

User's Manual of ICEMOBILE CHARM

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FCC ID:C89CHARM

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1. Basic Information

1.1. Brief Introduction

Thanks for selecting SA200P_B2B_ICEMOBILE color screen GSM digital mobile phone. Through reading the manual, you can fully know how to use SA200P_B2B_ICEMOBILE mobile phone, appreciate its complete function and simple operating method.

SA200P_B2B_ICEMOBILE color screen mobile phone is designed aiming at GSM network environment; the phone is Two Card Two Standby, but you can not call another SIM card when one SIM card is under phone call. Besides basic call functions, SA200P_B2B_ICEMOBILE also provides many kinds of practical functions, such as name card holder, scene mode, message, audio and video player, camera and video, game, Bluetooth, alarm clock, calculator, STK, time and date, auto power-on and shut-down and etc. so that convenient for your work and leisure activities. In addition, SA200P_B2B_ICEMOBILE adopts personalized human-computer interface design, its complete function can meet your different requirements.

SA200P_B2B_ICEMOBILE color screen mobile phone accords with GSM criterion, has obtained the certification of competent authority.

The company reserves the rights to revise the contents of the manual without prior notice.

1.2. Safety Notice

If your phone is lost or stolen, please immediately inform the telecom department or commission agents of forbidding the use of SIM card, so that avoid the economic loss caused by false calling of others.

- When you contact with telecom department or commission agents, they need to know your phone IMEI number (printed on the label on the back of the phone and can be found after taking

down the battery). Please copy the number and keep it safe for future use.

In order to use the phone more safely, please adopt preventive measures, for example: set up the PIN code of SIM card, PIN code can prevent your SIM card from being used by others without permission. When leaving the car, please don't place the phone in a place easy to be seen, you had better to carry with you or lock in the suitcase.

1.3. Safety Alert and Cautions

Before using the phone, please read these cautions carefully so that make sure to use the phone correctly.

1.3.1. General Cautions

- On the plane, in the hospital and other places that forbidden to use the mobile phone, please turn off the phone; otherwise it may affect the normal operation of electronic equipments and medical instruments. Please comply with the relevant regulations if using the phone in these places.
- Please strictly comply with the laws and regulations about the phone use in the driving place. If you use the phone while you are driving, please comply with the following rules: concentrate on driving, pay attention to the road conditions; if the phone has hands-free function, please make a phone call hands free; if the driving conditions are not good, please stop the car, and then dial or receive a call.
- When approaching the places that storing fuel, chemicals or explosives, and etc., please comply with the laws, regulations and the relevant signs.
- Please place the phone, battery and charger in the place out of children's reach, for fear that the children use them as tools and cause personal injury.
- Your phone only can use the batteries, chargers and other accessories specified by the company for fear that the phone is

damaged. If using other batteries and chargers, it may cause liquid leaking, overheat, explosion, fire breakout and other failures of batteries.

- Please don't use the phone close to weak signal or high precision electronic equipments. Wireless wave interference may cause the mis-operation of these electronic equipments.
- The phone has the function of timely auto power-on, please check the auto power-on and shut down settings of the phone, so that confirm that the phone will not power on automatically during the flight.
- Please don't strike, shake or sling the phone violently for fear that the phone is failed or fire breakout.
- Please don't place the battery, the phone and the charger in the micro-wave oven or high-voltage equipment; otherwise may cause circuit damage or fire breakout and other accidents.
- Please don't use the phone in the places with inflammable and explosive gas; otherwise may cause phone failure or fire hazard.
- Please don't place the phone in the places with high temperature, high humidity or a large amount of dust; otherwise it may cause phone failure.
- Please don't place the phone in the uneven or unstable phone, prevent the phone from falling off and then cause failure or damage.
- Please only use the original antenna or the antenna being approved by the company. Unapproved and modified antenna or the antenna with additional accessories may damage the phone. Please don't touch the antenna during a call. Touching the antenna may affect the call quality and make the phone power higher than the required power in normal use. In addition, using the unapproved antenna may violate the regulations in your country.

1.3.2. Cautions of Using the Phone

- Don't take down or modify the phone; otherwise it may cause

the damage, creepage and circuit failure of the phone.

- Please don't knock the LCD by force or use the LCD to knock other things; otherwise may cause the damage of liquid crystal plate and the leaking of liquid crystal. If liquid crystal enters the eyes, it may cause ablepsia. At this time, please rinse the eyes immediately with clean water (don't rub the eyes), and see a doctor immediately.
- In very rare cases, if the phone is used in some types of vehicles, it may have bad effect on the electronic equipments in the vehicle. At this time, please don't use the phone for fear of losing the safety guarantee.
- If your vehicle is equipped with the air bag, please don't place the phone above the air bag or the area that can be touched after the air bag is swelled, for fear that the phone is applied very strong external force and cause serious damage on the vehicle owner when the air bag is swelled.
- Please don't touch the keystroke using needles, pen nibs and other sharp objects; otherwise it may damage the phone or cause mis-operation.
- If the antenna is damaged, please don't use the phone; otherwise it may cause the personal injury.
- Don't make the phone approach to the magcard and other magnetic objects too closely; radiation wave of the phone may clean out the information stored in the floppy disks, stored value cards and credit cards.
- Please place the drawing pin and other small metal objects in the place that far from the headphone of the phone. The loudhailer is magnetic when it is working and will attract these small metal objects so that may cause personal injury or damage the phone.
- Avoid phone damping, prevent water and other liquid from entering the phone, and then cause short circuit, creepage or other failures of the phone.
- Please use the phone in the place that far from fixed telephone, radio and office automation equipments, for fear that it may

affect the using effects of these equipments and the phone.

1.3.3. Cautions of Using the Battery

- Please don't take down or modify the battery; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of battery.
- Don't throw the old battery into general life rubbish. Treat the battery according to the regulated indication in the place that definitely regulates the waste battery treatment.
- Please don't throw the battery into the fire, otherwise it may cause the fire breakout or explosion of the battery.
- When installing the battery, don't apply pressure forcefully; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.
- Please don't make the battery short circuit using the electrical wire, needle and other metal objects; don't place the battery, necklace and other metal objects together; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.
- Please don't solder the battery contact; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.
- If battery liquid enter the eyes, it may cause ablepsia; at this time, please don't rub the eyes using the hand, please rinse the eyes with clean water, and then see a doctor immediately.
- Please don't use or place the battery near the fire or oven and other high temperature places; otherwise it may cause liquid leaking, overheat, explosion or fire breakout of the battery.
- If the battery is increasing the temperature abnormally, color change, distortion and other phenomena during the using, charging or storing process, please stop using it and then change new battery.
- If leaking liquid of the battery contacts with the skin and clothing, it may cause skin burn, please rinse it with clean water

immediately, and see a doctor if necessary.

