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1 Safety and General Information

1.1 Important Safety Precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal.

1.1.1 Phone Precautions

1) Switch off your phone in aircraft, hospital and any facility where posted notices instruct you to do so. Wireless phone can cause interference to electronic instruments and medical equipment, when using your phone in such kind of area, meet any special regulations in force. Your phone features automatically power on function, check your power settings and make sure your mobile phone will not automatically switch on when on board an aircraft. Turn off your phone whenever on board an air craft, so as not to interfere with electronic system and result in aircraft accidents.
2) To avoid electromagnetic interference and/or compatibility conflicts, turn off your mobile phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy. Especially when near the below devices: hearing aid, pacemaker and other medical devices, fire detector, automatic door and other automatic control devices. In the event of mobile phone interfering with pacemaker and other medical electronic devices, consult the manufacturer of the device or local salesman. Mobile phone may interfere with appliances like television, radio, or PC
3) Do not hit the LCD display with extreme force or use it to hit other things. Doing so may break the glass and cause the LCD liquid to leak. If the liquid enters into eyes, it may blind you. In such case, rinse with a large quantity of water immediately (do not rub your eyes) and consult a doctor.
4) Do not disassemble or remodel your phone. Doing this may damage your phone or result in the leakage of electricity and circuit fault.
5) In a very few cases, the use of mobile phone may interfere with the electronic equipments in some cars. In such case, for safety, do not use mobile phone.
6) Do not press keys with sharp things like needle or pen head. Doing so may cause damage to your phone or operation mistakes.
7) Do not use the mobile phone if it has a damaged antenna, as it may cause injury to persons.
8) Turn your phone off and do not remove its battery or charge the battery when in an area with a potentially explosive atmosphere. Sparks in such areas could cause an explosion or fire resulting in property damage, bodily injury or even death. For example: switch off the phone before entering refueling point. Do not use the phone near at a refueling point (service station) or near fuels or chemicals.
9) Keep your phone away from moisture. If water or other liquids get into phone, it will cause phone overheating, leakage of electricity and malfunction.

1.1.2 Battery Safety Precautions

1) **Battery Precautions**

   ◇ Do not throw a battery into a fire. A battery may rupture or bum violently when thrown into a fire. Please dispose of the used battery according to your local environmental laws.
   ◇ When installing battery, do not forcibly put pressure on the battery, or it may result in overheating, leaking, rupturing or fire.
   ◇ Do not short-circuit the positive (+) and negative (-) terminals. If the positive and negative terminals come into contact with each other or are shorted with wire or other metallic objects, an instantaneous high current will flow, possibly damaging the battery structure due to the generated heat, with the possible result of overheating, leaking, rupturing or fire.
   ◇ Do not exceed the battery manufacturer's charging current or voltage limitations. And only use the approved peripherals.
   ◇ Do not directly solder anything onto the battery terminals. Direct soldering onto the battery terminals can cause heat generation, leaking, rupturing or fire.

- ✧ If the electrolyte inside the battery gets into your eyes, it may blind you. In such case, do not rub your eyes but rinse with a large quantity of water immediately and consult a doctor.
- ✧ For safety, do not put the battery into your mouth or use the damaged battery.
- ✧ Do not attempt to disassemble or modify a battery. Doing so may result in leaking, overheating, rupture or fire.
- ✧ Do not use or put battery near high temperature places like fire or heat-generating parts, or it may cause leaking, overheating, rupture or fire.
- ✧ Stop using the battery if abnormal heat, odor, discoloration, deformation, or abnormal conditions are detected during use, charge, or storage.
- ✧ Do not allow leaked electrolyte to come into contact with your skin or clothes. If this happens, rinse with a large quantity of water immediately and consult a doctor.
- ✧ If the battery leaks electrolyte or emits a strange odor, immediately remove it from open flame to avoid fire and rupture.
- ✧ Keep battery from moisture, as it may cause the battery to overheat, smoke and corrode.
- ✧ Do not place or store the battery in an automobile in hot weather, under direct sunlight. Use or storage of the battery in these places may cause battery leakage and overheating, and possibly lower the performance and shorten the battery's life.
- ✧ Only use the approved batteries and fittings. Do not connect to unspecified devices.
- ✧ Do not continuously charge the battery for more than 24 hours, as battery may be damaged by extensive overcharging.

2) Battery Capability

- ✧ Calling, backlight on and playing game drain your battery much quicker. Long talk-time decreases the duration of the standby time.
- ✧ Idle time becomes shorter if the phone is out of coverage.
- ✧ Battery capability varies along with charging level, temperature, signal strength, and backlight.

1.1.3   Disposing of Used Battery

The rechargeable batteries contain toxic heavy metals like mercury, cadmium, and lead. Improperly disposed batteries will cause heavy metal contamination. These batteries when discarded in ordinary household or workplace, after a long time, the heavy metal will leach slowly into the soil, ground water and surface water. Therefore, please dispose of used battery in a proper way.

