handset. \* **Note**:

- ✓ The charging condition must be in an ambient temperature of +5°C to +40°C with ventilation, and the chargers provided by the manufacturers must be used. Unauthorized use of the charger may be dangerous, and it will also violate the warranty provisions of manufacturers.
- ✓ When the handset automatic shuts down or "electricity shortage" is warned due to electricity shortage, the battery should be timely charged. If the battery is not used up before it is rechargeable, the handset will automatically reduce charging time.
- ✓ The standby and call time of handsets provided by the manufacturers are based on the ideal working environment. In practical use, the working hours of the battery will vary with the different networks, working environments and use patterns.
- ✓ Please be sure that the battery is installed correctly when charging, and do not take the battery out of it when charging.
- ✓ After charging, please disconnect the charger with the mobile phone and the power supply.
- ✓ If you do not disconnect the charger with the mobile phone and the power supply, the battery power exhausts to some extend for a rather long time (about 5~8 hours), and the mobile phone begins to be recharged. We recommend you not do this, because this will bring some effects on the performance and life of your battery.

### 3.2 Connect with Network

# **3.2.1 SIM card**

You must first insert an effective SIM card before using your handset. Your SIM card is the key for you enter into the digital GSM network.

All the relevant information with the establishment of network linking and your initialization of call records are recorded in the planar metal region of the SIM card, together with the names, telephone numbers and SMS stored and received in Phonebook of your SIM card. SIM card can be taken out of your handset, and used by any arbitrary GSM phone (a new handset automatically reads SIM card).

To prevent the information in the card from losing and being damaged, it should avoid touching the metal planar region, and keep the SIM card away from the electric and magnetic places. Once the SIM card is damaged, you will not be able to enter the GSM network.

\* Warning: The handset must be switched off before SIM card is removed. It is absolutely forbidden to insert or remove the SIM card when the external power supply is connected, otherwise the SIM card may be damaged.

### 3.2.2 Insert and remove SIM card

SIM card generally is inserted into a card bag and it must be carefully taken out before installing it.

Switch off the handset and remove the battery and other external power source.

insert the SIM card into SIM card slot.

When you need to remove the SIM card, please turn off the phone, take the battery away and then take the SIM card out of the SIM card slot.

The operations of sub-card is the same as main card.

### 3.2.3 Power on/off the Phone

If you open the phone, please long press the hang up key and if you want to close the phone,

please long press the key.

If you first open the phone, there is no SIM card inserted, the phone will reminder you to insert a SIM card. After inserting the SIM card, the phone will test automatically whether the SIM card is available. At here, insert SIM card means insert main card in card slot, if you insert a vice card, thus the mobile will not test if the SIM card is available.

Then the reminders will appear on the screen under the following orders:

Enter PIN1--if you set the password for SIM card.

Enter handset password--if you set the password for unlocking the phone.

Search network—the mobile will search network, until find a suitable one.

#### 3.2.4 SIM card unlock

To prevent your SIM card from being illegally used , SIM card use PIN1 (Personal Identification Number) code encryption to protect. When choosing the function, every time you open your phone, you must input PIN1 code, and you can unlock SIM card and use the phone. You also can remove SIM protection ( see 'safety setting'), in this case, SIM card can prevent illegal used.

Press hang up key to power on your phone.

Input PIN1 code, press right soft key to clear error, press confirm to finish. For example, if PIN1 code is set as 1234, then input as below:

1234

if PIN code is input continuously incorrectly to three times, the SIM card will be locked, when, you need PUK1 code to unlock SIM card. If you don't know PUK1 code, please contact your network supplier.

#### 3.2.5 Phone Lock

In order to prevent illegal usage, you can set password in your mobile phone. Once this function is chose, each time you power on your phone, you must input phone password, and you can unlock the phone only by this way, and then send or answer the call. Users can remove phone password, in this case, the phone can not prevent illegal usage.

Input the mobile phone password, use the right soft key to clean error input, and press confirm to finish it.

For example, if the password of mobile phone is set to be 1122, input 1122.

\* The default password is '1122', please change the password to your own as quick as possible, Suppose that you forgot your phone password, you must contact with your retailer or local authorized maintenance center to unlock your password.

# 3.2.6 Connect to the Network

After the SIM card is decrypted successfully, the phone can automatically search the available network (the searching network is displayed on the screen). Once contacted, the network supplier's name will appear on the center of the screen. At this time the handset enters standby status normally and can be used to call and receive calls.

\* Note: "Only for Emergency" is reminded on the screen, as means that your handset is out of the normal network coverage (service range), but you still can give an emergency call according to signal intensity.

# 4. Normal Function Introduction

# 4.1 Dial Phone Number

When the network supplier's signs appear on the screen, you can call or answer the telephone. The information bar on the upper left corner of the screen shows the network signal strength. (there are five information bars means that the strongest signal) Call quality is impacted more by the barrier, and so your handset is moved in a small area, as will be able to effectively improve the call quality.

# 4.1.1 Dial Domestic Phone Number

Input telephone numbers with the numeric key and then press dial key to begin calling. If you need to change the telephone numbers, please press the right soft key to delete characters. The

screen will display the called animation while dialing. After the other side picks up, the screen will show the called status information, and if you open the tone, there will be a tone (be subjected to network support).

After the call ends, press the **hang up key** to hang up.

Zone number + Phone number + Dialing Key

#### 4.1.2 Dial Fixed Extension Phone Number:

Some fixed extension can not be directly called; you need to first get through the telephone exchange and then dial the extension. When you input the phone number, insert the symbol "P" between the telephone exchange number and the extension number, the phone will complete all your dial-up, automatically dial the extension. The method of inputting "P" is to long press \* key (here symbol "P" is displayed on the screen).

Zone number + Telephone exchange number + P + Extension number + Dial key

In standby status, input zone number ( if you want to dial long distance call) and telephone number, then press "dial" key, if you want to dial the extension number, please input: the telephone exchange number + P +extension number or exchange number + W +extension number, and it will auto dial the extension number. Long press "\*" key , you can input "P", short press "\*" two times, and you can input "W", P indicate pause 3 seconds then auto dial extension number, W indicate that you must press dial key to confirm the extension number.