- If the battery is leaking liquid or giving out strange odor, please take the battery away from open fire immediately, avoid fire breakout or explosion.
- Please don't make the battery damp, otherwise it may cause overheat, smoking or corrosion of the battery.
- Please don't use or place the battery under direct sunlight and other high temperature places, otherwise it may cause liquid leaking or overheat, reduce the performance and shorten the service life.
- Please don't charge the battery continuously for more than 24 hours.
- Please place the battery in the cool and ventilated place away from direct sunlight.
- Service life of the battery is limited. Service time of the battery is gradually shortened after the frequent charging. If many times of charging is failed, it means that battery life is drained, please replace the new battery of designated type.

1.3.4. Cautions of Using the Charger

- Please don't take down or modify the charger; otherwise it may cause personal injury, electric shock, fire breakout or charger damage.
- Please use 220V alternating current. Using other voltage may cause creepage, fire breakout and damage the phone and the charger.
- Short circuit of the charger is forbidden; otherwise it may cause electric shock, smoking and charger damage.
- Please don't use the charger when the power cord is damaged; otherwise it may cause fire breakout or electric shock.
- Please clean the dirt that accumulates in the power socket in time.
- Please don't place the water container, and etc. near the charger, for fear of water splashing and then cause short circuit, creepage

or other failures.

- If the charger contacts water or other liquid, please cut off power supply immediately, so that prevent short circuit, fire breakout, electric shock or charger failure.
- Don't use the charger in the bathroom and other high humidity places; otherwise may cause electric shock, fire breakout or charger damage.
- Please don't contact the charger, electrical wire and power socket with wet hands; otherwise it may cause electric shock.
- Don't place heavy object on the power cord or reconstruct the electrical wire; otherwise may cause electric shock or fire breakout.
- Please pull out the charger plug from power socket before the cleaning and maintenance.
- Seize the charger when pulling the plug, pulling the power cord will damage the electrical wire, cause electric shock or fire breakout.
- Don't charge in the following places: direct sunlight and other high temperature places; wet and ashy place or the place with large vibration (will cause failure); near radio and other home appliances (will affect the image and sound effects).

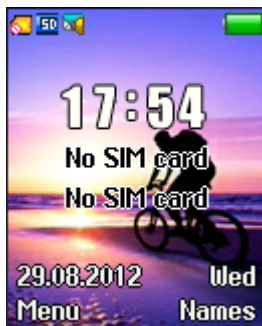
1.3.5. Cleaning and Maintenance







- Please don't use the phone, the battery and the charger in the bathroom and other high humidity places, and prevent them from rain.
- Please clean the phone, the battery and the charger using soft and dry cloth.
- Please don't wipe the phone using alcohol, thinner or benzene and other chemical reagents.
- The socket with dirt may cause poor contact and power-off, so that can't be charged, please clean it regularly.











2. Before Use









2.1. Name and Explanation of Each Part

2.1.1. Description of the Standby Pictures



Icon	Description of functions
	File manager
	Multimedia
	Messaging
	Contacts
	Call logs
	ICE SMART ZONE

	Tools
	Profiles
	Settings
	Network signal strength The more the stripe is, the stronger the signal is. When SIM card 1s inserted in card slot 1, standby screen will show the icon.
	Network signal strength The more the stripe is, the stronger the signal is. When SIM card 1s inserted in card slot 2, standby screen will show the icon.
	Battery strength The full the fill is, the more electric quantity is. Standby screen will show the icon.
	Alarm clock on and off It means that alarm clock is set and started. If alarm clock is set as off, the icon will disappear automatically.
	Unread SMS When there is unread SMS in the inbox, standby screen will show the icon.
	Missed call When there is missed call, standby screen will show the icon.
	Call forward in SIM card 1 When call forward unconditionally is started in SIM card 1, standby screen will show the icon.

	Call forward in SIM card 2 When call forward unconditionally is started in SIM card 2, standby screen will show the icon.
	Silent mode When scene mode is set as mute mode, standby screen will show the icon.
	Vibrate mode When scene mode is set as vibrate mode, standby screen will show the icon.
	Indoor mode When scene mode is set as indoor mode, standby screen will show the icon.
	Outdoor mode When scene mode is set as normal mode, standby screen will show the icon.
	Earphone When the earphone connects with the phone normally, standby mode will show the icon.
	Memory card When the memory card is inserted in card slot, standby screen will show the icon.
	Bluetooth When Bluetooth is started and select Visible, standby screen will show the icon.

2.1.2. Description of Keys

Keys	Function
Left soft key/ Right soft key	<p>1. Execute functions that the left-down/right-down corner indicator shows.</p> <p>2. In the standby mode, press Left Soft</p>

	key to access Message, Right Soft key to access Contacts.
End key	<ol style="list-style-type: none"> 1. Mainly used as power on/off. 2. Press to return to standby screen in any interface. 3. End calls or reject incoming calls.
OK key	<p>On the standby interface:</p> <ol style="list-style-type: none"> 1. Press to enter the selected menu. 2. Long press to open flashlight.
Dial key	<ol style="list-style-type: none"> 1. Press this key to dial or receive an incoming call. 2. When in the standby mode, press this key to access Dialed Calls of SIM1/2.
Camera key	On the standby interface,press “camera key”,enter camera interface.
Number key	<p>It is used to dial and input numbers or characters.</p> <p>Press and hold Number key 1 or 2 to get through the preset voice inbox.</p>
* Key	On the standby interface, input *; after inputting telephone number, if you want to input extension number, please press twice asterisk key, after the display screen shows “+”, please input your extension number.
# Key	<ol style="list-style-type: none"> 1. In text editing interface, press "#" key to switch text the input method. 2. On the standby interface Press and hold "#" key to transfer the profile of Standard/Silent.

2.2. Install SIM Card and Memory Card

2.2.1. SIM Card

Before using the phone, you must insert valid SIM (Subscriber Identity Module) card in the phone. SIM card is provided by network supplier.

All the information related to network connection are recorded in the chip of SIM card, also the names, telephone numbers and SMS that storing in the name card holder of SIM card. You can take out SIM card from your phone, and use it in any GSM mobile phone (new mobile phone can read SIM card automatically).

In order to avoid losing or damaging the information saves in SIM card, please don't touch the metal contact surface, and place SIM card in the place that away from electricity and magnetic force. Once SIM card is damaged, you can't use the phone normally.

Prompt: Please make sure to power off the phone before taking out SIM card. It is absolutely forbidden to insert or take out SIM card with external power supply; otherwise it may damage SIM card and the phone.