1) Do not land filled, because the heavy metal will leach slowly into the soil, ground water and surface water.
2) Do not incinerate, because the heavy metals can enter the air through smokestack emissions and can concentrate in the ash produced by combustion.
3) Do not compost, because the heavy metals in the compost may exceed standards.
4) Do not throw away used batteries random, avoiding environmental pollution.
5) Separate wasted batteries from household trash, reducing its harm to the environment.

1.1.4   Charger Precautions

1) Use charger to charge battery quickly. Before charging, make sure the battery has been inserted in the phone correctly. Do not remove the battery while charging.
2) Please use the specified alternating current. Using other voltage will cause electricity leakage, fire or damage to the phone and charger.
3) Charge your battery for at least 12 hours at the first time for its best performance and long cycle life.
4) If the charger still plugs in the charge slot and the phone has been fully charged, the phone will check the battery state automatically, and recharge the battery once it is not at full level.
5) While the mobile phone is being charged, keep it out of the reach of children.
6) Do not short-circuit the charger. A short-circuit may result in electric shock, smoke and damage to the charger.
7) If the power cord is damaged, please do not use the charger, or it may cause fire or electric shock.
8) Please clean the dust on the power outlet in time.
9) Do not put container filled with water beside charger, as water may be splashed on charger, causing the charger overheating, leakage of electricity and malfunction.

10) If the charger comes into contact with water or any other liquids, immediately unplug the charger from outlet to reduce the risk of overheating, fire, electric shock or charger malfunction.
11) Do not disassemble or modify the charger. Doing so could result in risk of injury to persons, electric shock, fire and damage to the charger.
12) Do not use charger in a high moisture environment like bathroom, or it may cause electric shock, fire and damage to the charger.
13) Do not touch the charger, power cord and power outlet with wet hands as it may cause electric shock.
14) Never put a heavy object on the power cord or modify the power cord. Doing so may cause electric shock or fire.
15) To reduce risk of electric shock or injury, unplug the charger from the power outlet before cleaning or maintenance.
16) When you disconnect the power cord of the charger, grasp and pull the plug, not the cord. Pulling the cord may cause electric shock and fire.

1.1.5　Clean and Maintenance

1) Your phone, battery and charger are not waterproof. Do not use them in a high moisture environment like bathroom, and meanwhile, avoid getting wet in the rain.
2) Use soft dry cloth to clean the phone, battery and charger.
3) Do not use liquor like alcohol, thinner or benzene to clean the phone.
4) The dust or dirt on power outlet may cause poor contact, power failure and even fail to charge. Please clean it up within a certain time.

2　Phone Appearance and Keys

2.1　Physical Impression

2.2　Keys specification

Keys	Specification
	Left/Right soft key Perform the functions indicated on the left/ right bottom line of the display. Press right soft key to return to upper menu. In idle mode, press right soft key to access Call Log. In idle mode, press left soft key to access Menu.
	Dial key Answer the call by pressing it. In idle mode, enter phone number and press the key to make a call. Or dial a number from phonebook or call records. In idle mode, press the key to display the dialed call logs.
	End key End the call. Long press to power on/off the mobile. Return to idle menu.
	Navigation keys Indicates 【↑】【↓】【←】【→】 four directions. In idle mode, press 【↑】 to access Messaging; In idle mode, press 【↓】 to access Claro; In idle mode, press 【←】 to access Phonebook; In idle mode, press 【→】 to access Games; In other interface, press navigation keys to scroll through options.

	During the call speaking, press middle key to enable/close loud speaker. In option menu, press middle navigation key to confirm selection.
	Alphanumeric Keys When dial a number, enter corresponding number. In input mode, enter different characters according to input mode, like letter or number. In idle mode, long press 2~9 digit key and Dial Key to access speed dial. In idle mode, press one or more keys of 1-9 and then press # key to directly access entries in phonebook. For example: press 1 and # in turn, it displays the first entry of SIM card phonebook. In idle mode, long press 0 key to open/close the flashlight on back of phone.
	* key When dial a number, press to enter "*". In input mode, enter punctuation.
	# key In idle mode, long press can switch to silent mode. In edit interface, press to switch input mode. When dial a number, press to enter "#".
	Messaging key In idle mode, press the key to access Messaging
	Media player key In idle mode, press the key to access Media player
	Camera in idle mode, press the key to access Camera

※**Note:** In idle mode means that your phone is switched on but not being used for any function.

3　User Guide

3.1　Installing the battery

  ✧ With the top of battery (the terminal with pole) facing right toward the contacting points in the battery compartment, press the bottom of battery slightly until it enters into place;
  ✧ Slide battery cover forward along the side slot until it clicks into place.

3.2　Charging the battery

Your phone is powered by a rechargeable battery. When the battery is weak, the battery sensor informs you. At this time, you need charge the battery. When the battery becomes too weak for the phone to operate, it switches off automatically.
1) Plug the charger into the charger port at the bottom of the phone, and then plug the other end of the charger into the appropriate electrical outlet.
2) When charging is complete, disconnect the connector from the phone and unplug the charger from electrical outlet.
  * Notice:
  i) Charging with phone on, battery icon scrolling on the display.
  ii) During charging, the phone can operate as usual. But the charging time increases.
  iii) Charging with phone off, the display says 'Charging' with charging indicator icon flash.*

3.3   Inserting the SIM card

. Make sure that the phone is already switched off and is not charging:
- ✧ Remove the battery.
- ✧ The mobile is double deck SIM cards clip. Insert SIM card underside. Gold contacting points of SIM card 1 upwards, the angled corner towards the outside; Slide the Card into the slots.
- ✧ Insert battery.