Note: press the right soft key to delete the last input letter; long press to delete all.

#### 4.1.3 Dial International Call Number:

To make an international call, you can not long press \* key until the prefix symbol "+" of the international long-distance telephone number is displayed. This will allow you to dial any national telephone call even if you do not know the prefix of the local international telephone number (for example, it is 00 for China).

Input the prefix and then input the country code and the whole phone number you want to call. Country code complies with the usual practice, Germany 49, Britain 44, Sweden 46 and so on

"0" ahead of the city code should be removed when dialing, as is the same as to call a usual international telephone.

For example, to call a hotline from other countries, you should dial:

- +86 21 114
- + Country code + Whole phone number + Dial key

# 4.1.4 Dial phone in call list

The numbers you dialed out and received are all saved in a list in you phone, recent dialed and received number showed in the first. Every number is classified by dialed, received and missed.

View dialed number, press dial key.

# 4.1.5 Emergency Call

If you stand within the network coverage (to check the indication bar about the network signal intensity on the upper left corner of the screen), you should be able to call for the emergency service (even in the absence of SIM card, you can call for emergency). If your network suppliers don't have provided roaming services in the region, the screen will show "Only for EMERGENCY", indicating you can only do such a call.

### 4.1.5.1 Answering call

Under normal mode, when there are calls via press answer key to answer. If any key answering is set to open, can press any key and answer a call. If a headphone has inserted, you can also use the headset button for the call. If it is inconvenient for you to press keys, you can set the automatic answering to open, and the headset has been inserted, moreover, the phone is

automatically connected after the ring or the shake lasts five seconds.

### 4.1.5.2 Call Record

Your phone can store recent call record and all call time since you use the phone.

# 4.1.5.3 Menu in Calling

In calling case, press option key and then enter calling menu. The operation methods of calling menu and function menu are the same.

This call can only be seen during the course of calling, and functions such as **call waiting**, **call hold**, **multi-conference** need the support of network, please contact your network supplier.

In calling menu, you can implement the following operations:

pause

Hold the current call or resume the hold call.

end

End current call.

New call

Dial a new number.

Phone Book

Enter browsing phone book status.

**SMS** 

Enter SMS menu.

Record

Record call voice.

Mute/resumption

Do not send (or send) the local voice.

**DTMF** 

Press left soft key open or close DTMF.

Multi-Call

Switch

exchange the holder with the active counterpart.

Conference

begin teleconference.

Call Transfer

transfer the current call to other phone.

Finish Single Line

finish the current active call.

All Over

finish this call.

Phone Book

enter phone book menu.

**SMS** 

enter SMS menu

Recording

record voice.

Mute/Resumption

don't send/recover local voice.

**DTMF** 

turn on/off DTMF.

\*Note: some menu options only happen under some specific circumstances. Such as: "Switch" only happens when there exists the calling and pending call at the same time.

### 4.2 Function Menu

The use of function menu.

### 4.2.1 Scroll Search and Select Function

In standby status, press menu enter function main menu, or press middle navigation key to enter function menu.

In all main menu or submenu, press up/down key scroll to the function needed, press left soft

key enter the function option, press right soft key to return current menu.

### 4.2.2 Exit Menu

In function menu , in ordinary, you can press right soft key to exit a menu. Press hang up key return to standby interface.

# **5. Structure of Function Menu**

# 5.1 The default structure of function menu as below:

# The first page:

Phonebook

Quickly Search

Find contacts

Add contacts

Copy all

Delete

Incoming call group

Other number

Phonebook setting

Full Screen Caller

Incoming call ring

Incoming video

# Message

**SMS** 

**MMS** 

Chat

Email

Voice mail

Broadcast

### Call center

Mobile TV

Multi media

Album

Photo editor

AB repetition

Record

FM timing record

Self edit ring

slide

wireless network

**JAVA** 

UCweb

Opera mini

# The second page:

Camera

Music player

Video recorder

Video player

FM radio

Setting

Mode setting

Screen adjust

Phone setting

Network setting

Safety setting

Restore the factory setting
Sound effect
3D Sensor
Profile
Standard
Meeting
Outdoor
Indoor
Headset
Bluetooth

MSN QQ

# The third page:

Extra

Toolbox

Calendar

Task

Alarm clock

World time

Synchronization

Mobile synchronization

File management

**Entertainment and Game** 

Shortcut

Network Service

Note: some menu only displayed in some special conditions.

### 5.2 Phonebook

You can use phonebook to store the important message such as name, mobile number, family number, company number etc. choose phonebook from main menu or press right soft key in standby interface, you can enter phonebook function.

Note: the phone can store 300 numbers.

In phonebook you can view quick search, search contact, add contact, copy all, delete, incoming call group, other numbers, setup, full screen caller, incoming call ring, ten options.

- Quick Search: Choose the option and enter Phonebook browser interface, and there is a search enter box on the bottom of the window. You can enter the corresponding information here to filter the recorded telephone numbers. The alternative search methods are: 1. Pinyin, 2. Stroke, 3. small letter, 4. Numerical, press the # key switch input method to achieve the search mode switching.
- **Search contact:** Search the records in Phonebook by name.
- Add contact: Add a new telephone number record into Phonebook, which can be stored in SIM card or the handset.

There will be somewhat different between the two storage formats.

- Copy All: Copy all records in the handset or SIM card and you can copy the records from the handset to the SIM card or from the SIM card to handset.
- **Delete**: Choose the option and delete the telephone number records. Choose the SIM card and delete all telephone number records; choose the handset and delete all telephone number records in the handset's Phonebook; and choose Delete one by one and delete the telephone number records one by one.
- Call Group: There are five call groups in the handset for you, and you can change the name of each call group and set ringing bell, call picture and individual members of the call group.
- Other Numbers: You can view and modify the other stored numbers in SIM card, such as service number and emergency telephone number.
- Setup: Phonebook's setup function, including five sub-items: Capacity Inquiry, Storage

Position, Calling card Setup, My Calling Card and name card edition.