2.2.2. Inserting and Taking out SIM Card

Metal contact surface of SIM card is easily scratched. You must take out SIM card carefully before the assembly.

- Power off the phone, remove the rear cover, battery or other external power supply.
- Make the end of SIM card without cutting angle inside and aim at the card slot of the phone and metal surface of SIM card face downward, then insert SIM card to the card slot of the phone, the other SIM card is also inserted in this way.
- When taking out SIM card, directly pull it outward and then can take out SIM card.

Prompt: Without special explanation inserting two SIM cards are defaulted in the manual. If you just insert one SIM card, maybe some options of the menu will not be shown.

2.2.3. Memory Card

Aim at the T card slot and push the T card gently, and the card will be inserted correctly.

Prompt: If the memory card is failed, please check whether it is correctly placed and good contact of metal point.

2.3. Battery

2.3.1. Install the Battery

- Take off the rear cover, of the mobile.
- Make one end of battery with metal surface aim at the battery connector.
- Then gently press the battery downward using the finger, and then press the other end to install the battery.

Prompt: Please operate correctly to avoid damaging the battery connector.

2.3.2. Charging

Insert the charger on the charging interface at the side end of the phone.

After inserting the charging plug, battery strength icon stripe at the top right corner of the screen is scrolling, which means that the charging is processing; when the stripe is full of the whole icon and stop scrolling, which means that the battery charging is completed; when the charging is completed, please pull out the plug.

When electric quantity is not enough, warning message will be sent; and electric quantity shows empty. When electric quantity is too low, the phone will power off automatically. Please don't make the battery in the status of not enough electric quantity for a long time; otherwise it may damage the battery quality and service life. Please don't charge the battery for a long time.

Prompt: In order to ensure normal operation of the phone, please make sure to use the designated charger.

2.4. Security Password

■ PIN

PIN (Personal Identification Number) is used to prevent your SIM card from being used illegally. PIN is usually provided with SIM card together. If you input wrong PIN for continuous three times, please input PUK to unlock it. Please contact with network operations company for more details.

■ PIN 2

You need to input PIN2 when entering some functions (such as call charge); if you input wrong PIN2 for continuous three times, you need to input PUK2 to unlock it. Please contact with network operations company for more details.

■ PUK

When changing the locked PIN, you need to input PUK (Personal Unlock Key). PUK is provided with SIM card together. If it is not provided, please contact with your service provider. If you input wrong PUK for continuous ten times, the SIM card can't be used again. Please contact with your service provider to buy new card. You can't change PUK. If you lose the code, please contact with your service provider.

■ PUK2

When changing the locked PIN2, you need to input PUK2. If you input wrong PUK2 for continuous ten times, you can't use the functions that need PIN2. Please contact with your service provider to buy new card. You can't change PUK 2. If you lose the code, please contact with your service provider.

3. Quick User Guide

3.1. Feature Functions

The phone has not only the basic functions of mobile phone, but also support rich, practical and rapid feature functions, can be briefly introduced as follows:

- Contacts:me card holder record stored in the phone can be related with several telephone numbers at most, the phone can store 100 records at most; can send SMS in the name card holder; you can copy name card holder record between SIM card and the phone.
- Profiles: Custom the ringtone (include ring settings, adjust volume, call alert, message alert, alarm&calendar remind, key tone, battery low alert, power on/off tone) according to different events or environment.
- Call logs: The phone will automatically store the information of call log for you to check; support to call the telephone number in the call log; support to save the telephone number in the call log to name card holder and set as rejected call; support the function of sending SMS, and etc. to the telephone numbers in the call log.
- Message: The phone supports storing SMS and 50 pieces at most. The phone supports the storing status of SMS in SIM card and the phone.
- Multimedia: Your phone provides all kinds of entertainment services including image browser, recorder, camera, player, FM radio and other functions.
- Camera: The phone supports camera function. You can customize the camera.
- ICE MOBILE ZONE: The phone supports the game function.
- Tools: The phone supports various practical functions. Supports bluetooth, calendar, calculator, alarm, STK and other functions.
- Settings: You can customize the phone according to the needs, include phone settings, display settings, call settings, security settings and other functions.
- File management: You can check the specific content and service condition of the phone memory via this function. Meanwhile, you can format memory, too.
Choose one folder and press left soft key, then you can operate as follows:

New folder: Create a new folder.

Delete: Delete the folder.

Detail: Check details of the folder, filename, date, size, position and so on..

Edit: Rename or copy the folder.

Search: Search the file in the folder.

Sort: To sort according to name, time, size and type.

Mark: Mark one or all the folders in phone memory.

More: View the service condition of the phone memory. In this interface you can format the phone memory by pressing left soft key, but this operation will cause the data in it lose forever.

Prompt: There is no own memory capacity in the phone.

3.2. Function Hot Key

Function	Hot key	Status description
Power on	Press and hold power-on and power-off key	Power-off mode
Power off	Press and hold power-on and power-off key	Power-on mode
Enter function list	Press OK key or left soft key	Standby mode
Enter contacts	Press right soft key	Standby mode
Enter call log	Press Dial key	Standby mode
Enter camera	Press camera key	Standby mode
Input telephone number	Press Number key	Standby mode

3.3. Dial a Call

In standby mode, press numerical keys to input phone number to dial phone number. When you finish inputting phone number,

press the dial key to make a call. If you're making a long distance call, add the area code preceding the telephone number.

Press left soft key to access Options.

- Add to contacts: Add a phone number to telephone directory
- Add to Existing Contact: Add a phone number to the name already existed
- Send SMS: Send message to a certain number
- Insert WPN: Pause P/Wait W
- SIM Call : Dial the number of SIM card
- IP Call: Dial IP phone

3.4. Reject a Call

You can press End key to reject an incoming call.

3.5. Receive a Call

When an incoming call arrives, the phone will give out the corresponding prompt (such as ringtone, and etc.); if network support, the phone screen will show the name and telephone number of the caller; at this time, you can press Dial key to receive an incoming call.

3.6. End a Call

After finishing a call, you can press End key to end a call.

3.7. Emergency Services

You can directly dial an emergency service call without SIM card.

Different network uses different emergency numbers, please consult your network operations company for more details.

3.8. Extension Speed Dial

After inputting telephone number, if you want to input branch number, please press and hold “*”, input your extension number after

the display screen shows “P”. After getting through the call, it will directly dial the extension.

3.9. Dialed Calls/Missed Calls/Received Calls/Rejected Calls

You can enter call log to check the relevant details of dialed calls, missed calls, received calls and rejected calls.

Prompt: The record of incoming call from blacklist number will be saved in Rejected Calls.