※ **Note:**
(a) Be careful when handling, inserting or removing the SIM card, friction or bending may damage SIM card.
(b) If left unused, keep SIM card out of the reach of small children.
(c) Keep SIM card away from static, dusty and water.
(d) When inserting or removing SIM card, always make sure that the phone is switched off before you remove the battery. Or the SIM card memory might be damaged. ※

3.4   T-Flash card

This mobile supports the T-Flash card feature. Make sure that the T-Flash card has already inserted into mobile. T-Flash card slot locate at the right top of the SIM card.
- ✧ Power off, and remove the battery;
- ✧ Make contacting points downwards. Ensure the angled corner is positioned correctly and slide the card into the carrier;
- ✧ Lock it.

3.4.1   T-Flash card use

1)   File operation specification
The music and video file are saved in the T-Flash card. If you need operate with the files, the files must be saved in the card firstly. Act as following:
- ✧ Connect PC port and USB port with specific USB line. USB port is on the bottom of the phone.
- ✧ After inserting the USB line, the display shows tip information. There shows "Mass storage" and "Webcam" option. Select "Mass storage".
- ✧ Or insert initial T-Flash card into specific card reader, and then insert the reader into USB port.
- ✧ Select "My computer—movable disk", can use the T-Flash function. Add or delete files in the music / video fold on the card.
- ✧ Stop the USB function on computer; disconnect the USB line with mobile. (*Note: Must stop the function on the computer firstly, then disconnect the line with mobile, otherwise the data will be lost*).

2)   T-Flash card directory specification
- ✧ My Music: Save the MP3 music on the folder. The length of the music file is not limit. The quantity depend on the capacity of the T-Flash card.(The folder will be established automatically when select the music, such as add playing music, set alarm clock and so on)
- ✧ Photos: Save the photos through camera (The folder will be established automatically when taking picture).
- ✧ Videos: Save .3gp and .MP4 video files, and the film recorded.(The folder will be established automatically when making a video)
- ✧ Audio: Save the audio record files.(The folder will be established automatically when making a audio record)
- ✧ Ebook: Save the txt files. (The folder will be established automatically when using ebook function.)
- ✧ MmsMedia: save the ring or image that extracted from the received MMS message. (The folder will be established automatically when you read MMS message.)
- ✧ WapMedia: save the files downloaded from the WAP website. (The folder will be established automatically when you download from the WAP website page).

3.5 Power On or Off

Make sure the battery is already inserted:
1) Power On: Hold down end key until the phone-on image display. After power on, the phone searches for your network automatically. Some SIM card is protected by the PIN number, if you are asker for inputting the PIN number, please enter it, then press left soft key.
2) Power Off: Hold down end key until the power-off image display.

※ **Note:**
(a) PIN is provided by your service provider. If the PIN is entered incorrectly three times, the SIM card is barred.
(b) If the phone asks for an unlock code when switched on, enter the unlock code and press left soft key. ※

4 Call Functions

4.1 Making a Call

When you want a call, press the phone keypad to input the area code and phone number. Click middle key to save, select To SIM card, or To phone.

Press and hold down * key until character "+" appears, and then you can dial an international number. (The '+' stands for international dial code.) Press dial key to dial the number. If the number is stored with a name, it appears on the display when you dial the number.

Only in GSM system coverage, you can make an emergency call, even though the phone is locked, without SIM card, or cannot enroll to the system.

※**Note:** This phone, like any wireless phone, operates using radio signals, wireless, and landline networks as well as user programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications like medical emergencies. Check with local service providers to make an emergency call.※

● **Quick making a call**

i) Enter [Menu]- [Phonebook], select Browse and find the required number;
ii) Enter [Menu]-[Call]-[Call history], select corresponding SIM card, select Missed calls, Dialed calls, Received calls list. Scroll the navigation keys to find the required number;
iii) In idle mode, press right soft key to enter phonebook.
iv) In idle mode, press dial key to display the last number dialed.
v) Press dial key to make a call.

※**Note:** You can quickly search numbers from [Phonebook] via navigation keys and alphanumeric keys. Use navigation keys to move through pages; Use alphanumeric keys to search by keywords. ※

4.2 Answering a Call

When somebody calls you, the phone rings, and displays the incoming call area. If the caller can be identified, the caller's phone number (or name if stored in your phonebook) is displayed.

When a call is coming, Answer the call by pressing dial key. The missed incoming calls appear on the display. Press left soft key to check the details of the missed calls or press dial key to call the number. Press end key to end the call.

※**Note:** To answer a call, the function of call forwarding should be disabled, nor is unconditional divert. ※

4.3 H-Free/H-Held

When you are driving, you can enable the phone hands free function during a call. The phone sound will be heard from the speaker. During a call, press right soft key to select "H-Free", then the speaker is enabled. To disable the hands free function, press right soft key to select "H-Held", then the receiver is enabled.