- **Capacity status:** the use information of the storage of SIM card and phone number records.
- **Preferred Storage Position:** choose the preferential storage position, the handset or SIM card.
- Name Card Setup: set up the content recorded (Calling card) in Phonebook of the handset.
- My Name Card: Editors and records detailed information of users
- Name card edition: include 2.1 and 3.0 two editions.
- Full Screen Caller: choose the displayed picture when calling.
- Calls Ring: choose deferent ring of calls.
- **Incoming Call Video:** set incoming call video.

### 5.3 Message

Select 'message' menu enter submenu.

If network supports, and you have applied the service to the network supplier, through the message center, you can receive Chinese, English SMS and multimedia message.

### 5.3.1 SMS

### **Create SMS**

Make sure that you have set the message center number rightly before writing message.

Enter the sub-menu and edit SMS, click the left soft key to enter "option" menu:

- ✓ **Finished:** you can select finishing edit SIM card 1 or SIM card 2 after finishing edit, you can select save and send, send, save, multi send, group send operations according your need.
- ✓ **Use template:** insert the preset template in the SMS.
- ✓ **Insert Object:** insert a picture, ring and animation, etc. in the SMS.
- ✓ **Picture:** select the preset picture of handset to insert.
- ✓ **My picture:** select the picture in picture folder in handset to insert.
- ✓ **Preset animation:** select the preset expression icon in handset.
- ✓ **My animation:** select the self-defined animation.
- ✓ **Ring:** select the default ring in handset.
- ✓ My Ring: select the self-defined ring in handset.
- ✓ **Preset sound:** select the preset sound ring in handset.
- ✓ **Text Format:** define the text format of the SMS.
- ✓ **Insert phone number:** In the SMS insert arbitrary phone numbers.
- ✓ **Insert name:** In the SMS insert arbitrary name of phonebook.
- ✓ **Insert bookmark:** insert a bookmark network.
- ✓ **input Method:** change the input method for editing SMS.

Finished, press confirm, you can send it by pressing roll key to select send, save and send, save, multi-send or group send, the SMS will send to other mobile phone.

### Inbox

Enter submenu inbox view received SMS; inbox is divided into SIM card 1 and SIM card 2 inbox, the operations of two inbox is the same.

When viewing the message list in inbox, it will displays the receive date and time, and the name of other side or number(when the number is in the phonebook)

Viewing message list, you can use up/down roll key to select last or next message.

When the SMS list is shown in inbox, you can press confirm to read the detail content. Then press option to operate as below:

- **Reply**: send a SMS to the current SMS sender.
- **Delete**: delete the current SMS.
- **Edit**: pick up the content of the SMS and enter the edit box.
- **Transmit**: transmit the SMS.
- **Copy to SIM card:** if this message is stored in mobile phone, copy it to SIM card. If the message is stored in SIM card, copy it to mobile phone.
- **Move to SIM card (mobile phone):** if this message is stored in mobile phone, moves it to SIM card. If this message is stored in SIM card, moves it to mobile phone.
- Chat: can enter chat room to make chat with the sender.

- **Delete all**: delete all SMS in Inbox.
- **Delete all messages of the same:** delete all messages of the contact in inbox.
- **Copy all:** copy all of the messages in SIM card to mobile phone, or copy all of the messages in mobile phone to SIM card.
- **Move all:** move all of the messages in SIM card to mobile phone, or move all of the messages in mobile phone to SIM card.
- **Use phone number**: pick up the phone number of the sender who sent the SMS, and you can dial it dial-up or save it in Phonebook.
- Use URL: link the bookmark URL in SMS.
- **Use the address of email**: use the address of email in message.

#### Outbox

Enter outbox to view the saved SMS; outbox divided into SIM card 1 and SIM card 2 outbox, they have the same operation method.

### **Draft box**

Enter draft box to view the saved SMS that haven't sent.

### **Common phrases**

Some commonly used phrases can be stored in Common Phrase to avoid the duplication of each enter while sending SMS. After it is finished, choose Edit or Delete.

### **SMS Setup**

When using SMS function, you need to do the necessary settings at first.

- ✓ **Mode Setup**: choose a suitable mode for your SMS. Enter the corresponding names, SMS center number, period of validity and SMS format settings of all modes.
- ✓ **Status Setup:** set whether to open the message report or return path.
- ✓ Capacity Inquiry: view the storage space of SIM card or handset mailboxes.
- ✓ **Storage Position**: choose your handset or SIM card.

Set SMS center number: please contact with your network provider, to obtain the SMS center number.

State report: if you set state report open, when the other side receive your SMS or because of some reason can't receive, the center will send back the state report, you can easily know if other side has received your message.

\*note: this function needs the support of network service provider.

# 5.3.2 MMS

### Create

Create a new multimedia message. You need to fill the contents of receiver, copy, Encryption copy, subject, edit.

#### Inbox

View received multimedia message. (the same operation as SMS inbox)

Play: view the current content of the multimedia message.

Answer: to answer the current sender in the multimedia message .

Detail information: lookup the detail current information of the multimedia message.

Transmit: edit the relative information of the current multimedia message, transmit the current multimedia message.

Save picture: save current picture of MMS.

Save music: save current music of MMS.

Pickup number: pickup the number of sender.

Delete: delete current multimedia message

# outbox

Outbox store the multimedia message when sent out not succeed. (the same operation as SMS outbox)

transmit: send current multimedia message to other receiver.

play: play the current content of the multimedia message.

detail information: lookup the detail current information of the multimedia message.

delete: delete current message.

draft box: after editing, if you don't want to send, you can save it in draft box.

View: view current MMS.

send: send current multimedia message.

edit: can re-edit current multimedia message.

delete: delete current MMS

delete all: delete all the parts in draft box.

Save as template: save current multimedia message as template use item: select the number in multimedia message to dial or save.

#### Draft box

Save the MMS selected to save when send it.

### **Template**

There are preset MMS and MMS user creating in mobile phone.

# **Setting**

Set multimedia message parameters about send and receive:

Edit setting: MMS network setting. Send setting: set send network. Receive setting: set receive network.