3.10. Call Forward

After call forward function is started, according to different forward conditions settings (Call Forward Unconditionally, Forward Busy, Forward No Answer, Forward Can Not Reach), you can select to switch the incoming call to voice inbox or other telephone numbers.

3.11. Call Waiting

After call waiting function is started, when you are calling, the other call can be put through.

3.12. Call Barring

After call barring function is started, according to different restricted conditions settings (all the dialed calls, all the incoming calls, incoming calls when roaming, dialed international calls, outgoing international calls when roaming), you can restrict the call under the corresponding conditions (need to apply to network operator for business).

3.13. Power off the Phone

In the standby mode, press and hold End key to power off the phone.

3.14. T-flash Card

Insert the T-Flash card into phone from the background. This

will expand the Flash memory of the phone.

Tap Multimedia menu, you can browse MP3, MP4, picture, video, photograph etc.

3.15. USB Cable

You can transfer and store files, such as MP3, MP4 and pictures from PC, through USB cable, to the U-disk in phone or identified SD card that is inserted.

The operating method is as follows:

—Connect: Plug the IO port of the cable into your phone, and the USB port into the PC.

Read & write mode:

T-Flash card: Install the T-Flash card, and connect the phone set to PC, if the phone set is power off, it can be charged or used as a U-disk.

—File transfer

- File folder instruction: Find the mobile memory (T-FLASH card) in "my computer", double click it, and you will find the folders as follows:

"Photos" is used to store the picture.

"Videos" is used to store the MP4 format file.

These folders is preset by the system, don't change the folders' name.

- Read & Write: You can copy the files in T-Flash to PC hard disk, or copy the files in PC hard disk to the folder of the T-Flash card.

—Quit: On the PC side, select taskbar->delete hardware safely, exit the T-Flash card identified states, stop the T-Flash card, and pull out the USB cable.

4. Function Menu

4.1 Structure of Function Menu

In standby screen, select the home icon and press ok key to access the main menu. The main menu includes items: (1) Call logs

(2) Contacts (3) ICE SMART ZONE (4) Multimedia (5) Message (6) Tools (7) Profiles (8)File management (9) Settings, all together 9 items.

List of main menus and sub menus as below

1-1 Call logs

- 1-1-1 Dialed calls
- 1-1-2 Received calls
- 1-1-3 Missed calls
- 1-1-4 Rejected calls
- 1-1-5 Delete all
- 1-1-6 Call timers

1-2 Contacts

- 1-2-1 New
- 1-2-2 Search
- 1-2-3 Write SMS
- 1-2-4 Dial
- 1-2-5 Send vCard
- 1-2-6 Delete
- 1-2-7 Mark
- 1-2-8 Copy
- 1-2-9 Copy all
- 1-2-10 Others

1-3 ICE SMART ZONE

- 1-3-1 Internet
- 1-3-2 MSN
- 1-3-3 Facebook
- 1-3-4 Yahoo message
- 1-3-5 Twitter
- 1-3-6 Sokoban

1-4 Multimedia

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- Idle screen style
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- Backlight
- Keypad light
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- Pin1
- Privacy
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- Lock screen by end-key
- Power-on password
- Guardlock

1-9-5 Profiles

- Standard
- Silent
- Vibrate
- Low ring
- High ring and vibrate

1-9-6 Connection management

- Network account

4.2 Call logs

Display your recent call log.

4.2.1 Dialed calls

Display the list of your recent dialed numbers.

On the interface of Dialed, choose one record, then press left soft key “Option” to enter the Option interface and you could go on the following operations.

Detail: Display the information of dial calls (Number, Date, Time, Call time, , Type and SIM Name)

Dial directly: Recall the number.

Save: Save the number to Phone/SIM1/SIM2

Send SMS: You could send SMS to this number.

Add to existing contact: Add this number to the existing record of the

name card holder.

Add to blacklist : Add this number to the blacklist.

IP call: Call this number by IP dialing.

Delete: Delete this record.

Delete all: Delete all the records in the Dialed list.

4.2.2 Received calls

Display the list of your recent answered numbers. The operation is the same as the Dialed.

4.2.3 Missed calls

Display the list of your recent missed numbers. The operation is the same as the Dialed.

4.2.4 Rejected calls

Display the incoming call records in the blacklist. The operation is the same as the Dialed.

4.2.5 Delete all

You could delete all the records of the Dialed, Received, Missed and Rejected.

4.2.6 Call timers

Display information details of SIM1/SIM2: Last Call, Received Calls, Dialed Calls, and All Calls. Press left soft key to "Reset".

4.3 Contacts

This function could help you browse the name card holder, store, edit and delete the names and phone numbers in the phone and SIM card. To facilitate the management of the records, this phone sets the group function, collecting the similar items into a group. The storage capacity of the SIM card varies and the maximum storage capacity of this phone is 100.

On the standby interface, press right soft key to enter the interface of

the name card holder. When the record of the name card holder is not empty, press left soft key for the following operation:

Prompt: Take the records in SIM card 1 for example.

4.3.1 NEW

Create new name card holder records to SIM card or the mobile phone.

4.3.2 Search

Search the record stored in the phone or the SIM cards.

4.3.3 Write SMS

Send message to this record.

4.3.4 Dial

Dial this record directly or by means of IP call.

4.3.5 Send vCard

Send this record to others by SMS or Bluetooth.

4.3.6 Delete

Delete this record.

4.3.7 Mark

Choose one record or all records, and cancel what you choose are also allowed.

4.3.8 Copy

Copy the record to SIM cards or memory card.

4.3.9 Copy all

Copy all records:SIM1 to MemoryCard,SIM2 to MemoryCard,MemoryCard to phone.

4.3.10 Others

——Speed Dial Settings: Set this record into shortcut dial. After setting, on the standby interface, long press the number key you've set can call this record.

Prompt: On standby interface, long press number key 1 will enter the voice mailbox of SIM card 1.

On standby interface, long press number key 2 will enter the voice mailbox of SIM card 2.

——Caller ID: You can view or edit the number of this phone.

——Memory status: You could status the capacity of SIM1, SIM2 and the phone.

——Single /Double line display: You can set the display mode of record list as one line or two lines.

4.4 ICE SMART ZONE

The device is compatible with WAP service. You can visit various WAP services, for instance, news, weather forecast and airlines etc. The services are specially designed for the device and are maintained by WAP service supplier.

WAP service requires network backup. You can consult the network operator or service supplier about the availability, rates and tax of WAP services.

Select SIM/SIM2 to enter:

4.4.1 Internet

Input URL

Enter the website to connect with this WAP page

Homepage

Enter the homepage; it will connect with default page automatically.