※**Note**：The speaker sound volume maybe loud, so please not use the speaker beside ear.※

4.4　Call Waiting

　　You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have set the Call Waiting menu option to activate. You will be notified of an incoming call by a call waiting tone.

5　Phonebook

　　This feature allows you to store phone numbers and their corresponding names in the memory of your SIM card and phone's memories, at the same time, provides browsing, adding, managing functions. Your phone can store up to 300 contacts, while SIM card memory depends on various SIM card.

5.1　Add new contact

　　Add new entry and related information to phonebook.
  1) Press navigation key to move the cursor to "Add new contact", first, confirm the storage media in <Preferred storage>: To SIM, To phone.
  2) If preferred storage is phone, then input Name, Number.

　　Press corresponding alphanumeric keys to search for a number by name. Enter the first letter of the name that you want to find. The phonebook entries are listed, starting with the first entry matching your input. For example, you want to find the number named "zhang san", then press 9 key four times, the display will show the name list starting with "z".

　　You can finish the following operations with the find number:

5.2　View

　　View the detailed information of the selected number.

5.3　Send message

　　Send SMS or MMS to the selected number.

5.4　Call

　　call the number you select.

5.5　IP dial

　　Make an IP dial to the selected number by SIM card.

5.6　Edit

　　Edit the selected number.

5.7　Delete

　　Delete the number from phone or SIM card.

5.8　Copy

　　Copy the number from the SIM card to phone.

5.9 Move

Move the number from SIM to phone.

Send business card
- ➢ **As SMS:** send the contact through SMS.
- ➢ **As MMS:** send the contact by MMS. Enter the MMS write message interface.
- ➢ **As Email:** send the contact with email.
- ➢ **Via Bluetooth:** send the contact by Bluetooth.

5.10 Add to Blacklist

Add this contact to the blacklist. You can view the lists in the <Call settings>-<Advance settings>-<Blacklist>.

5.11 Mark several

Select several names to operate.

5.12 Phonebook settings

Set the phonebook parameter.
- ✧ **Preferred storage:** set the preferred storage media: SIM, Phone or all.
- ✧ **Speed dial:** on or off the function. Allows you to assign up to eight phone numbers from Phonebook that you use most frequently to the number keys (2～9), and then dial them easily whenever you want, by pressing and holding the associated number key.
- ✧ **My number:** edit and send my number.
- ✧ **Extra numbers:** the menu is used to save the mobile used SIM owner number, service dialing number, fixed dial. It can set owner number of current using. The menu can set the name and number of SIM card. It can be operated: Edit.
- ✧ **Memory status:** show the used storage and total storage of SIM card and phone.
- ✧ **Copy contacts:** copy the number from the SIM card to phone,
- ✧ **Move contacts:** move the number from SIM to phone
- ✧ **Delete all contacts:** delete all the numbers from phone or SIM card.

6 Messaging

SMS is short message, this menu allows you to read, compose, send and receive text messages. Each message has limitation in length, that is 612 English characters. If exceed the limitation, the message will be cut to many messages for sending.

Screen icon that displays in standby mode refers to any new message just received and unviewed. You can set the message tone to remind you of receiving any new message. No more messages can be received when the Inbox is full. You can receive the new message after you have deleted some old ones to release memory space.

6.1 Write message

Write new message for sending. During editing the message, press left soft key to operate.
You can write a new MMS message through the menu, such as insert text, image, audio and video. Before using MMS, you need set the MMS parameter, for details please contact with your service provider to confirm that if you can use the MMS service and how to apply it. Single MMS message limitation is 100KB, if the MMS message is out of the limitation, the phone will can't receive it. If you insert image, audio or video that make the MMS message is out of limitation, the phone will show the prompting information.
You maybe can't copy, update, send or forward some image, picture, ring or other multimedia content that is protected by copyright.
After enter writing message interface, input addressee number, or email, or select number from the phonebook. Optionally select the cc, bcc number. If you input bcc number, the MMS message will send by encryption mode. And then press left soft key to edit or delete the number

or email address.

After input the number, and then write the message subject and content. During edit the content, press left soft key to operate.

6.2   Inbox

Through the menu you can read received message.

6.3   Drafts

Select a draft message, press left soft key to select the menu: **View, Send, Edit, Delete, Delete all, Advanced**. The operation details please refer to [Write message].

6.4   Outbox

The outbox stores any messages that you have failed to delivery. Select "SIM Outbox", For the messages in this box, you can access options: View, Forward, Delete, Delete all, Advanced. The details refer to [Inbox].

6.4.1   Templates

Show some common template message subject. You can select from "User defined" or "Default" menu. Press left soft key to do: **View, Write message, Properties.**

6.4.2   MMS settings

Set the MMS parameter.
- ✧ **Profile:** select server to send or receive MMS message. When select one server from the list, press left soft key to activate or edit server parameter.
- ✧ **Common settings:**
  - ● **Compose:** set creation mode is free or restricted, set whether resize the picture, set whether close the auto signature function.
  - ● **Send:** set send parameter.
  - ● **Retrieve:** set retrieve parameter, including: home network   immediate / rejected / delayed setting, roaming as home / delayed / rejected setting, set read report parameter, set delivery report on or off.
  - ● **Filter:** allow or reject anonymous, or advertisement to filter received message.
  - ● **Memory status:** show the usage, used space and free space of the phone memory.