Filter: filter some messages.

Server setting: MMS network setting.

memory condition: lookup the situation of the space occupied.

### 5.3.3 chat

Can set chat room and make chat with your good friends in SMS.

#### 5.3.4 Email

Before using email, you must first set email account, enter email account, click the left soft key to select "option" to create a new account, enter a right email address, then choose the next in "option" to select the communication protocol POP3 or IMPA4, click the next, the data is GPRS, and click the next again in "option", to set receive server.

POP.\*\*\*.\*\*\*(such as POP.163.com), after finish setting, the next step is set the send server.

SMTP.\*\*\*.\*\*\* (such smtp.163.com), click next to display your name that you have entered, click next to enter the password to fit your emailbox, after enter name, to select the next to finished, and you can save the account, this time you can send or receive email after start the email account. There are menus in email as below:

Send and receive: display sent/received email numbers.

Edit email: create a new email. Inbox: can view received email.

Outbox: view the saved email when sending.

Sent: view the sent email

Draft: view the email saved in draft.

Clear email: can clear inbox, outbox, sent, draft and all email clear at one time.

Delete the email marked: can delete the marked email from inbox, outbox, sent, draft and all email.

Email: can start, edit, create new account and delete email account.

Template: can edit, delete or in template edit email to avoid entering character.

Email needs network support, specific ask for help to local network operators.

### 5.3.5 Voice Mail Box

The functions of voice mail box are as follows:

**Edit:** set name and phone number.

Connect to voice: connect to voice mail box by dialing.

### 5.3.6 Cell Broadcast

Receiving and Reading message of Cell Broadcast function as below:

Receiving Mode: turn ON or OFF Receiving Mode of Cell Broadcast

Reading Message: read received message from Cell Broadcast.

Language: choose language of Cell Broadcast.

Channel Setup: Set Cell Broadcast Channel, including choose, increase, edit and delete.

#### 5.4 Call Center

#### 5.4.1 Call Record

In the menu it has the SIM card 1 call records and SIM card 2 call records. The operation is the same, detail as below:

#### Missed Calls

Enter missed call menu, press confirm to view missed call list.

In call record list interface, you can press confirm to view the detail of record, include date, dial time, number, times.

In detail message interface, you can press option to operate the current selected call record, operation as below:

**Delete:** delete the record.

Save: save the number into SIM car or Handset.

**Dial:** dial the phone number.

**Edit:** edit the phone number and store it into Phonebook.

send SMS: send a SMS to current number.Send MMS: send a MMS to current number.

#### **Dialed Calls**

Enter dialed call menu, press confirm to view dialed call list.

In call record list interface, you can press confirm to view the detail of record, include number, times.

In detail message interface, you can press option to operate the current selected call record, operation as below:

**Delete:** delete the record.

Save: save the number into SIM car or handset.

**Dial:** dial the phone number.

**Edit:** edit the phone number and store it into Phonebook.

send SMS: send a SMS to current number.Send MMS: send a MMS to current number.

### **Received Calls**

Enter received call menu, press confirm to view received call list.

In call record list interface, you can press confirm to view the detail of record, include date, dialed time, number, times.

In detail message interface, you can press option to operate the current selected call record, operation as below:

**Delete:** delete the record.

Save: save the number into SIM car or handset.

**Dial:** dial the phone number.

Edit: edit the phone number and store it into Phonebook.

send SMS: send a SMS to current number.

Send MMS: send a MMS to current number.

# **Delete records**

Enter delete record submenu, you can delete a call record or clear all records.

### **Call Time**

In call time interface, there are four submenu:

**Previous call time:** view the time value of the last call.

**Total Dialed Calls:** view the total time value of the call out.

**Total Received Calls:** view the total time value of Received calls.

All Time Return-to-Zero: Clear up the data in timing stat and restart time.

#### Call Cost

Call Cost can store the accumulated charge of call for you.

Previous Call Cost: View the last call cost.

All Call Cost: View all the accumulated call cost.

Call Cost Return-to-Zero: Enter PIN2 code and clear the counter and restart to count the cost.

**Cost Limit:** Enter the sub-menu Cost Limit, which can be browsed, modified or cancelled. Where, it is essential to enter PIN2 code if you want to modify and cancel.

**Price and rate:** Enter the sub-menu price and rate, which can be browsed, modified or cancelled. Where, it is essential to enter PIN2 code if you want to modify and cancel.

Note: You need enter PIN2 code for operating some functions, and please contact your network supplier to receive the password.

\* Note: needs network support.

#### **SMS Counter**

**Sent**: record the sent SMS number.

**Received**: record the received SMS number.

You can select the left soft key "reset" to empty the two items respectively.

### **GPRS** Counter

**Last Sent**: record the last sent size **Received**: record the last received size. **All transmit**: record all transmit size. **All received**: record all received byte.

Clear counter: recount

# 5.4.2 Call Setup

They are SIM card 1 call setup and SIM card 2 setup in the menu. The two operation are the same, as below:

### 5.4.2.1 Setup

**The phone number**: the system default value is used for whether to send the number. Press up/down navigation key to select system default, hide number or send number.

**Call Waiting**: open or close Call Waiting. Choose Inquiry and view the current status of Call Waiting.

# **Call Forwarding:**

- **Unconditional transfer**: open the unconditional transfer and any dialing call will be transferred to your set number under no circumstances.
- Contact not transfer: after not contact transfer is opened, under the circumstances where the other side will not contact you, transfer the dialing call to your set number.
- **Transfer without answer:** after transfer without answer is opened, under the circumstances where your handset has no answer, transfer the dialing call to your set number.
- **Transfer when busy**: after transfer when busy is opened, when your handset is busy, transfer the dialing call to your set number.
- Transfer all the data calls: when calls are the data calls, forwarding.
- Cancel forwarding: cancel all Call forwarding.

Call Restriction: restrict the dialing calls.

Stop Call out:

All call: restrict dial all calls, except emergency calls.

international call: restrict international calls.

**International except national call**: you can call at the host country or call to the national (that is, ownership of the network provider of the host country) abroad. For detail, ask the network provider for help.