Bookmark

Enter bookmark page, you can add new bookmark. You can also do the following operations with the bookmark: get started, view, edit, delete, and delete all.

——Access: Get started to visit the web page which bookmark marked.

——View: View the bookmark website.

——Edit: Edit the website and name of bookmark.

——Delete: Delete the bookmark.

——Delete all: Delete all bookmarks.

History

Record the websites you visited before. On the history record interface you can also do the following operation with the visited web pages: get started, view, delete, and delete all.

——Access: Get started to visit the web page which bookmark marked.

——View: View the bookmark website.

——Delete: Delete the history record.

——Delete all: Delete all the history records.

Offline

If you want to browse the page but not update if frequently, you can save it and browse it in the Snapshot.WAP settings

Browser Settings:

——Clear cache: Clear the temporary files you visited.

——Clear cookie: Clear the cookie files you visited.

——SIM1 network account: Set your internet account of SIM card 1 in order to visit internet correctly.

——SIM2 network account: Set your internet account of SIM card 2 in order to visit internet correctly.

——Download image: You can shut down or start up “picture download”.

——Play background sound: You can shut down or start up “play

background tone”.

——Accept push: You can shut down or start up “receive Push message”.

Prior Storage Medium:

——Picture

——Music

——Video

GPRS setting:







You can set GPRS connection as “GPRS always open” or “GPRS open when needed”.





Restore default:

You can restore the default of WAP settings.

On “website browse” interface, press left function key, the cursor will go to the icon at the bottom of the screen. Then press left function key again, the cursor will go to address bar of the web page.

Introduction to the detailed functions of icons is as follows:

Icon	Introduction to Function
	Enter WAP homepage
	Refurbish the page
	Stop to refurbish the page
	Back to the previous page
	Turn to the next page
	Add to bookmark

	Setting homepage
	Check history record.
	Save document, photo, picture and music.
	EXIT WAP page.

4.4.2 MSN

You can use MSN application.

4.4.3 Facebook

You can use Facebook application.

4.4.4 Yahoo message

You can use Yahoo Messenger application.

4.4.5 Twitter

You can use Twitter application.

4.4.6 Sokoban

- New Game: You can start a new push cases game.
- Resume: You can continue to play the game you didn't finish last time.
- Select level: You can choose the level of the game.
- Help

4.5 Multimedia

4.5.1 Image browser

You can view the pictures saved in the phone memory as well as edit them freely.

In the picture list interface press left soft key you can do operations as follows:

Change folder: Change the folder in which pictures are saved.
Send: Send the pictures to others via Bluetooth.
Slide play: Play the pictures in the list in a slide show manner.
Delete: Delete the selected pictures.
Set image as wallpaper: Set the picture as standby wallpaper.
Rename: Rename the picture.
Mark: Choose one or all of the pictures in the list.
Details: View the details of the picture, including name, date ,time and size.
Slide setting: You can set “select effect” or “slide delay time”

4.5.2 Recorder

Use this function you can record or listen to your own record. The record file format: wav.

Press left soft key and select “record”. You can also do the following.

——Start recording: Select “record” and continue the following steps;

——Records file list: Select “records list”.

Enter “record” interface, move the cursor to the record icon and press OK key to record. During the process, press left soft key can make a pause, press it again will continue the record. Press right soft key can stop and save the record. You can press left soft key again and do the following.

——Audition: Audition the tape you just recorded.

——Record again

——Delete: Delete the tape you just recorded.

——Send: Send the tape to others via Bluetooth.

——Record file list: Enter the tapes list.

Prompt: Call record is saved in the tapes list.

4.5.3 Camera

The device is equipped with a webcam with high pixels. You can take photo at any time and save the photo in the device or TF card. The photo can be used as wallpaper of your device or you can send it to

your friends through Bluetooth.

In camera preview interface press left soft key you can enter options menu as follows:

- — Gallery: View all photos
- — Settings: Quality/Banding/Shutter sound/Auto save/Display parameters/Camera Flash Light
- — Storage: MemoryCard.
- — Reset Setting: Restore the default parameters of the camera
- — Help

when you press left or right arrow key ,OSD menu will pop up,then you can adjust the parameters.

- — Shoot mode: DC mode/DV mode
- Size: Can set Photo size 176*220/320*240/640*480/1280*960
- — Profiles: Normal/Night
- — Brightness
- — Contrast
- — Exposure bias
- — Frame: No frame/Frame 1
- — Cont.shot: Disable/3 shots/6 shots
- — White balance: Auto/Incandescence/Fluorescent

If the camera supports zoom function,you can press up or down arrow key to adjust the focal length.

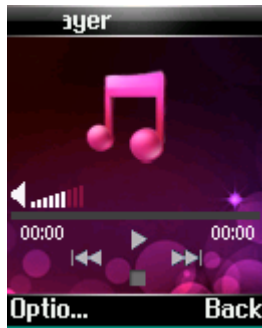
Prompt: Observe photographing related local laws and regulations. Do not use the function in illegal way.

4.5.4 Audio player

This phone could play the MP3 stored in the memory card and support the background play.

Press the left soft key or "OK" key to enter and use the Navigation keys to operate the MP3 player.

Press "up" key and "down" key to adjust volume. Press left soft key to access Options:



Press “right key” can play previous MP3;

Press”left key” can play next MP3;

Press “OK key”can suspend/resume MP3;

Under the MP3 list interface, press left soft key, then you can do operations as follows:

--Music list: Display MP3 files list which are playing now and paly list you’ve saved..

--Music mark: Mark the selected MP3 to play.

--Add: Add the selected MP3 to saved play list,new play list or music mark.

--Set as ringtone: Set the selected MP3 as the caller ringtone or alarm ringtone

--Play mode:Set music play mode as repeat or shuffle.

--Setting: Set the music style as Regular, Classic, Odeum, Jazz, Rock or Soft rock.And can set lyrics display.

--Open review:Music open repeat function.

--Exit:Close audio player

Prompt:

In the main interface of “Play MP3’ press hang-up key to return, the background broadcasting status will remain .

4.5.5 Video player

This phone supports the video format of 3pg and mp4.

Enter the video play list interface, press left soft key, you could go on the following operations.

— — Play list: Into the video player interface

- —Fullscreen play: Play the video full screen
- —Order play
- —Set as:Set as power on animation or Set as power off animation
- —File attribute: View video details

4.5.6 FM radio

You can listen to Fm radio freely. Enter the radio interface, search the frequency by pressing the up and down direction keys, and change previous or next channel by pressing the left and right direction keys. On the interface of the Radio playing, press left soft key you could enter the options menu and do operations as follows:

--Auto search and save: Search frequency available automatically and save it to broadcasting station list.