6.5   Email

Set the Email account, then view and write Email.

6.6   Broadcast message

This network service allows you to receive text messages on various topics, such as the weather or traffic. Messages are displayed immediately as they are received, you can directly read the messages. At present, only a few networks support this feature. For further information, contact your service provider.

Select "SIM broadcast message". The display shows options: Receive mode, Read message, Languages, Channel setting. Press navigation keys to select option and press middle key to access.
- ✧ **Receive mode:** power on or off the function.
- ✧ **Read message:** read the broadcast message.
- ✧ **Languages:** select the message language.
- ✧ **Channel settings:** select, add, edit or delete the old channel.

6.7   Templates

The menu shows some commonly used template messages. Press left soft key to operate: Use, Edit, Remove.

6.8   Sent messages

Show the sent messages you saved.

6.9   SMS settings

Set the SMS,MMS and service parameter.

7   Call Logs

In this menu, you can view the calls you missed, dialed and received, as well as the length of your calls.

7.1   Call history

There is "1" or "2" icon displayed on the right side of every call logs, it means this call is dialed or received by SIM.

7.1.1   Missed calls

This menu lets you view the SIM card missed call number, there is showing most 20 numbers. You can View, Call, Send SMS, Save to Phonebook, Delete.

7.1.2   Dialled calls

This menu lets you view the SIM card recent numbers you dialed, there is showing most 20 numbers. You can View, Call, Send SMS, Send MMS, Save to Phonebook, Delete.

7.1.3   Received calls

This menu lets you view the SIM card recent numbers you received, there is showing most 20 numbers. You can View, Call, Send SMS, Send MMS, Save to Phonebook, Delete.

7.1.4   Delete call logs

This menu lets you delete the SIM card missed call, dialed call, received call, or all the calls.

7.1.5   Call timers

This menu lets you view the SIM card duration of last call time, all the dialed call time, all the received call time. And can reset the call time to 0.

7.1.6   Call cost

Display the cost of the SIM card call. The menu needs the support of SIM card. Otherwise it will not show.
  ✧ **Last call cost:** show the fee of the last call.
  ✧ **Total cost:** show the fee of all the calls.
  ✧ **Reset cost:** clean the call cost.
  ✧ **Max cost:** set the max cost of the call. Before setting, you need input PIN2 number.
  ✧ **Price per unit:** set the price unit. Before setting, you need input PIN2 number.

7.1.7   SMS counter

Show the SIM card counter of already sent message and received message.

7.2   Video call

If your SIM card supports, you can use video call.

7.3   Call settings

7.3.1   SIM call settings

7.3.1.1   Call waiting

This feature means you are informed of a second incoming call by an audible tone in the earpiece. Activating this feature enables you to specify whether or not answer the second incoming call. Deactivating this feature, you are not informed of a second incoming call by an audible tone in the earpiece, and the caller will hear a busy tone (If the divert feature is activated, the second incoming call is automatically diverted to another phone.)

7.3.1.2   Call divert

This network feature allows you to divert your incoming calls to another number. If you can not answer the phone, forward your incoming calls.
1) **Divert All Voice Calls:** when activated, all of your incoming calls will be diverted. You can Interrogate, Activate or Deactivate this feature.
2) **Divert If Unreachable:** when power off or not in the network covering area, the call will be diverted into specific number. You can Interrogate, Activate or Deactivate this feature.
3) **Divert If No Answer:** when activated, calls will be diverted if you do not answer your phone. You can Interrogate, Activate or Deactivate this feature.
4) **Divert If Busy:** when activated, calls will be diverted when you are already in a call. You can Interrogate, Activate or Deactivate this feature.
5) **Divert All Data Calls:** divert all incoming calls into new number, or voice mail. You can Interrogate, Activate or Deactivate this feature.
6) **Cancel All Divert:** when activated, calls will be diverted if your phone is off or if you are out of coverage. You can Interrogate, Activate or Deactivate this feature.

7.3.1.3   Call barring

The call barring network service allows you to restrict your calls. This feature needs call barring password supplied by your service provider.
1) **Outgoing Calls:** calls cannot be made except emergency call.
2) **Incoming Calls:** calls cannot be received.
3) **Cancel All:** cancel all the limitation, it need input barring password.
4) **Change Barring password:** change the barring password.
※ **Note:** The call barring password is provided by your service provider. ※

7.3.1.4   Line switching

This is a network service. If your SIM card supports one card two number functions, you can select line 1 or line 2 for making a call. If your card does not support the service, select "line 1" to dial/ receive calls. When select "line 2", you cannot dial calls.

8   Settings

Many different features of your phone can be customized to suit your preferences.

8.1   Phone settings

Set the phone parameter.