# Stop Calling:

Restrict all the incoming calls.

Restrict roaming calls

- Cancel Restriction: cancel the set restriction (input the PIN2 code).
- Change Password: change the Password.

- **Line Handoff:** choose Line 1 or Line 2.
- Close Group: close Group function.

**Automatic Re-dial**: after automatically redialing, each failed call will be automatically redialed.

# Quick dial

Status: open or close quick dial function.

Quick dial list: can auto add the number from phonebook.

**IP Dial:** set and choose IP phone numbers. Add an IP number and start it, choose one number in the phone book, choose "IP dialing", and then add the set IP number automatically in front of the number when dialing

Magic sound setting: can open 5 sound mode in calling.

More

Call Time Display, Call Time Reminder, Auto limit time, switch line.

### 5.5 Mobile TV

Simulation TV can search TV program via external Antenna, let you more freely receive TV program.

**Program list:** Save the searched TV program in it.

Manual input: Can manual input channel.

**My channel:** Add my favorite channel to my channel.

Search channel: Before watching TV, you need search program, then the channel can be

displayed and switched normally.

**Search region:** Select the search region, in order to better search the program.

#### 5.6 Multimedia

### 5.6.1 Album

You can view, browse, delete the photo saved in phone in the menu.

- Check: zoom in presented photos.
- **Browsing Mode:** change the check mode of photos in the album, and choose "Matrix" or "List" mode.
- **Transmission:** use the picked photos as wallpaper, screen saver, on/off cartoon, head portrait of incoming call or MMS accessory.
- **Rename:** change the filename of picked photos.
- **Delete:** delete the picked photos.
- **Delete All of Files:** delete all of the photos in the album.
- **Sorting:** sort the photos in the picked folders according to name, type, time or size.
- Storage Path: change and choose the default path of reading and taking photos.

### 5.6.2 Photo Editor

You can set photo artist and picture jigsaw in the menu.

### 5.6.3 AB Repetition

You can do AB repetition to the record file.

### **5.6.4 Record**

Select the option to record. Press the left soft key to enter:

**Record**: record one section of new voice. **Play**: play the currently chosen record.

Extra: add one new section after the currently chosen record

Rename: rename the current record file.

Delete: delete the current record file.

Delete All: delete all record file.

Set: set record format.

**Transmit**: send the current record to the profiles or MMS, etc.

### 5.6.5 Self Edit Ring

You can self edit ring.

# **5.6.6 Slide**

Can play the folder in file management in slide style.

#### 5.7 Wireless LAN

The use of wireless LAN need to search for available networks and choose a suitable access point of network to set.

Enable / Disable wireless LAN: connect or disconnect current network. It will automatically link the high-priority network.

Wireless network state: show the current network detail message when connected to the network.

Access point setting: enter the menu, will show all access points list that defined, select one of them, and click option or press OK key, can do the operation below:

Connect: connect the current point to enter the correspond network.

Edit: edit the access point setting of current network, such as name, password, encryption mode etc, for detail message please contact with your network service provider.

Create new connect point: create a new network access point.

Change Priority: set the current access point priority, while connecting network, the mobile will automatically select the high priority network.

Search: auto search the available network, it will display the network list after finish searching, select a network, click option or press OK key:

Link: connect current network.

Define the access point: edit the access point message of the network, and can save as access point.

Detail message: view the detail message of the network.

Update: re-search the available network.

Link management

Show the current linked wireless LAN message. Can view the network detail message or disconnect the link.

#### **5.8 JAVA**

#### **Install JAVA**

Java provides you many kinds of games and network application program, select a Java program in Java program list, click "option", the menu has carry, setting and message reference. Select carry, it will start Java program (if select the network application program, it will displays a window that if it is permitted to carry the program, select "yes" to enter the program), after entering the Java program, consult the system indication to run the program. (to run the network program must pay the fee for entering network).

# **JAVA Setup**

Can set Java sound effect, Java background light, Java vibration, select SIM card, Java SIM card 1 setting group, Java SIM card 2 setting group, storage setting.

# **JAVA Safety**

Can set the third part, distrust range and range option.

# 5.9 Ucweb

WAP browser of JAVA, through Wi-Fi to use Ucweb browser.

### 5.10 Opera mini

WAP browser of JAVA, through Wi-Fi to use Opera mini browser.

#### 5.11 Camera

Camera functions is the part that can exert your artistic talent, the manual functional settings

allow you to fully enjoy the pleasure of a digital camera, high-quality camera and a rich feature set to ensure that your creativity to show perfect. In the multi-media, select the camera into the camera functions:

following configuration options:

**album:** the function see 5.6.1

**camera setting:** can set light compensation, shutter sound, Exposure compensation, avoid flash, delay capture, continuous shot.

**Photo setting:** Can set five size: 240\*320, 80\*60, 160\*120, 320\*240, 640\*480. The quality of photo can be set to low, middle and high.

White Balance: White Balance can set according to the environment auto, sunlight, lamp, fluorescent lamp, cloudy, incandescent light.

**Profile:** Provide auto and night mode.

**Effect setting:** Provide different effect setting, it is normal, gray, ancient, ancient green, ancient blue, negative.

**Photo frame:** System default is no frame.

**Store Path**: Setup photographs default storage path **Return default:** Restore the setup to the default.

**Note:** 1. In capture status, short cut 1-7 corresponding the setting upside.

2. the handset has double cameras, one on the front of camera, the other on the background.

# 5.12 Music Player

Choose music player and enter mp3 play interface. Up/down/left/right the four function keys act as stop/play/pause/select the last song/ select the next song, press left soft key to enter play list, you can scroll to search songs. In playlist interface, press left soft key again to enter music relative setting.

**Play**: play the currently chosen song.

**Detail**: View the detail of the song.

Add a ring: add the current song into the ring storage of profiles.

Update Song List: update song list. **Setup**: Set multimedia playing.

Auto make list: Whether automatically updated the list when turn on the handset every time.

Repeat: replay a song.

Random: the order is random when playing.

Play Background: the music will not stop as the menu exits.