-- Channel list: You can view all the broadcasting stations you saved.


--Save: Save the frequency you searched to the list.

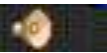
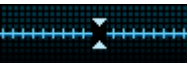
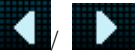


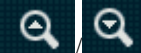

--Manual search: Search the broadcasting station by input frequency manually.

--Open speaker: You can start up loudspeaker to make the sound louder.

--Background play: When the function is on, you can do other operations while listening to the radio.



Icon	Do	Show
	Display	By earphone

	Display	By Speaker
	Display	Frequency scroll
	Press	Left / right adjust radio frequency
	Press	*/# adjust radio volume
	Display	radio volume
	Press	Down/up adjust radio frequency
	Press	Left / right adjust radio frequency

Prompt: Please connect with the earphone before you listen to the radio, for the device is equal to radio antenna. When the battery of your cell is insufficient, you may not enter the Radio channel.

4.6 Message

4.6.1. Write message

You could write new message by using this function. When you input the message to be sent, press left soft key to send, to insert the templates, to add contact person information and symbol, and to save, etc.

--Send: Enter the interface of input number, you can dial the phone number directly, or press left soft key to enter the name card holder and choose the number to send.

--Insert template: Enter the templates interface and you could insert the template to the message.

--Add contact info: Enter the Name card holder interface and you could insert the name card holder information to the message.

--Add phiz: Enter the symbol interface and add the symbols to the

message.

--Save: Save this message to the drafts.

When you input the MMS to be sent, MMS interface you can do the following:

-- Send:

-- Recipients

-- Cc

-- Bcc

-- Subject: MMS theme editor

-- Edit content

--Text/Add(Next slide/Picture/Audio/Video)/Delete/Page timer(1s-600s)

-- Preview: Preview edited MMS

4.6.2. Inbox

Store the SMS you've received.

Choose one SMS and press left soft key, then you will do several options, for example, reply the SMS, delete, dial and mark. Press OK key directly you can read this SMS.

-- Reply: You could choose to reply the addresser by SMS.

-- Delete: Delete this message.

-- Call: Call the addresser.

-- Lock/unlock: Lock the message or unlock it.

-- Mark: Choose this message or all messages in the inbox, or only choose the messages saved in SIM 1, SIM 1, SIM1storage SMS or SIM1 storage SMS

-- Sort: Sort the messages in the inbox by time, contacts subject or type.

-- Delete same number:Delete all messages from the same number.

4.6.3. Outbox

Store the SMS you've sent in failure.

Choose one SMS and press left soft key, you could send, delete, lock, mark, sort, and so on.

- — Send: Send this SMS
- — Delete: Delete this message.
- — Lock/unlock: Lock the message or unlock it.
- — Mark: Choose this message or all messages in the inbox, or only choose the messages saved in SIM 1, SIM 1, SIM1 storage SMS or SIM1 storage SMS.
- — Sort: Sort the messages in the inbox by time, contacts ,subject or type.

4.6.4. Drafts

Store the SMS you've edited.

Choose one SMS and press left soft key, you could delete, edit, lock, mark, sort.

- — Delete: Delete this message.
- — Edit: Edit this message.
- — Lock/unlock: Lock the message or unlock it.
- — Mark: Choose this message or all messages in the inbox, or only choose the messages saved in SIM 1, SIM 1, SIM1 storage SMS or SIM1 storage SMS.
- — Sort: Sort the messages in the inbox by time, contacts, subject or type.

4.6.5. Sentbox

Store the SMS you've sent successfully.

Choose one SMS and press left soft key, you could delete, forward, lock, mark, sort, and so on.

- — Delete: Delete this SMS.
- — Forward: Forward this message to others.
- — Lock/unlock: Lock the message or unlock it.
- — Mark: Choose this message or all messages in the inbox, or only choose the messages saved in SIM 1, SIM 1, SIM1 storage SMS or SIM1 storage SMS.
- — Sort: Sort the messages in the inbox by time, contacts, subject or type.

4.7 Tools

4.7.1 Alarm

You can edit alarm, time, ring and repeated ring mode.

In “alarm edit” mode, you can scroll up or down direction key, when the cursor goes to the desired option, press “OK”, then you can select desired settings.

The alarm clock feature sounds an alert at a time you specify.

— Alarm1

- Edit: Set alarm of name, time, ring and mode.
- Enable/Disable: Set alarm1 activate or deactivate.

— Alarm2: Refer to "Alarm1".

— Alarm3: Refer to "Alarm1".

4.7.2 Bluetooth

Open/Close Bluetooth

You can choose to “open” or “close” Bluetooth.

Bluetooth visibility

You can choose “show phone” or “hidden” Bluetooth. If the Bluetooth is hidden, others cannot search your phone.

Paired device

You can search different Bluetooth equipments and find compatible ones (as long as the PIN codes of two Bluetooth equipments are identical with each other, the match will be successful. The PIN code of Bluetooth earphone is different due to different type, and you can find the code in operating manual of the Bluetooth earphone.).

My Bluetooth name

You can change the name of the phone.

Storage

MemoryCard only

Help

You can view the operating instruction of Bluetooth.

4.7.3 Calendar

You can use this feature to view the year, date and solar term easily.
Use up/down/left/right direction key to navigator other date.

— Add task

- Subject: Enter the schedule name.
- Date: Edit the schedule date.
- Time: Edit the schedule time
- Ring tone: Ring1/ Ring2/Ring3/More ringtones
- Type: Set Freq: Once/ Daily/ Weekly/ Monthly/ Yearly/ No reminding.
- Deadline: Press left soft key to save and right soft key to return.

— View tasks

— All tasks: Display all schedules.

- View
- Edit
- Add task
- Delete
- Delete All

— Clear tasks today: Delete today schedule.

— Clear All: Delete all schedules.

— Go to Date: Enter the Solar calendar and it can go to the date you want to check.

— Weekly

- Add task
- View tasks
- All tasks
- Clear tasks today
- Clear All
- Go to Date
- Monthly

4.7.4 Calculator

The function will make your device a calculator with which you can

carry out simple math calculation.

Write by stylus to enter the numbers. Use following direction keys to calculate:

Up, down, left, right key: +、-、×、/

OK key: Show the calculation result.

* Key: Decimal point

4.7.5 STK

Enter STK submenu, you can use the additional services that the network service operator provided.

The device has STK function. The service is provided by network operator. If SIM card or network operator fails to provide the service, the function can not be available. Contact network service operator, if you want to have more information.

4.8 Profiles

You can choose the profile you need.

4.9 File management

You can check the specific content and service condition of the phone memory via this function. Meanwhile, you can format memory, too.