8.1.1 Time and date

Set the time and date of the phone.
 ✧ **Set time zone:** select the home city in the list.
 ✧ **Set time/date:** edit the time or date, and set daylight saving is on or off.
 ✧ **Set format:** set the time format or date format.
 ✧ **Update with time zone:** on or off the function.

8.1.2 Schedule power on/off

Set the phone scheduled powering on or off. When the set time arrive, the phone will power on or off automatically. Press left soft key to select:
 ✧ **Status:** enable or disable the function of powering on/off.
 ✧ **Power on/off:** select power on or off.
 ✧ **Edit power on/off:** set the scheduled time of power on/off.

8.1.3 Language

It allows you to select language for the display text.

8.1.4 Preferred input method

It allows you to set the default input mode. Use navigation keys to select input mode and press left soft key to confirm.

8.1.5 Display

Set the display parameter in idle mode.
 ✧ **Wallpaper:** set the wallpaper in idle mode. The image can be selected from system, or from the file manager menu.
 ✧ **Screen saver:** enable or disable the screen saver. If enable the screen saver function, select waiting time, and the animation of the screen saver.
 ✧ **Power on display:** select the animation of the powering on display.
 ✧ **Power off display:** select the animation of the powering off display.
 ✧ **Show date and time:** select on or off. If enable the function, the date and time will be shown on the idle display.

8.1.6 Dedicated key

Set the navigation keys' function in idle mode. Select the dedicated navigation key, such as "Down", press middle key to access shortcuts list, and then select the preferred one. By the same way, set the "Up", "Left", "Right".

8.1.7 Auto update of date and time

Set on or off to update the date and time automatically.

8.1.8 Flight mode

After setting the flight mode, you need not power off the phone on the plane, at the same time cannot make a call.

8.1.9 Misc. settings

Set LCD backlight.

8.2 Network settings

Set the network selection mode.
 ✧ **Network selection**
   ➢ New Research: search new network.
   ➢ Select network: search new network, and show the network list.
   ➢ Selection Mode: set "Automatic" or "Manual".

❖   **GPRS transfer pref.:** select Data prefer or call prefer.

8.3   Security settings

The menu allows encrypting with some phone functions. It can avoid your phone or SIM card misused. When you input password, the password will be shown with "*". If input wrong number, press end key to clean. You can change PIN1, PIN2, or phone lock password and so on.

8.4   Connectivity

8.4.1   Bluetooth

The phone support Bluetooth communication mode.
- ❖ **Power:** set the function on or off.
- ❖ **Visibility:** Select On or Off. If disable the feature, the phone will not be used as a BT device.
- ❖ **My device:** show my BT device list. If the list is null, press OK key to search the new device. Select one device, press dial key 2 to access:
  - ❯ Connect: connect to this device.
  - ❯ Set as default audio device: set this device as default audio device.
  - ❯ Service list: show the device service list.
  - ❯ Rename: edit the device name.
  - ❯ Authorize: select Always ask, Always connect or Always reject.
  - ❯ Delete: delete the selected device.
  - ❯ Delete all: delete all online devices.
- ❖ **Search audio device:** Before search Bluetooth device, power on Bluetooth function. After searching new device, connect the new device in pairs according to the display information. When successfully connected, the devices can communicate.
- ❖ **My name:** edit the device name.
- ❖ **Advanced:** set Bluetooth parameter。
  - ❯ Audio Path: set the audio path, you can select leave in phone or forward to BT device. Example: if connect the BT headset, you can set forward to BT headset.
  - ❯ Storage: select storage location of transfer file from Bluetooth.
  - ❯ Sharing permission: set the right as Full Control, or Read Only.
  - ❯ My address: show the device address.

8.4.2   Data account

GPRS：General Packet Radio Service, that is a new service developed from current GSM system. It can support to view Internet webpage and MMS service. Select one GPRS account from the list, press left soft key to edit:
- ❯ Account name: edit GPRS account name.
- ❯ APN: edit GPRS APN name.
- ❯ User name: input the network connection account (provided by your network service provider).
- ❯ Password: input your account password (provided by your network service provider).
- ❯ Auth. type: select authentication type: normal or secure.
- ❯ DNS: edit the DNS address.

8.5   Restore factory settings

In this menu enter your phone code (the initial value is 1122) and press <Accept> to reset your phone to its default settings.

8.6   User Profiles

The menu allows setting different prompt mode for call and message in different environment. Press left soft key to access, select profile through up/down navigation key.

8.6.1   General

Set the phone ring tone and other prompt mode as your prefer.
1) **Activate:** activate and set as default mode.
2) **Customize:** Set Alert type, Ring type, SIM incoming call, Power on, Power off, SIM Message tone, Keypad tone and the volume of Ring tone, Key tone, System alert, Intelligent call alert.
3) **Reset:** reset to default settings.

8.6.2   Silent

Activate silent mode.

8.6.3   Meeting

Alert type is "Vib. only". Operation details are same with [General].

8.6.4   Outdoor

The ring tone volume is 7 levels, and Ring type is "Repeat". Operation details are same with [General].

8.6.5   My style

Customize your profile.