**Stereo sound output via Bluetooth:** open the function, sound output via Bluetooth can be used.

**Stereo Bluetooth earphone:** open the function can enjoy music via Bluetooth earphone.

**Sound effects setting:** can choose different music style after opening the balance.

**Display lyric:** can open or close when playing.

# 5.13 Video Recorder

The mobile phone provide record function, it is also the part that can exert your talent, the manual functional settings allow you to fully enjoy the pleasure of a digital camera, high-quality camera and a rich feature set to ensure that your creativity to show perfect. In the multi-media, select the video recorder to the record functions, in preview interface press OK key to start record, press OK again or right soft key to finish, system auto save, then enter preview status.

There are settings in options below:

### **Recorder Setup**

Can set White Balance, Exposure compensation, night shot, avoid flash one by one.

White Balance can set according to the environment auto, sunlight, lamp, fluorescent lamp, cloudy, incandescent light

### Film setting

Set video quality.

### **Effect setting**

Provide different effect setting, it is normal, gray, ancient, ancient green, ancient blue, negative.

# Store Path

Set storage path to phone or T-flash card.

### Restore default

Restore all setup to the default.

# 5.14 Video Player

The menu enable you to play ,transmit, rename, delete and sort the 3GP or MP4 film stored in handset. Select film player then press confirm, you can view all films stored, press up/down direction key to select last or next film, press option key enter option menu, also can click screen to enter the option interface wanted.

Options as below:

- Play: enter play film interface, then press OK key. Film begin to play. This time can set full screen play, play speed etc by the shortcut key on screen.
- **Transmit**: send the current video to the phonebook, open/close animation, Bluetooth etc
- **Rename:** Rename the currently film.
- **Delete:** Delete the currently film.
- **Delete all files:** Delete all the currently chosen films.
- **Sort:** array the order of films (by name, type, time, size).
- **Store path:** choose the storage position of the file.

### 5.15 FM Radio

The handset supports FM radio, choose FM radio menu to enter , press 'OK' key can start. operation as following:

Channel list: can edit channel, name. shown on this list.

Manual input: directly input FM channel frequency

Auto search and setting: auto search FM channel, and auto update channel list.

**Set:** can set play background and output to the handset loudspeaker.

**Record:** can record the radio message.

Files list: enter Audio file folder.

### **5.16 Setup**

This menu include every personal settings.

# **Mode setting**

Double cards open, only SIM card 1 open, only SIM card 2 open, flight mode.

### **Phone Setting**

Time and date setup: set date and time

- **Time Zone setup:** set time zone of a city.
- Time /Date Setup: set the current time and date.
- **Time format Setup:** set the display format of time and date.

**Timing on-off:** set time and open or close the handset within the set time.

**Language:** set the display language of handset menu.

**Preset input method:** choose a default input method.

**Color lamp setting:** set color lamp open / close.

**Preset coding:** provide two code for choose.

Standby menu display:

- Wallpaper: choose standby interface wallpaper.
- **Screen protection:** choose a screen protecting picture for the main screen in standby interface and set the wait time.
- **Animation for opening:** choose the animation picture for opening.
- **Animation for closing:** choose the animation picture for closing.
- **Display Time and Date:** open or close the current display time in standby interface.

**Greetings**: In standby interface Open or Close greetings. Greetings Content can be edited.

**Designate function key:** designate the quick enter memu via press direction keys in the standby interface.

Auto update time: open or close auto update time.

**UART setting:** choose the SIM card 1 or 2 serial port.

Other Setup: set the brightness and the delay time of LCD background light.

Note: some function needs network supplier support.

### **Network Setup**

### **Network Selection:**

Auto select: auto search the network of the SIM card.
Manual: search all available networks, manual login.
Preferential Network: Pre-save several networks you like.

### **Safety Setup**

# Safety setup of the SIM card:

# v The SIM card 1 Lock:

You can set safety options of your handset in the menu in order to prevent your handset or SIM card from being illegally used.

PIN code can be used to prevent your SIM card from being illegally used. If the current PIN code has been closed, choose Open and start PIN code protection, and your PIN code will be inquired before your handset starts next; if the current PIN code has been opened, choose Close and close PIN code protection, and choose Change PIN code and set new PIN code; please input the old PIN code, new PIN code and repeat the new PIN code in order in accordance with the reminder.

\* Note: if PIN code is input continuously incorrectly to three times, the SIM card will be locked, when, you need PUK code to unlock SIM card. PIN code and PUK code can be offered to you with SIM card, if not, please contact your network supplier. The default PIN code is generally 1234, and please change it to your own set password as soon as possible.

# - Fixed Dial-up:

When the function operates, the phone numbers in Fixed Dial-up table or of beginning with some certain digits can only be dialed. (Require SIM card support)

- **Mode**: open or close Fixed Dial-up function (input PIN2 code).
- **Fixed Dialing List**: input the phone number of Fixed Dial-up.
- \* Note: to open and close Fixed Dial-up function, it is necessary to input your PIN2 code. Please contact your network supplier to obtain PIN2 code. Open Fixed Dial-up and then enter the calling card which displays the numbers of Fixed Dial-up.
  - Restrict dialing: restrict dialing out.
  - **Change Password**: Change Password, including modifying PIN1 and PIN2 and phone password.
  - \* Note: part of functions is supported by your network supplier.

**Safety setup of the SIM card 2:** the setup operation consult the safety of the SIM card 1. **Phone Lock**:

In order to prevent illegal usage, you can set password in your mobile phone. Once this function is chose, each time you power on your phone, you must input phone password, and you can unlock the phone only by this way, and then send or answer the call. Users can remove phone password, in this case, the phone can not prevent illegal usage.

- Input the mobile phone password, use the right soft key to clean error input, and press confirm to finish it.

For example, if the password of mobile phone is set to be 1122, input 1122.

\* The default password is '1122', please change the password to your own as quick as possible, Suppose that you forgot your phone password, you must contact with your retailer or local authorized maintenance center to unlock your password.