Choose one folder and press left soft key, then you can operate as follows:

New folder: Create a new folder.

Delete: Delete the folder.

Detail: Check details of the folder, name, date, size, position and so on.

Edit: Rename or copy the folder.

Search: Search the file in the folder.

Sort: To sort according to name, date, size and type.

Mark: Mark one or all the folders in phone memory.

More: View the service condition of the phone memory. In this interface you can format the phone memory by pressing left soft key, but this operation will cause the data in it lose forever.

Prompt: There is no own memory capacity in the phone.

4.10 Settings

You can customize the settings, such as time and date, language, call settings etc.

4.10.1 Call Settings

■ Dual-SIM

——Standby mode: Only SIM1 enable/Only SIM2 enable/Dual SIM dual standby

——Main SIM settings: SMS/Speed dial/Reply by original have been setted priorities.

——Set SIM Name: You can set any name you like as the name of SIM card slot.

■ Network selection:

This function can let you select the network manually or automatically when the phone is in the roaming state. You can use this function only after you have made an effective roaming.

Select SIM1/SIM2 and then access:

—Auto Select: Press the left key and Ok, the mobile phone will search various networks. This operation will let your phone register the most suitable network.

—Manual Select: Press the left soft key and Ok, the mobile phone will search various networks. You can select the suitable network from the listed networks.

■ Call divert: When “call divert” function is started up, you can transfer the incoming call to voice inbox or other phone number according to the scheduled “ call divert” conditions.

——Unconditional transfer: All incoming calls will be transferred to voice inbox or other phone number according to the setup.

——Divert if busy: When your number is busy, the incoming calls will be transferred to voice inbox or other phone number

according to the setup.

——Divert if no answer options: When there are missed calls in your phone, they will be transferred to voice inbox or other phone number according to the setup.

——Divert if unreachable: When your phone is power off or out of the service area, the incoming calls will be transferred to voice inbox or other phone number according to the setup.

——Cancel all diverts: You can delete all settings of call divert.

- Call barring: All outgoing calls, incoming calls, roaming incoming calls, international outgoing calls, roaming international outgoing calls are available.

——All outgoing calls: Activated/Off/Query status

——All incoming calls: Activated/Off/Query status

——Incoming calls when roaming: Activated/Off/Query Status

——International calling : Activated/Off/Query status

——Dial when INTL ROAMING: Activated/Off/Query Status

——Cancel all barring: Cancel all restrictions on the call.

——Change Password: You can consult your network operator about the call barring password.

Prompt: The above-mentioned function will have to need network support. To use the function, please contact your network service provider.

- Call waiting: You can start up or shut down the function. When it is started up, even when you are making a call, you can also receive another income call.

- Hide ID: This function must be supported by network.
Select SIM1/SIM2

- Hide ID
- Display own ID
- Display ID by Network

- Select line: There are two lines can be selected: line 1 and line 2. But the function just for the phone which has one SIM card and two numbers. If your phone is not the type like that, please just select line 1, because if you choose line 2, dialing will be limited.

Select SIM1/SIM2

- Line 1
- Line 2

- Flight mode: You can start up the function directly or choose when power on. It is used on flight. When flight mode is working all the functions connect with network, such as SMS, dialing back, will be unavailable, to avoid interfering the signal of the flight you take.

- Activate
- Select when power on

- Others:

- —IP shortcut key: In this function, you can set IP call to enter the number.

Select SIM1/SIM2 first and then use the up/down navigation key to select the number and press left soft key to access:

SIM1

- Active/ Cancel
- Modify

SIM2

- Active/ Cancel
- Modify

- — 50 sec voice call alert :Activated/Off
- — Connect prompt: Activated/Off
- — Answer/Reject mode: Reply SMS after reject/Any-key answer

— — Auto redial: **Activated/Off**

4.10.2 Phone settings

- Time and date: You can set up the date and time on the phone as well as their display mode.
- Select language: You can select phone language.
- Auto Power on/off: You can set the time and repeat mode of power-on and power-off.
- Power management: You can view the electric quantity of your battery.
- Restore settings: You can restore part of the phone settings as factory settings. The default code of restoring factory settings is: 1234.

4.10.3 Display settings

- Wallpaper settings: You can set as default wallpaper image as well as more other wallpaper images.
- Idle screen style:
 - — Standard style
 - — Smart style
- Idle display settings:
 - — Time & date
 - — Service provider
 - — Today's task
 - — Customized word
- Contrast: On the screen backlight interface you can set different lightness of your phone by pressing the left/right direction key.
- Backlight:
 - — Always on
 - — 30 secs
 - — 20 secs
 - — 15 secs
 - — 10 secs
 - — 5 secs

- Keypad light:
 - 20 secs
 - 10 secs
 - 5 secs
 - Night mode
 - Off
- Animation effect:
 - Main menu effect
 - Power on display
 - Power off display
 - Others

4.10.4 Security settings:

— PIN

You can start up, shut down or modify PIN code. Correct PIN code shall be input when you unlock or shut down PIN code. If PIN code verification is started up, each time when you switch on your phone, you will have to input PIN code. If you input mistaken PIN codes three times in a row, SIM card will be locked. You will have to get PUK1 code to unlock it. Please contact network operator to get PUK1 code when necessary.

The default PIN code is 1234.

— PIN2:

You can review PIN2 code. For details, please contact network operator.

— Privacy

You can review privacy protection password. Besides, you can also set passwords for some menus, in this way, you will have to input password each time when you desire to open the menus.

The default password of privacy protection mode is 1234.

- Auto keypad lock
 - off
 - 5 secs
 - 15 secs
 - 30 secs
 - 1 min
 - 5 min
- Lock screen by end-key
 - Activated
 - Off
- Power-on password

You can start up or shut down “phone password” or revise it. When “phone password” is started up, you will have to input “password” each time when you use the phone.

The default phone password is 1234.

- Guardlock

You can start up or shut down anti-theft function or revise anti-theft function password (the password shall be 6-digit).

When “anti-theft” function is started up, you can only use your SIM card. If different SIM card is used, the phone will automatically check it when you switch it on, and the phone will require you to input protection password. If the password is correct, you can set up the SIM card so that it is compatible with the anti-theft function.

If three mistaken passwords are input, when you switch on the phone, it will send warning SMS to your original SIM card every 24 hours. If the phone is switched off, the warning messages will be sent when you switch on the phone. The warning messages will indicate the existing SIM card and the neighborhood number. When 15 warning SMS were sent out, the phone cannot be used. You will have to take the purchase evidence to ask for the dealer’s help.

To guarantee the safety of your phone, you are suggested to start up the function when you purchased the phone.

- Activate: Start up anti-theft function.