9   Multimedia

9.1   Camcorder

With the phone camera and recorder feature, you can take picture or video at any time without carrying digital camera. Enter the menu, the display shows the preview image.
- Press up and down navigation key to switch between camera and recorder.
- Press middle key to take photograph or start to record.

9.2   Image viewer

Show image list, press left soft key to do: View, Image information, Browse style, Send, Use as, Rename, Delete, Sort by, Delete all files, Storage.

9.3   Media player

Through the menu, you can play music or ring tone file.
During playing the music, press left or right navigation key to next music file; long press left or right navigation key to fast forward or Rewind; press middle key to pause/play the playing file; press * and # key to adjust volume; press down navigation key to stop the playing.

9.4   Sound recorder

You can record sound through the menu. The sound recorded can be set as ring tone for call or message. Press left soft key to access:
- **New record:** begin a new recording.
- **List:** show all the recording files.
- **Settings:** set the storage media, saving format.

Select "New record" to begin recording. During recording, the display shows record time. Press left soft key to pause recording, and then press again to restore. Press right soft key to stop recording, then select whether to save it. The record file is saved as .amr format. After recording, press left soft key to select "List", select the file and press middle key to access:

- ✧ **Play:** play the record.
- ✧ **Append:** begin a new record, and the new record is after the selected record, they are saved on one file.
- ✧ **Rename:** rename the record.
- ✧ **Delete:** delete the record.
- ✧ **Delete all files:** delete all records.
- ✧ **Use as:** use to User profiles.
- ✧ **Send:** send the file as MMS or via Bluetooth.

9.5 FM radio

Before starting FM radio, insert the earphone into left side of the phone. The earphone line equates in FM radio antenna. Please let it hang freely. Open the FM radio, the phone will show the channel frequency that the phone searched automatically. You can press left/right navigation keys to change the channel frequency. Press * and # key to adjust volume. And press right soft key to exit, and press left soft key to operate:

- ✧ **Channel List:** show all radio channels. Press OK key to edit the frequency, the value is among 87.5MHZ and 108.0MHZ.
- ✧ **Manual Input:** input channel manually.
- ✧ **Auto Search:** search channel automatically.
- ✧ **Settings:** set the radio player parameter
- ✧ **Record:** record the FM radio.
- ✧ **Append:** User can add a FM radio recording file to an AMR file, and save them as one file.
- ✧ **File list:** display current AMR files list.

1 0 File manager

For saving more information, the phone support memory card. The card can be installed at any time. The menu can manage the files on the phone.

Enter File Manager menu, show storage media list. Select one, the total storage and used storage will be shown on the up display, and an icon shows use proportion on the left-up.

10.1 Phone

1) Select "Phone", press left soft key to access [Options]:
- ✧ **Open:** open the folder and show the file list.
- ✧ **New folder:** create a new folder under the current folder.
- ✧ **Format:** format the phone memory.

※**Note:** After formatting, all date saved on the phone will be lost forever.※

2) Select one folder, press left soft key to access:

- ✧ **Open:** open the folder and show the file list.

- ✧ **New folder:** create a new folder under the current folder.

- ✧ **Rename:** Rename the selected folder.

- ✧ **Delete:** delete selected folder.

- ✧ **Sort by:** sort the selected folder.

3) Select one file under the folder, press left soft key to access:

- ✧ **View:** view the photo, the menu is valid to image file.

- ✧ **Play:** play the video file. The menu is valid to audio, video file.

- ✧ **Use:** if the selected file is a ring, then send it to profile.

- ✧ **Send:** send it to MMS or bluetooth.

✧ **Details:** show the file details.

✧ **Rename:** rename the selected file.

✧ **Copy:** copy the file to specific folder.

✧ **Move:** move the file to specific folder.

✧ **Delete:** delete the selected file.

✧ **Delete all files:** delete all files of the folder.

✧ **Mark several:** mark the photos.

✧ **Sort by:** sort the file on the current folder.

10.2 Memory card

If the phone is inserted into memory card, the display will show "Memory Card". Select the menu, press left soft key to access:

✧ **Open:** open the folder and show the file list.

✧ **New folder:** create a new folder under the selected folder.

✧ **Format:** format the phone memory.

※**Note:** After formatting, all date saved on the memory card will be lost forever.※

The operation of the folder and file, please refer to the details of chapter "Phone".

※ **Note：** Our phone supports USB1.1 standard. If your computer system is Windows2000 or Windows XP, the computer will recognize the USB automatically without installing driver. If the system is Windows 98 or lowing Windows 98, you need install USB driver. ※

11 Organizer

11.1 Alarm

Through the menu, the phone sends out the noisy bell sound at specific time. If the specific time arrives, the phone will ring even if the phone is powered off. Press left soft key to access:

✧ **On/Off:** power on or off the alarm through left or right navigation key.

✧ **Edit alarm:** set the alarm time.

✧ **Repeat:** select the ring mode: Once, Everyday, Days.

✧ **Alarm tone:** set the alarm audio, tone or FM radio, and select the tone.

✧ **Snooze:** set continuous alarm time.

✧ **Alert type:** select the alert type.