# **Keypad Lock:**

- Set the wait time of Keypad Lock. After setup, the keypad will be automatically locked when the handset is not used within the designated time.
- Lock the Keypad in standby status: press Left Soft Key firstly and then press # key.
- **Unlock the Keypad in standby status**: press Left Soft Key firstly and then press # key; or press any key according screen prompt to do it.

# Change password:

Can change the phone password.

# **Restore Factory**

Set the functions of your phone to default settings: 1122

### **Sound effects**

**Sound special effects**: open the balance, can set the sound effects style.

### **3D Sensor**

The function can set 3D effect.

### **5.17 Profiles**

**Startup:** Choose Startup and enter the general environment.

**Individual Setup:** Choose Personal Setup and enter the general mode to customize. Function as below:

Ring settings: change the calls, alarm clock, open-close the phone, information and key sound.

**Volume**: here set the rings and the volume of keys.

**Ring methods**: select the ring, shaking, vibration and ring and ring after vibration several options.

Ringtones types: select one tone, continuous ring and gradual increase.

**Reminder tones:** open or close the alarm sound, errors, network linking sound and call linking these several sounds.

**Response mode:** any key can be set to receive this response mode.

Meeting, outdoor, indoor, operate it like the general profile.

**Headset:** When insert headset, it auto open the mode. Personal operate it like the general profile.

**Bluetooth:** When insert headset, it auto open the mode. Personal operate it like the general profile.

### 5.18 MSN

Can make chat in MSN.

#### **5.19 Extra**

The phone provides calculator, exchange rate conversion, stop watch, Ebook, Bluetooth etc. functions.

#### 5.19.1 Calculator

Input the numbers to be calculated with numbers 0-9 and input decimal with # key.

Press the operator key on the screen to input the four operators  $+, -, x, \div$ .

Press the Right Soft Key and remove the recent enter or results by digit, and press the right soft key "Exit" to exit from the calculator. Press the left soft key "Result" the calculated results.

\* Note: The accuracy of the calculator is limited, as will generate rounding error, especially in addition to countless times.

# **5.19.2 Exchange Rate Conversion**

Input the exchange rate before currency conversion, and then input the home or foreign currency values, after confirmation, and the value you need is shown in the other edit box.

### **5.19** .**3** Stop Watch

Use the function you can measure the last time, there are respective time count, circles time count and multi-side stopwatch.

### **5.19.4 Ebook**

Support TXT format files, can store in phone or the Ebook file folder of T card

# 5.19.5 Bluetooth

There are many Bluetooth setting, often used in handset, PC, Bluetooth headset.

The phone support every Bluetooth functions:

HSP (wireless headset dial/receive calls), A2DP/GAVDP(stereo music function). The two function used to Bluetooth headset, some Bluetooth headset only support HSP function. Some support both HSP, A2DP/GAVDP functions.

FTP (connect with other mobile phone to transmit files).

SPP (connect with PC to transmit files)

DUN (connect with PC, get on the internet via PC)

HFP (Vehicle features)

Specific menu is as follows:

- ✓ **Activate Bluetooth**: open or close the Bluetooth function
- ✓ Search wireless setting: search the equipment of Bluetooth, that is searching opened Bluetooth headset. Include: HSP and A2DP/GAVDP.
- ✓ **My setting:** in this menu can search new setting.
- ✓ **Setting during connection**: shows the equipment being connected.
- ✓ Setting:
  - 1. this phone can be searched: open this function, this phone can be searched by other Bluetooth equipment, close, this function, other Bluetooth cannot fine this phone.
  - 2. Name of equipment of this phone: can be amended
  - 3. Attestation needs: open this function, it needs input the match code with other Bluetooth.
  - 4. Set sound route: set sound route to transfer to earphone or remain in the phone.
  - 5. Set of the file sending
- ✓ My Bluetooth: in this menu can view record of service

#### 5.20 Toolbox

#### 5.20.1 Calendar

Enter the agenda management sub-menu.

Press left and right keys to modify the date, and modify month by up and down keys. Press option and enter submenu.

Calendar: create a new schedule. And add an alarm clock reminder. You can choose one time, Daily, Customization, Every Week an Every Month five options.

- ✓ One time: the schedule is reminded for one time.
  ✓ Daily: the set hour daily is reminded.
- ✓ **Customization**: set the ringing hour of the alarm clock in a week.
- ✓ **Weekly**: the set hour weekly is reminded.
- ✓ **Monthly**: the set hour monthly is reminded.

Add item: add a new work.

**Jump to the specified date**: jump to the specified date from the current date.

Week view/month view: view exchange between week and month.

Lunar Calendar: open or close lunar calendar.

# 5.20.2 Memo

The phone provide to store many memo message. In submenu, select memo, you can select the item as view, add, edit, delete, delete all, plan to send.

### 5.20.3 Alarm Clock

The phone can set five alarm clock. Select one, you can edit and make setting.

### 5.20.4 World Time

In submenu, select world time, press left/right navigation key to switch city and time zone.

#### **5.21 File Management**

Insert memo card, in the menu, you can create new folder to manage your data, store different files, such as music, picture etc. enter file management interface, separately list the total capacity and capacity of memory available, enter option interface can see the options below:

**open:** confirm the item, show the file list of memory.

**Create new file folder:** confirm the item, can rename the folder created.

**Rename:** change the file folder name. **Delete:** delete the file folder selected.

**Sorting:** can sort by name, type, time and size.

Function parameters as below:

Function	illustration	Optional	path	
Ring file	MID/WAV /AMR	default	Audio folder	

MP3 file	MP3	default	My Music folder
Picture file	BMP/GIF/JPG	Default	Photos folder
Video file	3GP/MP4	Default	Video folder
Electronic book	TXT	default	Ebook folder

# 5.22 Entertainment and game

#### game

in game interface, every game has items such as new game, game mode, game rank and game help:

New Game: begin a new game. Game Mode: choose level of game. Best Rank: rank record of that game.

Game help: enter this menu to see game rules.

#### 5.23 Shortcut

Can quickly enter function.

#### 5.24 Network Service

#### 5.24.1 STK

The function provided by the network provider. If SIM card and network provider don't support the service, the function will not be used.