—Deactivate: To shut down anti-theft function, you will have to input the protection password you set for the phone.

—Modify PWD: To revise protection password, you will have to input the protection password you set for the phone.

The default anti-theft password is 123456.

4.10.5 Profiles:

You could set different scene modes.

- Standard
- Silent
- Vibrate
- Low ring
- High ring and vibrate

You could activate, settings, rename or enhance sound.

■ Ring Settings

- SIM1 call ring: You could set the ringtone of SIM1 into fixed ringtone or more ringtones.
- SIM2 call ring: You could set the ringtone of SIM2 into fixed ringtone or more ringtones.
- SIM1 msg ring: You could set the message tone when the SIM1 receives the message.
- SIM2 msg ring: You could set the message tone when the SIM2 receives the message.

■ Adjust Volume

- Call ringtone: You could set the ringtone volume when there is an incoming call.
- message ringtone: You could set the ringtone volume when there is an incoming message.
- Call volume: You could set the volume when you are calling.
- Alarm volume: You could set the volume of the alarm clock when it rings.
- Power on/off tone: You could set the volume when power on or power off.

■ **Call Alert**

You could set the incoming call alert for the SIM1 and SIM2 and there are five options for you to choose: Ring,Vibrate, Silent,Vibrate then ring, Ring and vibrate.

■ **Message Alert**

You could set the incoming message alert for the SIM1 and SIM2 and there are four options for you to choose: Ring, Vibrate ,Silent, Ring and vibrate.

■ **Alarm&calendar remind**

You could set the alarm clock alerts into Ring, Vibrate ,Silent, Ring and vibrate.

■ **Key Tone**

You could set the keypad tone into Silent, Ringtone1 and Ringtone2.

■ **Battery Low alert**

You could set to start or close the low voltage alarms. After starting this function, when the electric quantity of the battery is low, the low voltage alarm will ring.

■ **Power on/off tone**

You could set the tones when starting up and shutting down the phone.

4.10.6 Connection management:

Network account:

You can select network count which you want to use.

- CMCC GPRS
- CMCC MMS
- CUCC WAP

5. Text Input

The device provides several text input modes so that you can write text or input data in your “contacts”, edit “contacts” record, search English names and write SMS and to-do list.

In “text input” mode, if you want to change the input way, you

can press “#” key. The selected input way will appear on the top left of the screen.

Letter (Capital, Normal)

Enter edit page, press “#” and switch the input mode to “letter”, then press the keys on keypad, selected letters will appear on the screen.

Press the number key can get the first letter marked on the key, press twice quickly can get the second letter marked on the key. Similarly, if the letter you want to input have the same key with the former letter, please wait until the cursor appears again, then input the new letter.

For example, if you want to input “ok”, you need to press the “6” key three times continuously and get “o”, then press the key “5” twice, “ k” will appear on the screen. Press right soft key, you can delete the text you input.

Number

Enter “edit” mode, press “#” key you can change the input way to “ number”. Then press the keys, number will appear on the screen. The key 0-8 separately represents the figure from 0 to 8. You can press corresponding key to get desired number. Press right soft key can delete the number you input.

Punctuation

Enter the “edit” mode, press key “1”, the punctuations will appear. You can scroll the direction key so that the cursor can select desired punctuation. Press left soft key can select the desired punctuation.

6. Accessories

You may choose following enhancements of the device. You can also check with your dealer.

Additional battery (The customer is suggested to confirm whether it is supplied.)

You can purchase the lithium batteries with different capacity

provided by this company.

Travel Charger (The customer is suggested to confirm whether it is supplied.)

Ultra-light, applicable quick charger. It can quickly charge the phone. Plug the charger into electrical outlet, and the other terminal shall be plug into the charger connector at the bottom of the phone.

Earphone (The customer is suggested to confirm whether it is supplied.)

USB cable (The customer is suggested to confirm whether it is supplied.)

Charger (The customer is suggested to confirm whether it is supplied.)

You can check the charging status on display screen of the phone.

You can press the power key and switch on the phone.

7. Care and Maintenance

Maintenance of battery

·Your device is powered by a rechargeable battery. It is necessary to have the battery charged when it is going to wear out. The full performance of a new battery is achieved only when it is fully wore out.

·Unplug the charger from the electrical plug and the device when not in use. Do not leave fully a charged battery connected to a charger over a week, since overcharging may shorten its lifetime.

·Temperature tends to affect the limit of battery to be charged. Therefore, it is necessary for the battery to be cooled or warmed before it is charged. If the temperature of batter exceeds 20°C ,the battery cannot be charged.

·Use the battery only for its intended purpose and avoid short-circuiting. Accidental short-circuiting can occur when a metallic object causes direct connection of the positive (+) and negative (-) terminals of the battery.

·Do not use damaged battery.

- Leave the battery in hot or cold places will reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily, even when the battery is fully charged.
- Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations.

Care of maintenance of your device

The suggestions below will help you protect your warranty coverage.

- Keep the device and accessories out of the reach of small children.
- Keep the device dry. All types of liquids or moisture will corrode electronic circuits.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not attempt to open the device other than as instructed in this guide. Non-professional handling may damage the device.
- Do not use harsh chemicals or strong detergents to clean the device.
- Use only the supplied or an approved replacement attachments, for the unauthorized ones could invalidate the warranty of maintenance.

8. Additional Safety Information

Remember to follow any special regulations in force and use the device only in its normal operation positions.

Traffic Safety

- Unless there is an emergency, otherwise do not use the device when you are driving a vehicle without safety wireless equipment. Please park the vehicle in a safe place before you use the device in order to guarantee that you pay all attention to drive. Observe related regulations.
- In case there is no adequate protection, certain electronic systems of the vehicle may be affected by the electric wave of the device.
- You are suggested to use the device only in vehicles with antenna.
- Only qualified personnel should install the device in a vehicle.

Aircraft Safety

Switch off your device before boarding an aircraft. The use of

wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal. The GSM service will be unavailable. When you are in flying aircraft, using your device is prohibited.

Environment Safety

- Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger.
- Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacture of the medical device to determine if you have any questions.
- Your device may interfere with some hearing aids, pacemakers and other medical devices. Please obey the suggestions provided by physicians or medical device manufacturers.
- You are suggested to switch off the device in any area with potentially explosive atmosphere, such as gas station, chemical factories etc.
- Observe restrictions on the use of radio equipment.

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in **Report and order FCC 96-326** adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna.

Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

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

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

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

<ANSI C95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend

that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards). Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

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

TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

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

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is **0.394W/kg**, next to the head is **0.538W/kg**. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help
- Do not use the device with the environment which below minimum -10°C or maximum over 50°C, the device may not work.

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