11.2 World Clock

The menu allows inquiry time of world each place. When you are outside the country, you can change the system time into the locating place time.

Press left/right navigation key to view the country date and time at different longitude. The country name displays on the upper screen, and the date and time displays below. A world map displays in the middle. Select the country, press left soft key to access "Daylight saving time for foreign city". Set the feature is On or Off.

11.3 Notes

Add notes by texts or symbols, never miss any important information.

11.4 Led Flashlight

Put on or off the flashlight function. The flashlight is in the back of the mobile.

1 2 Text input settings

12.1 Key functions for Input Mode

1) Digital key 1~9: show different character with different input mode.
2) Navigation key**:** move cursor.
3) 1 key**:** in ABC, abc Mode, input ".,-?!'@:#$/_1" in turn.
4) 0 key: in Input Mode, press to enter space. In Number Mode, press to enter 0; In ABC/abc Mode, press one time to enter enter space, press 2 times continuous to 0.
5) * key: open punctuation mark list.
6) # key: change input mode.

12.2 Multitap ABC mode

When typing in Multitap ABC or abc mode, press the key which corresponds to the desired letter several times until the letter you want appears.

Example: input "how", in Multitap abc mode, you press numeric key 4 two times to show "h"; press numeric key 6 three times to show "o"; press numeric key 9 once to show "w".

ABC means to enter uppercase letters; abc means to enter lowercase letters.

1 3 Guidelines for safe and efficient use

13.1 Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. By following the warranty obligations and by caring for your mobile, you can enjoy it for many years:

1) Keep the phone dry. Precipitation, humidity and liquids containing minerals will corrode the electronic circuits;
2) Do not use or store the phone in dusty areas as the dust could obstruct or damage the moveable parts;
3) Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics;
4) Do not store the phone in cold areas, because moisture can form inside the phone when temperature rises, which may damage the electronic circuits;
5) Do not drop, knock, bump or shake the phone. Rough handling may damage the internal circuits. Put the phone in a safe place when you do not use it;
6) Use a slightly cloth damping with clean water or neutral soap to clean your phone housing. Never use any chemical or abrasive cleaners, as they could damage the phone;
7) Do not paint your phone as the paint could obstruct any moving parts and prevent normal use;
8) Use only approved batteries and accessories. Use of any unauthenticated batteries and accessories could damage your phone and may be dangerous;
9) If there's something wrong with your phone or its accessories, do not attempt to dismantle the phone. Contact qualified service personnel to repair your phone.

13.2 Battery maintenance

1) A new battery will require two or three times full charge/discharge cycles in order to achieve its optimum performance.
2) Batteries typically have several hundreds charge cycles in their life span. When the talk time and standby time decrease obviously, replace a new battery.
3) If left unused, a fully charged battery will discharge itself in approximately 24 hours.

4) To extend the life of the battery, you can get the battery fully discharge until the phone turns itself off. Do not attempt any other unapproved discharge ways.
5) When the battery level is low and only a few minutes talk time remain, a warning signal will sound. When the battery is completely discharged, your phone will turn off.

14 Troubleshooting

If problems occur when using the phone, try to find a solution here first.

Problems	Reasons and Solutions
Can't switch on	■ Press and hold end key until image appears on the display. ■ Check the battery contacts. Remove and insert battery and switch your phone on again. ■ Check the battery charge level.
Can't connect to network	■ Move into an area of better coverage. ■ Beyond the network cover area； ■ Contact your service provider if your SIM card is invalid.
The audio quality of the call is poor	■ Press navigator key to increase the volume when you are in a call. ■ Check the signal strength indicator on the display. ■ The line is busy and can not be connected to network; you can not make a call.
Standby time too short	■ When failing to connect to network, the phone will keep searching base station that consumes much battery and reduces standby time. Move to an area with stronger signal strength or switch your phone off temporarily. ■ Replace the battery.
SIM card error	■ Make sure that the chips in SIM card are not damaged; use the clean cloth to scratch it. ■ Make sure that SIM card is inserted correctly. ■ SIM card invalid. Contact your service provider.
Can not dial calls	■ Make sure that the number you dialed is available and the dial key has been pressed. ■ Make sure that there is enough money to make a call. ■ Make sure that SIM card is valid. ■ Fixed Dial is set or has call barring feature turned on. Deactivate fixed dial function or call barring.
Can not receive calls	■ Make sure that your phone has connected to network (Check if the network is too busy or invalid). ■ Make sure that there is enough money to receive the call. ■ Make sure that SIM card is valid. ■ Check call divert settings and incoming call barring settings.
The battery won't charge	■ Make sure that the battery is inserted correctly. Securely connect the charger to the phone. ■ Only charge the battery in an environment where the temperature does not go below -10℃ or above 55℃. ■ The battery or charge need to be changed.
Can not set some functions	■ The operation is wrong. ■ The network providers do not support the function, or you don't apply the function.

15 FCC Statement

1. 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. (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance 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.

16 SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.98W/Kg , when worn on the body , as described in this user guide, is 1.55W/Kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this mod- el phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on

FCC ID: WA6I330 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Tel-ecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com.
* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.