#### 5.24.2 WAP

Your mobile phone support the service based on Wireless Application Protocol(WAP). You can visit the service that your network provider support. The service will make you obtain the messages of news, Weather Forecast and Flights etc.

Note: GPRS service needs network supports, you must opened and in the service area, it will can be used.

- ✓ **Front page:**choose the front page, you can land in the frond page. The front page is the WAP site you have set in the setting. If you have not yet set, use the site set in advance by the manufacturer.
- ✓ **Bookmark:** display exist bookmarks, select that can directly link to the web linked to the bookmark.
- ✓ **Web history:** under this submenu, list all the recent visit web record.
- ✓ **Saved website:** select the saved web pages to internet.
- ✓ **Input website:** under this submenu, input the URL site of the WAP service.
- ✓ **Service inbox:** store the information from the service inbox.
- ✓ **Setting:** setting of browse relative content of the WAP service.
- ✓ **edit setting:** the phone default GPRS.
- ✓ **browse option:** set the parameter of browsing web, include waiting time and showing picture.
- ✓ **service information setting:** open or close service information.
- ✓ **clear up cache:** select this menu to clear up cache.
- ✓ clear up personnel data: select this menu to clear up personnel data.
- ✓ **credit credence:** to check credit credence.

# 5.24.3 Accounting data

### **GSM data:**

- ✓ **Name**: edit and set the name of the account data file.
- ✓ **Number**: the dialing connection number of the current account data.
- ✓ **User account**: the dial service (not WAP gateway) account name.
- ✓ **Code**: the dial service (not WAP gateway) code.
- $\checkmark$  **Style of line**: choose the style of line, simulation or digital.
- ✓ **Speed**: choose right transfers speed.
- ✓ Website: IP address

# 6. Input Methods

This handset supports Simplified Chinese input. It provides the following text input modes: English(capital and small letter), T9 English (capital and small letter), Number, handwriting Chinese, handwriting English and number, Pinyin, Stroke, T9 Pinyin.

# 7. Accessory

You can buy the following accessories of our company, to fit to your mobile phone, other accessories please ask for the retailer.

-battery

You can purchase other different capacity Li-battery of our company.

-travel charger

Super light and practical fast charger. Can quickly charge the mobile phone. Insert the charger into the power slot, and insert the other side into the plug on the bottom of the phone.

You can check the charge state on the mobile screen, charging in power off status, the mobile will not auto power on, you can press hangup key to open your phone while charging.

# 8. Maintenance

# -Battery

- the power of the mobile phone is supplied by rechargeable battery, when the power lower, please charge the battery. In order to preserve the battery's life time, please use up electricity completely before recharging.
- when the charge not used, please separate it from power. Avoid connecting charger with battery exceed one week, over charge will short the battery life.
- •temperature affect the charge limit of battery. So before charging, battery maybe needs get colder or warmer. If the temperature of battery exceed 40°C, battery will not be charged.
- •Do not short-circuit batteries with wires, needles and other metal objects, and not put batteries with the necklace and other metal objects together, otherwise, cause batteries' leakage, overheating, and burst and on fire.
- · Avoid using bad battery.
- Avoid put battery into very cold or very hot place, it will shorten the life of battery, exposure battery in freezing or hot place, will make the mobile works abnormal, even if the battery is charged full.
- Avoid throw battery in fire, please comply with local prescript and rules to treat waste battery.

### -Mobile phone

Following suggestion will help you to take care of your mobile phone:

- put your phone and all accessory to the place where children can't reach.
- keep the phone body dry, liquid will cause the metal circuit corrosion.
- keep the phone away from over high temperature, high temperature will shorten electronic instrument life, and melt plastic damage battery.
- Do not dismantle or modify your handset, or else, it will cause it to be damaged, leaked and malfunction in circuit.
- Avoid use strong acid or strong alkaline cleaning agents to clean the body.
- Only use the original mobile phone accessories.

# 9. Statement

If the content described in this manual with your phone does not match, please subject to the phone.

The company has retained the right to revise the content of the manual without any advance notice.

**SAR** Information

The SAR limit of USA (FCC) is 1.6W/Kg averaged over one gram of tissue. Device types F8 (FCC ID: XJS20070901) has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain

compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the mobile phone. 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.

This Model wireless phone meets the government's requirements for exposure to radio waves.

Your Mobile phone is a radio transmitter and receiver. It is designed and manufactured to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communication Commission (FCC) 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 or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR, The SAR limit set by the FCC is 1.6 W/Kg. Tests for SAR are conducted using standard operating positions accepted by the FCC 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, the lower the power output.

Before a phone model is available for sale to the public in the U.S, it must be tested and certified to the FCC that it does not exceed the limit establish for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products, in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 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.

# Software Copyright Notice

The software products described in this manual may include copyrighted and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for manufacturer and third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the product may not be modified, reverse engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the product shall not be deemed to grant either directly or by implication estoppels, or otherwise, any license under the copyrights, patents or patent applications or any third-party software provider, except for the normal, non-exclusive royalty-free license to use that arises by operation of law in the sale of a product.

# Safety and General information

This section contains important information on safe and efficient operation of your mobile phone. Read this information before using your mobile phone.

# Exposure to Radio Frequency (RF) Energy

Your mobile phone contains a transmitter as receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile phone, the system handling your call controls the power level at which your mobile phone transmits.

Your mobile phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

### **Operational Precautions**

For optimal mobile phone performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standard, always follow these instructions and precautions.

# **Product Operation**

When placing or receiving a phone call, hold your mobile phone just like you would a landline phone.

If you wear the mobile phone on your body, always place the mobile phone in a manufactured-supplied or approved clip, holder, holster, case or body harness. If you do no use a body-worn accessory supplied or approved by the manufacturer, keep the mobile phone and its antenna at least 1.5 cm from your body when transmitting.

When using any data feature of the mobile phone, with or without an accessory cable, position the mobile phone and its antenna at least 1.5 cm from your body.

Using accessories not supplied or approved by the manufacturer may cause your mobile phone to exceed RF energy exposure guidelines.

# RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile phone may cause interference with other devices.

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.